



Future Ready. Community Strong.

Regular Meeting Agenda

Diamondhead Education Center
200 W. Burnsville Parkway
Burnsville, MN, 55337
January 12, 2017
6:30 PM

(6:00 PM Board Listening Session with Chair Dan Luth and Director Jim Schmid)

- I. Call to Order
 - A. Welcome Public
 - B. Pledge of Allegiance
 - C. Oath of Office for Board Members 3
 - D. Approval of Agenda
- II. Annual Organization of the Board of Education 9
 - A. Election of Chair
 - B. Election of Vice Chair
 - C. Election of Clerk
 - D. Election of Treasurer
 - E. Salaries of Board Members
 - F. Regular Meetings of the School Board
 - G. Authorization of Electronic (telephone) Fund Transfers 14
 - H. Authorization for Use of Facsimile Signatures 15
 - I. Designation of Official Depositories 16
 - J. Appointment to Committees 20
 - K. Authorization to Execute and File Application for State- and Federally-Funded Programs
 - L. Designation of Legal Counsel
 - M. Designation of Official Newspaper
 - N. Designation of Identified Official with Authority for Minnesota Department of Education (MDE) Secure Website Access
- III. Future Ready and Community Strong
 - A. Youth Frontiers Award Recipient
 - B. College and Career Planning / Career Expo 22
 - Presenter: Marcia Sexton, College and Career Specialist and Dr. Kathy Funston, Director of Strategic Partnerships and Pathways

IV. Business Meeting

A. Consent Agenda

Although Board action is required, it is generally unnecessary to hold discussion on these items. In the event a Board member wishes to discuss an item, that item will be moved for separate consideration.

1. Approve Meeting Minutes 31
2. Approve Personnel Recommendations 34
3. Adopt a Resolution to Accept Donations 35
4. Approve Scheduling a Board Retreat on Wednesday, January 25, 2017 39
5. Approve Change Orders #164R, #211, #216, #221, #223, #224, #226, #227, #229, #230, #231, #233 and #234 for the 2015 Additions and Alterations to Burnsville High School 40

V. New Business

- A. Approve the Resolution for American Indian Education 72
Presenter: Dr. Stacie Stanley, Director of Instruction, Curriculum, and Student Support Services
Dominic Goodbuffalo, Cultural Liaison
- B. Approve 2017-18 Secondary Course Catalog 77
Presenter: Dave Helke, Burnsville High School Principal

VI. Reports

- A. Student Representative
- B. Superintendent
- C. Board Members

VII. Adjourn

**ACCEPTANCE OF OFFICE
AND OATH OF OFFICE**

To: Eric Miller

The following acceptance and oath of office must be filed with the school district clerk within thirty (30) days of the date of mailing or personal service of the certificate of election.

ACCEPTANCE OF OFFICE

I hereby accept the office of school board member of Independent School District No. 191 for a term beginning on the first Monday in January, 2017 and expiring on the first Monday in January, 2021.

Date: 12/1/16

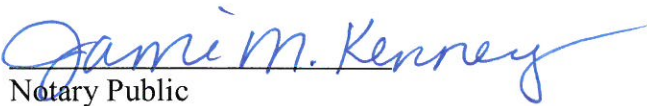


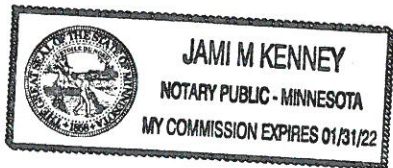
Signature

STATE OF MINNESOTA)
COUNTIES OF DAKOTA)
AND SCOTT)

The foregoing instrument was acknowledged before me this 1 day of
December, 2016 by Eric Miller

Name of Candidate


Notary Public



OATH OF OFFICE

I swear/affirm that I will support the Constitution of the United States and of this state, and that I will discharge faithfully the duties of the office of school board member of Independent School District No. 191 to the best of my judgment and ability.

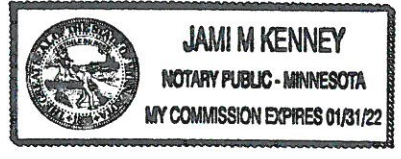
Date: 12/1/16

[Signature]
Signature

STATE OF MINNESOTA)
COUNTIES OF DAKOTA)
AND SCOTT)

The foregoing instrument was acknowledged before me this 1 day of December, 2016 by Eric Muller.
Name of Candidate

[Signature]
Notary Public



OATH OF OFFICE

I swear/affirm that I will support the Constitution of the United States and of this state, and that I will discharge faithfully the duties of the office of school board member of Independent School District No. 191 to the best of my judgment and ability

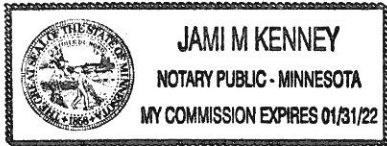
Date:

Darcy Schatz
Signature

STATE OF MINNESOTA)
COUNTIES OF DAKOTA)
AND SCOTT)

The foregoing instrument was acknowledged before me this 7 day of December, 2016 by Darcy Schatz.
Name of Candidate

Jami M. Kenney
Notary Public



**ACCEPTANCE OF OFFICE
AND OATH OF OFFICE**

To: Darcy Schatz

The following acceptance and oath of office must be filed with the school district clerk within thirty (30) days of the date of mailing or personal service of the certificate of election.

ACCEPTANCE OF OFFICE

I hereby accept the office of school board member of Independent School District No. 191 for a term beginning on the first Monday in January, 2017 and expiring on the first Monday in January, 2021.

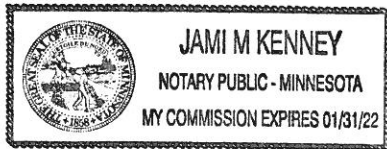
Date:

Darcy Schatz
Signature

STATE OF MINNESOTA)
COUNTIES OF DAKOTA)
AND SCOTT)

The foregoing instrument was acknowledged before me this 2 day of December, 2016 by Darcy Schatz.
Name of Candidate

Jami M. Kenney
Notary Public



**ACCEPTANCE OF OFFICE
AND OATH OF OFFICE**

To: DeeDee Currier

The following acceptance and oath of office must be filed with the school district clerk within thirty (30) days of the date of mailing or personal service of the certificate of election.

ACCEPTANCE OF OFFICE

I hereby accept the office of school board member of Independent School District No. 191 for a term beginning on the first Monday in January, 2017 and expiring on the first Monday in January, 2021.

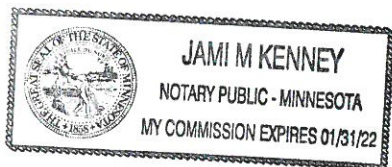
Date:

DeeDee Currier
Signature

STATE OF MINNESOTA)
COUNTIES OF DAKOTA)
AND SCOTT)

The foregoing instrument was acknowledged before me this 1 day of December, 2016 by DeeDee Currier.
Name of Candidate

Jami M. Kenney
Notary Public



OATH OF OFFICE

I swear/affirm that I will support the Constitution of the United States and of this state, and that I will discharge faithfully the duties of the office of school board member of Independent School District No. 191 to the best of my judgment and ability.

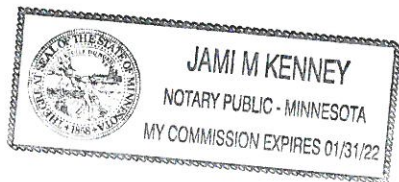
Date:

DeeDee Currier
Signature

STATE OF MINNESOTA)
COUNTIES OF DAKOTA)
AND SCOTT)

The foregoing instrument was acknowledged before me this 1 day of December, 2016 by DeeDee Currier.
Name of Candidate

Jami M. Kenney
Notary Public





Future Ready. Community Strong.

**Agenda II.A-N
January 12, 2017**

To: Members, Board of Education

**From: Dr. Joe Gothard, Superintendent
Lisa K. Rider, Executive Director of Business Services**

Date: January 6, 2017

RE: Annual Organization of the Board of Education

RECOMMENDATION: to approve recommendations and adopt the resolutions shown below to accomplish organization of the Board of Education for 2017.

The items listed below must be addressed by the school board at its organizational meeting on January 12, 2017.

In order of rank, the officers from 2016 are responsible for calling the organizational meeting to order. This individual, or someone elected as temporary chair, should preside until a new chair is elected.

Prior to the election of officers, the board should determine the method to be used in selecting its new officers. A recommended method is that of majority vote on the candidate or candidates nominated for each position. Policy 202 provides further direction with respect to selection of officers and officer's responsibilities.

The annual organization of the school board occurs in January to conform to the term of office for school board members. Some matters of school board organization are more readily conducted on a fiscal year basis and will be presented in June.

The items that follow pertain to Board of Education organization for 2017.

A. Election of Chair

Annotation: The chair presides at all school board meetings and works with the superintendent on calling board meetings and establishing meeting agendas. At times the chair is called upon to serve in a ceremonial capacity as the ranking elected representative of the school district. The chair countersigns all checks drawn by the treasurer.

Recommendation: Moved by Director _____, seconded by Director _____, that Director _____ be nominated and elected chair of the board for 2017.

(It is recommended that the newly elected chair assume the chair and conduct the balance of the meeting.)

B. Election of Vice-Chair

Annotation: The school board created the vice-chair position in 1989 for the purpose of easing the workload of the chair. The vice-chair serves as chair when the chair is absent, assists with board operations and plans the annual evaluation of the superintendent.

Recommendation: Moved by Director _____, seconded by Director _____, that Director _____ be nominated and elected Vice-chair of the board for 2017.

C. Election of Clerk

Annotation: The clerk presides at board meetings in the absence of the chair and vice-chair, and from a legal standpoint, is responsible for board minutes, signing board approved contracts and calling school board elections. The clerk also countersigns all district checks. The routine duties of the clerk are performed by the superintendent's office and business office.

Recommendation: Moved by Director _____, seconded by Director _____, that Director _____ be nominated and elected clerk of the board for 2017.

D. Election of Treasurer

Annotation: The treasurer is legally responsible for the deposit and withdrawal of all district funds and reporting same to the school board. Checks drawn on school district accounts are signed by the treasurer. The routine duties of the treasurer are performed by the business office.

Recommendation: Moved by Director _____, seconded by Director _____, that Director _____ be nominated and elected treasurer of the board for 2017.

E. Salaries of Board Members

Annotation: Salaries of school board members are set annually. In January 2016, the salaries were set at \$550 per month for each director plus an additional monthly stipend of \$50 for the chair in recognition of increased duties and expenses associated with that position.

Recommendation: That salaries of board members be set at \$550 per month and that the chairperson receives an additional \$50 per month in recognition of additional duties and expenses associated with the position.

F. Regular Meetings of the School Board

Annotation:
Regular meetings of the school board are typically held on the second and fourth Thursday of each month. However, board meetings may be scheduled during other weeks to accommodate scheduling needs. Regular school board meetings will be held at Diamondhead Education Center, 200 West Burnsville Parkway, Burnsville.

Recommendation: That all regular meetings of the Independent School District 191 Board of Education commence at 6:30 p.m. on the dates noted below with meetings conducted at the Diamondhead Education Center and cable cast. Superintendent Listening Sessions or Board Listening Sessions will be scheduled at 6:00 p.m. before regular board meetings.

January 26, 2017	November 16, 2017*
February 9, 2017	December 14, 2017
February 23, 2017	January 11, 2018
March 9, 2017	January 25, 2018
March 23, 2017	February 8, 2018
April 13, 2017	February 22, 2018
April 27, 2017	March 8, 2018
May 11, 2017	March 22, 2018
May 25, 2017	April 12, 2018
June 8, 2017	April 26, 2018
June 22, 2017	May 10, 2018
August 10, 2017	May 24, 2018
August 24, 2017	June 14, 2018
September 14, 2017	June 28, 2018
September 28, 2017	August 9, 2018
October 12, 2017	August 23, 2018
October 26, 2017	

*Meetings not scheduled on the second or fourth Thursday of the month.

Items G-N pertain to calendar year 2017. They are of a routine nature and although board action is required, discussion is usually unnecessary. I recommend approval of all resolutions as a single consent agenda. In the event a Board member wishes to discuss any item, it should be removed from the list so that it may receive individual attention.

G. Authorization for Electronic (telephone) Fund Transfers

Annotation: The telephone transfer of funds between approved depositories is important to the efficient management of school district deposits. Board authorization is requested to allow the executive director of business services to enter into electronic fund transfer agreements with official depositories as provided in Chapter 334, Minnesota Statutes. (See Attached Resolution.)

Recommendation: to adopt the attached resolution which authorizes the executive director of business services to enter into electronic (telephone) fund transfer agreements with the district's official depositories per Chapter 334 of the laws of Minnesota.

H. Authorization for Use of Facsimile Signatures

Annotation: The use of facsimile signatures on school district checks must be authorized by board resolution. Facsimile signatures are also used on individual personnel contracts covered by master agreements. Obviously, this is the only practical method of handling this task. (See Attached Information)

Recommendation: That the school board adopts the attached resolution authorizing the use of facsimile signatures on payroll and claim checks as prescribed in M.S. 47.41 and furthermore that the use of facsimile signatures be authorized for individual personnel contracts covered by board adopted master agreements.

I. Designation of Official Depositories

Annotation: The Business Office maintains a current list of financial institutions to be used for depositing school district funds. The recommended list of depositories for 2017 is shown in the motion.

Recommendation: That the institutions shown below be designated as official depositories of the district for the 2017 calendar year per M.S. 124.05.

U.S. Bank of Minneapolis
Minnesota School Districts Liquid Asset Fund Plus
MN Trust
Associated Bank, WI

J. Appointment to Committees

Committee appointments are made by the chair. Board members were asked to review the list of committee appointments and indicate their interests to the chair.

Recommendation: That the Board of Education approves the board representative appointments for 2017.

K. Authorization to Execute and File Application for State- and Federally-Funded Programs

Annotation: Most state- and federally-funded programs require that the school board, in official session, authorize an agent to execute and file funding applications for the school district and act as its official representatives in those state- and federally-funded programs.

Recommendation: That as of January 1, 2017, Dr. Joseph Gothard, superintendent or his designee be designated as the agent in filing applications for and representing the district in state- and federally-funded programs.

L. Designation of Legal Counsel

Annotation: Policy 202 states that the school board will select the school district's legal counsel at the organizational meeting. The attorney shall attend regular and special meetings of the school board when requested and be available for consultation as needed. The attorney shall be paid on a "time" or "retainer" basis as determined. The appointment of the attorney shall not be construed as a prohibition against seeking legal counsel from other sources when the superintendent or his designees deems it to be advisable. The individuals authorized to contact legal counsel are the school board chair, the superintendent and his designees.

Recommendation: That the following law firms be appointed as legal counsel for Independent School District 191 for 2017 and that they be paid on an hourly basis for services rendered.

Kennedy & Graven Chartered
Pfefferle Kane LLP (formerly Terhaar, Archibald, Pfefferle & Griebel, LLP)
Booth Law Group LLC
Rupp, Anderson, Squires & Waldspurger, P.A.
Knutson Flynn & Deans, P.A.
Hitesman & Wold, P.A.

M. Designation of Official Newspaper

Annotation: Administration recommends designating Sun Thisweek as the official legal newspapers serving our area. This newspaper is widely distributed across the geographic area of the school district.

Recommendation: That Sun Thisweek be designated as the official newspaper for 2017 per M.S. 123.33; Subdivision 11, and M.S. Chapter 331.

N. Designation of Identified Official with Authority for Minnesota Department of Education (MDE) Secure Website Access

Annotation: The Minnesota Department of Education released a new External User Access Recertification System on April 1, 2015. The External User Access Recertification System allows the designated Identified Official(s) with Authority to see everyone with external access to MDE secure systems for their local education agency (LEA); pre-authorize new external user access to MDE secure systems for their LEA; and annually review, recertify or revoke external user access to MDE secure systems for their LEA.

An LEA must resubmit documentation from the school board annually designating the Identified Official with Authority, as well as any time there is a change in the assignment of the Identified Official with Authority. This recommendation serves as the annual recertification of the Identified Official(s) with Authority designation in accordance with Minnesota State Access Control Security Standard 1.0.

Recommendation: To authorize Dr. Joseph Gothard, superintendent and Jami Kenney, executive administrative assistant to act as the Identified Officials with Authority (IOWA) for Burnsville-Eagan-Savage School District 191. Jami Kenney's role as IOWA will be to add pre-authorizations and review authorizations.

INDEPENDENT SCHOOL DISTRICT 191

WIRE TRANSFER AGREEMENT

AUTHORIZED REPRESENTATIVES

January 1, 2017 through December 31, 2017

1. Lisa K. Rider	_____	<u>Executive Director of Business Services</u>	<u>707-2050</u>
2. Gordon Winterlin	_____	<u>Dir/Accounting Services</u>	<u>707-2055</u>
3. Lisa Jenkins	_____	<u>Accounting Specialist</u>	<u>707-2056</u>

Account Name

Independent School District 191

**CERTIFIED RESOLUTION
USE OF FACSIMILE SIGNATURES
BY PUBLIC OFFICIALS**

I _____ Clerk _____
(name of certifying official) (title or position)

of Independent School District #191
(name of governing body)

do hereby certify that the following resolution was duly adopted by said governing body at a meeting thereof duly convened and held on January 12, 2017, and is in full force and effect:

RESOLVED: That the use of facsimile signatures by the following named

public officers _____

Chair Treasurer Clerk

on checks, drafts, warrants, warrant-checks, vouchers or other orders on public funds deposited in U.S. Bank of Minneapolis and Associated Bank, WI and hereby is approved, and that each said named person may authorize said depository bank to honor any such instrument bearing his/her facsimile signature in such form as he/she may designate and to charge the same to the account in said depository bank upon which drawn, as fully as though it bore his/her manually written signature, and that instruments so honored shall be wholly operative and binding in favor of said depository bank although such facsimile signature shall have been affixed without his/her authority.

IN WITNESS WHEREOF, I have hereunto set my hand this 12th day of January, 2017.

CLERK _____
(certifying official)

INDEPENDENT SCHOOL DISTRICT 191

RESOLUTION AUTHORIZING TRANSFER OF FUNDS

From time to time, Independent School District 191 orally requests U.S. Bank of Minneapolis to transfer funds to other banks for credit to persons designated by this District in a manner which makes it inconvenient or impossible to execute the written authorizations, instructions and releases required by said Bank, so that the Bank may have standing instructions upon which to act pursuant to oral request for the transfer of funds:

Be it resolved, that Lisa K. Rider, the Executive Director of Business Services of this District is hereby authorized to enter into the Telephone/Funds (Wire) Transfer Agreement on behalf of this District with U.S. Bank of Minneapolis providing for telephonic requests for the transmission of funds belonging to this District upon the terms and conditions set forth in said agreement, and to delete and appoint such persons, from time to time, who may request such transfers on behalf of this District in accordance with such agreement.

The authority conferred herein shall continue in full force and effect until written notice of its revocation shall be received by said Bank at its office, or on December 31, 2017, whichever is earlier.

I, _____, Clerk of Independent School District 191, hereby certify that the foregoing is a true copy of a resolution adopted by the Board of Education of said District at a meeting of said Board duly and regularly called; Noticed and held, and at which time was present a quorum of said Board on January 12, 2017, and that said resolution is in full force and effect.

I have hereunto subscribed my name this
12th day of January, 2017.

Clerk _____

Chairperson _____

INDEPENDENT SCHOOL DISTRICT 191

RESOLUTION AUTHORIZING TRANSFER OF FUNDS

From time to time, Independent School District 191 orally requests Minnesota School Districts Liquid Asset Fund Plus to transfer funds to other banks for credit to persons designated by this District in a manner which makes it inconvenient or impossible to execute the written authorizations, instructions and releases required by said Bank, so that the Bank may have standing instructions upon which to act pursuant to oral request for the transfer of funds:

Be it resolved, that Lisa K. Rider, the Executive Director of Business Services of this District is hereby authorized to enter into the Telephone/Funds (Wire) Transfer Agreement on behalf of this District with Minnesota School Districts Liquid Asset Fund Plus providing for telephonic requests for the transmission of funds belonging to this District upon the terms and conditions set forth in said agreement, and to delete and appoint such persons, from time to time, who may request such transfers on behalf of this District in accordance with such agreement.

The authority conferred herein shall continue in full force and effect until written notice of its revocation shall be received by said Bank at its office, or on December 31, 2017, whichever is earlier.

I, _____, Clerk of Independent School District 191, hereby certify that the foregoing is a true copy of a resolution adopted by the Board of Education of said District at a meeting of said Board duly and regularly called; Noticed and held, and at which time was present a quorum of said Board on January 12, 2017, and that said resolution is in full force and effect.

I have hereunto subscribed my name this
12th day of January, 2017.

Clerk _____

Chairperson _____

INDEPENDENT SCHOOL DISTRICT 191

RESOLUTION AUTHORIZING TRANSFER OF FUNDS

From time to time, Independent School District 191 orally requests MN Trust to transfer funds to other banks for credit to persons designated by this District in a manner which makes it inconvenient or impossible to execute the written authorizations, instructions and releases required by said Bank, so that the Bank may have standing instructions upon which to act pursuant to oral request for the transfer of funds:

Be it resolved, that Lisa K. Rider, the Executive Director of Business Services of this District is hereby authorized to enter into the Telephone/Funds (Wire) Transfer Agreement on behalf of this District with MN Trust providing for telephonic requests for the transmission of funds belonging to this District upon the terms and conditions set forth in said agreement, and to delete and appoint such persons, from time to time, who may request such transfers on behalf of this District in accordance with such agreement.

The authority conferred herein shall continue in full force and effect until written notice of its revocation shall be received by said Bank at its office, or on December 31, 2017, whichever is earlier.

I, _____, Clerk of Independent School District 191, hereby certify that the foregoing is a true copy of a resolution adopted by the Board of Education of said District at a meeting of said Board duly and regularly called; Noticed and held, and at which time was present a quorum of said Board on January 12, 2017, and that said resolution is in full force and effect.

I have hereunto subscribed my name this
12th day of January, 2017.

Clerk _____

Chairperson _____

INDEPENDENT SCHOOL DISTRICT 191

RESOLUTION AUTHORIZING TRANSFER OF FUNDS

From time to time, Independent School District 191 orally requests Associated Bank, WI to transfer funds to other banks for credit to persons designated by this District in a manner which makes it inconvenient or impossible to execute the written authorizations, instructions and releases required by said Bank, so that the Bank may have standing instructions upon which to act pursuant to oral request for the transfer of funds:

Be it resolved, that Lisa K. Rider, the Executive Director of Business Services of this District is hereby authorized to enter into the Telephone/Funds (Wire) Transfer Agreement on behalf of this District with Associated Bank, WI providing for telephonic requests for the transmission of funds belonging to this District upon the terms and conditions set forth in said agreement, and to delete and appoint such persons, from time to time, who may request such transfers on behalf of this District in accordance with such agreement.

The authority conferred herein shall continue in full force and effect until written notice of its revocation shall be received by said Bank at its office, or on December 31, 2017, whichever is earlier.

I, _____, Clerk of Independent School District 191, hereby certify that the foregoing is a true copy of a resolution adopted by the Board of Education of said District at a meeting of said Board duly and regularly called; Noticed and held, and at which time was present a quorum of said Board on January 12, 2017, and that said resolution is in full force and effect.

I have hereunto subscribed my name this
12th day of January, 2017.

Clerk _____

Chairperson _____

2017 Board Assignments - Standing Committee

Policy Committee (3 board members with one as chair)

Schmid*
Schatz
Miller

Student Performance & Achievement Committee (3 board members with one as chair)

Currier*
Luth
Miller

Technology Committee (3 board member with one as chair)

VandenBoom*
Miller
Schmid

Negotiating Committee (3 board members with one as chair)

Luth*
Schatz
Currier

(*committee chair)

2017 Board Assignments - Other

Meet & Confer (1 board member)

Alt

MSBA (1 board member)

VandenBoom

AMSD (1 board member)

Currier
Schatz (alternate)

Foundation 191 (1 board member)

Schatz

Minnesota State High School League (1 board member)
Schmid

BHS Hall of Fame (1 board member)
Currier

Burnsville Chamber of Commerce (1 board member)
Alt

Savage Chamber of Commerce (1 board member)
Miller

Dakota Chamber of Commerce (1 board member)
VandenBoom

Scott County SCALE (1 board member)
Luth
Currier (alternate)

U of M CIS Program (1 board member)
Schatz

District 917 (1 board member)
Currier

TIES (1 board member)
Luth



ONE91
Burnsville · Eagan · Savage



College & Career Planning

Career Expo!

January 12, 2017

Future Ready. Community Strong.

College & Career Planning has become a central focus of educational reform.

MN Statute 120B:125



The **College & Career Center** is available to help students with all aspects of college and career planning.



By serving the unique needs of all of our students, families and communities, the College and Career Center

- supports high achievement
- supports accessibility to opportunities
- provides a variety of future-planning resources
- connects education and businesses

All Year

College and Military Visits



October

College Knowledge Month



November

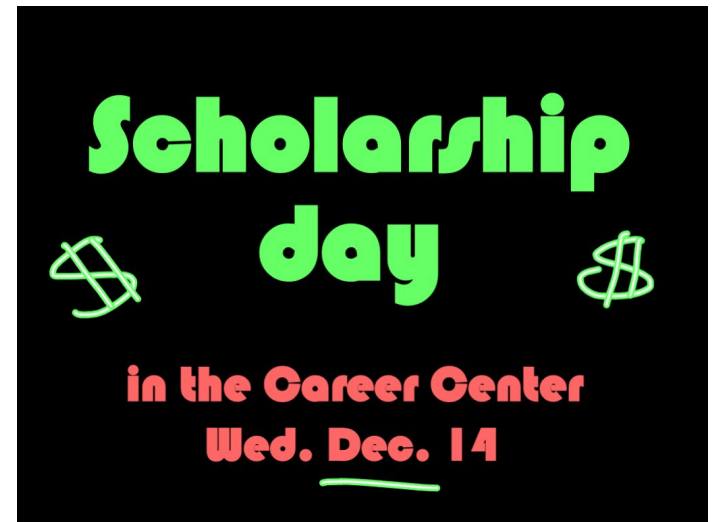
College Fair



26

December

Scholarship Day



C A R E E R



January 30th

3:30-6:00 PM

Career Field
Focus

Up to 80
businesses
represented

February

FAFSA Workshops

28



Today
FAFSA
Workshop
4-7 PM
BHS Career Center

March

Summer Programs & Enrichment Programs Day



40 Years of Inspiring, Educating, Connecting.

2015-16 PROGRAM RECAP

MINNESOTA BUSINESS VENTURE

Minnesota Business Venture (MBV) is a residential summer program that brings high school students together to spend a week learning about leadership, business, financial literacy, and career options. Partnerships with our host campuses, St. Cloud State University and St. John's University, allow students to experience college life firsthand.



St. Cloud State CEOs all ready for students to arrive at camp!



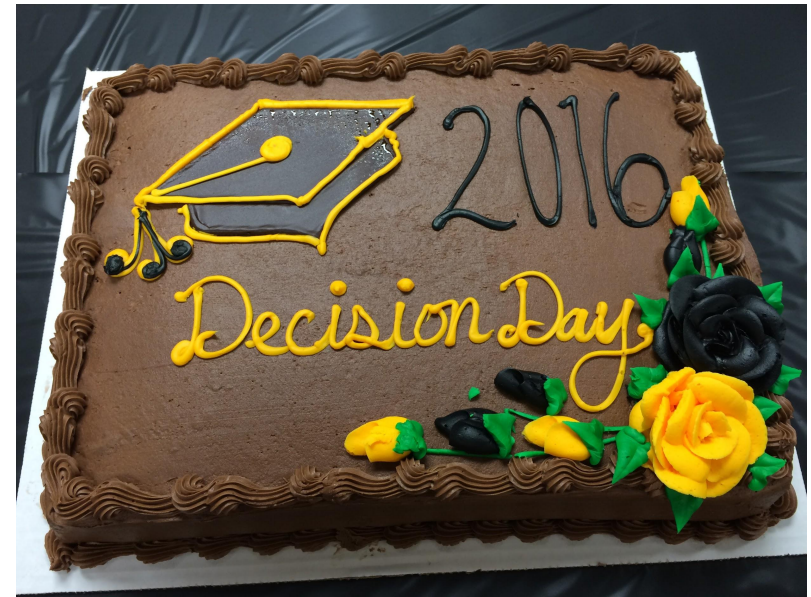
April

Job Faire

May

Decision Day

29



Future Activities

1. **Counselor professional development** around college and career planning
2. In partnership with Burnsville Promise, create **opportunities for work-based learning** (internships, mentorships, job shadows, etc) for all students

School Board Minutes
 INDEPENDENT SCHOOL DISTRICT 191
 December 15, 2016

The meeting of the Board of Education was called to order by Chair Luth at 6:30 p.m. at the Diamondhead Education Center, 200 West Burnsville Parkway, Burnsville, MN.

Call to Order

Members present: Directors Currier, VandenBoom, Schmid, Alt, Hill, and Chair Luth. Others in attendance were Superintendent Gothard, Student Representative Green, administrators, staff and members of the public.

Attendance

Luth welcomed the audience and asked Hill to lead the Pledge of Allegiance.

Pledge of Allegiance

The Truth in Taxation Hearing began at 6:31 p.m. Protocols for the Public Hearing were given by Luth.

Truth in Taxation

Lisa Rider, executive director of business services provided an overview of the district's current budget and information on the proposed property tax.

There were no comments from the public.

The Truth in Taxation Hearing concluded at 6:53 p.m.

Public recognition was given to Pam Walcher, the Minnesota March of Dimes School Nurse of the Year; TIES Award Recipients; Sioux Trail Elementary Innovation Award; and Ron Hill for his service on the Board of Education.

Public Recognitions

Moved by VandenBoom, seconded by Currier, to approve the agenda. Motion carried unanimously (6, 0).

Agenda

Moved by Alt, seconded by Schmid, to approve the consent agenda with removal of item 6:

Consent Agenda
 Minutes
 Personnel

- Approve minutes of the regular board meeting on December 1, 2016.
- Approve personnel recommendations for B. Morrissette, S. Breun, D. Cloutier, C. Dorigan-Slette, A. Iverson, J. Pettes, M. Topic, B. Barr, K. Anderson, R. Lucius, E. Schauer, A. Mousa, E. Vervais, K. Kelling, K. Nicholson, K. Stinson, J. Tillman, A. Alvarado, A. Robinson, H. Eustice, M. Farnsworth-Moses, M. VanderWoude, V. Varpness, and B. Seppelt.

- Adopt a resolution to approve and accept donations.
- Approve Nov. payroll checks numbered 718608-718631 and direct deposit notices numbered 626780-629814, in the net amount of \$3,902,262.60. Nov. and Dec. claims to date represented by checks numbered 449616-450061, 1016749-1016921, and 101737-101777 and wire transfers and adjustments totaling \$7,819,701.13. Accept Oct. receipts

Donations
 Checks, Deposits,
 Receipts and
 Investments

of \$9,597,457.92 and investments for the General Fund, 2012A Alt Facilities, 2015A School Building Bonds and OPEB of \$55,687,384.20 as of November 30, 2016.

- Accept the Budget Analysis for the month ending November 30, 2016.
 - Approve change orders #014, #015 and #016 for the 2016 Additions and Alterations to Metcalf Middle School, William Byrne Elementary and Rahn Elementary schools.

- Approve change order #022 for the 2016 Alterations to Nicollet Middle School, Edward Neill, Sky Oaks and Harriet Bishop Elementary schools.

- Approve change orders #206 and #225 for the 2015 Additions and Alterations to Burnsville High School.

Motion carried unanimously (6, 0).

Budget Analysis

Change Orders

Moved by Hill, seconded by VandenBoom, to approve appointing Director DeeDee Currier as a School Board Member of Intermediate School District 917, to represent Independent School District No. 191, to fulfill the unexpired term of Ron Hill which expires on June 30, 2018. Motion carried after discussion (6, 0).

917 Appointment

Moved by Currier, seconded by Schmid, to certify the final property tax levy for taxes payable in 2017 as follows:

Tax Levy

General - RMV, Voter Approved	\$ 12,748,544.53
General - RMV, Other	4,789,229.00
General - NTC, Voter Approved	2,544,338.98
General - NTC, Other	5,908,434.95
Community Service	1,556,451.69
General Debt Service, Voter Approved	3,446,829.75
General Debt Service, Other	5,658,049.84
OPEB/ Pension, Other	<u>1,381,585.73</u>
 Total	 <u><u>\$ 38,033,464.47</u></u>

Motion carried unanimously after discussion (6, 0).

Received a report on AVID (Advancement Via Individual Determination) from Jeff Pope, AVID Coordinator.

Reports

Received a report on the Google ExploreEDU Events from Dr. Kathy Funston, Director of Strategic Partnerships and Pathways, and Rachel Gorton, Instructional Technology Coordinator.

Received verbal reports from Hill on behalf of the Technology Committee; and Currier on behalf of the Student Performance and Achievement Committee.

Moved by Hill, seconded by Schmid, to adjourn at 8:48 p.m. Motion carried unanimously (6, 0).

January 12, 2017

clerk

Date Approved

DRAFT

January 12, 2017

**Burnsville-Eagan-Savage Public Schools
Independent School District 191
Human Resources**

TO: Members, Board of Education
Joe Gothard, Superintendent

FROM: Stacey Sovine, Executive Director of Human Resources

DATE: January 12, 2017 FINAL

CLASSIFICATION	ACTION	POSITION CONTROL	NAME	FINAL	LOCATION	POSITION	FTE	EFFECTIVE DATE		
Certified	Appointment	Replacement	Debra Brandon		Harriet Bishop Elementary	Teacher Long Term Substitute	.50 FTE	1/3/2017		
			Garrett Geesman		Harriet Bishop Elementary	Teacher Long Term Substitute	1.0 FTE	1/3/2017		
			David Shuman		Burnsville High School	Teacher Counseling Long Term Sub	1.0 FTE	1/3/2017		
			Jocque Warner		Rahn Elementary School	Teacher Long Term Substitute	1.0 FTE	1/9/2017		
	New Position		Allison Mishica		WM. Byrne Elementary School	Teacher	.70 FTE	12/8/2016		
			Susan Pettinger		Sky Oaks Elementary School	Teacher	1.0 FTE	12/8/2016		
			Miriam Rogers	*	Burnsville High School	Teacher	1.0 FTE	1/27/2017		
			Elizabeth Duethman		Burnsville High School	Dean of Students	1.0 FTE	1/13/2017		
			Scheress Hendricks		Burnsville High School	Teacher Counselor	1.0 FTE	1/3/2017		
			Elizabeth Niesen	*	ECSE Center	Teacher Speech	1.0 FTE	2/8/2017		
Classified	Appointment	Replacement	Pamela McGregor		Burnsville High School	Food Service Associate	3.75 hrs/day	1/3/2017		
			Kaho Sugle		Hidden Valley Elementary	EA Level II	3 hrs/day	1/3/2017		
			Amanda Lund		MW Savage Elementary School	EA Level IV	7.25 hrs/day	1/9/2017		
			Lori Gagnon	*	Sioux Trail Elementary School	EA Level II	4 hrs/day	1/19/2017		
	New Position		Mary Alvarado		Burnsville High School	Custodian Level I	8 hrs/day	1/12/2017		
			Rachel Tushaus	*	Burnsville High School	Nursing Instructor		1/27/2017		
			Kimberly Emerson	*	District-wide	AVID Tutor		1/6/2017		
	Change of Assignment		Elizabeth Vervais		Sioux Trail Elementary	EA Level II	3/hrs day	12/19/2016		
			Phyllis Ryan		Sioux Trail Elementary	EA Level II	5/hrs/day	12/20/2016		
			Lori Skahen		Sioux Trail Elementary	EA Level III	6 hrs/day	12/19/2016		
Replacement		Regina Thep		Community Education	CE Program Associate	5.25 hrs/day	12/27/2016			
		Christian Wollersheim		Maintenance Building	Custodian Level II	8 hrs/day	1/9/2017			
Resignation		Ammanuel Robinson		Burnsville High School	EA Level IV	7 hrs/day	1/27/2017			
		Ross Larson		Gideon Pond Elementary	Food Service Manager	7.5 hrs/day	1/13/2017			
		Cathy Solberg		Hidden Valley Elementary	EA Level IV	7.25 hrs/day	1/12/2017			
		Jimmy Souvannavong		Metcalf Middle School	EA Level IV	7 hrs/day	1/1/2017			
		Abigail Ballejo-Nochez	*	Hidden Valley Elementary	EA Level II	3 hrs/day	1/18/2017			
		Patricia Byrne	*	MW Savage Elementary School	Clerical Level I	4 hrs/day	2/28/2017			
		Co-Curricular/Coach	Appointment	Replacement	Alexandra Bonvino		Burnsville High School	Assistant Dance Team Coach		Winter Season
					Karen Gray		Gideon Pond Elementary	Site Volunteer Coordinator		Year Round
		New Position	Erika Bocklund	*	Burnsville High School	Assistant Alpine Ski Coach		Winter Season		



**Agenda IV.A.3.
January 12, 2017**

To: Members, Board of Education
Dr. Joe Gothard, Superintendent

From: Lisa K. Rider, Executive Director of Business Services

Date: January 6, 2017

Re: Donations

RECOMMENDATION: To adopt a resolution to approve and accept donations as presented.

RESOLUTION TO ACCEPT DONATIONS

WHEREAS,

1. School Board Policy 706 establishes guidelines for the acceptance of gifts to the District; and
2. Minnesota Statute 123B.02, Subd. 6 states the School Board may receive, for the benefit of the district, bequests, donations, or gifts for any proper purpose and apply the same to the purpose designated; and
3. Minnesota Statute 465.03 states the School Board may accept a grant or devise of real or personal property only by the adoption of a resolution approved by two-thirds of its members; and
4. Businesses and individuals have submitted donations to the district;

THEREFORE, BE IT RESOLVED by the School Board of ISD 191 to approve and accept with appreciation the donations as presented below and to permit their use as designated by the donors.

Moved by: _____

Seconded by: _____

Members in favor of the motion:

Members opposed:

Whereupon said Resolution was declared duly passed and adopted on January 12, 2017.

Jim Schmid
Clerk – Board of Education

Date	Donor	Recipient	Terms	Donation
12/8/2016	James & Jennifer Kennedy	Harriet Bishop Elementary	To help support our students and staff	\$100.00
12/6/2016	Target-Burnsville	Hidden Valley Elementary	Used to purchase additional toys for our "Toys for Tots" coin drive.	\$100.00 Gift Card
12/9/2016	Sonya Larson	District 191	students	Alto Sax
12/9/2016	June Herman	District 191	students	flute (valued at \$20.00)
12/9/2016	Emily Lowry	District 191	students	percussion set and French horn
12/8/2016	Patrick Stieg	District 191	BrainPower in a Backpack	\$26.00
12/12/2016	Kathleen Lowry	District 191	students	French horn and drum kit
11/28/2016	Isaac Johnson	Joseph Nicollet Middle School	Donation to FACS Class	\$5.00
11/28/2016	Gavin Lutz	Joseph Nicollet Middle School	Donation to FACS Class	\$5.00
11/28/2016	Cameron Passon	Joseph Nicollet Middle School	Donation to FACS Class	\$10.00
11/28/2016	Josh Smith	Joseph Nicollet Middle School	Donation to FACS class.	\$5.00
11/28/2016	Calvin Hume	Joseph Nicollet Middle School	Donation to FACS class.	\$5.00
11/28/2016	Carter Westermayer	Joseph Nicollet Middle School	Donation to FACS class.	\$5.00
11/28/2016	Eddie Alvarado	Joseph Nicollet Middle School	Donation to FACS class.	\$5.00
11/28/2016	Rachel Scully	Joseph Nicollet Middle School	Donation to FACS class.	\$10.00
11/28/2016	Elizabeth Genis	Joseph Nicollet Middle School	Donation to FACS class.	\$5.00
11/28/2016	Ryan McElroy	Joseph Nicollet Middle School	Donation to FACS class.	\$5.00
11/28/2016	Tedayth Sam	Joseph Nicollet Middle School	Donation to FACS class.	\$5.00
11/28/2016	Isabella Verdeja	Joseph Nicollet Middle School	Donation to FACS class.	\$5.00
11/28/2016	Ethan Lutz	Joseph Nicollet Middle School	Donation to FACS class.	\$5.00

11/28/2016	Dhimitrius Mohamud	Joseph Nicollet Middle School	Donation to FACS class.	\$5.00
11/28/2016	Zoe Aldridge	Joseph Nicollet Middle School	Donation to FACS class.	\$5.00
11/28/2016	Sabrina Bollinger	Joseph Nicollet Middle School	Donation to FACS class.	\$10.00
11/28/2016	Huda Mohamed	Joseph Nicollet Middle School	Donation to FACS class.	\$4.00
11/28/2016	Christopher Parson	Joseph Nicollet Middle School	Donation to FACS class.	\$10.00
12/15/2016	Sales Rep MyOn	Sioux Trail Elementary	Books to support "One School, One Book"	30 Hardcover books
12/15/2016	Foundation 191	M.W. Savage Elementary	Support of DLS	\$719.00
12/16/2016	Foundation 191	Gideon Pond Elementary	Foundation 191 grant	\$458.82
12/16/2016	Burnsville Rotary Foundation/Garden Club	Gideon Pond Elementary	Winter clothing needs for students	\$250.00
11/30/2016	Anita Johnson	Vista View Elementary	to support the re-opening of our stage	\$450.00
12/12/2016	Refuge Friends, Inc., Blue Goos Bus Fund	Vista View Elementary	to help support science in our school	Paid for buses so that our students could experience nature/wildlife
12/5/2016	Vista View PTO	Vista View Elementary	help support student needs from the health office perspective - clothing, etc.	\$100.00
12/13/2016	The Alley Church	Hidden Valley Elementary	To be distributed to students in need	Hats, mittens, gloves, scarves, snowpants
12/28/2016	Joel Mullins	BrainPower in a Backpack	Cash donation	\$2,000.00
12/20/2016	Pam Waller	Com Ed Youth Service Ecuador	Donation to students going on Service Trip to Ecuador	\$250.00
12/21/2016	Kwick Trip	Com Ed Youth Service Ecuador	To help students who were going to Ecuador on a Service Trip	2 - \$25 gift cards to Kwick Trip for Silent Auction
1/3/2017	Closet of Hope Ministry - Dawn Anderson	Sioux Trail Elementary	Student use where needed.	Book covers, scissors, new pants & underwear for health office, hats, mittens, and gloves
1/3/2017	Thomson Reuters / My Community Program	Harriet Bishop Elementary	To help support our students and staff	\$100.00
12/22/2016	Kathleen Volner & Anonymous	District 191	Not Specified	\$226.14
12/14/2016	Burnsville Rotary Breakfast Club Foundation	BrainPower in a backpack	Grant	\$1,725.59

Total monetary contributions to accept: **\$6,514.55**



Future Ready. Community Strong.

**Agenda IV.A.4.
January 12, 2017**

To: Board of Education, Members
Dr. Joe Gothard, Superintendent

From: Board Chair

Date: January 12, 2017

Re: Winter Board Retreat

RECOMMENDATION: that the Board of Education approves scheduling a board retreat on January 25, 2017 from 5:00 p.m. to 9:00 p.m. at the Best Western Premier Nicollet, 14201 Nicollet Avenue, Burnsville, MN, 55337.

The purpose of the retreat is for board development.



**Agenda IV.A.5.
January 12, 2017**

**To: Members, Board of Education
Superintendent Gothard**

From: Lisa K. Rider, Executive Director of Business Services

Date: January 12, 2017

**Re: Change Orders #164R, #211, #216, #221, #223, #224, #226, #227, #229, #230,
#231, #233 and #234 for the 2015 Additions and Alterations to Burnsville High
School**

RECOMMENDATION: That the Board of Education approve change orders #164R, #211, #216, #221, #223, #224, #226, #227, #229, #230, #231, #233 and #234 for the 2015 Additions and Alterations to Burnsville High School.

On May 28th, 2015 the school board awarded contracts for bid package #1, on June 25, 2015 the school board awarded one contract for bid package #2, on August 13, 2015 the school board awarded contracts for bid package #3 and on October 22, November 5, November 19 and December 17, 2015 school board awarded contracts for bid package #4 for the 2015 Additions and Alterations to the Burnsville High School.

Change order #164R for contract #3290 (Urban Companies, LLC) is in the amount of \$14,188.00. Items on this change order include the deletion of sod due to a new sidewalk being put in its place, added seeding and sod and erosion control, the addition of a retaining wall and irrigation sleeves added underneath bituminous for future irrigation.

Change order #211 for contract #0920 (Commercial Drywall, Inc.) is in the amount of \$19,897.00. Items on this change order include additional work that was not shown on the plans. All items were directed by ATS&R.

Change order #216 for contract #0340 (Wells Concrete Products Company) is a reduction in the amount of (\$3,053.00). The reason for this reduction is a back charge to Lloyd's construction for saw cutting a missed mechanical opening.

Change order #221 for contract #0345 (Wells Concrete Products Company) is a reduction in the amount of (\$1,322.00). Items on this change order include additional



thin brick, filling in core holes in precast walls, and back charges for brick patching done by Crosstown Masonry and Fransen Decorating, Inc. for painting the precast panels that were patched.

Change order #223 for contract #0511 (Red Cedar Steel Erectors Inc.) is a reduction in the amount of (\$1,489.00). Items on this change order include the deletion of a screen wall at the cooling tower location, a back charge for fixing tile in the locker room location that was damaged, a back charge for Fransen Decorating, Inc. to prime their steel and an added cost to modify a mis-fabricated hand railing.

Change order #224 for contract #0550 (American Structural Metals Inc.) Is a reduction in the amount of (\$7,950.00). Items on this change order include supplying galvanized railings that were not part of the project, a reduction in cost by not adding a screen wall at the cooling tower location and a back charge to add an extension to a rail that was mis-fabricated.

Change order #226 for contract #2100 (Total Fire Protection Inc.) Is in the amount of \$16,204.00. Items on this change order include rerouting sprinkler lines to accommodate rooftop units, moving sprinkler heads in the CNA lab due to the ceiling being too low, adding a window wash to meet code, adjustments to sprinkler pipes for new ceiling heights in the keyboard lab and back charges to other companies that patched and painted where sprinkler pipes were ran through walls.

Change order #227 for contract #0330 (Northland Concrete & Masonry Company LLC) is in the amount of \$25,400.00. Items on this change order include bases for new flagpoles at the football stadium, an additional poured 12 inches of concrete wall to accommodate a revision in the ramp in the activity center, sidewalks that were not shown on the plans and over time to stay on schedule for completion.

Change order #229 for contract #2601 (People's Electric Company Inc.) Is in the amount of \$8,369.00. Items on this change order include added lighting for the flagpole in the front of the high school, wiring for a new VFD to replace a failed VFD and miscellaneous wiring done during the project.

Change order #230 for contract #0950 (Kirk Acoustics Inc.) Is in the amount of \$8,819.00. Items on this change order include acoustical wall panels in place of Windows, installation of break metal for soffits and reconfigured trims on ceilings and added ceilings and soffits.

Change order #231 for contract #2302 (Thelen Heating & Roofing Inc.) Is in the amount of \$1,509.00. Items on this change order include modifications to an exhaust



fan and moving a filter rack, modifications to an existing exhaust duct and a reduction for not replacing 16 chilled water valves at various HVAC units.

Change order #233 for contract #0610 (George F Cook Construction Co) is in the amount of \$13,672.00. Items this change order include casework in the CNA lab that was missed on the drawings, expansion plates at door openings between the existing building and new addition, additional casework in the new office area in the West addition and added tack boards in various locations.

Change order #234 for contract #2100 (Total Fire Protection Inc.) In the amount of \$10,573.00. Items on this change order include changing out the wet sprinkler system to a dry sprinkler system in the maintenance garage to prevent freeze ups and modifications to the ceiling at the fire doors in the West addition which required new sprinkler heads.

To date total change orders in amount of \$2,084,425.00 to the 45 original contract amounts of \$37,734,946.00 brings the total contracts with change orders to \$39,819,371.00. This represents change orders of 5.52% of original bid amounts.

The items on these change orders have been reviewed and validated by ATS&R Architects and Engineers and WENCK Construction Inc.

CHANGE ORDER

CONSTRUCTION MANAGER-ADVISER EDITION

AIA DOCUMENT G701/CMa

NOV 17 2016

OWNER

CONSTRUCTION MANAGER

ARCHITECT

CONTRACTOR

FIELD

OTHER

PCO # 168R

(Instructions on reverse side)

DEC 09 2016

PROJECT:
(Name and address)

2015 ADDITIONS & ALTERATIONS TO
BURNSVILLE HIGH SCHOOL BP #3
600 EAST HIGHWAY 13
BURNSVILLE, MINNESOTA 55337

CHANGE ORDER NO.: 3290.006R

TO CONTRACTOR:
(Name and address)

G URBAN COMPANIES, LLC
3781 LABORE ROAD
ST PAUL, MINNESOTA 55110

INITIATION DATE: 11/04/16

PROJECT NOS.: 301504.01

CONTRACT FOR: Contract #3290
Landscaping/Irrigation
Systems

CONTRACT DATE: 8/13/2015

The Contract is changed as follows:

Provide labor and material as necessary to complete the work for noted on the attached Page #2

RECEIVED

DEC - 5 2016

ARMSTRONG, TORSETH
SKOLD & RYDEEN, INC.

Not valid until signed by the Owner, Construction Manager, Architect and Contractor.

The original (Contract Sum) (Guaranteed Maximum Price) XXXXXXXXXXXXXXXXXXXX	\$	240,069.00
Net change by previously authorized Change Orders	\$	15,447.00
The (Contract Sum) (Guaranteed Maximum Price) prior to this Change Order was XXXXXXXXXXXXXXXXXXXX	\$	255,516.00
The (Contract Sum) (Guaranteed Maximum Price) will be (increased) (decreased) (unchanged) by this Change Order	\$	14,188.00
The new (Contract Sum) (Guaranteed Maximum Price) including this Change Order will be	\$	269,704.00
The Contract Time will be (increased) (decreased) (unchanged) by	zero	(-0-) days
The date of Substantial Completion as of the date of this Change Order therefore is	unchanged.	

NOTE: This summary does not reflect changes in the Contract Sum, Contract Time or Guaranteed Maximum Price which have been authorized by Construction Change Directive.

WENCK CONSTRUCTION INC.

CONSTRUCTION MANAGER
7500 Olson Memorial Hwy, Golden Valley, MN 55427
ADDRESS

BY *[Signature]* DATE 11/25/16

G URBAN COMPANIES, LLC

CONTRACTOR
3781 LaBore Road, St. Paul, MN 55110
ADDRESS

BY *[Signature]* DATE 11/15/16

ARMSTRONG, TORSETH, SKOLD, & RYDEEN ARCH.

ARCHITECT
8501 Golden Valley Road, Ste. 300, Mpls., MN 55427
ADDRESS

BY *[Signature]* DATE 12/7/16

BURNSVILLE-EAGAN-SAVAGE PUBLIC SCHOOLS

OWNER
100 River Ridge Court, Burnsville, MN 55337
ADDRESS

BY _____ DATE _____



CAUTION: You should use an original AIA document which has this caution printed in red. An original assures that changes will not be obscured as may occur when documents are reproduced.

Change Order

Burnsville High School

Project # 30150401
 Tel: 952-707-2000 Fax: 952-707-2102

Date: 11/4/2016

Contractor:
 Urban Companies
 3781 Labore Road
 St. Paul, MN 55110

Architect's Project No:
Contract Date:
Contract Number: 3290
Change Order Number: 006

The Contract is hereby revised by the following items:

PCO	Item #	Description	Amount
PR-143R2	002	Deletion of sod per PR 143R2.	-540
PR-145R	003	Added seeding, sod, and erosion control per PR 145R	7,545
PR-151R	001	Added retaining wall near catch basin in front of school per PR 151R.	1,460
RCO-155	001	Added irrigation sleeves in front of building.	5,723

The original Contract (s) Value was.....	240,069
Sum of changes by prior Change Orders.....	15,447
The Contract Value prior to this Change Order was.....	255,516
The Contract Value will be changed by this Change Order in the amount of.....	14,188
The new Contract Value including this Change Order will be.....	269,704
The Contract duration will be changed by.....	0 days
The revised Substantial Completion date as of this Change Order is.....	

CHANGE ORDER

CONSTRUCTION MANAGER-ADVISER EDITION
AIA DOCUMENT G701/CMa

NOV 17 2016
DEC 09 2016

OWNER	<input checked="" type="checkbox"/>	PCO # 211
CONSTRUCTION MANAGER	<input checked="" type="checkbox"/>	
ARCHITECT	<input checked="" type="checkbox"/>	
CONTRACTOR	<input checked="" type="checkbox"/>	
FIELD	<input type="checkbox"/>	
OTHER	<input type="checkbox"/>	

(Instructions on reverse side)

PROJECT: 2015 ADDITIONS & ALTERATIONS TO
(Name and address) BURNSVILLE HIGH SCHOOL BP #4
600 EAST HIGHWAY 13
BURNSVILLE, MINNESOTA 55337

TO CONTRACTOR: COMMERCIAL DRYWALL, INC.
(Name and address) 3026 161ST AVENUE NW
ANDOVER, MINNESOTA 55304

CHANGE ORDER NO.: 0920.007
INITIATION DATE: 10/05/16
PROJECT NOS.: 301504.01
CONTRACT FOR: Contract #0920
CONTRACT DATE: Drywall/Cold Formed
Metal Framing/DEFS
11/5/2015

The Contract is changed as follows:

Provide labor and material as necessary to complete the work as noted on the attached Page #2

RECEIVED

DEC - 5 2016

ARMSTRONG, TORSETH

SKOLD & RYDEEN, INC.

Not valid until signed by the Owner, Construction Manager, Architect and Contractor.

The original (Contract Sum) (Guaranteed Maximum Price)	\$	609,850.00
Net change by previously authorized Change Orders	\$	68,907.00
The (Contract Sum) (Guaranteed Maximum Price) prior to this Change Order was	\$	678,757.00
The (Contract Sum) (Guaranteed Maximum Price) will be (increased) (decreased) (unchanged) by this Change Order	\$	19,897.00
The new (Contract Sum) (Guaranteed Maximum Price) including this Change Order will be	\$	698,654.00
The Contract Time will be (increased) (decreased) (unchanged) by	zero	(-0-) days
The date of Substantial Completion as of the date of this Change Order therefore is		unchanged.

NOTE: This summary does not reflect changes in the Contract Sum, Contract Time or Guaranteed Maximum Price which have been authorized by Construction Change Directive.

WENCK CONSTRUCTION INC.
CONSTRUCTION MANAGER
7500 Olson Memorial Hwy, Golden Valley, MN 55427
ADDRESS
BY: *[Signature]* DATE: 11/25/16

ARMSTRONG, TORSETH, SKOLD, & RYDEEN ARCH.
ARCHITECT
8501 Golden Valley Road, Ste. 300, Mpls., MN 55427
ADDRESS
BY: *[Signature]* DATE: 12/7/16

COMMERCIAL DRYWALL, INC.
CONTRACTOR
3028 161st Avenue NW, Andover, MN 55304
ADDRESS
BY: *[Signature]* DATE: 11/14/16

BURNSVILLE-EAGAN-SAVAGE PUBLIC SCHOOLS
OWNER
100 River Ridge Court, Burnsville, MN 55337
ADDRESS
BY: _____ DATE: _____



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211

Change Order

Burnsville High School

Project # 30150401

Tel: 952-707-2000 Fax: 952-707-2102

Date: 10/5/2016

Contractor:

Commercial Drywall, Inc.
3026 161st Avenue NW
Andover, MN 55304

Architect's Project No:

Contract Date:

Contract Number: 0920

Change Order Number: 007

The Contract is hereby revised by the following items:

PCO	Item #	Description	Amount
PR-118	004	Provide gypsum board enclosure above CMU to metal deck between 8-101 and 9-101 per PR 118.	1,286
PR-130	002	Added dropped soffits per PR 130.	2,056
PR-137	002	Additional drywall work per PR 137. Time & material verified.	5,821
RCO-174	006	Furr wall for electrical and tile in 7-001 A per ATSR field direction	1,295
RCO-174	007	Rework radius soffit to accommodate new ceiling height per ATSR field direction and PR 140.	2,594
RCO-174	008	Frame and rock 3 misc columns per ATSR field direction	2,153
RCO-174	009	Furr wall out where brick was removed in area 11/12 corridor per ATSR field direction.	950
RCO-174	010	Fur block walls to accommodate tile in 11-133 and 11-108 per ATSR field direction.	985
RCO-174	011	Laminate rock in hallway for tile per ATSR field direction.	1,072
RCO-174	012	Frame and rock ceiling in 11-132 because no ceiling was shown on plans.	414
RCO-174	013	Provide access panels in ceilings where necessary but not shown on plans.	1,271

The original Contract (s) Value was.....	609,850
Sum of changes by prior Change Orders.....	68,907
The Contract Value prior to this Change Order was.....	678,757
The Contract Value will be changed by this Change Order in the amount of.....	19,897
The new Contract Value including this Change Order will be.....	698,654
The Contract duration will be changed by.....	0 days
The revised Substantial Completion date as of this Change Order is.....	

Am

CHANGE ORDER

CONSTRUCTION MANAGER-ADVISER EDITION

AIA DOCUMENT G701/CMa

NOV 17 2016

DEC 09 2016

OWNER	<input checked="" type="checkbox"/>	PCO #	216
CONSTRUCTION MANAGER	<input checked="" type="checkbox"/>		
ARCHITECT	<input checked="" type="checkbox"/>		
CONTRACTOR	<input checked="" type="checkbox"/>		
FIELD	<input type="checkbox"/>		
OTHER	<input type="checkbox"/>		

(Instructions on reverse side)

PROJECT: 2015 ADDITIONS & ALTERATIONS TO
 (Name and address) BURNSVILLE HIGH SCHOOL BP #3
 600 EAST HIGHWAY 13
 BURNSVILLE, MINNESOTA 55337

CHANGE ORDER NO.: 0340.003

INITIATION DATE: 10/13/16

TO CONTRACTOR: WELLS CONCRETE PRODUCTS COMPANY
 (Name and address) 835 HIGHWAY 109 NE
 PO BOX 308
 WELLS, MINNESOTA 56097-0308

PROJECT NOS.: 301504.01

CONTRACT FOR: Contract #0340
 Structural Precast
 Concrete

CONTRACT DATE: 8/13/2015

The Contract is changed as follows:

Provide labor and material as necessary to complete the work as noted on the attached Page #2

RECEIVED

DEC - 5 2016

ARMSTRONG, TORSETH
SKOLD & RYDEEN, INC.

Not valid until signed by the Owner, Construction Manager, Architect and Contractor.

The original (Contract Sum) (Guaranteed Maximum Price) was	\$	933,340.00
Net change by previously authorized Change Orders	\$	(6,457.00)
The (Contract Sum) (Guaranteed Maximum Price) prior to this Change Order was	\$	926,883.00
The (Contract Sum) (Guaranteed Maximum Price) will be (increased) (decreased) (unchanged) by this Change Order	\$	(3,053.00)
The new (Contract Sum) (Guaranteed Maximum Price) including this Change Order will be	\$	923,830.00
The Contract Time will be (increased) (decreased) (unchanged) by	zero	(-0-) days
The date of Substantial Completion as of the date of this Change Order therefore is		unchanged.

NOTE: This summary does not reflect changes in the Contract Sum, Contract Time or Guaranteed Maximum Price which have been authorized by Construction Change Directive.

WENCK CONSTRUCTION INC.

CONSTRUCTION MANAGER
 7500 Olson Memorial Hwy, Golden Valley, MN 55427

ADDRESS *[Signature]* 11/25/16
 BY DATE

WELLS CONCRETE PRODUCTS COMPANY

CONTRACTOR
 835 Highway 109 NE, Wells, MN 56097

ADDRESS *[Signature]* Project Manager 11-15-16
 BY DATE

ARMSTRONG, TORSETH, SKOLD, & RYDEEN ARCH.

ARCHITECT
 8501 Golden Valley Road, Ste. 300, Mpls., MN 55427

ADDRESS *[Signature]* 12/7/16
 BY DATE

BURNSVILLE-EAGAN-SAVAGE PUBLIC SCHOOLS

OWNER
 100 River Ridge Court, Burnsville, MN 55337

ADDRESS
 BY DATE



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Change Order

Burnsville High School

Project # 30150401
 Tel: 952-707-2000 Fax: 952-707-2102

Date: 10/13/2016

Contractor:
 Wells Concrete Products, Inc.
 835 Highway 109 NE,
 PO Box 308
 Wells, MN 56097

Architect's Project No:
Contract Date:
Contract Number: 0340
Change Order Number: 003

The Contract is hereby revised by the following items:

PCO	Item #	Description	Amount
RCO-189	005	Sawcutting missed mechanical opening and top of ramp west of gym. Back charge from Lloyd's to Wells.	-3,053

The original Contract (s) Value was.....	933,340
Sum of changes by prior Change Orders.....	-6,457 ✓
The Contract Value prior to this Change Order was.....	926,883
The Contract Value will be changed by this Change Order in the amount of.....	-3,053 ✓
The new Contract Value including this Change Order will be.....	923,830 ✓
The Contract duration will be changed by.....	0 days
The revised Substantial Completion date as of this Change Order is.....	

*OK
JH*

CHANGE ORDER

CONSTRUCTION MANAGER-ADVISER EDITION

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NOV 17 2016

DEC 09 2016

OWNER	<input checked="" type="checkbox"/>	PCO # 221
CONSTRUCTION MANAGER	<input checked="" type="checkbox"/>	
ARCHITECT	<input checked="" type="checkbox"/>	
CONTRACTOR	<input checked="" type="checkbox"/>	
FIELD	<input type="checkbox"/>	
OTHER	<input type="checkbox"/>	

(Instructions on reverse side)

PROJECT: 2015 ADDITIONS & ALTERATIONS TO
 (Name and address) BURNSVILLE HIGH SCHOOL BP #2
 600 EAST HIGHWAY 13

CHANGE ORDER NO.: 0345.005

INITIATION DATE: 10/20/16

TO CONTRACTOR: BURNSVILLE, MINNESOTA 55337
 (Name and address) WELLS CONCRETE PRODUCTS COMPANY
 835 HIGHWAY 109 NE
 PO BOX 308
 WELLS, MINNESOTA 56097-0308

PROJECT NOS.: 301504.01

CONTRACT FOR: Contract #0345
 Precast Concrete Wall
 Panels

CONTRACT DATE: 6/25/2015

The Contract is changed as follows:

Provide labor and material as necessary to complete the work as noted on the attached Page #2

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ARMSTRONG, TORSETH

SKOLD & RYDEEN INC

Not valid until signed by the Owner, Construction Manager, Architect and Contractor.

The original (Contract Sum) (Guaranteed Maximum Price) was	\$	2,615,000.00
Net change by previously authorized Change Orders	\$	(102,886.00)
The (Contract Sum) (Guaranteed Maximum Price) prior to this Change Order was	\$	2,512,114.00
The (Contract Sum) (Guaranteed Maximum Price) will be (increased) (decreased) (unchanged) by this Change Order	\$	(1,322.00)
The new (Contract Sum) (Guaranteed Maximum Price) including this Change Order will be ...	\$	2,510,792.00
The Contract Time will be (increased) (decreased) (unchanged) by	zero	(-0-) days
The date of Substantial Completion as of the date of this Change Order therefore is		unchanged.

NOTE: This summary does not reflect changes in the Contract Sum, Contract Time or Guaranteed Maximum Price which have been authorized by Construction Change Directive.

WENCK CONSTRUCTION INC.

CONSTRUCTION MANAGER
 7500 Olson Memorial Hwy, Golden Valley, MN 55427

ADDRESS *[Signature]*
 BY *[Signature]* DATE 11/25/16

WELLS CONCRETE PRODUCTS COMPANY

835 Highway 109 NE, Wells, MN 56097

ADDRESS *[Signature]* Project Manager
 BY *[Signature]* DATE 11-15-16

ARMSTRONG, TORSETH, SKOLD, & RYDEEN ARCH.

ARCHITECT
 8501 Golden Valley Road, Ste. 300, Mpls., MN 55427

ADDRESS *[Signature]* 12/7/16
 BY *[Signature]* DATE

BURNSVILLE-EAGAN-SAVAGE PUBLIC SCHOOLS

100 River Ridge Court, Burnsville, MN 55337

ADDRESS
 BY
 DATE



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Change Order

Burnsville High School

Project # 30150401

Tel: 952-707-2000 Fax: 952-707-2102

Date: 10/20/2016

Contractor:

Wells Concrete Products, Inc.
 835 Highway 109 NE,
 PO Box 308
 Wells, MN 56097

Architect's Project No:

Contract Date:
Contract Number: 0345
Change Order Number: 005

The Contract is hereby revised by the following items:

PCO	Item #	Description	Amount
PR-073R2	005	Laying up thin brick at right side of vestibule per PR 073R2.	2,500
RCO-173	003	Brick patching at south wall of Area 11. Done by Crosstown for Wells. Back charge to Wells.	-1,450
RCO-194	001	Fill in 5 abandoned core holes in precast wall panels due to locations changing between BP2 and BP4.	2,241
RCO-198	003	Back charge to Wells for Fransen painting precast panels that were patched.	-4,613

The original Contract (s) Value was.....	2,615,000
Sum of changes by prior Change Orders.....	-102,886
The Contract Value prior to this Change Order was.....	2,512,114 ✓
The Contract Value will be changed by this Change Order in the amount of.....	-1,322 ✓
The new Contract Value including this Change Order will be.....	2,510,792 ✓
The Contract duration will be changed by.....	0 days
The revised Substantial Completion date as of this Change Order is.....	

JK

CHANGE ORDER

CONSTRUCTION MANAGER-ADVISER EDITION

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(Instructions on reverse side)

OWNER	<input checked="" type="checkbox"/>	PCO #	223
CONSTRUCTION MANAGER	<input checked="" type="checkbox"/>		
ARCHITECT	<input checked="" type="checkbox"/>		
CONTRACTOR	<input checked="" type="checkbox"/>		
FIELD	<input type="checkbox"/>		
OTHER	<input type="checkbox"/>		

PROJECT: 2015 ADDITIONS & ALTERATIONS TO
 (Name and address) BURNSVILLE HIGH SCHOOL BP #4
 600 EAST HIGHWAY 13
 BURNSVILLE, MINNESOTA 55337

TO CONTRACTOR:
 (Name and address) RED CEDAR STEEL ERECTORS, INC.
 4621 DOMAIN DRIVE
 MENOMONIE, WISCONSIN 54751

CHANGE ORDER NO.: 0511.001

INITIATION DATE: 11/02/16

PROJECT NOS.: 301504.01

CONTRACT FOR: Contract #0511
Misc Metals
Erection

CONTRACT DATE: 11/5/2015

The Contract is changed as follows:

Provide labor and material as necessary to complete the work as noted on the attached Page #2

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ARMSTRONG, TORSETH
SKOLD & RYDEEN, INC.

Not valid until signed by the Owner, Construction Manager, Architect and Contractor.

The original (Contract Sum) (Guaranteed Maximum Price)	\$	126,500.00
Net change by previously authorized Change Orders	\$	0.00
The (Contract Sum) (Guaranteed Maximum Price) prior to this Change Order was	\$	126,500.00
The (Contract Sum) (Guaranteed Maximum Price) will be (increased) (decreased) (unchanged) by this Change Order	\$	(1,489.00)
The new (Contract Sum) (Guaranteed Maximum Price) including this Change Order will be	\$	125,011.00
The Contract Time will be (increased) (decreased) (unchanged) by	zero	(-0-) days
The date of Substantial Completion as of the date of this Change Order therefore is		unchanged.

NOTE: This summary does not reflect changes in the Contract Sum, Contract Time or Guaranteed Maximum Price which have been authorized by Construction Change Directive.

WENCK CONSTRUCTION INC.
 CONSTRUCTION MANAGER
 7500 Olson Memorial Hwy, Golden Valley, MN 55427
 ADDRESS _____
 BY *Lodee Dean* 11/25/16
 DATE
 RED CEDAR STEEL ERECTORS, INC.
 CONTRACTOR
 4621 Domain Drive, Menomonie, WI 54751
 ADDRESS _____
 BY *Jay Weyl* 11-14-16
 DATE

ARMSTRONG, TORSETH, SKOLD, & RYDEEN ARCHITECT
 ARCHITECT
 8501 Golden Valley Road, Ste. 300, Mpls., MN 55427
 ADDRESS _____
 BY *W. J. J. J.* 12/7/16
 DATE
 BURNSVILLE-EAGAN-SAVAGE PUBLIC SCHOOLS
 OWNER
 100 River Ridge Court, Burnsville, MN 55337
 ADDRESS _____
 BY _____
 DATE



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Change Order

Burnsville High School

Project # 30150401

Tel: 952-707-2000 Fax: 952-707-2102

Date: 11/2/2016

Contractor:

Red Cedar Steel Erectors, Inc.
4621 Domain Drive
Menomonie, WI 54751

Architect's Project No:

Contract Date:

Contract Number: 0511

Change Order Number: 001

The Contract is hereby revised by the following items:

PCO	Item #	Description	Amount
PR-152	001	Delete erection of screen wall per PR 152.	-1,944
RCO-165	005	Fixing tile in locker rooms that was damaged by red cedar. Back charge to red cedar.	-685
RCO-185	002	Cost to add extension to rail mis-fabricated by ASM. Back charge to ASM.	1,680
RCO-198	002	Back charge to Red Cedar for Fransen having to prime their steel.	-540

The original Contract (s) Value was.....	126,500 ✓
Sum of changes by prior Change Orders.....	0
The Contract Value prior to this Change Order was.....	126,500 ✓
The Contract Value will be changed by this Change Order in the amount of.....	-1,489 ✓
The new Contract Value including this Change Order will be.....	125,011 ✓
The Contract duration will be changed by.....	0 days
The revised Substantial Completion date as of this Change Order is.....	

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CHANGE ORDER

CONSTRUCTION MANAGER-ADVISER EDITION

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(Instructions on reverse side)

OWNER PCO # 224
 CONSTRUCTION MANAGER
 ARCHITECT
 CONTRACTOR
 FIELD
 OTHER

PROJECT: 2015 ADDITIONS & ALTERATIONS TO
 (Name and address) BURNSVILLE HIGH SCHOOL BP #4
 600 EAST HIGHWAY 13
 TO CONTRACTOR: BURNSVILLE, MINNESOTA 55337
 (Name and address) AMERICAN STRUCTURAL METALS, INC.
 777 LEHMANN WAY, PO BOX 40
 SOMERSET, WISCONSIN 54025

CHANGE ORDER NO.: 0550.002
 INITIATION DATE: 11/02/16
 PROJECT NOS.: 301504.01
 CONTRACT FOR: Contract #0550
 Misc. Metals
 Fabrication
 CONTRACT DATE: 11/5/2015

The Contract is changed as follows:

Provide labor and material as necessary to complete the work as noted on the attached Page #2

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ARMSTRONG, TORSETH
 SKOLD & RYDEEN, INC.

Not valid until signed by the Owner, Construction Manager, Architect and Contractor.

The original (Contract Sum) (Guaranteed Maximum Price)	\$	802,450.00
Net change by previously authorized Change Orders	\$	3,725.00
The (Contract Sum) (Guaranteed Maximum Price) prior to this Change Order was	\$	806,175.00
The (Contract Sum) (Guaranteed Maximum Price) will be (increased) (decreased) (unchanged) by this Change Order	\$	(7,950.00)
The new (Contract Sum) (Guaranteed Maximum Price) including this Change Order will be	\$	798,225.00
The Contract Time will be (increased) (decreased) (unchanged) by	zero	(-0-) days
The date of Substantial Completion as of the date of this Change Order therefore is		

NOTE: This summary does not reflect changes in the Contract Sum, Contract Time or Guaranteed Maximum Price which have been authorized by Construction Change Directive. unchanged.

WENCK CONSTRUCTION INC.
 CONSTRUCTION MANAGER
 7500 Olson Memorial Hwy, Golden Valley, MN 55427
 ADDRESS
 BY *[Signature]* DATE 12/1/16

ARMSTRONG, TORSETH, SKOLD, & RYDEEN ARCHITECTS
 ARCHITECT
 8501 Golden Valley Road, Ste. 300, Mpls., MN 55427
 ADDRESS
 BY *[Signature]* DATE 12/7/16

AMERICAN STRUCTURAL METALS, INC.
 CONTRACTOR
 777 Lehmann Way, PO Box 40, Somerset, WI 54025
 ADDRESS
 BY *[Signature]* DATE 11/29/16

BURNSVILLE-EAGAN-SAVAGE PUBLIC SCHOOLS
 OWNER
 100 River Ridge Court, Burnsville, MN 55337
 ADDRESS
 BY _____ DATE _____



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Change Order

Burnsville High School

Project # 30150401
 Tel: 952-707-2000 Fax: 952-707-2102

Date: 11/2/2016

Contractor:
 American Structural Metals, Inc.
 777 Lehmann Way
 PO Box 40
 Somerset, WI 54025

Architect's Project No:
Contract Date:
Contract Number: 0550
Change Order Number: 002

The Contract is hereby revised by the following items:

PCO	Item #	Description	Amount
PR-146	002	Supply galvanized railings at concrete steps per PR 146. Not owned originally.	3,025
PR-152	002	Delete Supply of screen wall per PR 152.	-9,295
RCO-185	001	Cost to add extension to rail mis-fabricated by ASM. Back charge to ASM.	-1,680

The original Contract (s) Value was.....	802,450 ✓
Sum of changes by prior Change Orders.....	3,725 ✓
The Contract Value prior to this Change Order was.....	806,175 ✓
The Contract Value will be changed by this Change Order in the amount of.....	-7,950
The new Contract Value including this Change Order will be.....	798,225 ✓
The Contract duration will be changed by.....	0 days
The revised Substantial Completion date as of this Change Order is.....	

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CHANGE ORDER

CONSTRUCTION MANAGER-ADVISER EDITION

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NOV 23 2016

DEC 09 2016

OWNER	<input checked="" type="checkbox"/>	PCO #	226
CONSTRUCTION MANAGER	<input checked="" type="checkbox"/>		
ARCHITECT	<input checked="" type="checkbox"/>		
CONTRACTOR	<input checked="" type="checkbox"/>		
FIELD	<input type="checkbox"/>		
OTHER	<input type="checkbox"/>		

(Instructions on reverse side)

PROJECT: 2015 ADDITIONS & ALTERATIONS TO
 (Name and address) BURNSVILLE HIGH SCHOOL BP #4
 600 EAST HIGHWAY 13
 BURNSVILLE, MINNESOTA 55337

TO CONTRACTOR: TOTAL FIRE PROTECTION, INC.
 (Name and address) 1004 7TH AVENUE NORTH
 BRANDON, SOUTH DAKOTA 57005

CHANGE ORDER NO.: 2100.001

INITIATION DATE: 11/02/16

PROJECT NOS.: 301504.01

CONTRACT FOR: Contract #2100
 Fire Protection

CONTRACT DATE: 12/17/2015

The Contract is changed as follows:

Provide labor and material as necessary to complete the work as noted on the attached Page #2

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ARMSTRONG, TORSETH
SKOLD & RYDEEN, INC.

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Not valid until signed by the Owner, Construction Manager, Architect and Contractor.

The original (Contract Sum) (xxxxxxx)	\$	418,890.00
Net change by previously authorized Change Orders	\$	0.00
The (Contract Sum) (Guaranteed Maximum Price) prior to this Change Order was	\$	418,890.00
The (Contract Sum) (Guaranteed Maximum Price) will be (increased) (decreased) (unchanged) by this Change Order	\$	16,204.00
The new (Contract Sum) (Guaranteed Maximum Price) including this Change Order will be	\$	435,094.00
The Contract Time will be (increased) (decreased) (unchanged) by	zero	(-0-) days
The date of Substantial Completion as of the date of this Change Order therefore is		unchanged.

NOTE: This summary does not reflect changes in the Contract Sum, Contract Time or Guaranteed Maximum Price which have been authorized by Construction Change Directive.

WENCK CONSTRUCTION INC.
 CONSTRUCTION MANAGER
 7500 Olson Memorial Hwy, Golden Valley, MN 55427
 ADDRESS
 BY *Todd Duem* 11/25/16
 DATE

ARMSTRONG, TORSETH, SKOLD, & RYDEEN ARCHITECT
 ARCHITECT
 8501 Golden Valley Road, Ste. 300, Mpls., MN 55427
 ADDRESS
 BY *W J Jupp* 12/7/16
 DATE

TOTAL FIRE PROTECTION, INC.
 CONTRACTOR
 1004 7TH Avenue N., Brandon SD 57005
 ADDRESS
 BY *Richard Bell* 11-18-16
 DATE

BURNSVILLE-EAGAN-SAVAGE PUBLIC SCHOOLS
 OWNER
 100 River Ridge Court, Burnsville, MN 55337
 ADDRESS
 BY _____ DATE



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Change Order

Burnsville High School

Project # 30150401
 Tel: 952-707-2000 Fax: 952-707-2102

Date: 11/2/2016

Contractor:
 Total Fire Protection, Inc.
 1004 7th Ave. N.
 P.O. Box 680
 Brandon, SD 57005

Architect's Project No:
Contract Date:
Contract Number: 2100
Change Order Number: 001

The Contract is hereby revised by the following items:

PCO	Item #	Description	Amount
RCO-160	001	Reroute fire sprinkler line to accommodate new RTU.	2,367
RCO-160	002	Lower sprinkler heads in CNA lab due to ceiling being too low.	536
RCO-160	003	Add to window wash per Paul Heimkes	8,968
RCO-160	004	Move inspectors test and relocate sprinkler head in closet	1,426
RCO-160	005	Change from upright sprinkler heads to pendant in culinary room.	652
RCO-160	006	Demo old pipe and reinstall new piping at higher elevation in keyboard lab	3,372
RCO-160	007	Relocate heads for added garage doors in Area 10	564
RCO-160	008	Adjust existing tamper and flow switches not in original scope.	356
RCO-166	001	Replace 4" butterfly valve	2,278
RCO-187	003	Patch walls where Total Fire broke glass to get pipe through. Back Charge to Total Fire.	-3,505
RCO-198	004	Back charge to Total Fire for Fransen painting their sprinkler piping.	-810

The original Contract (s) Value was.....	418,890
Sum of changes by prior Change Orders.....	0
The Contract Value prior to this Change Order was.....	418,890 ✓
The Contract Value will be changed by this Change Order in the amount of.....	16,204 ✓
The new Contract Value including this Change Order will be.....	435,094 ✓
The Contract duration will be changed by.....	0 days
The revised Substantial Completion date as of this Change Order is.....	

R E C E I V E D
 NOV 10 2016
 BY TFP

CHANGE ORDER

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OWNER	<input checked="" type="checkbox"/>	PCO # 227
CONSTRUCTION MANAGER	<input checked="" type="checkbox"/>	
ARCHITECT	<input checked="" type="checkbox"/>	
CONTRACTOR	<input checked="" type="checkbox"/>	
FIELD	<input type="checkbox"/>	
OTHER	<input type="checkbox"/>	

(Instructions on reverse side)

PROJECT: <i>(Name and address)</i>	2015 ADDITIONS & ALTERATIONS TO BURNSVILLE HIGH SCHOOL BP #3 600 EAST HIGHWAY 13 BURNSVILLE, MINNESOTA 55337	CHANGE ORDER NO.:	0330.015
TO CONTRACTOR: <i>(Name and address)</i>	NORTHLAND CONCRETE & MASONRY COMPANY, LLC 12026 RIVERWOOD DRIVE BURNSVILLE, MINNESOTA 55337	INITIATION DATE:	11/02/16
		PROJECT NOS.:	301504.01
		CONTRACT FOR:	<u>Contract #0330</u> Cast In Place Concrete
		CONTRACT DATE:	8/13/2015

The Contract is changed as follows:

Provide labor and material as necessary to complete the work as noted on the attached Page #2

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ARMSTRONG, TORSETH

Not valid until signed by the Owner, Construction Manager, Architect and Contractor.

The original (Contract Sum) XXXXXXXXXXXXXXXXXXXX was	\$	2,617,189.00
Net change by previously authorized Change Orders	\$	268,485.00
The (Contract Sum) (XXXXXXXXXXXXXXXXXXXX) prior to this Change Order was	\$	2,885,674.00
The (Contract Sum) (XXXXXXXXXXXXXXXXXXXX) will be (increased) (decreased) (unchanged) by this Change Order	\$	25,400.00
The new (Contract Sum) (XXXXXXXXXXXXXXXXXXXX) including this Change Order will be	\$	2,911,074.00
The Contract Time will be (increased) (decreased) (unchanged) by	zero	(-0-) days
The date of Substantial Completion as of the date of this Change Order therefore is		unchanged.

NOTE: This summary does not reflect changes in the Contract Sum, Contract Time or Guaranteed Maximum Price which have been authorized by Construction Change Directive.

WENCK CONSTRUCTION INC.

ARMSTRONG, TORSETH, SKOLD, & RYDEEN ARCH.

CONSTRUCTION MANAGER
7500 Olson Memorial Hwy, Golden Valley, MN 55427

ARCHITECT
8501 Golden Valley Road, Ste. 300, Mpls., MN 55427

ADDRESS *[Signature]*
BY *[Signature]* DATE 11/30/16

ADDRESS *[Signature]*
BY *[Signature]* DATE 12/7/16

NORTHLAND CONCRETE & MASONRY COMPANY, LLC

BURNSVILLE-EAGAN-SAVAGE PUBLIC SCHOOLS

12026 Riverwood Drive, Burnsville, MN 55337

100 River Ridge Court, Burnsville, MN 55337

ADDRESS *[Signature]*
BY *[Signature]* DATE 11/11/16

ADDRESS
BY
DATE



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Change Order

Burnsville High School

Project # 30150401

Tel: 952-707-2000 Fax: 952-707-2102

Date: 11/2/2016

Contractor:

Northland Concrete and Masonry Company, LLC
12026 Riverwood Drive
Burnsville, MN 55337

Architect's Project No:

Contract Date:

Contract Number: 0330

Change Order Number: 015

The Contract is hereby revised by the following items:

PCO	Item #	Description	Amount
PR-090	008	Concrete flagpole bases per PR 090.	7,980
PR-096R	001	Added poured 12" concrete wall per PR 096R.	5,715
PR-127	001	Labor deduct for not having to install nosings per PR 127. All material ordered already.	-140
PR-143R2	001	Provide new concrete sidewalk per PR 143R2.	4,360
PR-146	001	Add 1 riser to exterior stairs per PR 146.	958
PR-147	004	Provide curb and additional sidewalk per PR 147.	3,507
RCO-190	002	Northland overtime work from 8/29-9/15.	3,535
RCO-202	001	Deduct for George F Cook.	-515

The original Contract (s) Value was.....	2,617,189 ✓
Sum of changes by prior Change Orders.....	268,485 ✓
The Contract Value prior to this Change Order was.....	2,885,674 ✓
The Contract Value will be changed by this Change Order in the amount of.....	25,400 ✓
The new Contract Value including this Change Order will be.....	2,911,074
The Contract duration will be changed by.....	0 days
The revised Substantial Completion date as of this Change Order is.....	

CHANGE ORDER

CONSTRUCTION MANAGER-ADVISER EDITION

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DEC 09 2016

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OWNER PCO # 229
 CONSTRUCTION MANAGER
 ARCHITECT
 CONTRACTOR
 FIELD
 OTHER

PROJECT: 2015 ADDITIONS & ALTERATIONS TO
 (Name and address) BURNSVILLE HIGH SCHOOL BP #4
 600 EAST HIGHWAY 13
 BURNSVILLE, MINNESOTA 55337

TO CONTRACTOR:
 (Name and address) PEOPLES ELECTRIC CO., INC.
 277 FILLMORE AVENUE
 ST. PAUL, MINNESOTA 55107

CHANGE ORDER NO.: 2601.012
 INITIATION DATE: 11/11/16
 PROJECT NOS.: 301504.01
 CONTRACT FOR: Contract #2601
 Electrical/Communication
 Security/Paging
 CONTRACT DATE: 10/22/2015

The Contract is changed as follows:

Provide labor and material as necessary to complete the work as noted on the attached Page #2

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ARMSTRONG, TORSETH
 SKOLD & RYDEEN, INC.

Not valid until signed by the Owner, Construction Manager, Architect and Contractor.

The original (Contract Sum) (Contract Maximum Price) was	\$	3,558,650.00
Net change by previously authorized Change Orders	\$	259,576.00
The (Contract Sum) (Contract Maximum Price) prior to this Change Order was	\$	3,818,226.00
The (Contract Sum) (Contract Maximum Price) will be (increased) (decreased) (unchanged) by this Change Order	\$	8,369.00
The new (Contract Sum) (Contract Maximum Price) including this Change Order will be	\$	3,826,595.00
The Contract Time will be (increased) (decreased) (unchanged) by	zero	(-0-) days
The date of Substantial Completion as of the date of this Change Order therefore is		unchanged.

NOTE: This summary does not reflect changes in the Contract Sum, Contract Time or Guaranteed Maximum Price which have been authorized by Construction Change Directive.

WENCK CONSTRUCTION INC.
 CONSTRUCTION MANAGER
 7500 Olson Memorial Hwy, Golden Valley, MN 55427
 ADDRESS *Todd Sherr*
 BY *Todd Sherr* DATE 11/25/16

ARMSTRONG, TORSETH, SKOLD, & RYDEEN ARCH.
 ARCHITECT
 8501 Golden Valley Road, Ste. 300, Mpls., MN 55427
 ADDRESS *W J Ryde*
 BY *W J Ryde* DATE 12/7/16

PEOPLES ELECTRIC CO., INC.
 CONTRACTOR
 277 East Fillmore Avenue, St. Paul, MN 55107
 ADDRESS *Paul Giv*
 BY *Paul Giv* DATE 11/18/16

BURNSVILLE-EAGAN-SAVAGE PUBLIC SCHOOLS
 OWNER
 100 River Ridge Court, Burnsville, MN 55337
 ADDRESS
 BY DATE



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Change Order

Burnsville High School

Project # 30150401

Tel: 952-707-2000 Fax: 952-707-2102

Date: 11/11/2016

Contractor:

Peoples Electric Company, Inc.
277 East Fillmore Avenue
St. Paul, MN 55107

Architect's Project No:

Contract Date:

Contract Number: 2601

Change Order Number: 012

The Contract is hereby revised by the following items:

PCO	Item #	Description	Amount
PR-123	001	Adding lighting for flag pole per PR 123	4,914
PR-149	002	Lower lights for ACT per PR 149	208
PR-150	002	Lower lights into new ceiling per PR 150	314
PR-153	001	Added wiring/outlets in keyboard lab per PR 153.	527
PR-168	004	Drop lights and smoke detectors in ceiling per PR 168.	500
PR-170	002	Wiring for new VFD per PR 170.	1,906

The original Contract (s) Value was.....	3,558,650
Sum of changes by prior Change Orders.....	259,576
The Contract Value prior to this Change Order was.....	3,818,226 ✓
The Contract Value will be changed by this Change Order in the amount of.....	8,369
The new Contract Value including this Change Order will be.....	3,826,595
The Contract duration will be changed by.....	0 days
The revised Substantial Completion date as of this Change Order is.....	

CHANGE ORDER

CONSTRUCTION MANAGER-ADVISER EDITION

AIA DOCUMENT G701/CMa

NOV 23 2016

DEC 09 2016

OWNER	<input checked="" type="checkbox"/>	PCO #	230
CONSTRUCTION MANAGER	<input checked="" type="checkbox"/>		
ARCHITECT	<input checked="" type="checkbox"/>		
CONTRACTOR	<input checked="" type="checkbox"/>		
FIELD	<input type="checkbox"/>		
OTHER	<input type="checkbox"/>		

(Instructions on reverse side)

PROJECT: 2015 ADDITIONS & ALTERATIONS TO
 (Name and address) BURNSVILLE HIGH SCHOOL BP #4
 600 EAST HIGHWAY 13
 BURNSVILLE, MINNESOTA 55337

TO CONTRACTOR: KIRK ACOUSTICS, INC.
 (Name and address) 395 BRIDGEPOINT WAY
 SOUTH ST PAUL, MINNESOTA 55075

CHANGE ORDER NO.: 950.002

INITIATION DATE: 11/11/16

PROJECT NOS.: 301504.01

CONTRACT FOR: Contract #0950
 Acoustical Ceilings

CONTRACT DATE: 11/5/2015

The Contract is changed as follows:

Provide labor and material as necessary to complete the work as noted on the attached Page #2

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ARMSTRONG, TORSETH

Not valid until signed by the Owner, Construction Manager, Architect and Contractor.

The original (Contract Sum) (Guaranteed Maximum Price) was	\$	300,280.00
Net change by previously authorized Change Orders	\$	3,406.00
The (Contract Sum) (Guaranteed Maximum Price) prior to this Change Order was	\$	303,686.00
The (Contract Sum) (Guaranteed Maximum Price) will be (increased) (decreased) (unchanged) by this Change Order	\$	8,819.00
The new (Contract Sum) (Guaranteed Maximum Price) including this Change Order will be	\$	312,505.00
The Contract Time will be (increased) (decreased) (unchanged) by	zero	(-0-) days
The date of Substantial Completion as of the date of this Change Order therefore is		unchanged.

NOTE: This summary does not reflect changes in the Contract Sum, Contract Time or Guaranteed Maximum Price which have been authorized by Construction Change Directive.

WFENCK CONSTRUCTION INC.
CONSTRUCTION MANAGER

7500 Olson Memorial Hwy, Golden Valley, MN 55427
ADDRESS

BY *[Signature]* 11/25/16
DATE

KIRK ACOUSTICS, INC.
CONTRACTOR

395 Bridgepoint Way, South St. Paul, MN 55075
ADDRESS

BY *[Signature]* 11/21/16
DATE

ARMSTRONG, TORSETH, SKOLD, & RYDEEN ARCH.
ARCHITECT

8501 Golden Valley Road, Ste. 300, Mpls., MN 55427
ADDRESS

BY *[Signature]* 12/7/16
DATE

BURNSVILLE-EAGAN-SAVAGE PUBLIC SCHOOLS
OWNER

100 River Ridge Court, Burnsville, MN 55337
ADDRESS

BY _____ DATE



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Change Order

Burnsville High School

Project # 30150401

Tel: 952-707-2000 Fax: 952-707-2102

Date: 11/11/2016

Contractor:

Kirk Acoustics, Inc.
395 Bridgepoint Way
South St. Paul, MN 55075

Architect's Project No:

Contract Date:

Contract Number: 0950

Change Order Number: 002

The Contract is hereby revised by the following items:

PCO	Item #	Description	Amount
PR-115	004	Added acoustical wall panels in place of windows per PR 115.	1,111
PR-137	003	Install 30' of 14" break metal soffit per PR 137.	1,160
PR-140	002	Install 40' of 4" break medal and reconfigure trims on ceiling per PR 140.	1,000
PR-149	001	Added ACT and soffits per PR 149.	2,103
PR-150	001	Install 180 SF of grid and tile and 10' of 14" break metal per PR 150.	1,190
PR-168	002	Drop ceiling and add soffits per PR 168.	2,255

The original Contract (s) Value was.....	300,280
Sum of changes by prior Change Orders.....	3,406
The Contract Value prior to this Change Order was.....	303,686 ✓
The Contract Value will be changed by this Change Order in the amount of.....	8,819 ✓
The new Contract Value including this Change Order will be.....	312,505 ✓
The Contract duration will be changed by.....	0 days
The revised Substantial Completion date as of this Change Order is.....	

JM

CHANGE ORDER

CONSTRUCTION MANAGER-ADVISER EDITION

AIA DOCUMENT G701/CMa

NOV 28 2016

DEC 09 2016

OWNER	<input checked="" type="checkbox"/>	PCO #	231
CONSTRUCTION MANAGER	<input checked="" type="checkbox"/>		
ARCHITECT	<input checked="" type="checkbox"/>		
CONTRACTOR	<input checked="" type="checkbox"/>		
FIELD	<input type="checkbox"/>		
OTHER	<input type="checkbox"/>		

(Instructions on reverse side)

PROJECT: 2015 ADDITIONS & ALTERATIONS TO
 (Name and address) BURNSVILLE HIGH SCHOOL BP #4
 600 EAST HIGHWAY 13
 BURNSVILLE, MINNESOTA 55337

TO CONTRACTOR:
 (Name and address) THELEN HEATING & ROOFING, INC.
 1717 13TH STREET SE
 BRAINERD, MINNESOTA 56401

CHANGE ORDER NO.: 2302.008

INITIATION DATE: 11/11/16

PROJECT NOS.: 301504.01

CONTRACT FOR: Contract #2302
 HVAC/Temperature Controls

CONTRACT DATE: 10/22/2015

The Contract is changed as follows:

Provide labor and material as necessary to complete the work as noted on the attached Page #2

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ARMSTRONG, TORSETH
SKOLD & RYDEEN, INC.

Not valid until signed by the Owner, Construction Manager, Architect and Contractor.

The original (Contract Sum) (xxxxxxx)	\$	2,751,800.00
Net change by previously authorized Change Orders	\$	78,733.00
The (Contract Sum) (xxxxxxx) prior to this Change Order was	\$	2,830,533.00
The (Contract Sum) (xxxxxxx) will be (increased) (xxxxxxx) (unchanged) by this Change Order	\$	1,509.00
The new (Contract Sum) (xxxxxxx) (Price) including this Change Order will be	\$	2,832,042.00
The Contract Time will be (increased) (xxxxxxx) (unchanged) by	zero	(-0-) days
The date of Substantial Completion as of the date of this Change Order therefore is		unchanged.

NOTE: This summary does not reflect changes in the Contract Sum, Contract Time or Guaranteed Maximum Price which have been authorized by Construction Change Directive.

WENCK CONSTRUCTION INC.
 CONSTRUCTION MANAGER
 7500 Olson Memorial Hwy, Golden Valley, MN 55427
 ADDRESS
 BY *[Signature]* DATE 11/28/16

ARMSTRONG, TORSETH, SKOLD, & RYDEEN ARCH.
 ARCHITECT
 8501 Golden Valley Road, Ste. 300, Mpls., MN 55427
 ADDRESS
 BY *[Signature]* DATE 12/7/16

THELEN HEATING & ROOFING, INC.
 CONTRACTOR
 1717 13th Street, SE, Brainerd, MN 56401
 ADDRESS
 BY *[Signature]* DATE 11-21-16

BURNSVILLE-EAGAN-SAVAGE PUBLIC SCHOOLS
 OWNER
 100 River Ridge Court, Burnsville, MN 55337
 ADDRESS
 BY _____ DATE _____



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Change Order

Burnsville High School

Project # 30150401
Tel: 952-707-2000 Fax: 952-707-2102

Date: 11/11/2016
Contractor:
 Thelen Heating & Roofing
 1717 - 13th Street SE
 Brainerd, MN 56401

Architect's Project No:
Contract Date:
Contract Number: 2302
Change Order Number: 008

The Contract is hereby revised by the following items:

PCO	Item #	Description	Amount
• PR-094	001	Cost to rotate exhaust fan 180 degrees and move filter rack to between fan and heat exchanger per PR 94.	3,969
• PR-148	001	Change existing exhaust duct to run out of chiller room instead of roof per PR 148.	4,306
• PR-155	002	Delete removal and replacement of 16 chilled water valves at AHUs per PR 155.	-6,185
RCO-202	002	Deduct for George F Cook.	-581

The original Contract (s) Value was.....	2,751,800
Sum of changes by prior Change Orders.....	78,733
The Contract Value prior to this Change Order was.....	2,830,533 ✓
The Contract Value will be changed by this Change Order in the amount of.....	1,509
The new Contract Value including this Change Order will be.....	2,832,042 ✓
The Contract duration will be changed by.....	0 days
The revised Substantial Completion date as of this Change Order is.....	

DKL

CHANGE ORDER

CONSTRUCTION MANAGER-ADVISER EDITION

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NOV 21 2016
DEC 09 2016

OWNER	<input checked="" type="checkbox"/>	PCO #	233
CONSTRUCTION MANAGER	<input checked="" type="checkbox"/>		
ARCHITECT	<input checked="" type="checkbox"/>		
CONTRACTOR	<input checked="" type="checkbox"/>		
FIELD	<input type="checkbox"/>		
OTHER	<input type="checkbox"/>		

(Instructions on reverse side)

PROJECT: <i>(Name and address)</i>	2015 ADDITIONS & ALTERATIONS TO BURNSVILLE HIGH SCHOOL BP #4 600 EAST HIGHWAY 13 BURNSVILLE, MINNESOTA 55337	CHANGE ORDER NO.:	610.007
TO CONTRACTOR: <i>(Name and address)</i>	GEORGE F COOK CONSTRUCTION CO 2300 NEVADA AVENUE NORTH SUITE 200 GOLDEN VALLEY, MINNESOTA 55427	INITIATION DATE:	11/11/16
		PROJECT NOS.:	301504.01
		CONTRACT FOR:	<u>Contract #0610</u> Selective Demolition /Carpentry
		CONTRACT DATE:	10/22/2015

The Contract is changed as follows:

Provide labor and material as necessary to complete the work as noted on the attached Page #2

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ARMSTRONG, TORSETH

SKOLD & RYDEEN INC

Not valid until signed by the Owner, Construction Manager, Architect and Contractor.

The original (Contract Sum) (Guaranteed Maximum Price) was	\$	1,443,000.00
Net change by previously authorized Change Orders	\$	75,568.00
The (Contract Sum) (Guaranteed Maximum Price) prior to this Change Order was	\$	1,518,568.00
The (Contract Sum) (Guaranteed Maximum Price) will be (increased) (decreased) (unchanged) by this Change Order	\$	13,672.00
The new (Contract Sum) (Guaranteed Maximum Price) including this Change Order will be ...	\$	1,532,240.00
The Contract Time will be (increased) (decreased) (unchanged) by	zero	(-0-) days
The date of Substantial Completion as of the date of this Change Order therefore is		unchanged.

NOTE: This summary does not reflect changes in the Contract Sum, Contract Time or Guaranteed Maximum Price which have been authorized by Construction Change Directive.

WENCK CONSTRUCTION INC.

CONSTRUCTION MANAGER
7500 Olson Memorial Hwy, Golden Valley, MN 55427

ADDRESS *[Signature]*
BY *[Signature]* DATE 11/25/16

GEORGE F COOK CONSTRUCTION CO

CONTRACTOR
2300 Nevada Ave. North, Ste 200, Golden Valley, MN 55427

ADDRESS *[Signature]*
BY *[Signature]* DATE 11/18/16

ARMSTRONG, TORSETH, SKOLD, & RYDEEN ARCHITECT

ARCHITECT
8501 Golden Valley Road, Ste. 300, Mpls., MN 55427

ADDRESS *[Signature]*
BY *[Signature]* DATE 12/7/16

BURNSVILLE-EAGAN-SAVAGE PUBLIC SCHOOLS

OWNER
100 River Ridge Court, Burnsville, MN 55337

ADDRESS
BY
DATE



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Change Order

Burnsville High School

Project # 30150401

Tel: 952-707-2000 Fax: 952-707-2102

Date: 11/11/2016

Contractor:

George F. Cook Construction
 2300 Nevada Avenue North Suite 200
 Golden Valley, Minnesota 55427

Architect's Project No:

Contract Date:

Contract Number: 0610

Change Order Number: 007

The Contract is hereby revised by the following items:

PCO	Item #	Description	Amount
PR-144	001	Supply casework per PR 144.	9,356
PR-161	001	Provide 80 LF of expansion covers at doorways between new and existing building per 161.	1,523
PR-169	001	Additional casework per PR 169.	1,496
RCO-188	003	Added tack boards per RFI 584.	1,297

The original Contract (s) Value was.....	1,443,000
Sum of changes by prior Change Orders.....	75,568
The Contract Value prior to this Change Order was.....	1,518,568 ✓
The Contract Value will be changed by this Change Order in the amount of.....	13,672 ✓
The new Contract Value including this Change Order will be.....	1,532,240
The Contract duration will be changed by.....	0 days
The revised Substantial Completion date as of this Change Order is.....	

OK

CHANGE ORDER

CONSTRUCTION MANAGER-ADVISER EDITION

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NOV 28 2016

DEC 09 2016

OWNER	<input checked="" type="checkbox"/>	PCO #	234
CONSTRUCTION MANAGER	<input checked="" type="checkbox"/>		
ARCHITECT	<input checked="" type="checkbox"/>		
CONTRACTOR	<input checked="" type="checkbox"/>		
FIELD	<input type="checkbox"/>		
OTHER	<input type="checkbox"/>		

(Instructions on reverse side)

PROJECT: 2015 ADDITIONS & ALTERATIONS TO
 (Name and address) BURNSVILLE HIGH SCHOOL BP #4
 600 EAST HIGHWAY 13
 BURNSVILLE, MINNESOTA 55337

TO CONTRACTOR: TOTAL FIRE PROTECTION, INC.
 (Name and address) 1004 7TH AVENUE NORTH
 BRANDON, SOUTH DAKOTA 57005

CHANGE ORDER NO.: 2100.002

INITIATION DATE: 11/15/16

PROJECT NOS.: 301504.01

CONTRACT FOR: Contract #2100
 Fire Protection

CONTRACT DATE: 12/17/2015

The Contract is changed as follows:

Provide labor and material as necessary to complete the work as noted on the attached Page #2

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ARMSTRONG, TORSETH
SKOLD & RYDEEN, INC.

Not valid until signed by the Owner, Construction Manager, Architect and Contractor.

The original (Contract Sum) (Guaranteed Maximum Price)	\$	418,890.00
Net change by previously authorized Change Orders	\$	16,204.00
The (Contract Sum) (Guaranteed Maximum Price) prior to this Change Order was	\$	435,094.00
The (Contract Sum) (Guaranteed Maximum Price) will be (increased) (decreased) (unchanged) by this Change Order	\$	10,573.00
The new (Contract Sum) (Guaranteed Maximum Price) including this Change Order will be	\$	445,667.00
The Contract Time will be (increased) (decreased) (unchanged) by	zero	(-0-) days
The date of Substantial Completion as of the date of this Change Order therefore is		unchanged.

NOTE: This summary does not reflect changes in the Contract Sum, Contract Time or Guaranteed Maximum Price which have been authorized by Construction Change Directive.

WENCK CONSTRUCTION INC.
 CONSTRUCTION MANAGER
 7500 Olson Memorial Hwy, Golden Valley, MN 55427
 ADDRESS
 BY *[Signature]* DATE 11/28/16

ARMSTRONG, TORSETH, SKOLD, & RYDEEN ARCHITECT
 ARCHITECT
 8501 Golden Valley Road, Ste. 300, Mpls., MN 55427
 ADDRESS
 BY *[Signature]* DATE 12/7/16

TOTAL FIRE PROTECTION, INC.
 CONTRACTOR
 1004 7th Avenue N., Brandon SD 57005
 ADDRESS
 BY *[Signature]* DATE 11-21-16

BURNSVILLE-EAGAN-SAVAGE PUBLIC SCHOOLS
 OWNER
 100 River Ridge Court, Burnsville, MN 55337
 ADDRESS
 BY _____ DATE _____



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Change Order

Burnsville High School

Project # 30150401

Tel: 952-707-2000 Fax: 952-707-2102

Date: 11/15/2016

Contractor:

Total Fire Protection, Inc.
 1004 7th Ave. N.
 P.O. Box 680
 Brandon, SD 57005

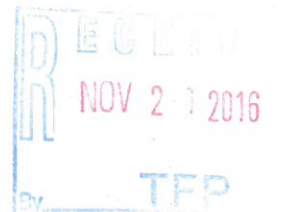
Architect's Project No:

Contract Date:
Contract Number: 2100
Change Order Number: 002

The Contract is hereby revised by the following items:

PCO	Item #	Description	Amount
PR-156	001	Add new dry pipe sprinkler in garage per PR 156.	8,482
PR-168	005	New sprinkler heads required per PR 168.	2,091

The original Contract (s) Value was.....	418,890
Sum of changes by prior Change Orders.....	16,204
The Contract Value prior to this Change Order was.....	435,094 ✓
The Contract Value will be changed by this Change Order in the amount of.....	10,573
The new Contract Value including this Change Order will be.....	445,667 ✓
The Contract duration will be changed by.....	0 days
The revised Substantial Completion date as of this Change Order is.....	



OK

BHS Budget Report with Change Orders

Information	Company	Wenck Estimates	Awarded Bid	Change Orders To Date	Percent of Change	Numer of Change Orders	Contract Amount With Change Orders	Percent of Completion
Bid Pack #1								
Contract #0600 General Construction Shop Annex	Ebert Construction	\$919,600.00	\$671,900.00	\$95,682.00	14.24%	18	\$767,582.00	100.00%
Contract #2300 Mechanical	Klamm Mechanical	\$647,800.00	\$900,000.00	\$47,621.00	5.29%	9	\$947,621.00	95.00%
Contract #2600 Electrical	Peoples Electric	\$293,600.00	\$566,500.00	\$90,391.00	15.96%	16	\$656,891.00	100.00%
Contract #3110 Site Demolition and Improvements	Max Steining Inc.	\$775,285.10	\$530,000.00	\$339,467.00	64.05%	8	\$869,467.00	95.00%
Contract #3300 Site Utility Relocation	Veit & Co.	\$243,170.00	\$410,000.00	\$114,909.00	28.03%	6	\$524,909.00	100.00%
Contract #0240 Building Demolition	Veit & Co.	\$366,047.14	\$71,039.00	\$30,496.00	42.93%	5	\$101,535.00	100.00%
		<u>\$3,245,502.24</u>	<u>\$3,149,439.00</u>	<u>\$718,566.00</u>			<u>\$3,868,005.00</u>	
Bid Pack #2								
Contract #0345 Precast Concrete Wall Panels	Wells Concrete	\$2,403,594.00	\$2,615,000.00	(\$104,208.00)	-3.99%	5	\$2,510,792.00	94.43%
		<u>\$2,403,594.00</u>	<u>\$2,615,000.00</u>	<u>(\$104,208.00)</u>			<u>\$2,510,792.00</u>	
Bid Pack #3								
Contract #0420 Masonry	Crosstown Masonry Incorporated	\$1,305,616.00	\$1,240,000.00	\$89,227.00	7.20%	8	\$1,329,227.00	94.77%
Contract #3301 Site Utilities	Metro Utilities, Inc.	\$181,880.00	\$288,750.00	\$17,358.00	6.01%	5	\$306,108.00	95.00%
Contract #3290 Landscaping/Irrigation Systems	Urban Companies, LLC	\$305,275.00	\$240,069.00	\$29,635.00	12.34%	6	\$269,704.00	86.48%
Contract #3210 Asphalt Paving/Curbs	Midwest Asphalt Corporation	\$1,244,655.00	\$921,900.00	(\$548.00)	-0.06%	4	\$921,352.00	95.00%
Contract #3100 Earthwork/Site Demolition	Max Steining Inc.	\$1,179,458.00	\$1,071,000.00	\$106,092.00	9.91%	8	\$1,177,092.00	94.03%
Contract #2202 Mechanical	Klamm Mechanical	\$551,250.00	\$872,000.00	\$45,857.00	5.26%	8	\$917,857.00	95.00%
Contract #0510 Structural Steel Erection	Red Cedar Steel Erectors, Inc.	\$599,057.00	\$582,300.00	\$14,680.00	2.52%	5	\$596,980.00	95.12%
Contract #0340 Structural Precast Concrete	Wells Concrete	\$1,013,719.00	\$933,340.00	(\$9,510.00)	-1.02%	3	\$923,830.00	95.98%
Contract #0330 Cast-In-Place Concrete	Northland Concrete & Masonry, LLC	\$2,739,043.00	\$2,617,189.00	\$293,885.00	11.23%	15	\$2,911,074.00	94.12%
Contract #0241 Building Demolition	Lloyd's Construction Services Inc.	\$146,221.00	\$285,155.00	\$108,649.00	38.10%	4	\$393,804.00	95.00%
Contract #0512 Structural Steel Supply	American Structural Metals, Inc.	\$788,856.00	\$898,900.00	(\$21,272.00)	-2.37%	5	\$877,628.00	95.08%

Information	Company	Wenck Estimates	Awarded Bid	Change Orders To Date	Percent of Change	Numer of Change Orders	Contract Amount With Change Orders	Percent of Completion
		<u>\$10,055,030.00</u>	<u>\$9,950,603.00</u>	<u>\$674,053.00</u>	<u>\$10,624,656.00</u>			
Bid Pack #4								
Contract #0790 Caulking/Firestopping/Traffic Coatings	The Caulkers Company, Inc.	\$96,495.00	\$86,900.00	\$0.00	0.00%	0	\$86,900.00	95.00%
Contract #0335 Polished Concrete Floors	Questmark Flooring	\$33,633.60	\$15,969.00	\$0.00	0.00%	0	\$15,969.00	95.00%
Contract #0511 Miscellaneous Metals - Erection	Red Cedar Steel Erectors, Inc.	\$58,387.35	\$126,500.00	(\$1,489.00)	-1.18%	1	\$125,011.00	88.91%
Contract #0550 Miscellaneous Metals Fabrication- Supply	American Structural Metals, Inc.	\$411,285.00	\$802,450.00	(\$4,225.00)	-0.53%	2	\$798,225.00	94.61%
Contract #0990 Painting	Fransen Decorating, Inc.	\$401,378.25	\$230,305.00	(\$10,657.00)	-4.63%	2	\$219,648.00	94.64%
Owner Direct - Architectural Purchase	Haldeman-Homme Inc.	\$1,636,582.50	\$1,084,781.00	(\$15,152.00)	-1.40%	11	\$1,069,629.00	94.26%
Contract #2601 Electrical/Communications/Security/Paging	Peoples Electric	\$3,736,950.00	\$3,558,650.00	\$267,945.00	7.53%	12	\$3,826,595.00	87.54%
Contract #2305 Testing and Balancing	Marcus Global, Inc.	\$71,299.20	\$67,800.00	\$0.00	0.00%	0	\$67,800.00	95.33%
Contract #2302 HVAC/Temperature Controls	Thelen Heating & Roofing, Inc.	\$3,479,700.00	\$2,751,800.00	\$80,242.00	2.92%	8	\$2,832,042.00	94.76%
Contract #2200 Plumbing and Heating	El-Jay Plumbing & Heating, Inc.	\$3,709,440.00	\$3,269,000.00	\$113,481.00	3.47%	8	\$3,382,481.00	92.95%
Contract #2100 Fire Protection	Total Fire Protection, Inc.	\$427,798.35	\$418,890.00	\$26,777.00	6.39%	2	\$445,667.00	89.29%
Contract #1440 Wheelchair Lift	DRN Enterprises, d.b.a Arrow Lift	\$15,750.00	\$26,989.00	\$1,384.00	5.13%	1	\$28,373.00	90.37%
Contract #1420 Elevators	ThyssenKrupp Elevator Americas	\$189,000.00	\$200,047.00	\$0.00	0.00%	0	\$200,047.00	95.00%
Contract #1140 Food Service Equipment	Advanced Contract Equipment and Design	\$15,750.00	\$18,381.00	\$7,966.00	43.34%	2	\$26,347.00	95.00%
Contract #0610 Selective Demolition/Carpentry	George F. Cook Construction Co.	\$1,521,190.65	\$1,443,000.00	\$89,240.00	6.18%	7	\$1,532,240.00	88.38%
Contract #1022 Folding Panel Partitions	W.L. Hall Company	\$61,425.00	\$52,904.00	\$0.00	0.00%	0	\$52,904.00	95.00%
Contract #0750 Roofing and Metal Panels	Palmer West Construction Company, Inc.	\$2,206,743.00	\$1,603,200.00	\$30,993.00	1.93%	6	\$1,634,193.00	94.48%
Contract #0966 Epoxy Terrazzo Flooring	Advance Terrazzo Flooring	\$612,417.75	\$508,000.00	\$25,096.00	4.94%	3	\$533,096.00	95.00%
Contract #0965 Resilient Flooring/Carpet	Floors by Becker, Inc.	\$368,131.05	\$431,132.00	\$27,885.00	6.47%	2	\$459,017.00	95.00%
Contract #0950 Acoustical Ceilings	Kirk Acoustics	\$383,939.85	\$300,280.00	\$12,225.00	4.07%	2	\$312,505.00	83.09%
Contract #0930 Tile	Multiple Concepts Interiors, Inc.	\$886,415.25	\$1,324,000.00	\$11,001.00	0.83%	5	\$1,335,001.00	91.18%

Information	Company	Wenck Estimates	Awarded Bid	Change Orders To Date	Precent of Change	Numer of Change Orders	Contract Amount With Change Orders	Precent of Completion
Contract #0920 Drywall/Cold Formed Metal Framing/DEF	Commercial Drywall, Inc.	\$1,222,033.05	\$609,850.00	\$88,804.00	14.56%	7	\$698,654.00	92.29%
Contract #0840 Aluminum Entrances I Storefronts I Curta	Envision Glass, Inc.	\$1,668,936.15	\$1,276,534.00	\$11,257.00	0.88%	3	\$1,287,791.00	91.18%
Contract #0833 Coiling/Overhead Doors	Overhead Door of the Northland	\$76,125.00	\$73,689.00	\$0.00	0.00%	0	\$73,689.00	85.09%
Contract #0810 Doors/Frames/Hardware - Supply	Kendell Doors & Hardware, Inc.	\$445,068.75	\$409,848.00	\$33,241.00	8.11%	4	\$443,089.00	88.54%
Owner Direct - Chiller Plant Purchase	Train Co.	\$1,470,000.00	\$1,296,580.00	\$0.00	0.00%	0	\$1,296,580.00	90.84%
Contract #1044 Signage	(Lawrence) Walker Sign Holdings, Inc.	\$47,250.00	\$32,425.00	\$0.00	0.00%	0	\$32,425.00	95.00%
		<u>\$25,253,124.75</u>	<u>\$22,019,904.00</u>	<u>\$796,014.00</u>			<u>\$22,815,918.00</u>	
	Grand Totals	<u>\$40,957,250.99</u>	<u>\$37,734,946.00</u>	<u>\$2,084,425.00</u>	5.52%		<u>\$39,819,371.00</u>	
							<u>\$41,716,739.00</u>	

REVIEW AND COMMENT CONSTRUCTION BUDGET WITH ALTERNATIVE FACILITIES FUNDING

\$41,716,739.00



**AGENDA V.A
January 12, 2017**

TO: Members, Board of Education
Superintendent Gothard

FROM: Dr. Stacie Stanley

DATE: January 3, 2017

RE: 2016-2017 American Indian Parent Advisory Committee Resolution

State law and School Board Policy require the establishment of an American Indian Parent Advisory Committee. Members present at the meeting held on November 29, 2016 were Robin Knight, Jeana Stout, Dominic Good Buffalo and Stacie Stanley. The Chairperson of American Indian Parent Committee is Kristi Paavola, a parent in the school district.

Recommendation: Pursuant Minnesota Statute, section 124D.78 Subdivision 2, it is recommended that the ISD 191 School Board accept the American Indian Parent Advisory Group vote of concurrence.

Attachments:
2016-17 Parent Committee Resolution
World's Best Workforce Indian Education Plan
Transmittal of Resolution and Parent Committee Roster



2016-2017 Parent Committee Resolution

WHEREAS, the Burnsville-Eagan-Savage School District #191 provides an opportunity for all of its citizens to participate in district program communities, and

WHEREAS, the Indian Education Parent Committee of the Burnsville-Eagan-Savage School District #191 is the duly elected and established Parent Committee comprised of parents of students eligible to be enrolled in American Indian programs, secondary students, representatives from community groups, school administrators, and

WHEREAS, the Parent Committee's current responsibilities are addressed in district practices and apply to programs specifically designed for American Indian learners, and

WHEREAS, the Parent Committee's responsibilities have been expanded to include involvement in and advisement of all educational programs, programs for elementary and secondary grades, special education programs and support services, and

WHEREAS, the Indian Education Parent Committee of the Burnsville-Eagan-Savage School District #191 did meet on November 20, 2013 to review, recommend and approve this Resolution, and

WHEREAS, the Parent Committee had found most of the District's educational programs to be adequate in meeting the needs of American Indian students.

THEREFORE BE IT RESOLVED, the Parent Committee of the Burnsville-Eagan-Savage School District #191 does concur that the district's programs meet American Indian student needs.

In favor of Resolution 4 **Not in favor of Resolution** 0

/s/ Kristi Paavola
Chairperson of American Indian Parent Committee

November 29, 2016
Date

If the committee does not concur with the Resolution, the reasons for the non-concurrence and recommendations shall be submitted with this Resolution. By resolution, the Board must respond, to each recommendation made by the committee and state its reasons for not implementing the recommendation. (MN Statute 124D.78 Subd. 1)



**Office of Indian Education
Transmittal of Resolution and Parent Committee Roster**

Identification Information

School District Name Burnsville Public Schools		District Type/No. ISD 191
Name of person completing form Stacie Stanley	Title Director of Curriculum, Instruction	Telephone 952-707-2008

Resolution/Parent Committee Information

Check all applicable items and attach the requested information:

This district does not have 10 or more American Indian students enrolled, therefore no Parent Committee has been established, and no resolution/recommendations are attached (sign below and return the form to the Office of Indian Education).

Resolution is attached:

Date resolution passed by Parent Committee: November 29, 2016

Date resolution presented to Local School Board: January 12, 2017

The attached resolution is a resolution of (check one): Concurrence Non-concurrence

Recommendations are (check one): Included Not included

Resolution is NOT attached. If not attached, explain:

School Board Response is NOT attached. If not attached, explain:

A Parent Committee has NOT been established. If checked, please explain why not, including discussion of any steps that have been taken to establish a parent committee:

The district requests that the Office of Indian Education provide assistance in the following area(s):

Parent Committee Training

Staff Development on American Indian history and culture

Other (explain):

The information provided on this form is true and accurate to the best of my belief and knowledge.

Signature . Superintendent of School District/Authorized Representative

Date signed

GENERAL INFORMATION AND INSTRUCTIONS: Minnesota Statutes, section 124D.78 Subdivision 1 states that School Boards and American Indian schools must provide for the maximum involvement of children enrolled in education programs, programs of elementary and secondary grades, special education programs, and support services. Accordingly, the board of a school district in which there are **10 or more American Indian students enrolled** and each American Indian school must establish an American Indian education parent advisory committee. If a committee whose membership consists of a majority of parents of American Indian children has been or is established according to federal, tribal or other state law, that committee may serve as the committee required by this section and is subject to, at least, the requirements of this subdivision and subdivision 2.

The **American Indian education parent advisory committee** must be composed of parents of children eligible to be enrolled in American Indian education programs, secondary students eligible to be served; American Indian language and culture education teachers and paraprofessionals; American Indian teachers; counselors; adult American Indian people enrolled in educational programs; and representatives from community groups. The number of parents of American Indian and non-American Indian children shall reflect approximately the proportion of children of those groups in the programs. The American Indian education parent advisory committee must develop its recommendations in consultation with the curriculum advisory committee required by Section 120B.11, subdivision 3. This committee must afford parents the necessary information and the opportunity to effectively to express their views concerning all aspects of American Indian Education and the educational needs of the American Indian children enrolled in the school or program. The school board or American Indian school must ensure that programs are planned, operated and evaluated with the involvement of and in consultation with parents of students served by the programs.

RESOLUTION OF CONCURRENCE: Prior to **March 1**, the school board or American Indian school must submit to the department a copy of a resolution adopted by the American Indian education parent advisory committee. The copy must be signed by the chair of the committee and must state whether the committee concurs with the educational programs for American Indian students offered by the school board or American Indian school. ***If the committee does not concur with the educational programs, the reasons for non-concurrence and recommendations shall be submitted with the resolution. By resolution, the board must respond in writing within 60 days, in cases on non-concurrence, to each recommendation made by the committee and state its reasons for not implementing the recommendation.***

In order to comply with Minnesota Statutes, section 124D.78, please complete 1) Transmittal Form and Parent Committee Roster, 2) Parent Committee Resolution and supporting documents, as applicable, by **March 1 of each school year** and mail to:

Minnesota Department of Education
Office of Indian Education
1500 Highway 36 West Roseville, MN 55113

Or submit completed documents via email to: mde.indian-education@state.mn.us.

If assistance is needed in completion of these forms, please call (651) 582-8280.



**Agenda V.B.
January 12, 2017**

TO: Members, Board of Education
Joe Gothard, Superintendent

FROM: Dave Helke, Principal

DATE: January 6, 2017

RE: 2017-18 Secondary Course Catalog

RECOMMENDATION: That the Board of Education approves the 2017-18 Secondary Course Catalog.

The course catalog is submitted to the Board of Education for approval each year prior to the course request process. The proposed course catalog was redesigned last year to include both the middle and high school levels and reflect the middle school program and high school program.

DISTRICT 191 SECONDARY SCHOOLS 2017-18 Course Catalog

District **one91**

Future Ready. Community Strong.



Mission

**Our schools will Empower Learning,
Energize Achievement, Embrace Community
Each Student Real-World Ready**

District 191 School Board

- Abigail Alt, Director
- DeeDee Currier, Director
- Dan Luth, Director
- Eric Miller, Director
- Darcy Schatz, Director
- Jim Schmid, Director
- Bob VandenBoom, Director

District Leadership

Dr. Joe Gothard, Superintendent

High School Leadership

- Dave Helke, Principal
- Bill Derden, Associate Principal
- Jeff Marshall, Athletics/Activities Director
- Libby Duethman, Dean of Students
- Cindy Mullins, Dean of Students



Dave Helke,
Principal



Bill Derden,
Assoc. Principal



Jeff Marshall,
Activities Director



Libby Duethman,
Dean of Students



Cindy Mullins,
Dean of Students

High School Contacts

- Main Phone Line - 952-707-2100
- Attendance Line - 952-707-2104
- Athletics/Activities - 952-707-2151
- Student Counseling - 952-707-2108

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**Burnsville High School is a part of
Burnsville-Eagan-Savage School District 191.**



Future Ready. Community Strong.
www.isd191.org • 952-707-2000

Para hablar con alguien en español sobre la información contenida en este catálogo de cursos, póngase en contacto con Veronica Ramos, 952-707-2143.

Si'aad ula hadasho qof Somali ah xaga macluumaadka buugaga maadoyinka, fadlan lasoo xiriir Abdulahi Omar, 952-707-2110.

REGISTRATION GUIDELINES

When requesting courses it is very important to make your course requests carefully for the year. We tally all course requests and make critical decisions regarding teacher staffing, room availability, and resource allocation based on your requests. Please understand we want you to have an educational program that meets your needs, however, once these decisions are made, it will be very difficult to change your course requests.

- Make sure you meet the prerequisites for a course.
- Make sure you include courses necessary to meet high school graduation requirements.
- Make sure you carefully select courses that will prepare you for post-secondary careers and college.
- Make sure you request at least six (6) classes per semester.

There are many opportunities available to you and we encourage you to take the time to review this catalog and make an informed decision about the courses you want to request.

COURSE CANCELLATIONS

Courses may be cancelled because of low enrollment or availability of a licensed teacher. Students are notified of course cancellations as early as possible. In some instances, it is necessary to reduce the number of sections of a course that is offered. In this case, seniors are given priority admission into a course where enrollment is limited.

SCHEDULE CHANGES

A schedule change must be made through a counselor. Reasons for making a schedule change include:

- A student is not scheduled for a course she or he originally requested.
- A student has an incomplete schedule, and needs to add a course.
- A student doesn't meet the requirements for a course for which she or he is presently enrolled.
- A student needs to schedule/reschedule a required course for graduation.
- A student wishes to drop a study block to add a course.
- A student needs to schedule a course that is required or recommended for admission to a specific postsecondary school or program.
- A student is recommended by her or his teacher to move from one level to another with in the same discipline (i.e. regular Algebra II to Honors Algebra II or vice versa).
- The change is a recommendation on a student's IEP or 504 Plan.

DROPPING A COURSE

Students should plan carefully with their family and counselors to avoid the need for a schedule change. A course dropped after the first week of class, for any reason not listed above, will receive a grade of "F" unless approved by an administrator.

CREDITS AND FULL-TIME ENROLLMENT

All students must be enrolled in at least six courses each semester. Students must maintain attendance in a supervised study during any period in which they are not enrolled in a course. Students gaining credit beyond the school day through participation in any program may add those credits to the credits gained during the school day. In all cases, a maximum of nine credits per semester will be included on student transcripts and counted toward graduation requirements unless approved by administration.

DATE OF ENROLLMENT

After school has been in session for ten days into a semester, students may enroll for credit if they transfer grades in from their previously attended school, demonstrate proficiency on standards already covered in a course, and/or complete those assignments and assessments needed for the teacher to determine an accurate grade for the course. (Students currently enrolled may not begin a new class for credit after this date.)

PROFICIENCY CREDIT

Proficiency testing allows students to demonstrate knowledge and receive credit in courses as per Minnesota State Board of Education regulation 3500.2900. Applications for proficiency testing are accepted and processed according to the following guidelines only once each semester.

1. Conditions Under Which a Student May Apply for Proficiency Test

A student must have completed an out-of-school experience that has led to an unusual level of knowledge in a course or sequence of courses; e.g., attending a language camp, seminar or employment experiences.

2. Timelines for Proficiency Testing Opportunities

Student obtains application form in the Guidance Office. Application must be submitted no later than the fifth week of the semester.

- Counselor will determine whether the applicant has met the necessary criteria. If so, the counselor will pass the information to the department coordinator.
- The department coordinator or designee will contact the student and complete testing arrangements. Testing should be completed by the end of the thirteenth week of the semester.

3. Proficiency Testing Opportunities Which Are Not Available

- Obtaining credit in a course below the student's level of appropriate placement as determined by the department; e.g., credit in Basic Math when Algebra is the appropriate placement.
- Obtaining credit for experience having no correlation with a course in the Registration Guide; e.g., credit for figure skating.
- Obtaining credit in Independent Study, since there are no standard-learner outcomes.
- Obtaining credit in a course provided exclusively to students with an Individual Education Plan.

REPETITION

A student may repeat any course for which a failing grade was earned. The previous grade of "F" remains on the transcript, along with the new grade earned.

TIPS FOR PARENTS

1. Review progress, credits, and test results (ACT, MCA, PSAT).
2. Check specific requirements for your child's graduation year.
3. Develop a list of required courses.
4. Identify high priority courses and possible alternatives.
5. Research the requirements of your student's anticipated colleges.

General Information

GRADING SYSTEM

GRADE	1 CR
A	4.00
A-	3.7
B+	3.3
B	3.0
B-	2.7
C+	2.3
C	2.00
C-	1.7
D+	1.3
D	1.0
D-	.7
F	.00
NO CREDIT	.00
INCOMPLETE	.00
PASS/FAIL	.00

CALCULATING GRADE POINT AVERAGE (GPA):

Each grade received in a semester is assigned a numerical value (see above grading system). The sum of these numerical values is divided by the number of credits attempted in the semester to determine a GPA. A GPA is calculated for each student at the end of each semester.

CUMULATIVE GPA / CLASS RANK

All final semester grades from grades 9-12 (Class of 2020) or grades 10-12 (Classes of 2017, 2018 and 2019) are averaged to form a cumulative GPA. Students are ranked numerically in their graduating class according to their cumulative GPA. Cumulative GPA and class rank are computed for each student at the end of each semester.

GPA RECOGNITION

Honor Roll: Numerical equivalencies are used to determine the "A" and "B" honor rolls for each semester. Students who have achieved an average of 3.600 to 4.000 will be listed on the "A" honor roll. Students who have achieved an average of 2.950 to 3.599 will be listed on the "B" honor roll. A student must be full-time at BHS to be eligible for the honor roll.

National Honor Society (NHS): A student must have a cumulative GPA of 3.8 or higher or a 3.6 or higher if dual-ranked to qualify for consideration (juniors and seniors only) in addition to other criteria. Students who qualify for consideration will be invited to apply for NHS.

PASS/FAIL

Students may elect to take a maximum of two credits during their four years at Burnsville High School on a Pass-Fail basis and remain eligible for all academic honors. Requests to take courses on a Pass-Fail basis must be submitted to and approved by teachers by the tenth day of a semester. Required courses cannot be taken on a Pass-Fail basis. Pass-Fail request forms are available in the Guidance Office.

DUAL-RANKING SYSTEM

BHS has adopted a Dual-Ranking System for honors students. The Dual-Ranking System is not a weighted-grade system. Instead, dual ranking involves identifying a group of students who complete a specific set of core classes and establishing a secondary class rank for these students. Dual-Ranking does not impact Valedictorian or Salutatorian status and begins during your 10th grade year.

Minimum Course Requirements: (Must follow this sequence to qualify)

	End Semester 1	End Semester 2
Sophomore Year	2 Honors courses	4 Honors Courses
Junior Year	7 Honors courses	10 Honors courses
Senior Year	12 Honors courses	14 Honors courses

Eligible Courses for Dual-Ranking

Language Arts

Honors Lang. Arts 10
 AP Lit & Composition
 Honors Media Literacy & Research
 Honors American History
 CIS Writing & Critical Reading
 CIS Public Speaking
 CIS American Literature

Math

Honors Algebra II
 Honors Pre-Calculus
 CIS/AP Calculus AB
 AP Calculus BC
 AP Statistics
 Functions/Trigonometry
 Honors Geometry

World Languages

CIS Spanish 5
 CIS French 4
 CIS French 5

Social Studies

AP World History
 CIS/AP American History
 CIS/AP American Government
 CIS/AP Microeconomics
 CIS/AP Macroeconomics
 AP Psychology
 CIS Intro to African American Studies

Science

Honors Biology
 Honors Chemistry
 Honors Physics
 AP Chemistry
 AP Environmental Science

CTE

AP Computer Science

ACADEMIC LETTERS

Freshmen, sophomores and juniors receive a school letter for being on the A (3.6-4.0) honor roll for both semesters of the school year. Seniors earn an academic letter for being on the A honor roll for the first semester. The student must have at least a 3.6 grade point average for each semester (not cumulative) of an academic year and carry a minimum of 12 credits per year. Students may earn one academic letter during their time at BHS.

CONCURRENT ENROLLMENT

Burnsville High School offers many concurrent enrollment course opportunities. By successfully completing these courses and/or achieving an acceptable score on an accompanying qualifying exam, students may earn college credit. More information is in the College Credit Opportunities section of this catalog. Interested students should see a counselor.

COMMENCEMENT PARTICIPATION

Participation in the 2017 graduation ceremony is a privilege reserved for students who have earned a minimum of 30 of the 32 credits required for graduation on or before June 9, 2017. An assessment of all students and their progress toward meeting all graduation requirements as defined above will be done on or before May 12, 2017. Seniors who are not meeting the requirements as defined above will be informed they will not be allowed to participate in the ceremony. All credit recovery courses and credits earned through online learning sites must be completed and the credit information received by the BHS Guidance Office by May 12, 2017. However, even though a student's name may appear in the commencement program, a senior may be denied commencement participation because of a violation. These violations could be, but are not limited to:

- A violation of school policy
- A violation of school district policy
- An outstanding detention
- Delinquent parking fines
- Delinquent activity or athletic fees, failure to return school property such as, but not limited to, books, tools, supplies, instruments, and/or athletic equipment
- Failure to pay for lost school property or school property not returned.

Important information about the senior year, including preparation for the graduation ceremony is communicated at senior meetings so make sure to attend those.

DIPLOMA

Seniors fulfilling graduation requirements receive a diploma at the end of first or second semester. Seniors graduating after first semester may participate in the graduation ceremony, but must notify the Principal of their intention to attend the ceremony no later than May 1. Regardless, a first semester graduate is considered off roll and is no longer eligible to participate in any other high school functions.

A senior opting to remain in school all year must be enrolled in six or more courses each semester. A student ceases attending high school once he/she receives a diploma.

EARLY GRADUATION

A student who has completed graduation requirements may opt to graduate at the end of the first semester. A senior opting for early graduation must complete an application that includes parent signature of approval.



GRADUATING WITH DISTINCTION OR HIGH DISTINCTION

The honorees must be enrolled at Burnsville High School and are recognized at commencement.

For the Classes of 2017, 2018 & 2019

Graduates with distinction have an accumulated grade-point average of greater than or equal to 3.6, but less than 3.9, through five semesters. A student must have received 27 or more senior high semester credits through five semesters.

Graduates with high distinction have an accumulated 3.900 or higher grade-point average through five semesters. A student must have received 27 or more senior high semester credits through five semesters.

For the Class of 2020

Graduates with distinction have an accumulated a grade-point average of greater than or equal to 3.6, but less than 3.9, through seven semesters. A student must have received 42 or more senior high semester credits through seven semesters.

Graduates with high distinction have an accumulated 3.900 or higher grade-point average through five semesters. A student must have received 42 or more senior high semester credits through five semesters.

INDEPENDENT STUDY

A student may engage in study outside of the normal course offerings. A student may not engage in independent study for course content that is currently offered. A student may only register for one credit of independent study in a semester. A student who wishes to engage in independent study needs to contact a teacher who is willing to assist with the study. On a form to be completed by the student and the teacher, the student needs to identify the objectives of the independent study, and the teacher needs to state the means whereby the objectives will be evaluated. This form needs to be completed in the first ten days of the semester unless otherwise approved.

VALEDICTORIAN AND SALUTATORIAN

For the Classes of 2017, 2018 & 2019

The honorees must be enrolled at Burnsville Senior High School and are recognized at commencement. Valedictorian and Salutatorian are determined by calculating all senior high credits through six semesters. A student must have received 36 or more semester credits in grades 10-12. Thirty-two of the credits must be earned while enrolled at BHS. (All final grades must be posted by the last day of school in order to be recognized at graduation.)

For the Class of 2020

The honorees must be enrolled at Burnsville Senior High School and are recognized at commencement. Valedictorian and Salutatorian are determined by calculating all senior high credits through eight semesters. A student must have received 48 or more semester credits in grades 9-12. 44 of the credits must be earned while enrolled at BHS. (All final grades must be posted by the last day of school in order to be recognized at graduation.)

Credit Requirements

GRADUATION REQUIREMENTS Classes of 2018 and 2019

All Burnsville High School graduates must successfully complete 9th grade courses in English, Math, Science, and Social Studies and earn a minimum of 32 semester credits as listed below in grades 10-12.

All courses listed in the College & Career Core section can be used to meet the requirements listed below in Language Arts, Social Studies, Math, Science, Health, and Physical Education.

Language Arts

- _____ Grade 9: English 9 (2 credits)
- _____ Grade 10: English 10 (2 credits)
- _____ Grade 11: English 11 (2 credits)
- _____ Grade 12: American Literature (1 credit)
- _____ Grade 12: Media Literacy & Research (1 credit)

Social Studies

- _____ Grade 9: Human Geography (2 credits)
- _____ Grade 10: World History (2 credits)
- _____ Grade 11: American History (2 credits)
- _____ Grade 12: American Government (1 credit)
- _____ Grade 12: Economics (1 credit)

Mathematics

- _____ Grade 9: Intermediate Algebra (2 credits)
- _____ Grade 10: Geometry (2 credits)
- _____ Grade 11: Algebra II (2 credits)

Science

- _____ Grade 9: Science 9 (2 credits)
- _____ Grade 10: Biology (2 credits)
- _____ Grade 11: Chemistry (2 credits)

Health/Physical Education

- _____ Grade 10: Health (1 credit)
- _____ Grade 9-12: ITF (1 credit)

Fine Arts

- _____ Grade 9-12: (2 courses)
- Grade 9: Band, Chorus, History of Rock & Roll, Drawing & Painting, Sculpture, Graphic Design; Grade 10-12: All Art Courses, All Music Courses, Digital Photo, Advanced Digital Photo, Creative & Modern Dance, Acting I, Acting II, Multimedia Animation, Housing & Interior Design, Fashion Design*

Electives

- _____ Grade 9: (0 credits) *9th grade courses do not fulfill high school elective graduation requirements*
- _____ Grades 10-12: (8 credits) *Additional credits needed if student took ITF, and/or Fine Arts courses in 9th grade*

GRADUATION REQUIREMENTS Class of 2020 and beyond

All Burnsville High School graduates must earn a minimum of 45 semester credits as listed below in grades 9-12.

All courses listed in the College & Career Core section can be used to meet the requirements listed below in Language Arts, Social Studies, Math, Science, Health, and Physical Education.

Language Arts

- _____ Grade 9: English 9 (2 credits)
- _____ Grade 10: English 10 (2 credits)
- _____ Grade 11: English 11 (2 credits)
- _____ Grade 12: English 12 (2 credits)

Social Studies

- _____ Grade 9: Human Geography (1 credit)
- _____ Grade 10: World History (2 credits)
- _____ Grade 11: American History (2 credits)
- _____ Grade 12: American Government (1 credit)
- _____ Grade 12: Economics (1 credit)

Mathematics

- _____ Grade 9: Geometry (2 credits)
- _____ Grade 10: Algebra II (2 credits)
- _____ Grade 11: Functions/Trigonometry (2 credits)

Science

- _____ Grade 9: Physical Science 9 (2 credits)
- _____ Grade 10: Biology (2 credits)
- _____ Grade 11: Chemistry (2 credits)

Health/Physical Education

- _____ Grade 9: ITF (1 credit)
- _____ Grade 10: Health (1 credit)

Fine Arts

- _____ Grade 9-12: (2 courses) *Any course identified as meeting fine arts requirement.*



Watch for this symbol next to course descriptions throughout the catalog. It indicates that the course meets the Burnsville High School Fine Arts requirement.

Electives

- _____ Grades 9-12: (14 credits)

STUDENT CO-CURRICULAR ELIGIBILITY

The Burnsville-Eagan-Savage School District encourages all members of its student body to participate in co-curricular activities because of the benefits from such participation. However, it is the philosophy of the district that student participation is a privilege rather than a right. Therefore, students who elect to participate in athletics and activities shall be expected to exemplify high standards of behavior and academic achievement. The decisions students make, both in and outside of school, should reflect the ideals, beliefs, and standards of their organization, school, and community. The eligibility requirements apply when students are participating as members or in groups during practices, games, activities, competitions, on trips, and at any other time that the students are representing the Burnsville-Eagan-Savage Schools whether at school or outside of school. It is imperative that students follow the eligibility rules as well as any guidelines established by the activity and athletic director and/or coaches in all cases. Failure to do so may result in the consequences described here.

ELIGIBILITY REQUIREMENTS

To be eligible to participate in a co-curricular program, the student must adhere to all secondary schools' policies, Burnsville-Eagan-Savage School District policies, Minnesota State High School League (MSHSL) rules and applicable law. In addition, the following specific requirements apply:

Academic Eligibility

A 7-12 student-athlete or activity participant who receives mid-quarter or quarter grades of "F" in a class will be placed on academic probation. The student will remain on academic probation until the student attains a grade of at least a D- in all classes. A student on academic probation may be ineligible to participate in competitions/performance, but may continue to participate in practices, scrimmages, and team/club meetings.

In addition, to maintain academic eligibility a student must be making adequate progress toward graduation as defined by Burnsville Eagan Savage School District. A student is progressing adequately toward graduation if the student has accumulated the following credits prior to the beginning of the subsequent semester:

Classes of 2017, 2018, 2019

		10th Grade	11th Grade	12th Grade
Semester 1		Sophomore Status	8 credits	18 credits
Semester 2		4 credits	12 credits	25 credits

Classes of 2020 & Beyond

	9th Grade	10th Grade	11th Grade	12th Grade
Semester 1	Freshman Status	9 credits	19 credits	31 credits
Semester 2	4 credits	14 credits	25 credits	38 credits

School Attendance

In order to participate in or practice in any activity, a student must be in attendance at school during 3 periods of their academic day or have administrative approval. Individual exceptions, such as doctor appointments, may be approved by Administration.

Student Code of Responsibilities/Student Conduct

All co-curricular students will be required to agree to the Student Code of Responsibilities.

Student Code of Responsibilities

As a student participating in my school's interscholastic activities, I understand and accept the following responsibilities:

- I will respect the rights and beliefs of others and will treat others with courtesy and consideration.
- I will be fully responsible for my own actions and the consequences of my actions.
- I will respect the property of others.
- I will respect and obey the rules of my school and the laws of my community, state and country.
- I will show respect to those who are responsible for enforcing the rules of my school and the laws of my community, state and country.

Violation of the Student Code of Responsibilities may result in a period of ineligibility as determined by the principal. Students who are suspended or proposed for expulsion or exclusion will be deemed to violate the Student Code of Responsibilities and a consequence may be imposed by the Principal for a period of ineligibility. Where the student conduct is not covered by the MSHSL rules but violates District 191 and/or Burnsville High School rules governing student conduct, the Principal may determine that the student is ineligible to participate in co-curricular activities for a reasonable period of time. If the student conduct violates both MSHSL rules and District 191/Burnsville High School rules, the more severe penalty will be implemented.

Leadership Positions/Captains

If a student serving as a captain of a team or leader of a co-curricular club/organization commits a MSHSL rule violation, the student forfeits his/her captaincy or leadership position for a period of one calendar year from the violation. Upon a second MSHSL rule violation during a student's high school career, the student will lose the opportunity for captaincy/leadership of any team or club for the remainder of the student's high school career.

Accommodations

Students with documented disabilities who require accommodations should discuss the need for reasonable accommodations with the coach or person in charge of the activity as soon as possible. A request for an accommodation will not be retroactive except in the most unusual circumstances.

Appeals Process

When a student is declared ineligible, the parent will be notified by telephone and/or mail, and the following will apply:

The student and his/her parent(s) may request a conference with the athletic/activities director. At that time the period of ineligibility will be stated and the appeal process will be reviewed. A written request to the building Principal must be made within five (5) school days of the notification of ineligibility. During the appeal process, the student is ineligible to compete in extra-curricular activities. The student may continue to practice with the team during the appeal process.

The Appeals Committee comprised of two to three teachers and the building Principal or designee will hear the appeal and make a decision on the case. A written decision will be given to the parent within 10 school days.

Post-High School Planning

COLLEGE ENTRANCE REQUIREMENTS

TYPICAL FOUR YEAR COLLEGES AND UNIVERSITIES

In general, being academically prepared for college means adequate preparation in English, history/social studies, mathematics and science. Most college programs also require the study of a world language. Study in these fields may enable students to score higher on college entrance tests. Nearly all colleges expect students to have taken at least 24 semester credits in these college preparatory academic areas while in grades 9-12. The more selective the college, the more preparation they expect in core academic disciplines.

To learn about specific admission requirements, students should consult websites of the colleges and universities where they are interested in possibly attending.

While universities will accept most high school courses in meeting their requirements, there may be some exceptions depending on the specific university. As always, if you have any questions about admission requirements, you should talk with their respective counselor.

Entrance requirements for more selective colleges and for several of the colleges of the University of Minnesota follow:

MORE SELECTIVE FOUR YEAR COLLEGES AND UNIVERSITIES

Most colleges require the following courses/credits in Grades 9-12 as a minimum:

- 8 credits in English (emphasis on writing, speaking and literature)
- 8 credits in math (2 years of algebra, 1 year of geometry, and 1 year of FST or Precalculus)
- 6 credits in laboratory sciences
- 7 credits in social sciences
- 8 credits in a single world language, strongly recommended (Grades 8-12)*

The expectations at competitive colleges are significantly higher. These colleges would expect prospective students to have challenged themselves by taking at least some Advanced Placement or enriched courses

UNIVERSITY OF MINNESOTA

Students planning to attend the University of Minnesota, or any of its branches, their freshman year should complete the following, at a minimum, in Grades 9-12:

- 8 credits in English (emphasis on writing, speaking and literature)
- 8 credits in mathematics (1 year each of algebra, geometry, advanced algebra, and FST or college algebra prep)
- 6 credits in laboratory sciences (1 year each of a biological and a physical science)
- 4 credits in a single world language (Grades 8-12)
- 6 credits in social studies (including United States history)
- 2 credits in visual and performing arts, including instruction in the history and interpretation of the art form (e.g., theater arts, music, band, chorus, orchestra, drawing, painting, photography, graphic design, etc.)

We strongly encourage students to take courses beyond these minimum requirements. Additional coursework beyond these minimums increases a student's chances for admission. Indeed, while not requiring more courses, almost all successful applicants present additional classes.

MINNESOTA STATE UNIVERSITY SYSTEM

Students planning to enter a Minnesota State University are required to complete the following courses in grades 9-12:

- 8 credits in English (emphasis on writing, speaking, and literature)
- 6 credits in science (1 year each of chemistry, physics, and biology)
- 6 credits in mathematics (1 year each of algebra, geometry, advanced algebra)
- 4 credits in a single world language (Grades 8-12)
- 6 credits in social studies (1 year each of US history and geography)

COMMUNITY COLLEGES

Community colleges offer some vocationally oriented programs involving one or two years of study to prepare for full-time employment. They also offer the first two years of a traditional four-year college program. Most community colleges admit any student who has graduated from high school. However, some programs have special admissions requirements. Interested students should check catalogs and/or speak directly with an admissions representative.

BUSINESS AND TECHNICAL SCHOOLS AND COLLEGES

A wide variety of programs are offered in these schools, both public and private. Some involve prior training in high school. Interested students should check the catalogs of these schools in the Career Center or phone the school directly for suggested high school preparation.

JOB ENTRY AFTER HIGH SCHOOL

Students who plan to enter employment directly after high school graduation may want to consider courses to improve their skills in mathematics, communications, and technical fields. Students considering moving into employment directly out of high school should also consider that they may want to pursue post-secondary training at a later time.

MILITARY SERVICE

Many training opportunities are offered in the military services. Some of these involve special preparation in high school. Military information is readily available from the recruiters and in the Career Center. Recruiters from the various branches visit frequently.

ATHLETIC ELIGIBILITY COLLEGE-BOUND STUDENT-ATHLETE DIVISION I OR II

If you intend to participate in Division I or II athletics as a college freshman, you must register and be certified by the NCAA Initial Eligibility Clearinghouse. The Clearinghouse is the agency that handles all eligibility for Division I and II athletics.

To be certified, you must submit your ACT or SAT scores to the NCAA Clearinghouse. Your scores must be sent directly from the testing agency to the Clearinghouse.

Students inquiring about approved core courses should consult with the NCAA Clearinghouse website at <https://web1.ncaa.org/hportal/exec/hsAction>

The BHS school code for all NCAA documents is 242367. Students should see their counselor if they have questions about anything related to the NCAA or athletic eligibility. See pages 60-61 for more information.

NAVIANCE - FAMILY CONNECTION

We are pleased to introduce Family Connection – a comprehensive website that you and your student can use to make plans about colleges, and careers. Family Connection is linked with Naviance™, a service that we use in our office to track and analyze data about college and career plans, so it provides up-to-date information that's specific to our school.

Family Connection allows your student to:

- Get involved in the planning and advising process – Build a resume, complete online surveys, and manage timelines and deadlines for making decisions about colleges and careers
- Research colleges – Compare GPA, standardized test scores, and other statistics to actual historical data from our school for students who have applied and been admitted in the past
- Research careers – Research hundreds of careers and career clusters, and take career assessments
- Create plans for the future – Create goals and to-dos, and complete tasks assigned by the school to better prepare your student for future college and career goals.

Family Connection also lets us share information with you and your student about upcoming meetings and events, local scholarship opportunities, and other resources for college and career information.

Getting Started

To access Family Connection, you must have the following:

- A computer that is connected to the Internet
- An e-mail address
- Username (student's same computer login)
- ID number (student's ID number)

Logging into Family Connection

1. Go to www.ISD191.org
2. Go to your school's (i.e. Burnsville High School) website.
3. Click on Naviance.
4. Enter your username in the username field.
5. Enter your password, which is your student ID number in the Password field.
6. Check the box next to "Remember Me" if you want to bypass entering this information on return visits. (Not recommended for shared or public computers.)
7. Click the Log In button.



College Credit Opportunities

The following are opportunities for students to earn college credit while enrolled at Burnsville High School. See your counselor for more information about these opportunities.



College Credit Opportunity

Watch for this symbol next to course descriptions throughout the catalog. It indicates that the course offers an opportunity to earn college credit.

	Burnsville High School College Credit Courses	College Credit may be earned the following ways:
Advanced Placement (AP)	<ul style="list-style-type: none"> AP Computer Programming A&B AP Literature and Composition (English 11) AP Calculus BC AP Statistics A&B AP Chemistry AP Environmental Science A&B AP World History AP Psychology AP Human Geography AP Computer Sciences AP Mobile CS Principles 	<p>College credits are determined by scores on AP exams and individual college AP credit policies. To find out the AP policies of the colleges you're interested in, go to:</p> <p>http://collegesearch.collegeboard.com/apcreditpolicy/index.jsp</p>
Concurrent Enrollment <ul style="list-style-type: none"> IHCC - Inver Hills Community College NCC - Normandale Community College 	<ul style="list-style-type: none"> English 1108 Writing and Research Skills (English 11A) English 1140 Introduction to Literature (English 11B) Political Science 1111 American Government 	Three MNSCU college credits Three MNSCU college credits Three MNSCU college credits
College In the Schools	<ul style="list-style-type: none"> CIS/University Writing and Critical Reading CIS/American Literature CIS/AP Calculus AB CIS/AP Government CIS/AP Microeconomics CIS/AP Macroeconomics CIS Introduction to African American Studies CIS/AP American History CIS French 4 CIS Spanish 5 	<p>Students accepted into and successfully completing this course will earn:</p> Four U of M semester credits (WRIT 1301) Four U of M semester credits (ENGL 1001W) Four U of M semester credits (Math 1371) Four U of M semester credits (POL 1001) Four U of M semester credits (APEC 1101) Three U of M semester credits (APEC 1102) Three U of M semester credits (AFRO 1011) Three U of M semester credits (HIST1307/1308) Five U of M semester credits (FREN1003/1004) Five U of M semester credits (SPAN 1003/1004)
Articulated Classes	<ul style="list-style-type: none"> Advanced Programming Advertising Campaign Chef 2: Foundations of Culinary Arts & Hospitality Child Development & Preschool Lab College Accounting Computer Applications Healthcare Core Curriculum Housing & Interior Design Intro to Business & Marketing Professional Sales & Marketing Sports & Entertainment Marketing Starting Your own Business 	<p>In addition to Advanced Placement, Concurrent Enrollment and PSEO, students also have the opportunity to earn college credit through an articulation agreement. Articulation credit can be earned at Dakota County Technical College (DCTC) and other regional post-secondary schools. Please refer to individual course descriptions in Family and Consumer Sciences, Business, Technology Education, and the Career and Technology Education additional program offerings areas for more specific courses that are eligible to receive articulation credit. Students will receive more information from teachers upon starting and completing eligible courses.</p>

Continued from previous page: The following are opportunities for students to earn college credit while enrolled at Burnsville High School. See your counselor for more information about these opportunities.



College Credit Opportunity

Watch for this symbol next to course descriptions throughout the catalog. It indicates that the course offers an opportunity to earn college credit.

	Burnsville High School College Credit Courses	College Credit may be earned the following ways:
Project Lead the Way (PLTW)	<p>Project Lead the Way offers a dynamic high school program that provides students with real-world learning and hands-on experiences</p> <ul style="list-style-type: none"> • Principles of Engineering (POE) • Introduction to Engineering Design (IED) • Civil Engineering and Architecture (CEA) • Engineering Design and Development (EDD-Capstone Course) 	<p>Many colleges and universities across the nation are PLTW Affiliate Partners including those listed at http://www.pltw.org/university-partners. PLTW classes are nationally standardized project-based courses that prepare students for college-level work and culminate with student assessment, which colleges and universities can use to determine if a student earns college credit. The following are ways post-secondary institutions articulate the PLTW (some institutions define these terms differently, so please verify before making assumptions). Check if the colleges you're interested in offer any of the following PLTW opportunities:</p> <p>Course Substitution Credit: PLTW course substitutes for a program course. Treated similar to AP or transfer credit.</p> <p>Advanced Standing Credit: PLTW course eliminates the need for an elective course; or give them no course credit, but gives them credit to advance their class standing (i.e. early registration, parking preferences, early financial assistance increase due to reaching junior status quicker).</p> <p>Partial Course Credit: Grant partial credit for a course, thus reducing the tuition to the student, but not the time.</p> <p>Bridge Courses: Course designed specifically to fill any gaps between the PLTW courses and related program courses.</p> <p>Retro-Credit Model: Students that successfully complete a higher level course in a sequence are granted program credit for a prerequisite course.</p> <p>Test-Out or Challenge Exam: Students are allowed to sit for a challenge exam, which upon successful completion will give them credit for the program course.</p> <p>Scholarship Partner: Students are awarded a scholarship or grant based upon their enrollment in PLTW programs or course(s). Students are eligible to apply for scholarships, specifically designated for PLTW students.</p> <p>Admissions Preference Partner: PLTW courses act as one of the required courses for admissions, such as a science or math equivalence courses. PLTW programs or courses are part of their weighted admissions requirements use when accepting students into the institution or degree program. PLTW enrollment grants automatic enrollment into the institution or degree program.</p>
Post Secondary Enrollment Options (PSEO)		<p>Minnesota's PSEO program allows qualified sophomores, juniors and seniors to take college coursework on Minnesota college campuses.</p> <p>If you are considering taking PSEO coursework during the 2016-2017 school year, please notify your school counselor of your plans in writing by May 30 and plan on attending an informational spring meeting. For more information visit: http://education.state.mn.us/MDE/StuSuc/CollReadi/PSEO/index.html</p>

Special Education Programming

Special Education Programming

Special Education Services are provided to eligible students with disabilities. Students can be eligible in one of 13 disability areas. The services are based on the results of an individual evaluation and documented in a student's Individual Education Program (IEP) plan. Services may include: specialized instruction in math, reading, written language, social skills, transition skills, and independent living and employment skills.

Additionally, students may require services in the areas of speech/language, occupational therapy, school social work, developmental adapted physical education, school nursing, physical therapy, orientation and mobility, sign language interpretation, instruction from a vision or deaf/hard of hearing teacher and/or teacher of the physically impaired.

Supplemental supports and services are available to students with documented needs on their IEPs and may include paraprofessional supports, assistive technology, curriculum adaptations, testing accommodations, etc. Students have an IEP manager assigned who facilitates IEP team meetings and coordinates services.

Services are delivered in the least restrictive environment based on the student's needs and determined by the IEP team. Services are individualized and provided through a combination of courses, related services, and/

or adaptations throughout the student's school day. In addition to services mentioned above, general and special education courses and individualized supports address the disability-related needs of students with IEPs. Note: Students with IEPs and 504 plans do not automatically qualify for accommodations with AP, SAT, PSAT and ACT testing. Please see your case manager and counselor for more information.

The following descriptions explain the array of instruction/service options available for students with IEPs and assist their IEP teams in determining the least restrictive environment:

1. General education courses with consultation: IEP manager provides support to general education teacher regarding the disability-related needs of the student and how to implement IEP adaptations in the specific course.
2. General education courses with paraprofessional support: Tasks by a paraprofessional are documented in the IEP to support the student in accessing content and participating in the general education courses.
3. General education co-taught courses: Special education faculty teaches collaboratively with the general education faculty to support student access and participation in the general education courses. Students receive core general education academic instruction as well as specialized instruction on their IEP goals. In addition, faculty collaborates on the implementation of adaptations documented in the student's IEP.
4. Special education separate/pull-out courses: Direct instruction on IEP goals by licensed special education faculty for whole or part of an instructional period.

responsibilities, transition to adult life post secondary environments, and resources and supports for life after high school.

RESOURCE PROGRAM

ADVOCACY: SKILLS FOR ACADEMIC SUCCESS: A & B

Course Number: 8603A/8604A

Grade Level: 9, 10, 11, 12

Prerequisite: Instructor Approval

This is a comprehensive course that is focused on the development of skills for academic success for students who need individualized instruction. This course will provide you direct instruction by special education instructors in the areas of study skills, test taking skills, organization, self-advocacy, disability rights/responsibilities, adaptations/accommodations, transition to post-secondary environments and resources and supports for life after high school.

ADVOCACY: SKILLS FOR POSITIVE CHOICES: A & B

Course Number: 8603B/8604B

Grade Level: 9, 10, 11, 12

Prerequisite: Instructor Approval

This is a comprehensive course that is focused on the development of skills in making positive choices for students who need individualized instruction. This course will provide you direct instruction by special education instructors in the areas of goal setting, coping strategies, self-regulation, interpersonal communication, problem solving, self-advocacy, self-awareness, disability rights and responsibilities, transition to post-secondary environments, and resources and supports for life after high school.

SKILLS FOR PERSONAL SUCCESS: A & B

Course Number: 8603C/8604C

Grade Level: 11,12

Prerequisite: Instructor Approval

This is a comprehensive course that is focused on the development of skills for personal success for students who need individualized instruction. Goals in the areas of making and maintaining friendships, perspective taking, and goal setting may be addressed in this course. You focus on improving in the areas of goal setting, making and maintaining friendships, perspective taking, interpersonal communication, organizational skills, self-advocacy, self awareness, disability rights and

ALGEBRA I MATH SKILLS: A & B

Course Number: 8525/8526

Grade Level: 9, 10, 11, 12

Prerequisite: Instructor Approval

This is a comprehensive course focused on Minnesota State Math Standards for students who need individualized instruction. This class is specifically designed to support and re-teach the skills taught in Algebra I. This course is taught by special education instructors. Students placed in this class have math goals on their IEP. You will focus on interpreting and writing equations, understanding basic algebraic fundamentals, and the real application of algebra.

CONSUMER MATH: A & B

Course Number: 8511/8512

Grade Level: 11, 12

Prerequisite: Instructor Approval

This is a comprehensive course focused on Minnesota State Math Standards for students who need individualized instruction. You will focus on real life math problems involving money. Goals in the areas of money, budgeting, balancing a checkbook, time concepts, and measurement may be addressed.

LANGUAGE ARTS SKILLS: A & B

Course Number: 8535/8536

Grade Level: 9, 10, 11, 12

Prerequisite: Instructor Approval

This is a comprehensive course focused on Minnesota State Language Arts Standards for students who need individualized instruction. This class will provide direct instruction in the areas of reading and writing by special education instructors. Students enrolled in this class have reading and/or writing IEP goals. You will focus on areas of reading and writing fluency, comprehension, developing reading strategies, and vocabulary and your writing will focus on simple and complex sentences, paragraph writing and vocabulary.

MATH SKILLS: A & B

Course Number: 8523B/8524B

Grade Level: 9, 10, 11, 12

Prerequisite: Instructor Approval

This is a comprehensive course focused on Minnesota State Math Standards for students who need individualized instruction. You will focus on math fluency and basic computation. Goals in the areas of basic computation, fluency, mental math, problem solving, place value, time, money, and measurement may be addressed.

SCIENCE SKILLS: A & B

Course Number: 8561/8562

Prerequisite: Instructor Approval

This is a comprehensive course focused on Minnesota State Science Standards for students who need individualized instruction.

SOCIAL STUDIES SKILLS: A & B

Course Number: 8541/8542

Prerequisite: Instructor Approval

This is a comprehensive course focused on Minnesota State Social Studies Standards for students who need individualized instruction.

FEST PROGRAM

CAREER DEVELOPMENT SKILLS: A & B

Course Number: 8683/8684

Prerequisite: Instructor Approval

This is a comprehensive course focused on Minnesota State Science Standards referenced curriculum for students who need individualized instruction for independence within the home and community. You may work on goals in the areas of career awareness, career exploration, and career investigation as part of this course. You focus on learning about career interests, strengths, self awareness, career exploration, informational interviews, job shadowing, and exploration of occupational possibilities. Community based instruction is used to generalize classroom learning.

DAILY LIVING SKILLS: A & B

Course Number: 8693/8694

Prerequisite: Instructor Approval

This is a comprehensive course for students who need individualized instruction for independence within the home and community. Goals in the areas of independent living, recreation and leisure and community participation may be addressed in this course. You will focus on home management, family living, food preparation, clothing, personal health, and mobility in the community. Community based instruction is used to generalize classroom learning. The course occurs in a two-hour block.

LANGUAGE ARTS SKILLS FOR LIFE: A & B

Course Number: 8643/8644

Prerequisite: Instructor Approval

This is a comprehensive course focused on Minnesota State Language Arts Standards for students who need individualized instruction for independence within the home and community. Goals in the areas of reading fluency and comprehension and/or writing fluency may be addressed in this course. You will focus on building skills in word recognition, reading fluency, vocabulary, literal and inferential comprehension, basic grammar, spelling, sentence structure, letter writing, and paragraph writing.

MATH SKILLS FOR LIFE: A & B

Course Number: 8633/8634

Prerequisite: Instructor Approval

This is a comprehensive course focused on Minnesota State Math Standards for students who need individualized instruction for independence within the home and community. Goals in the areas of math fluency and basic computation may be addressed in this course. You will focus on the areas of basic computation, real life math problems, money, budgeting, balancing a checkbook, time concepts, and measurement. Community based instruction is used to generalize classroom learning.

SKILLS FOR INDEPENDENT LIVING: A & B

Course Number: 8673F/8674F

Prerequisite: Instructor Approval

This is a comprehensive course focused on Minnesota State Social Studies Standards referenced curriculum for students who need individualized instruction for independence within the home and community. You will work on goals in the areas of independent living, citizenship, and interpersonal communication may be addressed in this course. You focus on improving in the areas self-awareness, responsible behavior, interpersonal skills, decision making, citizenship, and awareness of one's community. Community based instruction is used to generalize classroom learning.

SCIENCE: A & B

Course Number: 8631/8632

Prerequisite: Instructor Approval

This is a comprehensive course focused on Minnesota State Science Standards for students who need individualized instruction.

SOCIAL SKILLS: A & B

Course Number: 8691/8692

Prerequisite: Instructor Approval

This is a comprehensive course for students who need individualized instruction for independence within the home and community. Goals in the areas of interpersonal skills, social interaction and behavior within the home and community will be addressed in this course. You will focus on self-management, relationships, conversation skills, cooperation and compromise, group and public behavior, sportsmanship, self-worth and confidence. Community based instruction is used to generalize classroom learning.

NEUROBIOLOGICAL PROGRAM

LANGUAGE ARTS SKILLS II: A & B

Course Number: 8531N/8532N

Prerequisite: Instructor Approval

This is a comprehensive course focused on Minnesota State Language Arts Standards for students who need individualized instruction. Goals in the areas of reading fluency and comprehension and/or writing fluency may be addressed in this course. The course is generally aimed at reading comprehension, and literature exploration, while continuing to expand reading strategies. Your written language skills will be improved by working on fluency, complex and compound sentences, paragraph writing and essay development.

Special Education Programming

MATH SKILLS II: A & B

Course Number: 8523N/8524N

Prerequisite: Instructor Approval

This is a comprehensive course focused on Minnesota State Math Standards for students who need individualized instruction. You will focus on math fluency and advanced computation, as well as, decimals, fractions, number theories, measurement, and geometric formulas. Concepts such as algebraic thinking and data analysis are introduced.

SCIENCE: A & B

Course Number: 8561N/8562N

Prerequisite: Instructor Approval

This is a comprehensive course focused on Minnesota State Science Standards for students who need individualized instruction.

SKILLS FOR ACADEMIC SUCCESS: A & B

Course Number: 8603/8604

Prerequisite: Instructor Approval

This is a comprehensive course that is focused on the development of skills for academic success for students who need individualized instruction. Goals in the area of study skills, organizational skills, and self advocacy may be addressed in this course. You focus on improving in the areas of study skills, organizational skills, test taking skills, self awareness, disability rights and responsibilities, adaptations/ accommodations, self advocacy, transition to adult life post secondary environments, and resources and supports for life after high school.

SOCIAL STUDIES: A & B

Course Number: 8541N/8542N

Prerequisite: Instructor Approval

This is a comprehensive course focused on Minnesota State Social Studies Standards for students who need individualized instruction.

TRANSITION SKILLS I: A & B

Course Number: 8573N/8574N

Prerequisite: Instructor Approval

This is a comprehensive course for students who need individualized instruction. You may work on goals in the areas of independent living, recreation and leisure, and community participation. The course is generally aimed at integrating classroom instruction with real life while developing skills you will need for your future.

STEP PROGRAM

LANGUAGE ARTS SKILLS II: A & B

Course Number: 8818/8819

Prerequisite: Instructor Approval

This is a comprehensive course focused on Minnesota State Language Arts Standards for students who need individualized instruction. Goals in the areas of reading fluency and comprehension and/or writing fluency may be addressed in this course. You will focus on reading comprehension and literature exploration, while continuing to expand reading strategies. Your written language skills will be improved by working on fluency, complex and compound sentences, paragraph writing and essay development.

MATH SKILLS II: A & B

Course Number: 8838/8839

Prerequisite: Instructor Approval

This is a comprehensive course focused on Minnesota State Math Standards for students who need individualized instruction. You will focus on math fluency and advanced computation, as well as, decimals, fractions, number theories, measurement, and geometric formulas. Concepts such as algebraic thinking and data analysis are introduced.

SCIENCE: A & B

Course Number: 8848/8849

Prerequisite: Instructor Approval

This is a comprehensive course focused on Minnesota State Science Standards for students who need individualized instruction.

SKILLS FOR POSITIVE CHOICES: A & B

Course Number: 8863/8864

Grade Level: 9, 10

Prerequisite: Instructor Approval

This is a comprehensive course that is focused on the development of skills in making positive choices for students who need individualized instruction. This course will provide you direct instruction by special education instructors in the areas of goal setting, coping strategies, self-regulation, interpersonal communication, problem solving, self-advocacy, self-awareness, disability rights and responsibilities, transition to post-secondary environments, and resources and supports for life after high school.

SOCIAL STUDIES: A & B

Course Number: 8828/8829

Prerequisite: Instructor Approval

This is a comprehensive course focused on Minnesota State Social Studies Standards for students who need individualized instruction.

WORK BASED LEARNING

SEMINAR: WORK BASED LEARNING: A & B

Course Number: 8723/8724

Prerequisite: Instructor Approval

This is a comprehensive course that is focused on the development of skills for employment for students who need individualized instruction. Goals in the area of job seeking and job retention may be addressed in this course. You will focus on job applications, interviewing, resume writing, communication with co-workers and authority figures, team work, as well as soft skills such as being on time. You will participate in career awareness activities where they will learn about their individual career aptitudes, preferences and interests.

WORK EXPERIENCE: A & B

Course Number: 8708/8718

Prerequisite: Instructor Approval

If you participate in work based learning, you may have competitive employment or find employment with the assistance of a work based learning coordinator. You are required to take a work seminar course while participating in work experience or meet weekly with the work based learning coordinator to earn credit. You will be evaluated based on multiple measures including workplace performance.

English Learner Programming

Students who qualify for English Learner (EL) services are serviced in pull-out, sheltered content or mainstream classes, as determined by their WIDA language proficiency level:

- 1. Pull Out EL:** Students at English Language Proficiency levels 1 & 2 will attend pull-out EL Reading & Writing courses in English taught by a licensed EL teacher. These courses will consist of English Learners from all proficiency and grade levels.
- 2. Sheltered Content:** English Learners from any proficiency level may be placed in one or more Sheltered Content courses. The sheltered content courses are in the core areas of math, science, social studies and language arts. Students will learn the academic language structures of each content area while earning graduation credit in that content area. Sheltered courses may be taught by co-teachers, one who is licensed in EL and one who is licensed in the content area, by a teacher licensed in both ESL and content, or by a content licensed teacher trained in Sheltered Instruction practices. Sheltered courses may include both English

Learners and fully English proficient peers.

- 3. Mainstream content courses:** As students increase in English language proficiency, they will be placed in mainstream, or regular, content courses, with their English-speaking peers and taught by a content-licensed teacher.

Students over the age of 16, who (1) demonstrate English language proficiency level of 1, as determined by the WIDA W-APT screener, (2) are new to country, and (3) have had limited (gap of 2+ years) or no formal school experience will be served in the PATHS Language Academy the Burnsville Alternative High School. The alternative setting is designed to offer a nurturing environment where students develop their English Language skills while learning to acclimate to the U.S. school system. Students are assessed frequently to determine if a transfer to the mainstream high school setting is appropriate.

Students who demonstrate an English language proficiency level of 5.0 overall and 4.0 or higher in each ACCESS domain (speaking, listening, reading, writing) are exited from formal English Learner services and served in the mainstream classroom setting.

EL ENTERING READING, LEVEL 1: A & B

Course Number: 0201/0212

Prerequisite: Instructor Approval

The emphasis of this course is basic vocabulary development necessary for following directions and reading. You will be introduced to beginning phonics. Activities and assignments emphasize your active participation and will include introductory reading activities. Development of vocabulary is emphasized through use of context and theme-based units.

EL ENTERING SPEAKING, LEVEL 1

Course Number: 0181/0182

Prerequisite: Instructor Approval

The emphasis of this course is oral communication. This course will develop your listening and speaking skills needed for basic English communication in academic and real-life situations. Your participation and English Language production are key to success in this class.

EL ENTERING WRITING, LEVEL 1: A & B

Course Number: 0301/0312

Prerequisite: Instructor Approval

The emphasis of this course is written communication. You will be introduced to basic grammar and taught the present and past verb tenses along with vocabulary development and study. Handwriting practice in manuscript is included in this course.

EL BEGINNING READING, LEVEL 2: A & B

Course Number: 0221/0232

Prerequisite: Instructor Approval

The emphasis of this course is continued development of basic vocabulary. A beginning dictionary and the parts of speech are introduced. You will be introduced to basic summarizing and questioning using appropriate leveled books. Emphasis is on basic oral and written comprehension. Development of vocabulary is emphasized through use of context.

EL BEGINNING WRITING, LEVEL 2: A & B

Course Number: 0321/0332

Prerequisite: Instructor Approval

This emphasis of this course is to help you improve your writing skills in English as you move toward the intermediate level of proficiency. Emphasis is on writing at the sentences level as you master the syntax patterns and increase vocabulary. The longer forms of discourse are introduced with you practicing simple narrative and descriptive compositions. Topics include the simple present, present continuous, simple past, past continuous, present perfect, and future tenses.

EL DEVELOPING READING, LEVEL 3: A & B

Course Number: 0241/0252

Prerequisite: Instructor Approval

This course emphasizes extension of vocabulary development with the introduction of multiple meanings and parts of speech and comprehension beyond the literal level. You will use a dictionary and vocabulary development is emphasized through use of context. Literary terms are introduced through appropriate leveled readings.

EL DEVELOPING WRITING, LEVEL 3: A & B

Course Number: 0341/0352

Prerequisite: Instructor Approval

The emphasis of this course is to introduce you to academic writing and vocabulary that you will encounter in mainstream English classes. Sentence strategies are taught so you can identify and correctly produce simple, compound, and complex sentences. Paragraph organization and purpose, grammar, usage, and spelling are also taught.

EL EXPANDING READING/WRITING, LEVEL 4: A & B

Course Number: 0381/0392

Prerequisite: Instructor Approval

Expanding Reading and Writing is designed for EL students who are expanding their reading and writing skills into a more academic context. There is an emphasis on reading in the content areas and gaining meaning from the text. Academic writing continues to stress grammar and syntax. You will write multi-paragraph essays for a variety of purposes and audiences and be engaged in writing as a process, which includes pre-writing, organizing, drafting, and revising. Special attention is paid to writing for American audiences.

Course Offerings Summary

CC - College Credit may be possible

C - Certification may be possible

FA - Fine Arts Credit

English/Language Arts Core (Page 46)

Course No.	Course Title	Grade Levels
0421/0432	ENGLISH 10: A & B	10
0441/0452	HONORS ENGLISH 10: A & B	10
0521/0532	ENGLISH 11: A & B	11
0581/0592	ENGLISH 11: AP LITERATURE & COMP: A & B	11
0911/0912	ENGLISH 9: A & B	9
0921/0922	HONORS ENGLISH 9	9
0750	ENGLIS	12
0770	ENGLISH 12: AMERICAN LITERATURE	12
0840	CIS/UNIVERSITY WRITING & CRITICAL READING	12 CC
8529/8530	LANGUAGE ARTS SKILLS 9: A & B	9
8531/8532	LANGUAGE ARTS SKILLS 10: A & B	10
8531N/8532N	LANGUAGE ARTS SKILLS II: A & B	9, 10, 11, 12
8533/8534	LANGUAGE ARTS SKILLS 11: A & B	11
8535/8536	LANGUAGE ARTS SKILLS: A & B	9, 10, 11, 12
8571/8572	LANGUAGE ARTS SKILLS 12: A & B	12
0880	CIS/AMERICAN LITERATURE	11, 12 CC
IH0511	IHCC: ENGLISH 1108 WRITING & RESEARCH SKILLS	11 CC
IH0522	ENGLISH 11B: IHCC: INTRO TO LITERATURE	11 CC

Mathematics Core (Page 48)

2371/2382	EL GEOMETRY: A & B	9, 10, 11, 12
2611/2622	GEOMETRY A & B	9
2631/2642	EL ALGEBRA II: A & B	10, 11, 12
2643/2644	ALGEBRA II A & B	10
2651/2662	ALGEBRA II A & B	11
2681/2692	HONORS ALGEBRA II: A & B	9, 10, 11
2921/2922	HONORS GEOMETRY A & B	9
8511/8512	CONSUMER MATH: A & B	11, 12
8521/8522	ALGEBRA II MATH SKILLS: A & B	11, 12
8523/8524	GEOMETRY MATH SKILLS: A & B	9, 10
8523B/8524B	MATH SKILLS: A & B	9, 10, 11, 12
8523N/8524N	MATH SKILLS II: A & B	9, 10, 11, 12
8525/8526	ALGEBRA I MATH SKILLS: A & B	9, 10, 11, 12

Health/Physical Education Core (Page 49)

4000	HEALTH	10
4010	INDIVIDUAL, TEAM & FITNESS	9

Science Core (Page 49)

3301/3312	BIOLOGY: A & B	10
3321/3332	EL BIOLOGY: A & B	
3401/3412	HON. BIOLOGY: A & B	10
3601/3612	CHEMISTRY CONCEPTS: A & B	11
3611/3622	EL CHEMISTRY: A & B	
3631/3642	CHEMISTRY: A & B	11
3651/3662	HON. CHEMISTRY: A & B	11
3911/3912	PHYSICAL SCIENCE A & B	9
3921/3922	HON. PHYSICAL SCIENCE A & B	9
3971/3982	EL PHYSICAL SCIENCE: A & B	
8561N/8562N	SCIENCE: A & B	9, 10, 11, 12

Social Studies Core (Page 51)

1501/1512	WORLD HISTORY: A & B	10
1521/1532	AP WORLD HISTORY: A & B	10 CC
1541/1552	AMERICAN HISTORY: A & B	11
1561/1572	CIS/AP AMERICAN HISTORY: A & B	11 CC
1580	AMERICAN GOVERNMENT & POLITICS	12
1581	CIS/AP AMERICAN GOVERNMENT	12 CC
IH1583	IHCC: AMERICAN GOVT.	12 CC
1590	PRINCIPLES OF ECONOMICS	12

1592	CIS/AP MICROECONOMICS	12 CC
1841/1852	EL AMERICAN HISTORY: A & B	11
1911	HUMAN GEOGRAPHY	9
1921/1922	AP HUMAN GEOGRAPHY: A & B	9 CC
1941	EL HUMAN GEOGRAPHY	9
8541N/8542N	SOCIAL STUDIES: A & B	9, 10, 11, 12

Arts, Global Communication & Info Systems (Page 23)

2551/2562	AP COMPUTER SCIENCE A & B	10, 11, 12 CC
0640/0651	INTERMEDIATE MEDIA PRODUCTION: A & B	10, 11, 12
0650/0661	ADVANCED MEDIA PRODUCTION: A & B	11, 12
2500	INTRO TO PROGRAMMING	9, 10, 11, 12
2510	ADVANCED PROGRAMMING	9, 10, 11, 12
2540	IT EXPLORATION	9, 10, 11, 12
2570	MOBILE CS PRINCIPLES	9, 10, 11, 12
2580/2590	AP MOBILE CS PRINCIPLES A & B	10, 11, 12 CC
5021	DRAWING & PAINTING I	9, 10, 11, 12 FA
5031	DRAWING & PAINTING II	9, 10, 11, 12 FA
5041	DRAWING & PAINTING III	10, 11, 12 FA
5051	GLOBAL ARTS & JEWELRY I	9, 10, 11, 12 FA
5061	GLOBAL ARTS & JEWELRY II	9, 10, 11, 12 FA
5091	VISUAL MEDIA & DESIGN I	9, 10, 11, 12 FA
5092	VISUAL MEDIA & DESIGN II	9, 10, 11, 12 FA
5110	SENIOR ARTIST: DRAWING & PAINTING	12 FA
5120	CERAMICS I	9, 10, 11, 12 FA
5130	CERAMICS II	9, 10, 11, 12 FA
5140	CERAMICS III	10, 11, 12 FA
5150	SENIOR ARTIST: CERAMICS	12 FA
5500	MUSIC THEORY	FA
5501/5502	FRESHMAN BAND: A & B	9 FA
5511/5512	BLAZE BAND: A & B	10 FA
5521/5522	SYMPHONIC BAND: A & B	11, 12 FA
5531/5532	WIND ENSEMBLE: A & B	10, 11, 12 FA
5541/5542	SYMPHONIC ORCHESTRA: A & B	9, 10, 11, 12 FA
5561/5562	JAZZ ENSEMBLE: A & B	9, 10, 11, 12 FA
5571/5572	BLAZE ORCHESTRA: A & B	9, 10, 11, 12 FA
5601/5602	FRESHMAN CHOIR: A & B	9 FA
5631/5632	FREESTYLE: A & B	10, 11, 12 FA
5641/5642	BEL CANTO: A & B	10, 11, 12 FA
5661/5662	BLAZE CHOIR: A & B	10, 11, 12 FA
5671/5672	CONCERT CHOIR: A & B	10, 11, 12 FA
5701	BEGINNING PIANO	FA
5702	INTERMEDIATE PIANO	FA
5703	ADVANCED PIANO	FA
5711	BEGINNING GUITAR	FA
5712	INTERMEDIATE GUITAR	FA
5713	ADVANCED GUITAR	FA
5800	ACTING I	9, 10, 11, 12 FA
5810	ACTING II	9, 10, 11, 12 FA
5813/5814	DANCE TECHNIQUE I A & B	9, 10, 11, 12 FA
5821/5822	DANCE TECHNIQUE II A & B	10, 11, 12 FA
0620	JOURNALISM & YEARBOOK PRODUCTION: A & B	9, 10, 11, 12
0630	INTRO TO MEDIA PRODUCTION	9, 10, 11, 12
7070	MULTIMEDIA ANIMATION	9, 10, 11, 12 FA
7080	3-D DESIGN	10, 11, 12 FA
7260	WEB DESIGN	9, 10, 11, 12 FA
7630	DIGITAL PHOTOGRAPHY & MANIPULATION	9, 10, 11, 12 FA
7640	ADVANCED DIGITAL PHOTO & MANIPULATION	9, 10, 11, 12 FA
0800	CREATIVE WRITING	10, 11, 12
8001	DESIGN STUDIO INTRO	9, 10, 11, 12 FA
8010	CREATIVE PRODUCT DEVELOPMENT	10, 11, 12
8020	FASHION PRODUCTION & MERCH	10, 11, 12 FA
8070	HOUSING & INTERIOR DESIGN	10, 11, 12 FA CC

Design, Engineering & Manufacturing Tech (Page 32)

3671/3682	AP CHEMISTRY	12	CC
7501/7512	INTRO TO ENGINEERING DESIGN A & B	9, 10, 11, 12	CC
7510/7520	PRINCIPLES OF ENGINEERING A & B	10, 11, 12	CC
7530/7531	CIVIL ENGINEERING & ARCHITECTURE A & B	10, 11, 12	CC
7551/7552	ENGINEERING DESIGN & DEVELOPMENT A & B	11, 12	CC
7560	WOODWORKING	9, 10, 11, 12	
7563	CABINET MAKING	9, 10, 11, 12	
7580	MANUFACTURING DESIGN & FABRICATION	9, 10, 11, 12	
7700	ENGINE TECHNOLOGY	9, 10, 11, 12	
7748	WELDING/AUTO-BODYWORK & REFINISHING	10, 11, 12	
7750	INTRO TO CONSUMER AUTO	10, 11, 12	
7758	ADVANCED AUTO/VEHICLE SERVICES	11, 12	CC
7808	CONSTRUCTION TRADES I	10, 11, 12	CC
7818	CONSTRUCTION TRADES II	10, 11, 12	CC

Business, Management & Entrepreneurship (Page 36)

1594	CIS/AP MACROECONOMICS	12	CC
7130	PERSONAL MONEY MANAGEMENT	10, 11, 12	
7151	INTRO TO BUSINESS & MARKETING	9, 10, 11, 12	CC
7160	SPORTS & ENTERTAINMENT MARKETING	10, 11, 12	CC
7163/7164	DECA SEMINAR A & B	11, 12	
7171	PROFESSIONAL SALES & MARKETING	10, 11, 12	CC
7180	STARTING YOUR OWN BUSINESS	10, 11, 12	CC
7183	EVENT MANAGEMENT	10, 11, 12	
7191	ADVERTISING CAMPAIGN	10, 11, 12	CC
7200	ACCOUNTING	10, 11, 12	
7210	COLLEGE ACCOUNTING	10, 11, 12	CC
8030	CHEF I	9, 10, 11, 12	C
8040	COOKING IN MOTION	9, 10, 11, 12	
8041	FOUNDATIONS OF FOOD	9, 10, 11, 12	
8080	GLOBAL FOODS	9, 10, 11, 12	
8090/8091	CHEF II: FOUND. OF CULINARY ARTS I A & B	11, 12	CC
8093/8094	ADVANCED CHEF & HOSPITALITY MGMT A & B	12	CC

Health Sciences & Human Services (Page 41)

1594	CIS/AP MACROECONOMICS	12	CC
1610	PUBLIC AFFAIRS	11, 12	
1620	PSYCHOLOGY	11, 12	
1630	INTRO TO SOCIOLOGY	11, 12	
1680	FORENSIC SCI & CRIMINAL JUSTICE	10, 11, 12	BAHS Only
3510	HUMAN ANATOMY & PHYSIOLOGY	11, 12	
4001	CURRENT HEALTH ISSUES & CAREERS	12	BAHS Only
4340	YOGA, PILATES & FITNESS I	10, 11, 12	
4352	YOGA, PILATES & FITNESS II	10, 11, 12	
4500	STRENGTH & CONDITIONING I	10, 11, 12	
4510	STRENGTH & CONDITIONING II	10, 11, 12	
4710	FIRST AID & CPR/AED	11, 12	C
4720	ATHLETIC TRAINING & PHYSICAL THERAPY	11, 12	
8051	CHILD PSYCHOLOGY & DEVELOPMENT I	9, 10, 11, 12	CC
8052	CHILD PSYCHOLOGY & DEVELOPMENT II	9, 10, 11, 12	CC
8068	PRESCHOOL LAB EXPERIENCE	10, 11, 12	
8100	SOCIAL & FAMILY RELATIONS	11, 12	
8140	HEALTHCARE CORE CURRICULUM	11, 12	CC
8150	NURSING ASSISTANT/HOME HEALTH AIDE	11, 12	
8301/8302	T.A.S.K. TEACHING TO ACHIEVE SUCCESS A & B	11, 12	

Global Electives - CTE (Page 54)

2980	INDEPENDENT STUDY - COMPUTERS	10, 11, 12	CC
7230	COMPUTER APPLICATIONS	9, 10, 11, 12	CC
7490	INDEPENDENT STUDY - BUSINESS ED	10, 11, 12	
7990	INDEPENDENT STUDY - TECHNICAL ED	11, 12	
8111	MAAP STARS/CAREERS INVESTIGATION	10, 11, 12	BAHS Only
8120	CAREER INVESTIGATION	10, 11, 12	BAHS Only
8490	IND STUDY - FAMILY & CONSUMER SCIENCES	11, 12	

Global Electives - Fine Arts (Page 54)

5690	INDEPENDENT STUDY - FINE ARTS	10, 11, 12	FA
5720	HISTORY OF ROCK & ROLL	9, 10, 11, 12	FA

Global Electives - English/Language Arts (Page 54)

0710	CIS PUBLIC SPEAKING	11, 12	CC
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Global Electives - Math (Page 55)

2401/2412	ALGEBRA FUSION: A & B	9	
2701/2712	ALGEBRA III: A & B	11, 12	
2751/2762	PRECALCULUS: A & B	10, 11, 12	
2771/2782	HON. PRECALCULUS A & B	10, 11, 12	
2811/2822	CIS/AP CALCULUS AB: A & B	10, 12	CC
2851/2862	AP CALCULUS BC: A & B	11, 12	
2951/2962	AP STATISTICS: A & B	11, 12	

Global Electives - Physical Education (Page 56)

4030	TEAM SPORTS	10, 11, 12	
4040	CONTACT TEAM SPORTS	10, 11, 12	
4050	RACKET SPORTS I	10, 11, 12	
4070	RECREATIONAL SPORTS	10, 11, 12	
4552	FLOOR HOCKEY, SOCCER, & SPEEDBALL	10, 11, 12	
4620	RACKET SPORTS II	10, 11, 12	
4730	SELF DEFENSE	10, 11, 12	
4990	INDEPENDENT STUDY - PHYSICAL EDUCATION	11, 12	
8421/8432	PERSONAL DEVELOPMENT	11, 12	BAHS Only

Global Electives - Science (Page 56)

3540	ASTRONOMY	11, 12	
3721/3732	PHYSICS: A & B	12	
3821/3832	HON. PHYSICS: A & B	12	
3851/3862	AP ENVIRONMENTAL SCIENCE: A & B	11, 12	CC
3890	ENVIRO STUDIES & WILDLIFE CONS	10, 11, 12	BAHS Only
3990	INDEPENDENT STUDY - SCIENCE	11, 12	

Global Electives - Social Studies (Page 57)

1650	CIS SOCIOLOGY: FAMILY IN MULTICULTURAL AM.	11, 12	CC
1661/1672	AP PSYCHOLOGY A & B	12	CC
1681	SURVEY OF 20TH CENTURY AMERICA	12	
1690	CIS - INTRO TO AFRICAN AMERICAN STUDIES	11, 12	CC

Global Electives - World Languages (Page 58)

6001/6012	FRENCH I: A & B	9, 10, 11, 12	
6041/6052	FRENCH II: A & B	9, 10, 11, 12	
6081/6092	FRENCH III: A & B	10, 11, 12	
6121/6132	CIS FRENCH IV: A & B	11, 12	CC
6161/6172	CIS FRENCH V: A & B	11, 12	CC
6301/6312	SPANISH FOR HERITAGE LEARNERS I: A & B	9, 10, 11, 12	
6311/6322	SPANISH FOR HERITAGE LEARNERS II: A & B	10, 11, 12	
6401/6412	SPANISH I: A & B	9, 10, 11, 12	
6441/6452	SPANISH II: A & B	9, 10, 11, 12	
6481/6492	SPANISH III: A & B	10, 11, 12	
6521/6532	SPANISH IV: A & B	11, 12	
6561/6572	CIS SPANISH V: A & B	11, 12	CC

Global Electives - Youth Service (Page 59)

8321/8322	YOUTH SERVICE TEACHING: A & B	11, 12	
8331/8332	YOUTH SERVICE PEER TUTOR: A & B	11, 12	
8351/8352	YOUTH SERVICE SOCIAL SERVICES: A & B	11, 12	
8401/8402	YOUTH SERVICE COMMUNITY VOLUNTEER: A & B	10, 11, 12	

Burnsville Alternative High School

Welcome to Burnsville Alternative High School (BAHS), which is a public educational option designed to help students in grades 10-12 remain in school and earn their high school diplomas.

BAHS offer classes in a student-centered, small and caring environment. Class sizes are small and individual support is provided to meet the needs of each learner. We enjoy helping our students succeed and supporting our teachers in their work. We're passionate about learning and we're here to help your child achieve their fullest potential possible.

Graduation, college and career readiness is our goal and expectation for each student. We work in partnership with our students, families, community and stakeholders to make this happen.

Vision – Success for all, regardless of circumstances.

Mission – We, as a learning community, promote academic and personal success for all; one student, one day at a time.

Programming

AVID

Academic strategies like writing to learn, inquiry, collaboration, organizational skills, and critical reading (WICOR) are taught in all classes by teachers who have been trained to use AVID (Advancement Via Individual Determination) strategies in their specific content areas. We're using AVID's proven strategies to decrease the achievement gap and increase school-wide academic performance for students with an intentional focus on college & career readiness skills. The Burnsville Alternative High School staff is excited about this building wide AVID program.

PATHS (Preparing Academics Through Holistic Support)

PATHS Language Academy is designed to help students learn English while celebrating all cultures. Our special program offers:

- Personal attention to learning English while earning a high school degree
- Small classroom sizes for more time with teachers
- Graduation credits and internship opportunities
- Opportunities to keep in touch with friends and family globally using computers
- Family events that honor all cultures
- Local resources and support for the entire family

In addition, students will build relationships with others who are new to the U.S. through friendships and mentoring.

Dakota County Technical College (DCTC) Opportunities

Students in grades 10-12 have the opportunity to enroll in any of the technical career areas offered through Dakota County Secondary Technical Center. Dakota County Secondary Technical Center provides technical education for high school students. Juniors and seniors may be able to earn college credit in some courses.

General Information

- Relationships are an essential part of our school culture and student success.
- Any student 10th grade and older may apply to enter the Burnsville Alternative High School. A guidance counselor, teacher, parent or administrator may refer students.
- Students may take any number of classes at BAHS depending on their need and interests. They are also eligible to attend Dakota County Technical College, or participate (if eligible) in any co-curricular options available to Burnsville High School students.
- The Burnsville Alternative High School day is organized using a 4 block structure that meet for a full quarter. A block equates to

18 • Information listed in this catalog is current as of January 2017. It is available online at www.isd191.org/coursecatalog.

Administrative Team



Janice Porter,
Principal



Stephen Pettinelli,
Dean of Students

Contact Us

2140 Diffley Road
Eagan, MN 55122
952-707-4020

www.isd191.org/bahs

two periods.

- Students must be making reasonable progress toward graduation to continue participation in the program. If a student is failing to make satisfactory progress, a meeting will be held to determine what educational option is appropriate.
- Students graduating from BES ALC may participate in the ALC graduation ceremony, their local school ceremony or both.
- BAHS is dedicated to creating a positive culture and climate to help every student succeed. We utilize Positive Behavioral Interventions & Supports (PBIS) strategies to aid students in striving for academic excellence, personal growth and real world readiness by following core values of Pride, Respect and Responsibility.

Courses

Students may take any credits necessary to earn a high school diploma. Credits from other accredited high schools transfer to the Burnsville Alternative High School. For credit questions, please contact DeSha Russell, Guidance Counselor, at 952-707-4031.

Credit

Students must complete all required work and meet the attendance standards in order to receive credit. At the end of each quarter, students can receive one semester credit for each block class.

Evaluation

Students are evaluated both on course content, the skills they demonstrate in acquiring the material presented, and their attendance. Grades will reflect proficiency or mastery of course content, quality of the work completed, level of participation in class, and daily attendance. Emphasis is placed on the quality of the student's day to day performance. Students receive a weekly progress report.

Attendance

Attendance is a critical component of the alternative program. Attendance is directly tied into the credit a student earns. It is a part of the student's grade. According to Minnesota State law, all students are to be in school until the age of 18. A student is considered truant if they have 7 unexcused absences, either 7 full days, single periods on 7 different days, or a combination of both. A truancy report must be filed with the county. The goal is to keep students in school. The BES ALC high school alternative program abides by this law and will respond accordingly.

Credit Recovery

For students in grades 10-12 in need of credit recovery, the BES Area Learning Center Extended Day program is offered in an online format. There are usually two sessions during the school year. Students can sign up for a maximum of two (2) courses per session. The online class must be completed during the enrolled session. All students are required to take a pre-assessment on the first day of the session. Teachers are available for assistance during the week on specifically assigned days which are published during the registration periods. Students are required to meet with their teachers a minimum of 10 times during the session.

Career Fields

What is a Career Field?

Potential career interests are broken into four categories called Career Fields (shown on the next page). Each Career Field contains careers that are related to each other. By placing the careers in fields, we hope to help students see many options that may pique their interests based on careers they already know about.

The list of careers on the Career Fields page is by no means comprehensive. It provides examples of the kinds of careers students might be preparing for by following a particular Pathway.

How do I use the Career Fields Page?

Each colored section represents a Career Field, with the name of the field listed at the top of the section. For instance, the purple section is the “Arts, Global Communications & Information Systems” Career Field. Other Career Fields are “Design, Engineering & Manufacturing Technologies” in orange, “Business, Management & Entrepreneurship” in yellow, and “Health Sciences & Human Services” in blue. These color themes follow throughout the Course Catalog.

Within each Career Field, there are three or four groups of careers. These groups have a heading (e.g. “Visual & Performing Arts” in the Arts, Global Communications & Information Systems field), which is the name of a Pathway at Burnsville High School. **Read more about Pathways on Page 21.**

Then, under each Pathway is a list of career examples. A student who is interested in a particular career can find it on the Career Fields page and then know which Pathway they would follow to begin preparing for that career. For instance, if you are interested in Radio Broadcasting, you’ll see that career falls under the “Journalism & Broadcasting” Pathway. Simply turn to the Purple section of this catalog to get details about the Journalism & Broadcasting Pathway.

What is Success 191?

At the center of the Career Fields page is “Success 191.” This is a one-semester course that students take during their first year at Burnsville High School (ninth-grade only). In Success 191, students will learn about themselves, their interests and beginning planning their futures. Students will learn about what options they have, planning their studies to ensure they graduate, choosing the right college or field of study, finding scholarships, and much more.

College & Career Core

The “College & Career Core” section includes courses that all students take to prepare them for college or a career. In many courses, there are advanced level options.

Global Electives

Elective course offerings can be found in each Pathway table and section of this catalog. Additional elective courses that may not fall into a specific Pathway are also found in the Global Electives section and listed by department.

How to Read the Career Fields Page

Career Field	Arts, Global Communications & Information Systems	
Pathway	Visual & Performing Arts <ul style="list-style-type: none"> • Music • Theater • Visual Arts 	Information Technology <ul style="list-style-type: none"> • Information Support Services • Network Systems • Programming & Software • Web & Digital Communications
Career Examples	Journalism & Broadcasting <ul style="list-style-type: none"> • Video Journalism • Print Journalism • Radio Broadcasting 	

QUICK GUIDE

Career Fields
Broad categories of career interests. There are 4 Career Fields, each represented by a different color.

Pathways
Series of classes that students take to help them prepare for their futures.

Career Examples
Real-world jobs



Career Fields

This guide will help students find Pathways that are related to their career interests.



Pathways

What is a Pathway at Burnsville High School?

A Pathway is a series of classes that BHS students can take that will help them follow their interests and prepare for further study, training or work opportunities within a career field. As students learn more about their interests, they can explore one or more Pathways, which can help them:

- Plan their education at BHS and beyond.
- Prepare for college and career.
- Explore classes that might interest them.
- Understand how classes & careers fit together.
- Understand what is required for success.

Each Pathway falls within a Career Field. For instance, a student who is interested in architecture would:

1. Look in the Design, Engineering, Manufacturing Technology Career Field, which includes architecture,
2. Find the Architecture & Construction Pathway, and
3. Plan to take courses in that Pathway, starting from the bottom and building to the top.

This catalog has sections for each Career Field, and inside each section, you'll see a grid like the one below that will help you organize and plan your courses throughout your high school career.

Can I only choose one Pathway?

You are not limited by the Pathways. They are intended to help you find courses that match your interests, but you can take courses from many different Pathways, as long as you meet BHS credit requirements shown on Page 6.

How do I use the Pathway table?

Each column in the table represents a specific Pathway. In the table below, the Pathways are "Architecture & Construction," "Manufacturing," "Engineering, Design & Technology," and "Engine & Automotive Technology."

Courses in that column build from introductory courses at the bottom, which might be taken in ninth grade, to more advanced courses at the top.

Design, Engineering & Manufacturing Technologies Pathways

Career Field

Designated by color throughout the catalog

Pathways

Each column in the table represents a Pathway. Use the Career Fields page to find careers that interest you and which Pathways they fall within.

Courses

Start at the bottom of the table to find introductory courses in your Pathway, then plan to build up toward advanced courses that will prepare you more and more for the careers that interest you. Grades shown are recommended

This page will help students find & choose courses that are related to a particular Pathway. Each column in the table represents a specific Pathway. Courses in that column build from introductory courses at the bottom, which might be taken in ninth grade, to more advanced courses at the top.

Grade	Architecture & Construction	Manufacturing	Engineering, Design & Technology	Engine & Automotive Technology
12		• Advanced Placement Chemistry		
11, 12	• Engineering Design & Development	• Engineering Design & Development	• Engineering Design & Development	• Advanced Auto/Vehicle Services
10, 11, 12	• Construction Trades 1 • Construction Trades 2 • Civil Engineering & Architecture • Principals of Engineering	• Construction Trades 1 • Construction Trades 2 • Civil Engineering & Architecture • Principals of Engineering • Create-a-Skate (BAHS)	• Civil Engineering & Architecture • Principals of Engineering • Create-a-Skate (BAHS)	• Introduction to Consumer Auto • Welding/Autobody Work & Refinishing
9, 10, 11, 12	• Cabinet Making • Fab Lab • Introduction to Engineering Design • Woodworking	• Cabinet Making • Fab Lab • Introduction to Engineering Design • Woodworking	• Cabinet Making • Fab Lab • Introduction to Engineering Design • Woodworking	• Engine Technology

More information at www.isd191.org/pathways.



SUCCESS 191

SUCCESS 191 is a one-semester course in which ninth-grade students will learn about themselves, their interests and begin planning their futures. Students enrolling in Success 191 will receive information at registration information sessions.



ARTS, GLOBAL COMMUNICATIONS & INFORMATION SYSTEMS

Visual & Performing Arts
Information Technology
Journalism & Broadcasting

Icon Key



College Credit Opportunity



Certification Opportunity



Fine Arts Credit

Watch for these symbols next to course descriptions throughout the catalog. They indicate that the course offers an opportunity to earn college credit, a professional certification, and/or meets the Burnsville High School Fine Arts requirement.

Arts, Global Communications, Information Systems Pathways

This page will help students find & choose courses that are related to a particular Pathway. Each column in the table represents a specific Pathway. Courses in that column build from introductory courses at the bottom, which might be taken in ninth grade, to more advanced courses at the top.

Grade	Visual & Performing Arts	Information Technology	Journalism & Broadcasting
12	<ul style="list-style-type: none"> • Senior Artist: Ceramics • Senior Artist: Drawing & Painting 	<ul style="list-style-type: none"> • Advanced Media Production 	<ul style="list-style-type: none"> • Advanced Media Production
11, 12	<ul style="list-style-type: none"> • Advanced Guitar • Advanced Media Production • Advanced Piano • Symphonic Band 	<ul style="list-style-type: none"> • Intermediate Media Production 	<ul style="list-style-type: none"> • Intermediate Media Production
10, 11, 12	<ul style="list-style-type: none"> • 3-D Design • Acting II • Bel Canto • Blaze Choir • Ceramics III • Creative Product Development • Concert Choir • Dance Technique II • Drawing & Painting III • Fashion Production & Merchandising • Freestyle Choir • Global Arts & Jewelry II • Housing & Interior Design • Intermediate Guitar • Intermediate Media Production • Intermediate Piano • Wind Ensemble 	<ul style="list-style-type: none"> • 3-D Design • AP Computer Programming • AP Mobile CS Principles 	<ul style="list-style-type: none"> • 3-D Design • Creative Writing
10	<ul style="list-style-type: none"> • Blaze Band 		
9, 10, 11, 12	<ul style="list-style-type: none"> • Acting I • Advanced Digital Photography & Manipulation • Beginning Guitar • Beginning Piano • Blaze orchestra • Ceramics I • Ceramics II • Dance Technique I • Design Studio Introduction • Digital Photography & Manipulation • Drawing & Painting I & II • Global Arts & Jewelry I • Jazz Ensemble • Multimedia Animation • Music Theory • Symphonic Orchestra • Visual Media & Design I & II 	<ul style="list-style-type: none"> • Advanced Digital Photography & Manipulation • Advanced Programming • Digital Photography & Manipulation • Introduction to Programming • IT Exploration • Mobile CS Principles • Multimedia Animation • Visual Media & Design I & II • Web Design 	<ul style="list-style-type: none"> • Advanced Digital Photography & Manipulation • Digital Photography & Manipulation • Introduction to Media Production • Journalism & Yearbook Production • Multimedia Animation • Visual Media & Design I & II
9	<ul style="list-style-type: none"> • Freshman Band • Freshman Choir 		

3-D DESIGN

Course Number: 7080

Grade Level: 10, 11, 12

Prerequisite: Multimedia Animation

This course builds on the knowledge and skills learned in Multimedia Animation to provide you with the opportunity to study the concepts of multimedia design more in-depth. Specifically, you will learn more about graphics and animation software use in product design, film effects, and communication. In this high-end, fast-paced course, you will use the software 3-D Max, used by the film industry to model and develop its animated movies, to design and fabricate a toy or product that markets the characters and storyline of a 3-D film. You will also market the product using communication skills.



ACTING I

Course Number: 5800

Grade Level: 9, 10, 11, 12

Prerequisite: None

Acting is the study and application of basic acting experiences. You will work with inhibition, stage fright, voice and body exercises, pantomime, charades, story dramatization, and improvisation. It will also expose you to character portrayal in various memorized cuttings from different plays of the modern period.



ACTING II

Course Number: 5810

Grade Level: 9, 10, 11, 12

Prerequisite: Acting 1 or instructor approval

You will receive training in acting theory, method, and technique in this more advanced acting course. You will use these in working with scripts representing styles from French fop to James Dean rebel. You will also be given opportunities to direct scenes in these various styles. Actors may use scripts in student-directed scenes.



ADV. DIGITAL PHOTOGRAPHY & MANIPULATION

Course Number: 7640

Grade Level: 9, 10, 11, 12

Prerequisite: Digital Photography and Manipulation

The Advanced Digital Photography and Manipulation course provides you with a more in-depth study of photographic composition, specifically portrait/people and nature photography with an emphasis on controlled lighting and flash photography. You will also study and perform advanced digital manipulation and facial repair (image enhancements) with Adobe CS5 or higher and will use images in presentations (PowerPoint and Windows Movie Maker), printing, enlarging and displaying. To complete the required projects, you are encouraged to provide your own cameras. You may be responsible for materials needed for take-home projects above the requirements of the course.



ADVANCED MEDIA PRODUCTION: A & B

Course Number: 0650/0661

Grade Level: 11, 12

Prerequisite: Intermediate Media Production

Advanced Media Production is designed to give you the advanced skills and understanding of television production. This course is strongly recommended for students who are interested in media and media production as a career choice. You will also be encouraged to explore other aspects of video production including music videos, documentaries and short films. You will be required to mentor other students and have opportunities to participate in internships, as well as, produce segments for Burnsville cable educational channel 18 (BCTV).

ADVANCED PROGRAMMING

Course Number: 2510

Grade Level: 9, 10, 11, 12

Prerequisite: Introduction to Programming

This course builds on the knowledge and skills learned in Introduction to Programming to provide you with the opportunity to study the concepts of programming more in-depth. You will continue your study of the Visual Studio design environment. Specifically, you will learn to use many basic program structures, including variables and arrays, decision and loop structures, user defined sub-routines and functions, file and registry operations, and OLE (Object Linking and Embedding). Python will be introduced.



ADVANCED PLACEMENT COMPUTER SCIENCE A & B

Course Number: 2551/2562

Grade Level: 10, 11, 12

Prerequisite: None

If you are planning on taking the AP Computer Science Exam, you will want to take Advanced Placement (AP) Computer Science. The AP Computer Science Course will provide you with experiences suitable for continued study of computer science at the university level or study in other disciplines that require significant involvement with computing. You will learn and apply program design, programming techniques and implementation, program analysis and error handling, data structures, algorithms, and the study of modern computer hardware and operating systems.



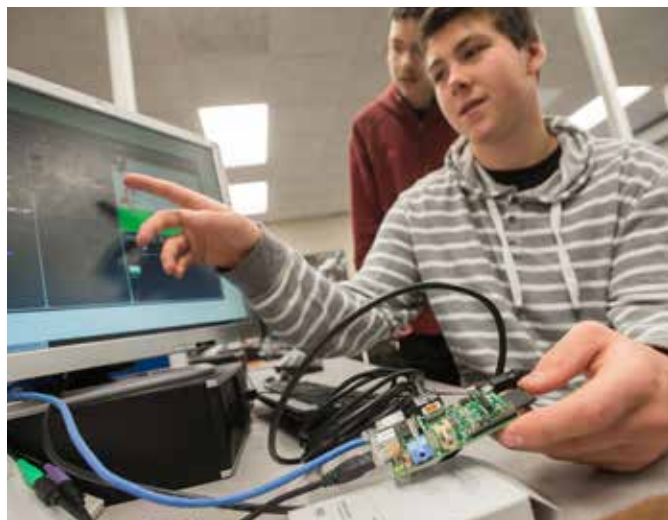
ADVANCED PLACEMENT MOBILE CS PRINCIPLES A & B

Course Number: 2580/2590

Grade Level: 10, 11, 12

Prerequisite: Successful completion of Algebra recommended

Advanced Placement (AP) Mobile Computer Science Principles provides you an opportunity for advanced study of the applications and principles of computer science. You will learn about computer science and deepen your understanding of its fundamental concepts through building socially useful mobile apps. In addition to programming and core computer science concepts, the course is project-based and designed to strengthen your skills in the areas of writing, communication, collaboration, and creativity. If you are looking at careers in computer science, this course will ensure you have the knowledge and skills employers are looking for.



Arts, Global Communications, Information Systems Pathways

BANDS

FRESHMAN BAND: A & B

Course Number: 5501/5502

Grade Level: 9

Prerequisite: 8th grade band, or instructor approval

Freshman Band reinforces good playing techniques and habits learned in middle school band, while performing a wide variety of challenging repertoire and presentations. The Freshman Band will study more mature musical concepts and techniques, with the primary focus on fostering quality breathing techniques, musicianship, characteristic tone and ensemble techniques. Attendance at several performances outside of the school day is required of all members. Members will be responsible for obtaining proper performance attire and miscellaneous supplies.



BLAZE BAND: A & B

Course Number: 5511/5512

Grade Level: 10

Prerequisite: Freshman Band, or instructor approval

Blaze Band emphasizes good playing techniques and habits while performing a wide variety of challenging repertoire. The Blaze Band studies mature musical concepts and techniques, with the primary focus on furthering quality breathing techniques, musicianship, characteristic tone and ensemble techniques. Attendance at several performances outside of the school day is required. Members will be responsible for obtaining proper performance attire and miscellaneous supplies.



JAZZ ENSEMBLE: A & B

Course Number: 5561/5562

Grade Level: 9, 10, 11, 12

Prerequisite: Audition required. The student must also participate in one of the following: Freshman Band, Blaze Band, Symphonic Band or Wind Ensemble.

Jazz Ensemble has a balanced instrumentation of 18 to 21 members playing saxophone, trumpet, trombone, piano, bass, drums, and guitar, exploring the jazz idiom at an advanced level. You will perform original artistic jazz music in concert and learn the basics of jazz improvisation. You will also interpret and evaluate the music you perform through the study of basic music theory and jazz history.



SYMPHONIC BAND: A & B

Course Number: 5521/5522

Grade Level: 11, 12

Prerequisite: Participation in Blaze Band or Instructor Approval

Symphonic Band continues the concepts studied in Freshman and Blaze Bands while performing a variety of band repertoire exploring many different music styles, historical periods, presentations and ability levels. In addition to furthering technical ability as individual musicians, great emphasis is placed on the development of musical interpretation and advanced playing skills. Attendance at performances outside of the school day is required. Members will be responsible for obtaining proper performance attire and miscellaneous supplies.



WIND ENSEMBLE: A & B

Course Number: 5531/5532

Grade Level: 10, 11, 12

Prerequisite: Audition required

Wind Ensemble is a highly select ensemble whose goal is the study and performance of the finest repertoire available to the band world, performed at the highest level attainable. This ensemble is tailored toward band students with advanced technical ability, musicianship, and a high degree of self-motivation. Attendance at several performances outside of the school day is required of all members. Members are responsible for obtaining proper performance attire and miscellaneous supplies.



CERAMICS I

Course Number: 5120

Grade Level: 9, 10, 11, 12

Prerequisite: None

In this course, you will learn and engage in the process of working with clay to create a variety of handmade projects, including working on the potter's wheel. You will design and create each project using multiple creative approaches as you creatively express your personal voice. You will engage in multiple processes as you learn and develop skills to create well crafted clay objects, joining the long tradition of the craft. All projects will be bisque and glaze fired and taken home. You will also have the opportunity to connect with the service learning project Bowls for BrainPower.



CERAMICS II

Course Number: 5130

Grade Level: 9, 10, 11, 12

Prerequisite: Successful completion of Ceramics I

In this course, you will focus on learning how to create functional pottery on the potter's wheel, as well as improve on the hand building skills developed in Ceramics. You choose from a menu of project choices, engaging in deeper learning and understanding of the processes of working with clay. You will creatively express your personal voice for each project as you continue to explore the dynamics of creating well-crafted clay objects and develop an appreciation for the tradition of the craft. All projects will be bisque and glaze fired and taken home. You will also have the opportunity to connect with the service learning project Bowls for BrainPower.



CERAMICS III

Course Number: 5140

Grade Level: 10, 11, 12

Prerequisite: Successful completion of Ceramics II

You will build upon the learning and understanding of the processes of working with clay developed in earlier ceramics classes, improving your skills and abilities in using hand building or wheel throwing techniques as you express your personal voice in clay projects. You will develop your personal style as you continue to explore the dynamics of creating well-crafted clay objects and develop a deeper appreciation for the tradition of the craft. All projects will be bisque and glaze fired and taken home. You will also have the opportunity to connect with the service learning project Bowls for BrainPower.



CHOIRS

FRESHMAN CHOIR: A & B

Course Number: 5601/5602

Grade Level: 9

Prerequisite: None

Freshman Choir is for all incoming 9th graders who wish to sing at a high school level. As a member of this mixed-voice ensemble, you will perform literature from many music periods and styles. Your participation in Freshman Choir provides opportunity for the development of individual singing skills, musicianship and teamwork through sight-reading, ear training, music theory application, and performance. Attendance at all performances and extra rehearsals is mandatory.



BLAZE CHOIR: A & B

Course Number: 5661/5662

Grade Level: 10, 11, 12

Prerequisite: None

Blaze Choir is an upperclassmen ensemble which gives you the experience of preparing and performing choral music in a variety of styles. There is an emphasis on comprehensive music education that includes musical development for you, as well as establishing a sense of enjoyment and accomplishment of singing and performing as a group. Blaze Choir will perform at all scheduled performances. Attendance at all performances and extra rehearsals is mandatory.



BEL CANTO: A & B

Course Number: 5641/5642

Grade Level: 10, 11, 12

Prerequisite: Audition required

Bel Canto is for female students with an advanced ability in vocal music and a high degree of self-motivation and dedication to achieve the highest performance level possible. This choir performs sacred and secular music from many different cultures, styles, and periods in music history. Attendance at all performances and extra rehearsals is mandatory. This choir may participate in South Suburban Conference events, as well as a choir tour every other year.



CONCERT CHOIR: A & B

Course Number: 5671/5672

Grade Level: 10, 11, 12

Prerequisite: Audition required

Concert Choir is for those of you with an advanced ability in vocal music and a high degree of self-motivation and dedication to achieve the highest performance level possible. This choir performs primarily a cappella sacred and secular literature from many cultures and periods of music history. Attendance at all performances and extra rehearsals is mandatory. This choir may participate in South Suburban Conference events, as well as a choir tour every other year.



FREESTYLE CHOIR: A & B

Course Number: 5631/5632

Grade Level: 10, 11, 12

Prerequisite: Audition required. Student must also participate in one of the following: Concert Choir, Bel Canto or Blaze Choir.

FreeStyle is a small ensemble that explores a wide variety of literature with an emphasis on vocal jazz. You will interpret and evaluate the music performed through the study of music theory, history and improvisation. You must have a high degree of self-motivation and dedication to help achieve the top performance level possible. This choir will perform for school and community events that require an extra amount of after school commitment. Attendance at all performances and extra rehearsals is mandatory. This choir usually tours annually.



CREATIVE PRODUCT DEVELOPMENT

Course Number: 8010

Grade Level: 10, 11, 12

Prerequisite: Design Studio Introduction

The Creative Product Development class will include the study of textiles, clothing care, sewing equipment, pattern selection, clothing construction and needlecraft projects. You will learn more advanced sewing, including pattern alterations and fashion design. You will select projects that match your interests and abilities to create unique products that reflect you. The knowledge and skills you learn will allow you to express yourself through your work and can be used as a hobby, for entrepreneurial opportunities, or as a pathway to a career in design. This class may be taken twice for credit.

CREATIVE WRITING

Course Number: 800

Grade Level: 10, 11, 12

Prerequisite: None

Emphasis in this course will be on writing to develop a clearer and more expressive voice. Experimenting with a variety of written exercises and practice, you will explore the creative process and learn strategies for improving both the content and mechanics of your written expression. Reading works of published writers to examine the craft of writing will be part of our course work, as well as ongoing peer and teacher feedback. You will establish a body of polished work--stories, poems, dialogues, personal narratives and children's literature.

DANCE TECHNIQUE I A & B

Course Number: 5811/5812

Grade Level: 9, 10, 11, 12

Prerequisite: None

This course is designed as an introduction to basic dance technique, composition, dance history, and philosophy. Through dance, you will learn the fundamentals of kinesthetic awareness, spatial awareness, proper body alignment, locomotor and non-locomotor movements, physical and technical exercises, patterns, and combinations that will help you develop your strength, flexibility, coordination, balance, memory, and performance skills. You will learn the history and philosophy of various forms of dance through lectures, discussions, readings, videos, and written work. Performances are a required part of this course.



DANCE TECHNIQUE II A & B

Course Number: 5821/5822

Grade Level: 10, 11, 12

Prerequisite: Dance Technique I, or instructor approval

This course is designed to follow Dance Technique 1 A & B and support you in refining your dance skills. You are expected to have a working knowledge of fundamental concepts and skills involved in basic dance movements. Technique and composition, history and philosophy continue at an intermediate level in this course. Performances are a required part of this course.



Arts, Global Communications, Information Systems Pathways

DESIGN STUDIO INTRODUCTION

Course Number: 8001

Grade Level: 9, 10, 11, 12

Prerequisite: None

This course is designed as an introductory course to help you develop your personal and career interest in the areas of fashion design and housing and interior design. You will explore the elements and principles of good design while exploring the building blocks of design theory to express yourself in fashion and your surroundings. You will apply the elements and principles of design to create portfolios relating to your interests in either a fashion or interior design pathway of study. You will have the opportunity to work on individualized projects allowing you to develop skills in your area of interest.



DIGITAL PHOTOGRAPHY & MANIPULATION

Course Number: 7630

Grade Level: 9, 10, 11, 12

Prerequisite: None

Digital Photography and Manipulation includes the study of cameras (types, accessories and handling), photographic composition, as well as, digital manipulation (image enhancements and repairs through special techniques) with Adobe CS5 or higher, Picasa and Pktnik. You will also study printing and presentation techniques (contact printing, enlarging and displaying) while using PowerPoint and Windows Movie Maker. To complete the required projects, you are encouraged to provide your own cameras. You may be responsible for materials needed for take-home projects above the requirements of the course.



DRAWING & PAINTING I

Course Number: 5021

Grade Level: 9, 10, 11, 12

Prerequisite: None

If you wish to learn and engage in understanding how to communicate thoughts, ideas and concepts visually then this is the course for you. You will create with multiple materials/mediums as you engage in a variety of drawing & painting activities. You will explore and develop ways to clearly communicate your artistic intent and personal voice by completing a series of projects, processes, and experiences designed to improve your art making skills. If you plan to pursue a post-secondary art major or a career in art, you will be able to build your portfolio using projects you create in this course.



DRAWING & PAINTING II

Course Number: 5031

Grade Level: 9, 10, 11, 12

Prerequisite: Drawing & Painting I or Art I or 2-D Foundation

You will build upon the knowledge and skills learned in Drawing & Painting as you further develop your artistic intent and personal voice. You will focus on building skills as you create original works of art with multiple materials/mediums based upon your project choices. Additionally, you will have the opportunity to participate in exhibiting your work. If you plan to pursue a post-secondary art major or a career in art, you will be able to build your portfolio using projects you create in this course.



DRAWING & PAINTING III

Course Number: 5041

Grade Level: 10, 11, 12

Prerequisite: Drawing & Painting II

You will continue to build upon the knowledge and skills learned in earlier visual arts courses as you focus on developing your artistic and personal voice while creating original works of art. You will engage in multiple approaches/processes and work with a variety of materials/mediums based upon your personal interest and choices. Participation in exhibitions, scholarship contests, and creating work to be included in a personal portfolio will be strongly encouraged and supported.



FASHION PRODUCTION & MERCHANDISING

Course Number: 8020

Grade Level: 10, 11, 12

Prerequisite: Design Studio Introduction

The Fashion Production and Merchandising course focuses on you as an individual and how clothes and fashion are an important part of your life, helping you look your best and feel good about yourself. In this course, you will explore the history of fashion, current trends in fashion, apply the elements and principles of design, and use your knowledge and skills to express a personal artistic statement that reflects creative choices. You will be involved in wardrobe planning, fashion sketching and design, and basic sewing applications with the creation of fashion accessories, simple clothing items, clothing refurbishing, and repair. You will present your learned skills and projects in the production of a fashion show. You may be responsible for materials needed for take-home projects that are above the requirements of the course.



GLOBAL ARTS & JEWELRY I

Course Number: 5051

Grade Level: 9, 10, 11, 12

Prerequisite: None

If you enjoy hand-making things or maybe do not feel art is necessarily your thing, but would like an opportunity to be creative then this course is for you. You will engage in creative processes based upon cultural traditions from around the globe and learn a variety of design approaches as you create art/craft and jewelry projects that reflect your personal voice and personal choices. You are able to take all completed projects home.



GLOBAL ARTS & JEWELRY II

Course Number: 5061

Grade Level: 9, 10, 11, 12

Prerequisite: Global Arts & Jewelry I or Arts & Crafts

In this course, you will build on the knowledge and skills learned in Global Arts and Jewelry 1 as you explore global arts and crafts traditions even further. You will engage in creative processes based upon cultural traditions from around the globe and learn a variety of design approaches as you create art/craft and jewelry projects that reflect your personal voice and personal choices. You are able to take all completed projects home.



GUITAR - BEGINNING

Course Number: 5711

Grade Level: 9, 10, 11, 12

Prerequisite: None

This is a course that is designed for guitar beginners. Basic notes, rhythms and theory will be taught to give students the ability to play beginning guitar music. You will play individually and in groups. Repertoire will include classical, folk, jazz and pop music. From the knowledge acquired, you will be able to study any musical instrument and gain the knowledge necessary to form a lifelong enjoyment of music.



HOUSING & INTERIOR DESIGN

Course Number: 8070

Grade Level: 10, 11, 12

Prerequisite: Design Studio Introduction

Housing and Interior Design focuses on individual and family needs in residential housing. Elements and principles of design learned in the Design Studio Introduction course as you explore housing alternatives, architectural and furniture styles, and create interior backgrounds using wall, floor and window treatments. Students will draw floor plans, create room elevations and learn how to implement a design plan. The final project will be to design a future "client's" home using the artistic foundations learned in class in a variety of contexts that fit the unique lifestyle of the homeowner. Articulated college credit may be available through Dakota County Technical College for 11th and 12th grade students who complete this course with a grade of "B" or higher.



GUITAR - INTERMEDIATE

Course Number: 5712

Grade Level: 9, 10, 11, 12

Prerequisite: Beginning Guitar or Instructor Approval

This is a course that is designed to continue coursework taught in beginning guitar. Intermediate notes, rhythms, and theory will be taught to give you the ability to play more difficult guitar music. You will play individually and in groups, and will have the opportunity to move at an individualized pace. Repertoire will include classical, folk, jazz and pop music. From the knowledge acquired in this course, you will be able to further study any musical instrument and gain the knowledge necessary to form a lifelong enjoyment of music.



INTERMEDIATE MEDIA PRODUCTION: A & B

Course Number: 0640/0651

Grade Level: 10, 11, 12

Prerequisite: Introduction to Media Production and Journalism

Intermediate Media Production is designed to give you an advanced knowledge of media production. This course is strongly recommended if you are interested in media and media production as a career. You will be involved in producing a weekly news magazine show called "Blaze Weekly" including writing, shooting, editing, reporting, directing, and anchoring. You will also help produce remote broadcasts of community events for BCTV and segments for Burnsville Education Channel 18.

GUITAR - ADVANCED

Course Number: 5713

Grade Level: 10, 11, 12

Prerequisite: Intermediate Guitar, or Instructor Approval

This course is designed to continue coursework taught in intermediate guitar and will be more performance-based. Advanced notes, rhythms, and theory will be taught to give you the ability to play challenging guitar music. You will play mostly in groups. Repertoire will include classical, folk, jazz and pop music. A small number of performances outside of the school day are possible. From the knowledge acquired, you will be able to further study any musical instrument and gain the knowledge necessary to form a lifelong enjoyment of music.



INTRODUCTION TO MEDIA PRODUCTION

Course Number: 0630

Grade Level: 9, 10, 11, 12

Prerequisite: None

Basic Media Production is designed to provide you with the basic understanding and operation of media production and journalism (broadcast and print). This course is strongly recommended if you are interested in video production, journalism, broadcast journalism, or film as a career choice. You will be using Adobe products (Photoshop, Premiere, etc.) as well as learning journalistic writing skills for print and television. You will also learn the basics of television and web production, including the history and future of media. Additionally, you will learn how to use studio equipment and equipment to produce live remote productions. Students will produce segments for Burnsville cable educational channel 18 (BCTV).



Arts, Global Communications, Information Systems Pathways

INTRODUCTION TO PROGRAMMING

Course Number: 2500
Grade Level: 9, 10, 11, 12
Prerequisite: None

This course is an overview of basic computer programming. You will study the history of computers, including the evolution of both hardware and software, the hardware and operating systems of modern computers, including DOS and Windows. and explore the capabilities of Visual Basic. Specific topics you will learn to use include the Visual Studio design environment, object orientated program (OOP), and basic program structures underneath these objects in Visual Basic such as variables, decision statements (IF...Then), and loops (For...Next).

IT EXPLORATION

Course Number: 2540
Grade Level: 9, 10, 11, 12
Prerequisite: None

This course will provide you with opportunities to learn more about technology education and career opportunities. You will be inspired, guided, and supported to become the next, best Minnesota-grown technologists! You will experience several units of study in this course, including reverse engineering, learning more about hardware, building mobile apps, and being part of the BHS tech team and running the Help Desk.

JOURNALISM & YEARBOOK PRODUCTION: A & B

Course Number: 0620/0621
Grade Level: 9, 10, 11, 12
Prerequisite: None

You will learn skills related to creating, researching, writing, editing, and design of newspapers and other publications including written forms, podcasts, and documentary films in this course. Additionally, you will actively engage in the production of the school yearbook by holding staff positions in a yearbook study. You will research marketing techniques, photo design, photography, and editing through an online design program. Speakers will visit throughout the course to discuss the field of journalism as well as the production of yearbooks.

MOBILE CS PRINCIPLES

Course Number: 2570
Grade Level: 9, 10, 11, 12
Prerequisite: None

This mobile computing course offers you a great opportunity to experience, engage, and broaden your participation in computer science. You will learn about computer science and deepen your understanding of its fundamental concepts through building socially useful mobile apps. In addition to programming and core computer science concepts, the course is project-based and designed to strengthen your skills in the areas of writing, communication, collaboration, and creativity.

MULTIMEDIA ANIMATION

Course Number: 7070
Grade Level: 9, 10, 11, 12
Prerequisite: None

This course is an introduction to the study and creation of multimedia using various software programs. You will learn and apply both the aesthetic and technical aspects of multimedia design and production and be introduced to web and video production using software, including Adobe, Dreamweaver, Flash, Adobe Photoshop and more.



MUSIC THEORY

Course Number: 5500
Grade Level:
Prerequisite: Instructor Approval

If you would like a more in-depth study of music fundamentals, writing, analysis, and listening skills then you should definitely take this academic music course. By the end of this course you will have a deeper understanding of how music is organized and how it applies to you, particularly if you're interested in composition, or plan to study music at the collegiate level. It is very helpful to have some experience with piano, voice, or another instrument, but not required.



ORCHESTRAS

BLAZE ORCHESTRA: A & B

Course Number: 5571/5572
Grade Level: 9, 10, 11, 12

Prerequisite: Students must have previous experience playing the violin, viola, cello, or string bass. Students must be proficient at reading music notation.

Blaze Orchestra reinforces the playing techniques and habits learned in middle school orchestra while performing a wide variety of challenging repertoire. Technical focus will be on sound development, ensemble balance, and blending of sounds. Attendance at a limited number of rehearsals and a variety of performances outside of the school day is required of all members. Members will be responsible for obtaining proper performance attire and miscellaneous supplies.



SYMPHONIC ORCHESTRA: A & B

Course Number: 5541/5542
Grade Level: 9, 10, 11, 12
Prerequisite: Audition required

In Symphonic Orchestra, you will study and perform a variety of musical styles/genres in a small group setting. Symphonic Orchestra is a comprehensive music class that combines advanced playing techniques with critical thinking to improve performance. Attendance at several performances outside of the school day is required. Members will be responsible for obtaining proper performance attire and miscellaneous supplies.



PIANO - BEGINNING

Course Number: 5701

Grade Level: 9, 10, 11, 12

Prerequisite: None

This is a course designed for piano beginners. Basic notes, rhythms and theory will be taught to give you the ability to play beginning piano music. You will play individually and in groups, and will have the opportunity to move at an individualized pace. Repertoire will include classical, folk, jazz, and pop music. From the knowledge acquired, you will be able to further study any musical instrument and gain the knowledge necessary to form a lifelong enjoyment of music.



SENIOR ARTIST: DRAWING & PAINTING

Course Number: 5110

Grade Level: 12

Prerequisite: Drawing & Painting II or Art II

If you are an artist considering an art career and want to further develop your portfolio, then this is a course you need to take. You will have the opportunity to investigate post secondary and career options in the visual arts. You will complete art works and will work with your classmates to organize and present to the public a group exhibition of your artwork. You create a personal learning plan communicating your artistic intent as expressed through projects and processes.



PIANO - INTERMEDIATE

Course Number: 5702

Grade Level: 9, 10, 11, 12

Prerequisite: Beginning Piano or Instructor Approval

This is a course that is designed to continue coursework taught in beginning piano. Intermediate notes, rhythms, and theory will be taught to give you the ability to play more difficult piano music. You will play individually and in groups, and will have the opportunity to move at an individualized pace. Repertoire will include classical, folk, jazz and pop music. From the knowledge acquired in this course, you will be able to further study any musical instrument and gain the knowledge necessary to form a lifelong enjoyment of music.



VISUAL MEDIA & DESIGN I

Course Number: 5091

Grade Level: 9, 10, 11, 12

Prerequisite: None

From apps and logos to posters and t-shirts, this class is all about creative design! You produce your own design portfolio to creatively solve a wide range of design challenges. You will explore the process of creativity from brainstorming ideas to production and presentation. You will learn to recognize how the elements and principles of art are used to create fresh, exciting, and memorable design for the 21st century. Participation in exhibitions, scholarship contests, and creating work to be included in their portfolio will be strongly encouraged and supported.



PIANO - ADVANCED

Course Number: 5703

Grade Level: 9, 10, 11, 12

Prerequisite: Intermediate Piano, or Instructor Approval

This is a course that is designed to continue coursework taught in intermediate piano. Advanced notes, rhythms, and theory will be taught to give students the ability to play challenging piano music. You will play individually and in groups, and will have the opportunity to move at an individualized pace. Repertoire will include classical, folk, jazz and pop music. From the knowledge acquired in this course, you will be able to further study any musical instrument and gain the knowledge necessary to form a lifelong enjoyment of music.



VISUAL MEDIA & DESIGN II

Course Number: 5092

Grade Level: 9, 10, 11, 12

Prerequisite: Visual Media & Design I or Graphic Design or Art Design
Our world is embedded with visual information that comes in many forms including websites, social media, magazine advertisements, and billboards, to name a few.

You will extend your knowledge of digital image processing including manipulation techniques and creation of graphics for real-world applications and develop technical knowledge and creative problem solving skills. Participation in exhibitions, scholarship contests, and creating work to be included in their portfolio will be strongly encouraged and supported.



SENIOR ARTIST: CERAMICS

Course Number: 5150

Grade Level: 12

Prerequisite: Successful completion of Ceramics III

If you are passionate about working with clay and considering pursuing it for further study or a career, then this course is one to take. You will complete art works and will work with your classmates to organize and present to the public a group exhibition of your artwork. You create a personal learning plan communicating your artistic intent as expressed through projects and processes. All projects will be bisque and glaze fired and taken home. You will also have the opportunity to connect with the service learning project Bowls for BrainPower.



WEB DESIGN

Course Number: 7260

Grade Level: 9, 10, 11, 12

Prerequisite: None

This web design course is designed to give you experience working with the elements and principles of design, specifically applying them to creation of web pages. Through working on projects, students have an opportunity to practice art fundamentals while learning technical skills, including Hyper Text Markup Language (HTML) coding, Adobe Dreamweaver web design software, and Adobe Photoshop software applications.





DESIGN, ENGINEERING, MANUFACTURING TECHNOLOGIES

Architecture & Construction

Manufacturing

Engineering, Design & Technology

Engine & Automotive Technology

Icon Key



College Credit
Opportunity



Certification
Opportunity



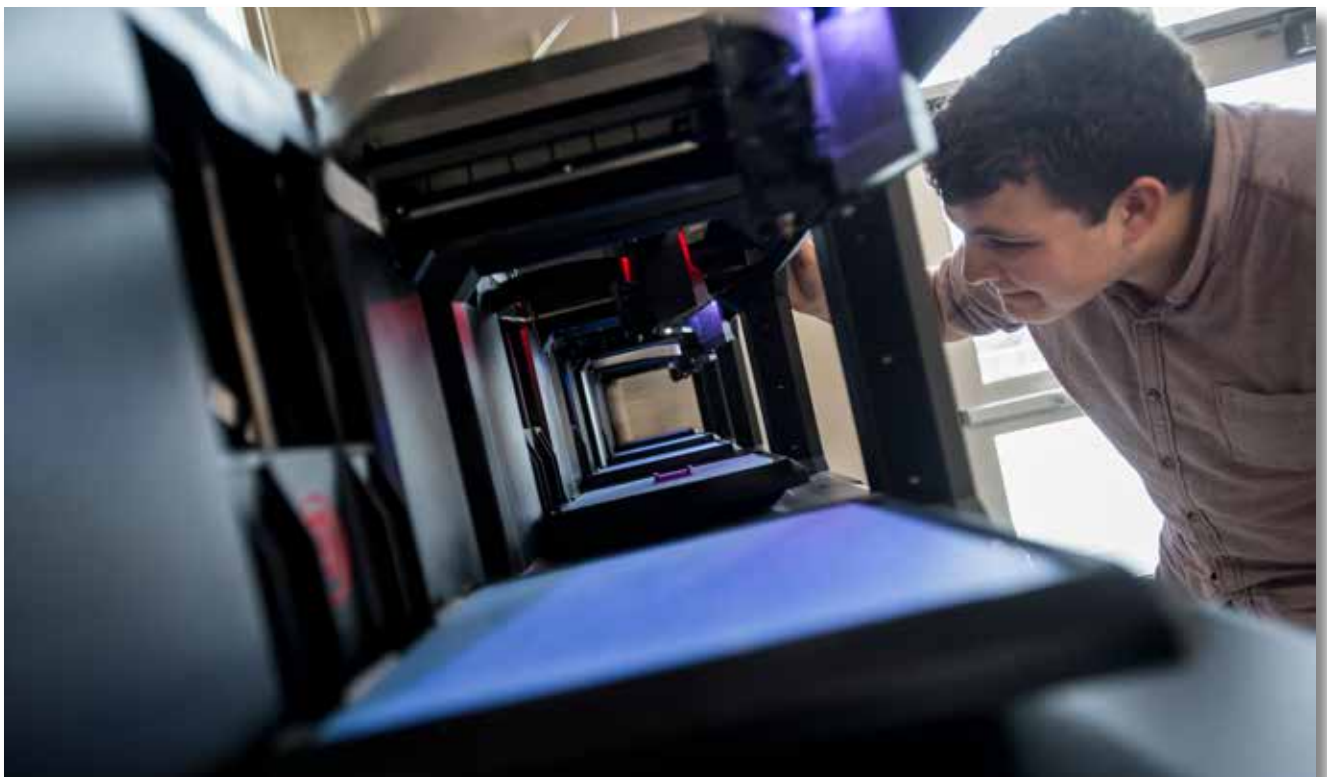
Fine Arts
Credit

Watch for these symbols next to course descriptions throughout the catalog. They indicate that the course offers an opportunity to earn college credit, a professional certification, and/or meets the Burnsville High School Fine Arts requirement.

Design, Engineering & Manufacturing Technologies Pathways

This page will help students find & choose courses that are related to a particular Pathway. Each column in the table represents a specific Pathway. Courses in that column build from introductory courses at the bottom, which might be taken in ninth grade, to more advanced courses at the top.

Grade	Architecture & Construction	Manufacturing	Design, Engineering & Technology	Engine & Automotive Technology
12		<ul style="list-style-type: none"> Advanced Placement Chemistry 		
11, 12	<ul style="list-style-type: none"> Engineering Design & Development 	<ul style="list-style-type: none"> Engineering Design & Development 	<ul style="list-style-type: none"> Engineering Design & Development 	<ul style="list-style-type: none"> Advanced Auto/Vehicle Services
10, 11, 12	<ul style="list-style-type: none"> Construction Trades I Construction Trades II Civil Engineering & Architecture Fab Lab Principals of Engineering 	<ul style="list-style-type: none"> Construction Trades I Construction Trades II Civil Engineering & Architecture Fab Lab Principals of Engineering Create-a-Skate (BAHS) 	<ul style="list-style-type: none"> Civil Engineering & Architecture Fab Lab Principals of Engineering Create-a-Skate (BAHS) 	<ul style="list-style-type: none"> Introduction to Consumer Auto Welding/Autobody Work & Refinishing
9, 10, 11, 12	<ul style="list-style-type: none"> Cabinet Making Introduction to Engineering Design Woodworking 	<ul style="list-style-type: none"> Cabinet Making Introduction to Engineering Design Woodworking 	<ul style="list-style-type: none"> Aerospace Cabinet Making Introduction to Engineering Design Woodworking 	<ul style="list-style-type: none"> Engine Technology



Design, Engineering & Manufacturing Technologies Pathways

ADVANCED AUTO/VEHICLE SERVICES

Course Number: 7758

Grade Level: 11, 12

Prerequisite: Successful completion of Intro to Consumer Auto
The Advanced Auto/Vehicle Services course provides you with a more in-depth study of automobile maintenance and repair. While in the Introduction to Consumer Auto course, you focused on how the car works, in this course the focus is on how to work on the car. You will learn vehicle inspection, maintenance, and repairs and perform everything from basic services to advanced diagnosis and repair. This course meets two periods daily. This course qualifies for two credits as concurrent enrollment at Hennepin Technical College.



ADVANCED PLACEMENT CHEMISTRY

Course Number: 3671/3682

Grade Level: 12

Prerequisite: Completion of Honors Chemistry and instructor approval. Successful completion of Algebra II or Honors Algebra II.
This is a second-year high school chemistry course that provides you with a more in-depth study of chemistry. It is designed to be equivalent to a general, first-year college chemistry course. Topics covered are atomic theory and atomic structure, chemical bonding, nuclear chemistry, states of matter, solutions, reaction types, stoichiometry, equilibrium, kinetics, thermodynamics and descriptive chemistry. There is an emphasis on chemical calculations, the mathematical formulation of principles and high quality laboratory experiences. The AP College Board recommends that students also take a high school physics course and a four-year college preparatory program in mathematics in addition to AP Chemistry. Successful completion of the AP Chemistry examination may result in credit and/or advanced placement in college courses. Note: This course has a summer homework requirement.



CIVIL ENGINEERING AND ARCHITECTURE (CEA, 1 YEAR) A & B

Course Number: 7530/7531

Grade Level: 10, 11, 12

Prerequisite:

This is a Project Lead The Way course. You will learn important aspects of building and site design and development in this course. You will apply math, science, and standard engineering practices to design both residential and commercial projects and document your work using 3-D architecture design software.



AEROSPACE: A & B

Course Number: 7421/7422

Grade Level: 9, 10, 11, 12

Prerequisite: None

Through hands-on engineering projects developed with NASA, students learn about aerodynamics (which includes building and testing airplanes and drones), astronautics, space-life sciences, and systems engineering (which includes the study of intelligent vehicles like the Mars rovers Spirit and Opportunity).

CABINET MAKING

Course Number: 7563

Grade Level: 9, 10, 11, 12

Prerequisite: Successful completion of Woodworking

This course builds on the knowledge and skills learned in Woodworking to provide you with the opportunity to study the cabinetry and finish carpentry trades more in-depth. The course emphasizes precision manufacturing, safety, design, blueprint reading, and quality. You will identify basic tools and equipment used in the cabinetry trade, identify and describe materials used in cabinet making, understand and apply basic techniques, design and build a sample cabinet, and develop an understanding of the applied mathematics involved in cabinetry and finish carpentry. This course qualifies for one credit as concurrent enrollment at Hennepin Technical College.

CONSTRUCTION TRADES I

Course Number: 7808

Grade Level: 10, 11, 12

Prerequisite: None

The Construction Trades Program (CTP) is a hands-on, project-based course where you will have both classroom and lab experiences to learn construction techniques. As part of this course, you will learn about and complete framing, sheathing, siding, roofing, window and door installation, and plumbing and electrical work. You will work together in this course with classmates to build a garden shed. This course meets two periods daily. This course qualifies for two credits as concurrent enrollment at Hennepin County Technical College.



CONSTRUCTION TRADES II

Course Number: 7818

Grade Level: 10, 11, 12

Prerequisite: Successful completion of Construction Trades I

The Construction Trades II course provides you with a more in-depth study of the construction trades that you began to learn in Construction I. In addition, you will learn more basic plumbing and electrical repairs, sheet rock, taping, painting techniques, and finish carpentry. This course meets two periods daily.



CREATE-A-SKATE

Course Number: 7380

Grade Level: 10, 11, 12 BAHS Only

Prerequisite: None

In this course, you create your own personal skateboard deck using an interdisciplinary curriculum. You experience hands-on mathematics, science, history, culture, language skills, as well as, design and engineering principles, in a collaborative learning experience. You will leave the class with a high quality, durable skateboard that is ready to ride.

ENGINE TECHNOLOGY

Course Number: 7700
Grade Level: 9, 10, 11, 12
Prerequisite: None

In this course, you will learn the operating theory of basic 2-and 4-cycle engines, including carbureation, ignition, and compression systems. This course includes both classroom and lab experiences. In the lab, you will disassemble, inspect, and reassemble a 4-stroke engine. You will also gain an understanding of precision measuring, proper hand tool operation, compression ratios, octane ratings, stoichiometric air to fuel ratios, cylinder leakage testing and replacement part manufacturing, using 3D scanners and printers. This course qualifies for one credit as concurrent enrollment at Hennepin Technical College.

ENGINEERING DESIGN - INTRODUCTION (IED, 1 YEAR) A & B

Course Number: 7501/7512
Grade Level: 9, 10, 11, 12
Prerequisite: None

This is a Project Lead The Way course. You will dive deep into the engineering design process, applying math, science, and engineering standards to hands-on projects. You will work both individually and in teams to design solutions to a variety of problems using 3-D modeling software and an engineering notebook to document your work.



ENGINEERING DESIGN AND DEVELOPMENT A & B (CAPSTONE COURSE, EDD, 1 YEAR)

Course Number: 7551/7552
Grade Level: 11, 12

Prerequisite: Successful completion of at least two other PLTW courses prior to enrollment.

This is a Project Lead The Way course. Companies are continually thinking of ways to improve products. Project Lead the Way - Engineering Design and Development (PLTW-EDD) is the course that allows you to design a solution to a technical problem. This course is an engineering course in which you will work in teams to research, design, and construct a solution to an open-ended engineering problem. Engineering Design and Development serves as the capstone course within the Project Lead The Way course sequence and allows you to apply all the skills and knowledge learned in previous Project Lead The Way courses that you have taken during your high school career. Inventor, which is a state-of-the-art 3-D design software package from AutoDesk, will help you design solutions to the problem.



MANUFACTURING DESIGN & FABRICATION I (FAB LAB)

Course Number: 7580
Grade Level: 9, 10, 11, 12
Prerequisite: None

Do you want to use state-of-the-art equipment to design, build and test almost anything? Would you like to develop the technological, problem-solving and hands-on skills desired by employers? If your answer is yes, then this course is for you. In Fab Lab, computer-controlled fabrication technologies such as 3D printers and scanners, laser engravers, CNC routers, vinyl cutters and milling machines will be used to transform a product idea into its tangible form. As part of this course experience, you will explore many interrelated career fields, such as engineering, science, mathematics, art and graphic design.

INTRODUCTION TO CONSUMER AUTO

Course Number: 7750
Grade Level: 10, 11, 12
Prerequisite: None

The Consumer Auto course begins with an overview of consumer knowledge related to vehicles, including buying, leasing, insuring, and maintaining a vehicle. You will then disassemble an automobile and study its components and systems. While you will learn basic maintenance and repairs, emphasis in the course is placed on how the automobile and its systems function. After taking this course, you may choose to continue in the Automotive Vehicle Services course where you will build on your knowledge and skills learning how to complete more complex repairs.

PRINCIPLES OF ENGINEERING (POE, 1 YEAR) A & B

Course Number: 7510/7520
Grade Level: 10, 11, 12
Prerequisite: None

This is a Project Lead The Way course. Through problems that engage and challenge, you will explore a broad range of engineering topics, including mechanisms, the strength of structures and materials, and automation as part of this course. You will also develop skills and strategies in problem solving, research, design process documentation, collaboration, and presentation.



WELDING/AUTO-BODYWORK AND REFINISHING

Course Number: 7748
Grade Level: 10, 11, 12
Prerequisite: None

The Welding/Auto-body course provides you experience with oxyacetylene, arc, MIG and TIG welding equipment and techniques, including auto-body repair. You may design and fabricate projects of your choosing. In the auto-body and refinishing portion of the course, you will learn skills to inspect car bodies and panels and the proper technique for correcting damage due to collision and rust. You will have the opportunity to work on personal projects with instructor approval. You may be responsible for materials needed for take-home projects above the requirements of the course.

WOODWORKING

Course Number: 7560
Grade Level: 9, 10, 11, 12
Prerequisite: None

This course is an overview of basic woodworking knowledge, skills, and techniques. You will learn skills to help you understand technical reading and writing, and use hand tools, power tools, and woodworking machines. You will learn multiple cutting and joinery processes and finishing techniques using various species of wood. You will have the opportunity to demonstrate your knowledge and skills through the research, development, and production of products throughout the course. This course qualifies for one credit as concurrent enrollment at Hennepin Technical College.



BUSINESS, MANAGEMENT & ENTREPRENEURSHIP

Marketing

Business, Management & Administration

Finance

Hospitality & Tourism

Icon Key



College Credit
Opportunity



Certification
Opportunity



Fine Arts
Credit

Watch for these symbols next to course descriptions throughout the catalog. They indicate that the course offers an opportunity to earn college credit, a professional certification, and/or meets the Burnsville High School Fine Arts requirement.

Business, Management & Entrepreneurship Pathways

This page will help students find & choose courses that are related to a particular Pathway. Each column in the table represents a specific Pathway. Courses in that column build from introductory courses at the bottom, which might be taken in ninth grade, to more advanced courses at the top.

Grade	Marketing	Business, Management & Administration	Finance	Hospitality & Tourism
12		<ul style="list-style-type: none"> CIS/AP Macroeconomics 	<ul style="list-style-type: none"> CIS/AP Macroeconomics 	<ul style="list-style-type: none"> Advanced Chef & Hospitality
11, 12	<ul style="list-style-type: none"> DECA Seminar 			<ul style="list-style-type: none"> Chef II DECA Seminar
10, 11, 12	<ul style="list-style-type: none"> Advertising Campaign Event Management Professional Sales & Marketing Sports & Entertainment Marketing Starting Your Own Business 	<ul style="list-style-type: none"> Accounting Advertising Campaign College Accounting Event Management Professional Sales & Marketing Sports & Entertainment Marketing Starting Your Own Business 	<ul style="list-style-type: none"> Accounting Advertising Campaign College Accounting Event Management Personal Money Management Starting Your Own Business 	<ul style="list-style-type: none"> Advertising Campaign Event Management Starting Your Own Business
9, 10, 11, 12	<ul style="list-style-type: none"> Introduction to Business & Marketing 	<ul style="list-style-type: none"> Introduction to Business & Marketing 	<ul style="list-style-type: none"> Introduction to Business & Marketing 	<ul style="list-style-type: none"> Chef I Cooking in Motion Foundations of Food Global Foods Introduction to Business & Marketing



ACCOUNTING

Course Number: 7200
Grade Level: 10, 11, 12
Prerequisite: None

In this introductory course in accounting, you will study and apply the accounting cycle (debits and credits), journalizing, posting, trial balance, financial statements, and adjusting and closing the ledger for both a service-type business and a merchandising business. You will be introduced to computerized accounting.

ADVERTISING CAMPAIGN

Course Number: 7191
Grade Level: 10, 11, 12

Prerequisite: Introduction to Business and Marketing

All careers require marketing skills, which give an individual an advantage in today's competitive workforce. In this course, you will learn and apply basic marketing concepts and fundamentals using the marketing mix or "4 P's" of marketing. You will create written projects and presentations to display your marketing knowledge, both individually and in teams. For example, you will be creating advertising campaigns, sales demonstrations, and more. You are encouraged to participate in DECA, an internationally recognized organization, to enhance course content.

CHEF I

Course Number: 8030
Grade Level: 9, 10, 11, 12

Prerequisite: Successful completion of Foundations of Food

The Chef I course prepares you for careers in the restaurant and beverage area of the hospitality industry. The course uses classroom food preparation laboratory experiences to provide you the foundation needed to prepare for employment in the restaurant industry. You will prepare meats, sauces, salads, sandwiches, pasta, bread, garde manger, baking and pastry items. Units include ensuring food safety and sanitation, kitchen tools and equipment, culinary math, recipe structure, menu planning, cooking methods, customer service, and restaurant-related career paths. The capstone project includes the planning, preparation and menu design of a five-course meal. ServSafe curriculum is introduced. The preparation, sampling and tasting of food is an important aspect of this course. This course is a prerequisite for Chef II. Articulated college credit may be available through Hennepin Technical College for 11th and 12th grade students who complete this course with a grade of B or higher.

CHEF II: FOUNDATIONS OF CULINARY ARTS AND HOSPITALITY MANAGEMENT 1 A & B

Course Number: 8090/8091
Grade Level: 11, 12

Prerequisite: Successful completion of Chef I (or Instructor Approval)
Chef II prepares students for careers in food service and the hospitality industry, Minnesota's second-largest employer. Aspiring chefs, restaurateurs, and hospitality managers, will master several cooking techniques through working in an industrial kitchen while focusing on menu planning, cost control, safety, and sanitation. Topics will include stocks, sauces, soups, fruits, vegetables, and grains.

This is a hybrid course and meets online for some class periods; students must be self motivated and dedicated to learning about all aspects of a career in the hospitality industry. Additionally, this course meets during seventh hour and beyond the regular school day during an extended afternoon lab period (two days each week). Transportation via the daily activity bus is available. Students will be required to participate in three additional events during each semester.

ADVANCED CHEF AND HOSPITALITY MANAGEMENT 1 A & B

Course Number: 8093/8094
Grade Level: 12

Prerequisite: Successful completion of Chef II (or Instructor Approval)
Advanced Chef and Hospitality Management prepares students for careers in food service and the hospitality industry, Minnesota's second-largest employer. Aspiring chefs, restaurateurs, and hospitality managers will master several cooking techniques through working in an industrial kitchen while focusing on career planning, event management, menu planning, cost control, safety, and sanitation. Cooking topics will focus on advanced baking techniques and international cuisines. This is a hybrid course and meets online for some class periods; students must be self motivated and dedicated to learning about all aspects of a career in the hospitality industry. Additionally, this course meets during seventh hour and beyond the regular school day during an extended afternoon lab period (two days each week). Transportation via the daily activity bus is available. Students will be required to participate in three additional events during each semester.



CIS/ADVANCED PLACEMENT MACROECONOMICS

Course Number: 1594

Grade Level: 12

Prerequisite: Successful completion of CIS/AP Microeconomics
CIS/AP Macroeconomics is designed to give students an understanding of unemployment/ inflation, measures of national income, macro models, fiscal policy/problems. Poverty and income distribution. International trade and exchange rates. Economic growth/development. Successful completion of CIS/Advanced Placement Principles of Economics A & B or the Advanced Placement Examination may lead to college and/or advanced placement at the college level. The grading for this course is in accordance with the University of Minnesota for college-level coursework.



COLLEGE ACCOUNTING

Course Number: 7210

Grade Level: 10, 11, 12

Prerequisite: Successful completion of Accounting
This advanced course in accounting focuses on the financial accounting concepts from a user perspective. You will focus on the application of these concepts in a real-world environment, using financial statements analysis and annual reports, to reveal information about the creditworthiness and financial performance of companies organized as corporations. You will study and apply basic accounting procedures, analyze business transactions, record transactions in journals, handle cash and banking procedures, prepare financial statements, prepare adjusting and closing entries, and complete an accounting cycle for a proprietorship and/or corporation. Concurrent credit can be earned with Normandale Community College.



COOKING IN MOTION

Course Number: 8040

Grade Level: 9, 10, 11, 12

Prerequisite: None

Is eating healthy important to you? This fun course helps you develop wholesome nutrition practices while preparing easy and fresh foods that improve physical and mental wellness. Cooking in Motion explores today's food and eating trends, studies the relationship of food to health, and helps you eat to maximize your potential. Units include eating healthy meals and snacks without sacrificing flavor, specialty diets, sources of nutrients, and careers in nutrition and wellness. Possible labs include: smoothies, protein-rich foods, recipe makeovers, food as fuel, and a chili contest. The preparation, sampling and tasting of foods is an important part of this class.

DECA SEMINAR A & B

Course Number: 7163/7164

Grade Level: 11, 12

Prerequisite: Successful completion of Professional Sales & Marketing OR Event Management OR Advertising Campaign

This course is designed for DECA Chapter members to develop a better understanding of community involvement. You will work on a community service project to demonstrate your understanding of the role of community service within your community, planning and implementing of a project to benefit a community service or charity, and evaluating a project's effectiveness in meeting its stated goals. You will design and organize the project with the DECA chapter assisting with implementation. You are encouraged to participate in DECA, an internationally recognized organization, as a way to enrich course content and experiences.

EVENT MANAGEMENT

Course Number: 7183

Grade Level: 10, 11, 12

Prerequisite: Successful completion of Introduction to Business & Marketing

The hospitality and tourism industry will be the focus of this course. You will primarily be studying hotel and restaurant management, key hospitality issues, the development and management of tourist locations, event planning, and marketing and environmental issues related to leisure. You will work on a large project throughout the course with opportunities to develop your presentation skills. You are encouraged to participate in DECA, an internationally recognized organization, to enhance course content.

FOUNDATIONS OF FOOD

Course Number: 8041

Grade Level: 9, 10, 11, 12

Prerequisite: None

Foundations of Food is the first in a sequence of courses that provide you a foundation for continuing in all career areas related to food, hospitality, nutrition, and wellness. Foundations of Food is recommended if you have an interest in building your culinary and hospitality knowledge and skills. You will examine your own career goals while experiencing culinary industry practices and building basic skills. Food preparation experiences include a Chopped competition, cupcake contest, basic meal preparation, plating, garnishing, measuring, and cooking methods. This course meets the prerequisite for Chef I and Taste of Culture courses. The preparation, sampling, and tasting of food is an important aspect of this course.

GLOBAL FOODS

Course Number: 8080

Grade Level: 9, 10, 11, 12

Prerequisite: None

Discover the world through food. Explore how recipes and their ingredients link cultures. Global Foods takes you on a journey focused on food customs, habits, and preparation of regional and global food. Students will be preparing food in class. The preparation, sampling, and tasting food is an important aspect of this course.



INTRODUCTION TO BUSINESS AND MARKETING

Course Number: 7151

Grade Level: 9, 10, 11, 12

Prerequisite: None

In this introductory course, you will examine the foundations and functions of business, including marketing, finance, hospitality, and management. You will learn how to successfully market both yourself and the companies you will one day own or work for. This course will provide you the foundation of knowledge and skills necessary for other business courses you may take in high school and college. You are encouraged to participate in DECA, an internationally recognized organization, as a way to enrich course content and experiences.



PERSONAL MONEY MANAGEMENT

Course Number: 7130

Grade Level: 10, 11, 12

Prerequisite: None

The management of your personal finances is an important skill as you become independent. This course is designed to provide you with knowledge and skills in the areas of budgeting, banking, buying/renting property, preparing personal income-tax forms, investing, and more. The skills learned in this course, including the use of computer software, will have life-long benefits for you personally, and may interest you to explore a career in finance.

PROFESSIONAL SALES & MARKETING

Course Number: 7171

Grade Level: 10, 11, 12

Prerequisite: Successful completion of Introduction to Business & Marketing

This course builds on the Introduction to Business and Marketing course to provide you with the opportunity to develop skills and competencies needed for careers in marketing and sales, merchandising, hospitality, and management. You will learn and apply marketing research methodology and gain a deeper understanding of marketing principles in a real world context by working with a team to develop a large project and presentation. This course is for you, whether you plan on continuing your education in business at the college level or enter the job market upon completion of high school. You are encouraged to participate in DECA, an internationally recognized organization, as a way to enrich course content and experiences.



SPORTS & ENTERTAINMENT MARKETING

Course Number: 7160

Grade Level: 10, 11, 12

Prerequisite: None

This course is designed to introduce you to the fundamentals of marketing through the sports and entertainment industries. You will learn these fundamentals through understanding and using current marketing strategies, listening to speakers currently working in the industry, and completing projects, both individually and with teams. You will be exposed to many careers within the sports and entertainment industry in this fun and fast-paced class and learn strategies to help obtain your dream job. You are encouraged to participate in DECA, an internationally recognized organization, as a way to enrich course content and experiences.



STARTING YOUR OWN BUSINESS

Course Number: 7180

Grade Level: 10, 11, 12

Prerequisite: None

This course will allow you to think like an entrepreneur and be involved in the fastest growing segment of the job market today, running your own business. You will be introduced to important elements and steps involved in starting a small business and have the opportunity to form your own company and run your own small business. Throughout the course, you will be learning through speakers, individual and group projects, multimedia, simulation software and conducting your own research.





HEALTH SCIENCES & HUMAN SERVICES

Health Sciences

Education

Government & Community Services

Icon Key



College Credit
Opportunity



Certification
Opportunity



Fine Arts
Credit

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Health Sciences & Human Services Pathways

This page will help students find & choose courses that are related to a particular Pathway. Each column in the table represents a specific Pathway. Courses in that column build from introductory courses at the bottom, which might be taken in ninth grade, to more advanced courses at the top.

Grade	Health Sciences	Education	Government & Community Services
12	<ul style="list-style-type: none"> Current Health Issues & Careers (BAHS Only) 		<ul style="list-style-type: none"> CIS/AP Macroeconomics
11, 12	<ul style="list-style-type: none"> Athletic Training & Physical Therapy First Aid & CPR/AED Healthcare Core Curriculum Human Anatomy & Physiology Introduction to Sociology Nursing Assistant/Home Health Aide Psychology Social & Family Relations 	<ul style="list-style-type: none"> Introduction to Sociology Psychology Social & Family Relations TASK Teaching to Achieve Success for Kids 	<ul style="list-style-type: none"> Social & Family Relations Public Affairs
10, 11, 12	<ul style="list-style-type: none"> Strength & Conditioning II Yoga, Pilates & Fitness II Yoga, Pilates & Fitness I 	<ul style="list-style-type: none"> Preschool Lab Experience 	<ul style="list-style-type: none"> Forensic Science & Criminal Justice (BAHS Only)
9, 10, 11, 12	<ul style="list-style-type: none"> Child Psychology & Development II Child Psychology & Development I Strength & Conditioning I 	<ul style="list-style-type: none"> Child Psychology & Development II Child Psychology & Development I 	<ul style="list-style-type: none"> Child Psychology & Development II Child Psychology & Development I

ATHLETIC TRAINING & PHYSICAL THERAPY

Course Number: 4720

Grade Level: 11, 12

Prerequisite: Health and ITF

Athletic training is a course that will help you learn how to prevent, assess, treat and rehabilitate a variety of athletic injuries. You will learn about anatomy, medical terminology, major injuries and how to care for each one. This is a great course if you are interested in athletic training, physical therapy, occupational therapy, personal training, nursing, and other careers in the medical field.

#FutureReady

New courses are added every year to give BHS students new options and help them become #FutureReady. Here's a look at what we're working on for 2018-19.

Criminal Justice, Law Enforcement and Corrections

Combining aspects of sociology, psychology, law, political science and more, Criminal Justice is the study of crime, the legal system and how each relates to society as a whole.

Emergency Medical Services

Emergency Medical Services (EMS), also known as ambulance services or paramedic services, are a type of emergency service dedicated to providing out-of-hospital acute medical care, transport to definitive care, and other medical transport to patients.

CHILD PSYCHOLOGY AND DEVELOPMENT I

Course Number: 8051

Grade Level: 9, 10, 11, 12

Prerequisite: None

This course will provide students with an introductory overview of children from birth to age three, the roles of caregivers, and provide a background in child psychology. Units will include building strong families, pregnancy, childbirth, communication, discipline, and self esteem through ages and stages of child development. Each area of study will have an emphasis on understanding self and children. Child Psychology I will have an emphasis on understanding self, children, what effective parenting involves and the level of responsibility required. This course includes caring for a flour baby. This course is a prerequisite for Preschool Lab Experience.

CHILD PSYCHOLOGY AND DEVELOPMENT II

Course Number: 8052

Grade Level: 9, 10, 11, 12

Prerequisite: Child Psychology and Development I

If you want to work in a career related to children, such as teaching, social service, medicine, or child care-related jobs, this course will help prepare you for your future studies. The course will include the study of children from birth to age five, with an emphasis on social, emotional, physical, intellectual and moral development using the works of prominent theorists. Class discussion will look at both biological and environmental factors that affect development and understanding how children mature. Students will apply child development theories to real-world situations using case studies and observations. This

course includes caring for a computerized infant for one weekend. Articulated college credit may be available through Inver Hills community College for 11th and 12th grade students who complete this course with a grade of B or higher.

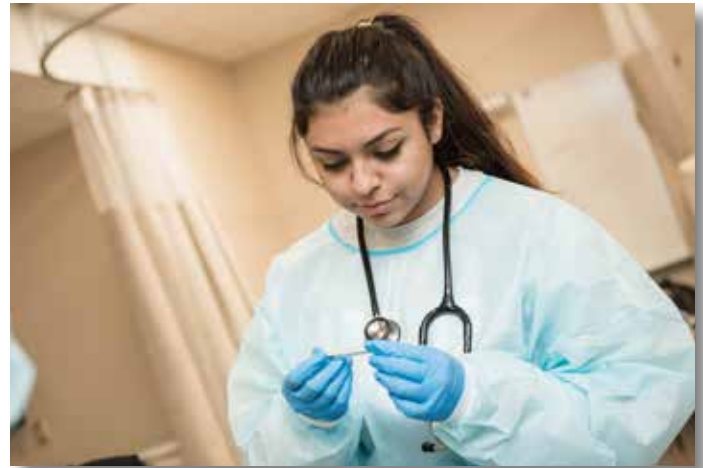
CIS/AP MACROECONOMICS

Course Number: 1594

Grade Level: 12

Prerequisite: CIS/AP Microeconomics

CIS/AP Macroeconomics is designed to give students an understanding of unemployment/ inflation, measures of national income, macro models, fiscal policy/problems. Poverty and income distribution. International trade and exchange rates. Economic growth/development. Successful completion of CIS/Advanced Placement Principles of Economics A & B or the Advanced Placement Examination may lead to college and/or advanced placement at the college level. The grading for this course is in accordance with the University of Minnesota for college-level coursework.



CURRENT HEALTH ISSUES AND CAREERS

Course Number: 4001

Grade Level: 12 BAHS Only

Prerequisite: This course is offered for students enrolled at BAHS. Issues that are crucial to students' personal lives are examined with an emphasis on the relationship between lifestyle and health. The course enables students to deal more effectively with the health problems faced during the college experience, and subsequently throughout life. These issues may include stress, sexuality, nutrition, mental health and illness, aging, chronic and communicable disease, drug and alcohol use, and dealing with death, and other selected topics.

FIRST AID AND CPR/AED

Course Number: 4710

Grade Level: 11, 12

Prerequisite: Successful completion of Health

This course will provide you with practical training in all aspects of first aid and CPR, leading to American Red Cross certification in both areas. You have the ability to receive certification in First Aid, CPR, and AED for adults, children and infants. A small fee is required for American Red Cross certification. Certification is not required.



FORENSIC SCIENCE & CRIMINAL JUSTICE

Course Number: 1680

Grade Level: 10, 11, 12 BAHS Only

Prerequisite: None

This class is the application of science to those criminal and civil laws that are enforced by police agencies in a criminal justice system focusing on laws that are practical and relevant to student lives. The main focus of this course is to emphasize the evidential value of crime scenes and related evidence and the services involved. You will explore the roles of different types of professionals involved in forensics and criminal justice.

HEALTHCARE CORE CURRICULUM

Course Number: 8140

Grade Level: 11, 12

Prerequisite: None

The Healthcare Core Curriculum (HCCC) course is just for you if you are interested in the healthcare field or pursuing a healthcare career. The core course provides you with an overall introduction to healthcare and is the foundation for all other healthcare related courses. Specific topics you will study include behaviors of success in healthcare settings, communication in healthcare settings, awareness and sensitivity to client needs, respecting client and staff diversity, healthcare safety and standard precautions, and legal issues in healthcare and healthcare ethics.



HUMAN ANATOMY AND PHYSIOLOGY

Course Number: 3510

Grade Level: 11, 12

Prerequisite: Successful completion of Biology or Honors Biology. Human Anatomy and Physiology is the study of the organization, structure, function, and interrelationships of the major systems of the body and their responses to the environment. This course is highly recommended if you are interested in a health or science career. Participation in hands-on dissection is required.

INTRODUCTION TO SOCIOLOGY

Course Number: 1630

Grade Level: 11, 12

Prerequisite: None

Sociology provides a unique way to look at human behavior and the world; it is the study of human relationships in society. You will study topics including groups and organizations, culture, conformity, deviance and crime, gender, race, ethnicity and discrimination, and social change.

NURSING ASSISTANT/HOME HEALTH AIDE

Course Number: 8150

Grade Level: 11, 12

Prerequisite:

This course provides you an introduction to basic nursing care skills and concepts necessary to take the examination for Nursing Assistant and Home Health Aide with the State of Minnesota. This can lead to the opportunity to be employed in a healthcare facility or client's home, under the direct supervision of a licensed nurse. As part of this course, you will complete a 24 hour clinical rotation at a long term care facility. This clinical experience may take place outside of the school day/year.

PRESCHOOL LAB EXPERIENCE

Course Number: 8068

Grade Level: 10, 11, 12

Prerequisite: Child Psychology and Development I

Preschool Lab Experience applies child psychology principles in a simulated nursery school setting. Students work in teams and are responsible for teaching preschool age children. During the semester students will develop skills in lesson planning, teaching, jobbing, and observing on a rotating basis by setting up and operating a preschool for local area children ages 3 to 5. Through teaching, students will acquire an appreciation and understanding of the developmental stages that young children go through. During the teaching rotations students will gain experiences in laboratory set-up of learning centers and develop age appropriate, content specific, curriculum in art, music, stories, math, and science. This course will give students hands-on experience for careers that benefit from child development knowledge such as teaching, psychology, medicine, social services and parenting/caregivers. Articulated college credit may be available through Hennepin Technical College for 11th and 12th grade students who complete this course with a grade of "B" or higher. This is a two-credit course that meets two periods daily.

PSYCHOLOGY

Course Number: 1620

Grade Level: 11, 12

Prerequisite: None

Psychology is an introduction to the basic principles of biology and environmental processes that underlie and facilitate human behavior. You will study topics including research methods and the brain, altered states of consciousness, development psychology, learning and memory, abnormal psychology and social psychology.

PUBLIC AFFAIRS

Course Number: 1610

Grade Level: 11, 12

Prerequisite: None

This course will give you the opportunity to work with your local, county, and state community on an actual public concern. Through an examination of the impact of active citizens solving community problems, you will recognize the contributions you can make to your community. You are required to complete a project during the course.

STRENGTH AND CONDITIONING I

Course Number: 4500

Grade Level: 10, 11, 12

Prerequisite: Successful completion of ITF

Strength and Conditioning includes designing and implementing of a fitness plan that considers muscular strength, muscle endurance, cardio-respiratory endurance, flexibility and body composition. You will learn the proper form and techniques for a variety of weight training lifts with the core lifts being the bench press, squat and Olympic clean. This is a very high level activity class.

STRENGTH AND CONDITIONING II

Course Number: 4510

Grade Level: 10, 11, 12

Prerequisite: Strength and Conditioning I

Strength and Conditioning II includes a more advance design and implementation of the students own individual fitness plan. You will continue to master the proper form and techniques for a variety of weight training lifts with the core lifts being the bench press, squat and Olympic clean. This is a high intensity class.

SOCIAL AND FAMILY RELATIONS

Course Number: 8100

Grade Level: 11, 12

Prerequisite: None

Social & Family Relations is especially relevant if you are interested in careers that involve interacting with people. Communication styles, problem-solving, teaming, creative thinking and self-discipline are studied. Personal growth, self-understanding, listening skills, decision making, understanding others, customer service skills and developing positive relationships with family, friends, and the community are part of the curriculum. This course pertains to all career areas that involve interacting with people inside and outside of business organizations. These careers could include business administrators, business managers, teachers, family and marriage counselors, physicians, customer relations specialists, nursing, psychologists, and human relations.

T.A.S.K TEACHING TO ACHIEVE SUCCESS FOR KIDS A & B

Course Number: 8301/8302

Grade Level: 11, 12

Do you enjoy helping elementary students? T.A.S.K. (Teaching to Achieve Success for Kids) is a full-year service learning course that trains students to teach age-appropriate lessons to District 191 elementary students. You will assist in a mentor teacher's classroom of your choice. Students prepare for a career in education or related fields by choosing and delivering curriculum and instruction to other students' developmental needs in a safe and collaborative environment. Teamwork, small group communication skills and preparing for peer-leadership roles at BHS are emphasized. Students provide their own transportation to the elementary schools. This class may be taken twice for credit.

YOGA, PILATES AND FITNESS I

Course Number: 4340

Grade Level: 10, 11, 12

Prerequisite: Successful completion of ITF

This course is designed to enhance your level of fitness through participating in a variety of workouts selected from Yoga, Pilates and other fitness activities. The course strives to improve your core and overall body strength as well as your cardiovascular fitness level. This is a high intensity class.

YOGA, PILATES AND FITNESS II

Course Number: 4352

Grade Level: 10, 11, 12

Prerequisite: Successful completion of Yoga, Pilates and Fitness I

This advanced course of Yoga, Pilates, and Fitness is designed to continue to build upon your fitness level from the first course and raise it to an even higher level. This advanced course will be used to further develop and enhance your core and overall body strength as well as your cardiovascular fitness. This is a high intensity class.



COLLEGE & CAREER CORE

Language Arts

Mathematics

Physical Education/Health

Science

Social Studies

Icon Key



College Credit
Opportunity



Certification
Opportunity



Fine Arts
Credit

Watch for these symbols next to course descriptions throughout the catalog. They indicate that the course offers an opportunity to earn college credit, a professional certification, and/or meets the Burnsville High School Fine Arts requirement.

LANGUAGE ARTS

CIS/AMERICAN LITERATURE - INTRODUCTION TO LITERATURE: POETRY, DRAMA, NARRATIVE

Course Number: 0880

Grade Level: 11 & 12

Prerequisite: Student must be a senior and in the top 20% of their class, or have instructor approval.

English 1001 W is a University of Minnesota course and is offered for high school students who have demonstrated exceptional abilities in reading and writing. You will read eight to ten stimulating books of World Fiction, ranging from the traditional to the unconventional by authors such as Toni Morrison, Ernest Hemingway, and Tim O'Brien. You are expected to be able to discuss the text, allude to its passages, compare it to other things, identify issues and ideas, internalize it, and more. Grades are based on a reading notebook, in-class discussions, and two required essays, and a mid-term and final. The grading for this course is in accordance with the University of Minnesota for college-level coursework. Note: Students taking this course will receive credit for the required American Literature course.



CIS/UNIVERSITY WRITING AND CRITICAL READING

Course Number: 0840

Grade Level: 12

Prerequisite: Student must be a senior and in the top 20% of their class, or have instructor approval.

This course emphasizes the development of skills necessary for a college level writing and critical reading. By developing strategies for the process of writing, this course provides you a variety of approaches that can be extended and adapted to other academic situations that require writing, reading, and analytic skills. You will be simultaneously working on multiple assignments in this writing workshop based class. The grading for this course is in accordance with the University of Minnesota for college level coursework. Note: Students taking this course will receive credit for the required Media Literacy and Research course. This course has a summer reading and writing requirement.



ENGLISH 9: A & B

Course Number: 0911/0912

Grade Level: 9

Prerequisite: None

This is a year-long course designed to focus on the reading, writing, critical thinking, and communication skills needed for your success both in high school and life after graduation. You will read and study a variety of literature and texts that provide you with opportunities to learn reading comprehension strategies and literary elements.

HONORS ENGLISH 9

Course Number: 0921/0922

Grade Level: 9

Prerequisite: None

If you are able to meet multiple demands at the same time and be engaged in reading texts consistently throughout the semester, this honors course is recommended for you in place of the regular English 9 course. Individuals most successful in an honors course have met or exceeded proficiency on the reading MCA and are able to handle an accelerated pace of instruction and analyze a wide variety of challenging literature and text through insightful writing and discussion.

LANGUAGE ARTS SKILLS 9: A & B

Course Number: 8529/8530

Grade Level: 9

Prerequisite: Instructor Approval

This is a comprehensive course focused on Minnesota State Language Arts Standards for students who need individualized instruction. This class will provide direct instruction in the areas of reading and writing by special education instructors. This class is specifically designed to support and re-teach skills taught in English 9. Students enrolled in this course are also enrolled in the general education English 9 course and have reading and/or writing IEP goals. You will focus on reading comprehension, writing, critical thinking, analysis of non-fiction sources, grammar, vocabulary development, and communication skills.

ENGLISH 10: A & B

Course Number: 0421/0432

Grade Level: 10

Prerequisite: None

This is a year-long course designed to focus on the reading, writing, critical thinking, and communication skills needed for your success both in high school and life after graduation. You will read and study a variety of literature and texts that provide you with opportunities to learn reading comprehension strategies and literary elements. Grammar, vocabulary lessons and assignments will accompany major writing and speech projects.

HONORS ENGLISH 10: A & B

Course Number: 0441/0452

Grade Level: 10

Prerequisite: None

If you are able to meet multiple demands at the same time and be engaged in reading texts consistently throughout the semester this honors course is recommended for you in place of the regular English 10 course. Individuals most successful in an honors course have met or exceeded proficiency on the reading MCA and are able to handle an accelerated pace of instruction and analyze a wide variety of challenging literature and text through insightful writing and discussion. Note: This course has a summer reading and writing requirement.

LANGUAGE ARTS SKILLS 10: A & B

Course Number: 8531/8532

Grade Level: 10

Prerequisite: Instructor Approval

This is a comprehensive course focused on Minnesota State Language Arts Standards for students who need individualized instruction. This class will provide direct instruction in the areas of reading and writing by special education instructors. This class is specifically designed to support and re-teach skills taught in English 10. Students enrolled in this course are also enrolled in the general education English 10 course and have reading and/or writing IEP goals. You will focus on reading comprehension, writing, critical thinking, grammar, vocabulary development, literature exploration, and communication skills.

ENGLISH 11: A & B**Course Number:** 0521/0532**Grade Level:** 11**Prerequisite:** None

This course will have you exploring world and British literature through a study of reading, writing, listening, and speaking. You will examine world cultures through representative literary works. Major narrative patterns will include romance/adventure/heroic quest, tragedy, satire and irony, and comedy. Reading selections include drama, poetry, novels, short stories, and nonfiction. You will be required to read and write outside of class and complete writing assignments related to literature in the course, including required multi-paragraph papers.

LANGUAGE ARTS SKILLS 11: A & B**Course Number:** 8533/8534**Grade Level:** 11**Prerequisite:** Instructor Approval

This is a comprehensive course focused on Minnesota State Language Arts Standards for students who need individualized instruction. This class will provide direct instruction in the areas of reading and writing by special education instructors. This class is specifically designed to support and re-teach skills taught in English 11. Students enrolled in this course are also enrolled in a general education English 11 course and have reading and/or writing IEP goals. The course is designed to focus on reading comprehension, literature exploration, and expanding reading strategies. Your written language skills focused on are fluency, complex and compound sentences, paragraph writing, and essay development.

ENGLISH 11: ADVANCED PLACEMENT LITERATURE AND COMPOSITION: A & B**Course Number:** 0581/0592**Grade Level:** 11**Prerequisite:** None

If you are able to meet multiple demands at the same time and be engaged in reading works of literature and deep analysis and discussion of those works consistently throughout the semester this AP course is recommended for you in place of the regular English 11 course. Individuals most successful in an AP course have met or exceeded proficiency on the reading MCA and are able to handle an accelerated pace of instruction and analyze a wide variety of challenging literature and text through insightful writing and discussion. You will be required to read and write outside of class and complete writing assignments related to literature in the course, including required multi-paragraph papers. Students will be prepared to take the AP exam, although it is optional. Note: This course has a summer reading and writing requirement.

ENGLISH 11B: INVER HILLS COMMUNITY COLLEGE: ENGLISH 1140 INTRODUCTION TO LITERATURE**Course Number:** IH0522**Grade Level:** 11**Prerequisite:** Students must earn at least 70% in English 1108

English 1140 is a course offered by BHS in cooperation with Inver Hills Community College. This course meets the English 11 requirement and the Minnesota state standards as well as ramping up skills in preparation for coursework at the college level. English 1140 introduces you to the methods of comprehending and analyzing college level poetry, drama, novels, short stories, and creative nonfiction.



ENGLISH 12: MEDIA LITERACY AND RESEARCH

Course Number: 0750

Grade Level: 12

Prerequisite: None



Media literacy and research is a study of how messages of news, information, persuasion, and entertainment are produced, packaged, and delivered to a mass audience through the mass media. In addition, the effects of mass communications on the audience will be analyzed, specifically the degree to which societal values and norms reflect the values and norms portrayed in the media, as well as the degree to which the media defines gender and culture. Legal and social issues will be explored. A short history of the major media serves as an introduction to the course, with the remainder of the course focused on becoming media literate – not merely passively consuming media, but rather understanding how and why it is directed at us, analyzing its impact, and using it to create personal communication systems. You will complete a research-writing project in this course. Note: This course does not fulfill NCAA athletic eligibility requirements. If you need to meet NCAA eligibility criteria, you must take an additional approved language arts course as an elective.

LANGUAGE ARTS SKILLS 12: A & B

Course Number: 8571/8572

Grade Level: 12

Prerequisite: Instructor Approval

This is a comprehensive course focused on Minnesota State Language Arts Standards for students who need individualized instruction. This class will provide direct instruction in the areas of reading and writing by special educators. This class is specifically designed to support and re-teach skills taught in English 12. Students enrolled in this course are also enrolled in a general education English 12 course and have reading and/or writing IEP goals. You will focus on reading comprehension, writing, critical thinking, grammar, vocabulary development, literature exploration, and communication skills.

ENGLISH 12: AMERICAN LITERATURE

Course Number: 0770

Grade Level: 12

Prerequisite: None

Through an integrated study of reading, writing, speaking and listening, this course will explore literature of America. Reading selections include drama, poetry, novels, short stories, and nonfiction. You will be required to read outside of class and complete writing assignments related to literature and suitable to skill level, including completion of a literary analysis.

INVER HILLS COMMUNITY COLLEGE: ENGLISH 1108 WRITING AND RESEARCH SKILLS (ENGLISH 11A)

Course Number: IH0511

Grade Level: 11

Prerequisite: Accuplacer assessment score of 78 or higher
English 1108 is a course offered by BHS in cooperation with Inver Hills Community College. This course meets the English 11 requirement and the Minnesota state standards as well as building up skills in preparation for coursework at the college level. English 1108 emphasizes critical writing, reading, and thinking with attention to rhetorical elements such as argumentative structure, audience. You will also draw conclusions from your readings, document the use of sources, and practice the writing process.



MATHEMATICS

ALGEBRA II A & B

Course Number: 2651/2662

Grade Level: 10

Prerequisite: Successful completion of Geometry 9 or Honors Geometry 9

This course will include the study of topics such as, linear programming, arithmetic and geometric sequences and series, radical functions, statistics and probability, all in the application of real-world problems. Geometry is integrated with algebra to take advantage of all mathematics students have had when studying such topics as, exponents, logarithms, trigonometry, sequences, series, statistics and combinations. Note: Calculator required: TI-84 Plus or TI-84 Plus Silver (TI-83 is compatible)

ALGEBRA II A & B

Course Number: 2651/2662

Grade Level: 11

Prerequisite: Successful completion of Geometry 10 or Honors Geometry 10

This course will include the study of topics such as, linear programming, arithmetic and geometric sequences and series, radical functions, statistics and probability, all in the application of real-world problems. Geometry is integrated with algebra to take advantage of all mathematics students have had when studying such topics as, exponents, logarithms, trigonometry, sequences, series, statistics and combinations. Note: Calculator required: TI-84 Plus or TI-84 Plus Silver (TI-83 is compatible)

HONORS ALGEBRA II: A & B

Course Number: 2681/2692

Grade Level: 9, 10, 11

Prerequisite: Successful completion of Geometry or Honors Geometry

This course generally follows the description of the traditional Algebra II A/B course, but provides a more extensive experience especially with regards to topics such as sequences/series, conic sections, and trigonometry. Note: Calculator required: TI-84 Plus (TI-83 is compatible)

ALGEBRA II MATH SKILLS: A & B

Course Number: 8521/8522

Grade Level: 11, 12

Prerequisite: Instructor Approval

This is a comprehensive course focused on Minnesota State Math Standards for students who need individualized instruction. This class is specifically designed to support and re-teach the skills taught in Algebra II by special education instructors. Students enrolled in this course are enrolled in an Algebra II course and have math IEP goals. You will focus on the use of algebraic concepts to solve real-world problems.

EL PRE-ALGEBRA: A & B

Course Number: 2152/2162w

Grade Level: 9, 10, 11, 12

Prerequisite: Instructor Approval

In Pre-Algebra you will study decimals, fractions, exponents, measurement, integers, basic graphing, solving one and two step equations, and problem solving. This course provides additional academic language instruction and support for English Language Learners.

EL ALGEBRA I: A & B**Course Number:** 2351/2362**Grade Level:** 9, 10, 11, 12**Prerequisite:** Instructor Approval

In Algebra I you will be introduced to statistics, probability, and reasoning as well as the study of algebra. These topics are not isolated as separate units of study or as enrichment. Instead, they are employed to motivate, justify, and extend important concepts of algebra. This course emphasizes reading and problem solving throughout. This course provides additional academic language instruction and support for English Language Learners.

EL ALGEBRA II: A & B**Course Number:** 2631/2642**Grade Level:** 10, 11, 12

Prerequisite: Successful completion of Geometry or EL Geometry
This course provides additional academic language instruction and support for English Language Learners as you study Algebra II.

GEOMETRY A & B**Course Number:** 2611/2622**Grade Level:** 9

Prerequisite: Successful completion of Algebra 1 for 8th graders
In Geometry A and B, you will learn to read, interpret, represent, and use geometry to solve real-world problems. Coordinates and transformations, which are critical to building and maintaining algebra skills and concepts, are studied early. You will also study measurement, area, volume, Pythagorean Theorem, coordinate geometry, similarity, logic, indirect reasoning, and right triangle trigonometry. Proofs, which require geometry knowledge and experience, are built up slowly. Note: Scientific calculator required (TI-84/TI-84 Plus or TI-83 strongly recommended)

HONORS GEOMETRY A & B**Course Number:** 2921/2922**Grade Level:** 9

Prerequisite: Successful completion of Algebra 1
This course follows generally the description of the traditional Geometry A/B course but provides a more extensive experience from early stages with the devising, presentation, and defense of student proofs and the theoretical consideration of the nature of proof. Note: Calculator required: TI-84 Plus (TI-83 is compatible)

GEOMETRY MATH SKILLS: A & B**Course Number:** 8523/8524**Grade Level:** 9, 10**Prerequisite:** Instructor Approval

This is a comprehensive course focused on Minnesota State Math Standards for students who need individualized instruction. This class is specifically designed to support and re-teach the skills taught in Geometry by special education instructors. Students enrolled in this course are enrolled in a Geometry course and have math IEP goals. You will focus on using Geometry to solve real-world problems.

EL GEOMETRY: A & B**Course Number:** 2371/2382**Grade Level:** 9, 10, 11, 12**Prerequisite:** Successful completion of Algebra I or EL Algebra I

This course provides additional academic language instruction and support for English Language Learners as you study Geometry.

CONSUMER MATH: A & B**Course Number:** 8511/8512**Grade Level:** 11, 12**Prerequisite:** Instructor Approval

This is a comprehensive course focused on Minnesota State Math Standards for students who need individualized instruction. You will focus on real life math problems involving money. Goals in the areas of money, budgeting, balancing a checkbook, time concepts, and measurement may be addressed.

PHYSICAL EDUCATION/HEALTH**HEALTH****Course Number:** 4000**Grade Level:** 10**Prerequisite:** None

The focus of health education will be on making appropriate decisions in the six priority areas: Intentional/Unintentional Injuries, Physical Fitness, Dietary Practices, Drugs and Alcohol, Tobacco, and Sexual Health.

INDIVIDUAL, TEAM AND FITNESS**Course Number:** 4010**Grade Level:** 9**Prerequisite:** None

This course meets the high school physical education requirement. The design of this course allows you to participate in team and individual lifetime physical activities. The course also provides opportunities to improve your fundamental skills and cardiovascular and strength conditioning. Units of instruction include soccer, volleyball, badminton, swimming, bat and ball games, weight training and cardiovascular fitness. Requirements of the course include baseline fitness testing and implementation of a fitness plan to improve your fitness.

SCIENCE**BIOLOGY: A & B****Course Number:** 3301/3312**Grade Level:** 10**Prerequisite:** None

Biology A and B is the study of living things and how biological topics impact our daily lives. This lab-based course includes the nature of science, the scientific method, cells, DNA structure, genetics, evolution, ecology, and the human body.



HONORS BIOLOGY: A & B

Course Number: 3401/3412

Grade Level: 10

Prerequisite: Successful completion of or concurrent enrollment in Algebra II, Honors Algebra II, or MCA or MAP score at or above the 75th percentile.

Honors Biology A topics include the scientific method, cells structure and function, and DNA structure. An independent research project is required. Honors Biology B topics include genetics, evolution, ecology and the human body.

EL BIOLOGY: A & B

Course Number: 3321/3332

Grade Level: 10

Prerequisite: Instructor Approval

This course provides additional academic language instruction and support for English Language Learners as you study Biology.

CHEMISTRY CONCEPTS: A & B

Course Number: 3601/3612

Grade Level: 11

Prerequisite: Instructor approval.

If you need a less mathematically intense chemistry course you may want to consider Chemistry Concepts. It is the study of structure and composition of matter, basic atomic theory, the periodic table, chemical bonding, naming compounds and writing formulas, writing and balancing simple chemical equations, and identifying basic reaction types and their products. Note: Does not fulfill NCAA athletic eligibility requirements.

CHEMISTRY: A & B

Course Number: 3631/3642

Grade Level: 11

Prerequisite: Completion of or concurrent enrollment in Algebra II or Honors Algebra II.

In this course, you will engage in the study of the structure and composition of matter, basic atomic theory, the periodic table, chemical bonding, energy changes, naming compounds and writing chemical formulas, writing and balancing simple chemical equations, the mole concept, gas laws, kinetic theory, solution chemistry, ionization, and acid-base theory. Hydrocarbons, bio-molecules, and ionizing radiation may also be studied.

HONORS CHEMISTRY: A & B

Course Number: 3651/3662

Grade Level: 11

Prerequisite: Completion of or concurrent enrollment in Algebra II or Honors Algebra II and MCA or MAP score at or above the 75th percentile.

If you are planning on pursuing a science related career in college, you will want to take Honors Chemistry. This course will take a more mathematical approach than Chemistry A & B. You will engage in the study of matter, the mole concept, chemical calculations, the atom, types of reactions, and laboratory skills. Honors Chemistry B is the study of gas laws, equilibrium, acid-base reactions, oxidation-reduction reactions, organic chemistry, and laboratory skills.

EL CHEMISTRY: A & B

Course Number: 3611/3622

Grade Level: 11

Prerequisite: Instructor Approval

This course provides additional academic language instruction and support for English Language Learners as you study Chemistry.

PHYSICAL SCIENCE A & B

Course Number: 3911/3912

Grade Level: 9

Prerequisite: None

With an emphasis on building science process skills and laying the groundwork for success in subsequent high school science courses, ninth grade physical science is a standards-based course that introduces you to chemistry, physics, and engineering. You will use the scientific method to solve problems, develop hypotheses, design experiments, collect and analyze data, and state conclusions based on their data.

HONORS PHYSICAL SCIENCE A & B

Course Number: 3921/3922

Grade Level: 9

Prerequisite: None

If you are self-motivated and excel in math, reading and writing you may want to consider taking this course in place of the Physical Science course. In addition to covering the content in the physical science course, you will also be required to design and conduct a research project (i.e. science fair) and expand your understanding of science by reading advanced science text, completing more complex labs, and writing formal lab reports.

EL PHYSICAL SCIENCE: A & B

Course Number: 3971/3982

Grade Level: 9

Prerequisite: Instructor Approval

This course provides additional academic language instruction and support for English Language Learners as you study Physical Science.

SOCIAL STUDIES

ADVANCED PLACEMENT HUMAN GEOGRAPHY: A & B

Course Number: 1921/1922

Grade Level: 9

Prerequisite: None

This college level course focuses on the goal of understanding patterns and processes that have shaped, and continue to shape human relationships on earth. You will study population geography, cultural geography, political geography, economic geography, agricultural geography and urban geography. You will be expected to do college level reading and will be assigned research that is designed to lead to a deeper understanding of geographic models and concepts and make applications to the real world. This year long course is designed to meet or exceed the experience of an introductory one semester college human geography course. Note: This course meets the 9th grade social studies graduation requirement. Students have the opportunity to take the AP Human Geography Exam in the spring to possibly earn college credit.



HUMAN GEOGRAPHY

Course Number: 1911

Grade Level: 9

Prerequisite: None

This semester long course presents you with an overview of basic geographical knowledge, an introduction to geo-spatial technologies, and an examination of geographical patterns around the globe utilizing the themes of population, culture, politics, economics, urbanization and environmental issues in order to achieve the basic goal of understanding patterns and process that have shaped and continue to shape human relationships on earth.

EL HUMAN GEOGRAPHY

Course Number: 1941

Grade Level: 9

Prerequisite: Instructor Approval

This course provides additional academic language instruction and support for English Language Learners as you study Human Geography.

ADVANCED PLACEMENT WORLD HISTORY: A & B

Course Number: 1521/1532

Grade Level: 10

Prerequisite: None

AP World History is a cross-cultural, chronological study of the history of the world. The course highlights the nature of changes in international frameworks, as well as comparisons among major societies from the years 8000 B.C. to present day. You will be expected to critically assess historical sources, write clear, well-evidenced essays, and compare and contrast civilizations cross-culturally during set time periods. Note: There is required summer reading.



WORLD HISTORY: A & B

Course Number: 1501/1512

Grade Level: 10

Prerequisite: None

World History A is a cross-cultural, chronological study of the history of the world. You will study topics including physical and cultural evolution, the beginnings of civilizations, development of classical empires, development of universal religions, and the Middle Ages. World History B begins with the Renaissance and concludes by exploring global trends in a changing world. You will study topics including the Renaissance, scientific revolution, industrialism, nationalism, revolution, colonialism and imperialism, the world wars, the post-World War II world, and new regional conflicts.

CIS/ADVANCED PLACEMENT AMERICAN HISTORY: A & B

Course Number: 1561/1572

Grade Level: 11

Prerequisite: Students must be juniors or seniors and meet at least ONE of the following additional qualifications: 1) Have a cumulative GPA in recent social science courses that exceeds a 3.25, OR 2) Be in the top 30% of his/her high school class, OR 3) Instructor approval. CIS/Advanced Placement American History A is a survey of American History from the early migrations to the end of reconstruction. Advanced Placement American History B is a survey of American History from the rise of industrialism to the present day. You will acquire factual knowledge, consider historical evidence, and interpret data in an analytical and critical fashion. You will be expected to critically assess sources, write clear and well-evidenced essays, and complete the work volume and academic expectations of a college freshman. The grading for this course is in accordance with the University of Minnesota for college level coursework. Note: There is required summer reading.



AMERICAN HISTORY: A & B

Course Number: 1541/1552

Grade Level: 11

Prerequisite: None

American History A studies the period from the early migrations through the period of reconstruction. You will study topics including early American civilizations, exploration, colonial development, colonial revolution, constitutional period, early republic, westward expansion, Age of Jackson, Civil War, and reconstruction. American History B studies the period of industrialization to the present. You will study topics including Populism and Progressivism, imperialism and World War I, 1920's, Great Depression, New Deal, World War II, Cold War, Civil Rights Movement, and the cultural, social, political, and economic history of the post-World War II period.

EL AMERICAN HISTORY: A & B

Course Number: 1841/1852

Grade Level: 11

Prerequisite: Instructor Approval

This course provides additional academic language instruction and support for English Language Learners as you study American History.

CIS/ADVANCED PLACEMENT AMERICAN GOVERNMENT - AMERICAN DEMOCRACY IN A CHANGING WORLD



Course Number: 1581

Grade Level: 12

Prerequisite: Students must be seniors who meet at least ONE of the following additional qualifications: 1) Have a cumulative GPA in recent social science courses that exceeds a 3.5, OR 2) Be in the top 20% of his/her high school class, OR 3) Demonstrate strength in the necessary reading and writing skills.

CIS/Advanced Placement American Government will examine fundamental aspects of U.S. government, focusing on the language and logic used by political institutions in the governing process. Current public policy issues will help illustrate and analyze the concepts of U.S. government. The class will explore larger questions about the kind of society we want and the roles government should play in achieving that society. You will be expected to critically assess sources, write clear and well-evidenced essays, and complete the work volume and academic expectations of a college freshman. The grading for this course is in accordance with the University of Minnesota for college-level coursework. Note: A 3.5 cumulative GPA or approved U of M petition is required to receive credit from the U of MN.

AMERICAN GOVERNMENT AND POLITICS

Course Number: 1580

Grade Level: 12

Prerequisite: None

American Government and Politics will give you the tools to understand the basics of our political system. The goal of the class is to help you learn how to be active participants in our democracy. You will study the foundations of government and citizenship, the Constitution and federalism, linking people and government, Congress, the President, the judicial system and civil liberties.

CIS/ADVANCED PLACEMENT MICROECONOMICS

Course Number: 1592

Grade Level: 12



Prerequisite: Students must be seniors who meet at least ONE of the following additional qualifications: 1) Earned a B or better in a rigorous high school algebra II course, OR 2) Have a cumulative GPA that exceeds a 3.5, OR 3) Be in the top 20% of his/her high school class, OR 4) Have teacher approval.

Economics is a social science seeking to understand society and studies choice under conditions of scarcity. CIS/AP Microeconomics concerns itself with the individual segments of the economy such as households and business firms. It looks at choices individuals and firms make and how they interact in the market to trade goods and services. You will study topics such as scarcity and choice, opportunity costs and trade offs, economic systems, markets and prices, supply and demand, productivity, efficiency, marginal analysis, competition and market structure, market failures, role of government, income distribution, public goods, externalities, and the social goals of freedom, equity, efficiency, growth and security. You will be expected to critically assess sources, write clear and well-evidenced essays, and complete the work volume and academic expectations of a college freshman. The grading for this course is in accordance with the University of Minnesota for college-level coursework. Note: A 3.5 cumulative GPA or approved U of M petition is required to receive credit from the U of MN.

PRINCIPLES OF ECONOMICS

Course Number: 1590

Grade Level: 12

Prerequisite: None

This course is an integrated study of macroeconomics, microeconomics, and other principles of social science. You will study the topics of scarcity, supply and demand, price systems and market structures, government revenue and spending, economic indicators and monetary/fiscal policy. In addition, you will learn about personal financial decision-making.

INVER HILLS COMMUNITY COLLEGE: POLITICAL SCIENCE 1111 AMERICAN GOVERNMENT



Course Number: IH1583

Grade Level: 12

Prerequisite: Placement in this course is dependent on scores on the ACCUPLACER assessment.

Political Science 1111 is a course offered by BHS in cooperation with Inver Hills Community College. This course meets the twelfth grade Government requirement for Social Studies and meets the Minnesota state standards as well as building up skills in preparation for coursework at the college level. You will study processes and policies of United States national government, political parties, campaigns and elections, public opinion, interest groups, media coverage and current political issues. The course will also examine principles of the Constitution, and the structure and behavior of the legislative, executive, and judicial branches.



GLOBAL ELECTIVES

Career & Technical Education (CTE)

Fine Arts

Language Arts

Mathematics

Physical Education

Science

Social Studies

World Languages

Youth Service

Icon Key



College Credit
Opportunity



Certification
Opportunity



Fine Arts
Credit

Watch for these symbols next to course descriptions throughout the catalog. They indicate that the course offers an opportunity to earn college credit, a professional certification, and/or meets the Burnsville High School Fine Arts requirement.

CAREER & TECHNICAL EDUCATION

CAREER INVESTIGATION

Course Number: 8120
Grade Level: 10, 11, 12 BAHS Only
Prerequisite:

The Career Investigation course will provide you an opportunity to develop a personal portfolio of career related items, including interest inventories, abilities, values, goals, and experiences. You will study career clusters, today's global job market, letters of application, resume writing, interviewing skills, communication techniques, on-the-job etiquette, and presenting a professional image in this course.

COMPUTER APPLICATIONS

Course Number: 7230
Grade Level: 9, 10, 11, 12
Prerequisite: None

Are you prepared for the computer application skills you will need in college, a career, or life itself? In this introductory computer course, you will learn practical and useful applications of the Microsoft Office Professional software package. You will have opportunities in this course to use word processing, database, and spreadsheet features, as well as basic information technology skills. Concurrent credit can be earned with Normandale Community College.



INDEPENDENT STUDY - BUSINESS EDUCATION

Course Number: 7490
Grade Level: 10, 11, 12
Prerequisite: Instructor Approval

Independent Study may only be taken with a supervising teacher's approval. It must be an area of study and/or experience not available to you in an existing course.

INDEPENDENT STUDY - COMPUTERS

Course Number: 2980
Grade Level: 10, 11, 12
Prerequisite: Instructor Approval

Independent Study may only be taken with a supervising teacher's approval. It must be an area of study and/or experience not available to you in an existing course.



INDEPENDENT STUDY - FAMILY AND CONSUMER SCIENCES

Course Number: 8490
Grade Level: 11, 12
Prerequisite: Instructor approval

Independent Study may only be taken with a supervising teacher's approval. It must be an area of study and/or experience not available to you in an existing course.

INDEPENDENT STUDY - TECHNICAL EDUCATION

Course Number: 7990
Grade Level: 11, 12
Prerequisite: Instructor Approval

Independent Study may only be taken with a supervising teacher's approval. It must be an area of study and/or experience not available to you in an existing course.

MAAP STARS/CAREERS INVESTIGATION

Course Number: 8111
Grade Level: 10, 11, 12 BAHS Only
Prerequisite:

The goal of this course is supporting you in developing career, academic, and social skills. You will experience career related activities that assist you in making informed career choices, build a cooperative and competitive spirit through individual and team activities and competition, strengthen social skills and build an appreciation for the responsibility of citizenship, brotherhood, and the American free enterprise system. You will also be able to develop self confidence, increase motivation, and create a desire for and belief in life-long learning.

FINE ARTS

HISTORY OF ROCK & ROLL

Course Number: 5720
Grade Level: 9, 10, 11, 12
Prerequisite: None

This is a non-performance music course that focuses on the history of popular music and its impact on society and culture. You will study the chronological history of significant rock and roll icons, performers, and events. Study will cover popular music from the early 1950s through present day, and will focus on influential performers such as Elvis, the Beatles, Pink Floyd and Public Enemy. You will study the progression of rock music styles, including R&B, punk and rap, through projects, exploration, and film.



INDEPENDENT STUDY - FINE ARTS

Course Number: 5690
Grade Level: 10, 11, 12
Prerequisite: Instructor Approval

Independent Study may only be taken with a supervising teacher's approval. It must be an area of study and/or experience not available to you in an existing course.



LANGUAGE ARTS

CIS PUBLIC SPEAKING

Course Number: 0710
Grade Level: 11, 12
Prerequisite: Students must be juniors or seniors and in the top 50% of their class, or instructor approval.

CIS Public Speaking is a challenging course that includes a combination of advanced writing, speaking, and listening skills. This class will help you gain skills, poise, and confidence in various speaking situations. The emphasis in this approach to public speaking is on preparation (research, organization, and writing) and practice (rehearsal). You will combine research skills, writing skills, and delivery skills and select speech topics, organize ideas through outlines or manuscripts, use various types of intros and conclusions, and use effective delivery techniques. The grading for this course is in accordance with the University of Minnesota for college-level coursework.



MATHEMATICS

ADVANCED PLACEMENT CALCULUS BC: A & B

Course Number: 2851/2862

Grade Level: 11, 12

Prerequisite: Successful completion of Honors Precalculus and 80% score on placement test

Students who pass the AP Calculus BC exam in May will gain college credit and/or advanced placement at most colleges for one semester beyond what they gain by taking College-in-the-Schools Calculus AB. Students who take the AP Calculus BC exam will also receive a subscore for AP Calculus AB. This is a full-year course in differential and integral calculus in one variable. The course includes all topics covered in CIS Calculus AB at a faster pace and many additional topics. Note: Calculator required: TI-84 Plus (TI-83 is compatible)

CIS/ADVANCED PLACEMENT CALCULUS: A & B



Course Number: 2811/2822

Grade Level: 11, 12

Prerequisite: Successful completion of Precalculus or Honors Precalculus, and 80% score on placement test

Advanced Placement (AP) Calculus AB is for you if you are planning to take the Advanced Placement Exam. You will study the derivative and its many applications first semester and the integral and its many applications second semester. The content of this course will prepare students for the Advanced Placement Examination. Successful completion of AP Calculus AB and the AP Examination may lead to college credit and/or advanced placement at the college level. The grading for this course is in accordance with the University of Minnesota for college-level coursework. Note: Calculator required: TI-84 Plus or TI-84 Plus Silver (TI-83 is compatible)

ADVANCED PLACEMENT STATISTICS: A & B

Course Number: 2951/2962

Grade Level: 11, 12

Prerequisite: Successful completion of Honors Algebra II and instructor recommendation.

This AP course will provide you with learning in the following areas.

1) Exploring Data: Exploratory analysis of data makes use of graphical and numerical techniques to study patterns and departures from patterns. Emphasis is placed on interpreting information from graphical and numerical displays and summaries. 2) Planning a Study: Data must be collected according to a well-developed plan if valid information on a conjecture is to be obtained. Your plan will include clarifying the question and deciding upon a method of data collection and analysis. 3) Anticipating Patterns: Probability is the tool used for anticipating what the distribution of data should look like under a given model. 4) Statistical Inference: Inference from data can be thought of as the process of selecting a reasonable model and including a statement in probability language, of how confident one can be about the selection. An intensive review prepares students for the Advanced Placement Examination. Note: Calculator required: TI-84 Plus or TI-84 Plus Silver (TI-83 is compatible)

ALGEBRA FUSION: A & B

Course Number: 2401/2412

Grade Level: 9

Prerequisite: Instructor approval

This class is specifically designed for 9th grade students who based on MCA and MAP assessments and class work in Algebra I need additional support in the development of essential algebraic concepts. This class will improve your math skills and prepare you for your study of algebra in high school and college. Skills learned and practiced will allow for greater success and achievement in all your courses that use math. This course is taken in addition to the required Geometry course. An emphasis will be placed on the connections between equations, graphs, tables, and /real-world situations for both linear equations and quadratic equations. You will also study other topics such as proportions, radicals, and polynomials. Note: Scientific Calculator (TI-84/TI-84 Plus or TI-83 strongly recommended)

ALGEBRA III: A & B

Course Number: 2701/2712

Grade Level: 11, 12

Prerequisite: Successful completion of Algebra II or Honors Algebra II

This course is designed to prepare you for first year college level mathematics courses. If you are not prepared and ready to take Precalculus, but wish to take math in preparation for career and college this is the course for you. You will be provided a general survey of mathematical topics that are useful in our contemporary world with a strong focus on using technology as a tool for success in mathematics. Topics include functions and their graphs, exponents and logarithms, sequences and series, trigonometry, and graph theory. Note: Calculator required: TI-84 Plus or TI-84 Plus Silver (TI-83 is compatible)

HONORS PRECALCULUS A & B

Course Number: 2771/2782

Grade Level: 10, 11, 12

Prerequisite: Successful completion of Honors Algebra II

This course generally follows the description of the traditional Precalculus A/B course, but provides a more extensive experience especially with regards to topics such as limits and derivatives. Note: Calculator required: TI-84 Plus or TI-84 Plus Silver (TI-83 is compatible)

PRECALCULUS: A & B

Course Number: 2751/2762

Grade Level: 10, 11, 12

Prerequisite: Successful completion of Algebra II or Honors Algebra II

Precalculus will build on the ideas of functions and logic to establish a foundation to prepare you for courses you will encounter in college. Topics you will study include functions and their graphs, exponents and logarithms, trigonometry, polar coordinates, and a study of vectors. Note: Calculator required: TI-84 Plus or TI-84 Plus Silver (TI-83 is compatible)

Global Electives

PHYSICAL EDUCATION

CONTACT TEAM SPORTS (Flag Football, Basketball, Team Handball)

Course Number: 4040

Grade Level: 10, 11, 12

Prerequisite: Successful completion of ITF

This course covers fundamental skills, playing techniques, rules, and basic strategies for Flag Football, Basketball and Team Handball. You will play games where body contact is involved.

FLOOR HOCKEY, SOCCER, AND SPEEDBALL

Course Number: 4552

Grade Level: 10, 11, 12

Prerequisite: Successful completion of ITF

This class covers the fundamental skills, playing techniques, rules, and basic strategies for Floor Hockey, Soccer, and Speedball. Team tournaments will be played in each unit. This is a high intensity class.

PERSONAL DEVELOPMENT (BWCA/CAMPING)

Course Number: 8421/8432

Grade Level: 11, 12 BAHS Only

Prerequisite: This course is offered for students enrolled at BAHS. This experiential course provides you an opportunity to take a class with a small number of students during summer school in the Minnesota Boundary Waters Canoe Area. The curriculum consists of fitness, character development, outdoor/camping skills, and the history on the Boundary Waters Canoe Area. You will be in class at school for 3-4 days prior to the trip and then go into the BWCA for 5 days/4 nights.

RACKET SPORTS I (Tennis, Pickleball, Badminton)

Course Number: 4050

Grade Level: 10, 11, 12

Prerequisite: Successful completion of ITF

This course covers the fundamental skills, rules, and strategies of Tennis, Pickle ball and Badminton. You will participate in singles, doubles, and team tournament play.

RACKET SPORTS II (Tennis, Pickleball, Badminton)

Course Number: 4620

Grade Level: 10, 11, 12

Prerequisite: Successful completion of Racket Sports I

This course emphasizes advanced skills and strategies in singles and doubles play of each game. Singles and doubles tournaments will be part of each unit of play.

RECREATIONAL SPORTS (Ultimate, Volleyball, Kittenball, Badminton, Dodgeball and Floor Hockey)

Course Number: 4070

Grade Level: 10, 11, 12

Prerequisite: Successful completion of ITF

This course will cover the fundamental skills, rules, playing techniques and basic strategies for Ultimate, Volleyball, Kittenball, Badminton, Dodgeball, and Floor Hockey. You will participate in singles, doubles and team tournaments as part of class play.

SELF DEFENSE

Course Number: 4730

Grade Level: 9, 10, 11, 12

Prerequisite: Successful completion of ITF

In this semester long class, you will learn self-protection techniques, evading techniques, and escape techniques. You will also have strength and conditioning opportunities. This course is designed to teach empowerment, so you will have the confidence to protect and defend yourself.

TEAM SPORTS

Course Number: 4030

Grade Level: 10, 11, 12

Prerequisite: Successful completion of ITF

This course covers fundamental skills, playing techniques, rules, and basic strategies for soccer, ultimate, softball, volleyball and basketball. Tournament play will be included in some of the activities.

INDEPENDENT STUDY - PHYSICAL EDUCATION

Course Number: 4990

Grade Level: 11, 12

Prerequisite: Instructor Approval

Independent Study may only be taken with a supervising teacher's approval. It must be an area of study and/or experience not available to you in an existing course.

SCIENCE

ADVANCED PLACEMENT ENVIRONMENTAL SCIENCE: A & B



Course Number: 3851/3862

Grade Level: 11, 12

Prerequisite: Successful completion of Biology or Honors Biology and concurrent enrollment in Chemistry or Honors Chemistry.

AP Environmental Science will examine how the biosphere works and how humans are affecting it. A major emphasis will be on sustainability of ecosystems and resources as well as human responsibility. Basic principles of biology, chemistry, physics, earth science and math as well as sociology, economics and politics will be applied by examining the natural environment and considering how human activity is changing it. Successful completion of the Advanced Placement Environmental Science examination may result in college credit and/or advanced placement in college courses.

ENVIRONMENTAL STUDIES & WILDLIFE CONSERVATION

Course Number: 3890

Grade Level: 10, 11, 12 BAHS Only

Prerequisite:

Environmental Studies is a class that is designed to introduce you to major ecological concepts and the environmental concerns that affect the world in which we live. Students explore the interactions of people and their environment. The course also focuses on local and global issues in wildlife conservation and addresses global issues with sustainable solutions and positive action.

ASTRONOMY**Course Number:** 3540**Grade Level:** 11, 12**Prerequisite:** None

Astronomy is the study of the solar system and stars/galaxies. Topics include planets, moon(s), minor members of the solar system, history of astronomy, telescopes and tools of astronomy, and time. Topics from the stellar system(s) include our sun, stars, galaxies, quasars, stellar evolution and history.

HONORS PHYSICS: A & B**Course Number:** 3821/3832**Grade Level:** 12**Prerequisite:** Completion of Algebra II.

If you are planning on pursuing a science related career in college, you will want to take Honors Physics. Honors Physics is the study of matter and energy and their interaction, using a mathematical approach. Topics include rectilinear motion, motion in two dimensions, Newton's Laws, equilibrium, momentum, energy, current electricity, modern physics, waves, refraction and reflection of light, mirrors and lenses, and static electricity.

PHYSICS: A & B**Course Number:** 3721/3732**Grade Level:** 12**Prerequisite:** Completion of or concurrent enrollment in Algebra II or Honors Algebra II. It is strongly recommended that students take this course concurrently with a math course.

Physics is the study of matter and energy and their interaction. Topics include rectilinear motion, motion in two dimensions, Newton's Laws, momentum, energy, current electricity, modern physics, waves, refraction and reflection of light, sound and musical instruments, and static electricity.

INDEPENDENT STUDY - SCIENCE**Course Number:** 3990**Grade Level:** 11, 12**Prerequisite:** Instructor Approval

Independent Study may only be taken with a supervising teacher's approval. It must be an area of study and/or experience not available to you in an existing course.

SOCIAL STUDIES**ADVANCED PLACEMENT PSYCHOLOGY A & B****Course Number:** 1661/1672**Grade Level:** 12**Prerequisite:** None

The year-long AP Psychology course is designed to introduce you to the systematic and scientific study of human behavior and mental processes. You will be exposed to the psychological facts, principles and theories associated within the major subfields of psychology. The ultimate goal of this course is to provide you with an understanding of the main concepts of psychology.

**CIS - INTRODUCTION TO AFRICAN AMERICAN STUDIES****Course Number:** 1690**Grade Level:** 11, 12

Prerequisite: Meet at least TWO of the following requirements: Rank in the top 50% of their high school class; demonstrate strength in visual, written, and/or oral learning styles to the CIS instructor; demonstrate reading and writing proficiency to the CIS instructor. This course is an introduction to the study of people of African descent in the United States and in the broader African diaspora. You will explore why people of African descent have occupied an oppressed position in the US and globally, and how they have resisted this oppression creating social change. We will be centrally concerned with how race, gender, and class shape the lives of people of African descent in the US and in the diaspora. The course will explore Black struggles for citizenship and movements toward democratization.

**CIS - SOCIOLOGY: INTERDISCIPLINARY LOOK AT THE FAMILY IN MULTICULTURAL AMERICA****Course Number:** 1650**Grade Level:** 11, 12**Prerequisite:** None

This course is designed as an introduction to multicultural families. The institution of the family is recognized globally as a basic unit of a society that produces, develops, socializes and launches the next generation of its citizenry. This course will focus on families in contemporary America, a society that has grown increasingly diverse and faces many complex challenges in today's global environment. Using a human ecological lens allows us to examine families in their nested and interdependent environments - how individuals shape and are shaped by families, their human built environments, their socio-cultural environments, and their natural-physical environments. Note: This course is part of the U of M Entry Point Project which targets students who are in the top 50th - 20th percentile as well as multilingual and ELL students.

**SURVEY OF 20TH CENTURY AMERICA****Course Number:** 1681**Grade Level:** 12**Prerequisite:** American History

A decade-by-decade survey of events and ideas in the 20th Century United States and their impact on and reflection of the culture of each decade will be studied in this course. You will learn about, examine and critically analyze each decade through its events, literature, music, film and TV.

WORLD LANGUAGES

FRENCH I: A & B

Course Number: 6001/6012

Grade Level: 9, 10, 11, 12

Prerequisite: None

This introductory course exposes you to the French-speaking world as they develop basic proficiency in the four language modalities of speaking, reading, writing and listening. The curriculum will enable you to communicate and practice through a variety of learning experiences including multi-media sources, original conversations, music, games, etc. Language study is highly recommended for the college-bound student.

FRENCH II: A & B

Course Number: 6041/6052

Grade Level: 9, 10, 11, 12

Prerequisite: Successful completion of French I. A grade of C or higher is highly recommended.

The French 2 curriculum focuses on improving and expanding speaking, reading, writing and listening skills acquired in French 1. You will increase vocabulary and understanding of basic grammar. Cultural study is included as well. Language study is highly recommended for the college-bound student.

FRENCH III: A & B

Course Number: 6081/6092

Grade Level: 10, 11, 12

Prerequisite: Successful completion of French II. A grade of C or higher is highly recommended.

Students will build upon proficiency skills acquired in previous levels. This course will emphasize vocabulary and grammar which will allow you to communicate in the present, past, and future tenses about a variety of topics. You are expected to speak French as the majority of the class is conducted in the target language. Advanced language study is strongly encouraged for the college-bound student.

CIS FRENCH IV: A & B

Course Number: 6121/6132

Grade Level: 11, 12

Prerequisite: Successful completion of French III. A grade of C or higher is highly recommended.

This course includes the study of one short story - Le Petit Prince while also strengthening oral proficiency through discussion of topics of current events and music. Grammatical concepts continue to be studied. The structure of the language continues to be stressed through listening, speaking, reading, and writing. You will strengthen your conversational skills as the class is conducted mainly in French and includes the opportunity to earn five semester credits from the University of Minnesota (Fren 1003). Advanced language study is strongly encouraged for the college-bound student.



CIS FRENCH V: A & B

Course Number: 6161/6172

Grade Level: 11, 12

Prerequisite: Successful completion of French IV. A grade of C or higher is highly recommended.

This course includes the study of the music and lyrics that accompany the story - Les Miserables, while also strengthening oral proficiency through discussion of current topics. This is a challenging course designed for the motivated language student. While practicing and improving communicative language skills, you have the opportunity to earn five semester credits at the University of Minnesota (Fren 1004). The class is conducted mainly in French and students are expected to use as much French as possible.



SPANISH I: A & B

Course Number: 6401/6412

Grade Level: 9, 10, 11, 12

Prerequisite: None

This introductory course exposes you to the diverse Spanish-speaking world as you develop basic proficiency in the four language modalities of speaking, reading, writing and listening. The district-wide curriculum will enable you to communicate on a variety of topics on a limited basis. Language study is highly recommended for the college-bound student.

SPANISH II: A & B

Course Number: 6441/6452

Grade Level: 9, 10, 11, 12

Prerequisite: Successful completion of Spanish I. A grade of C or higher is highly recommended.

The Spanish 2 curriculum focuses on improving and expanding speaking, reading, writing and listening skills acquired in Spanish 1. You will increase vocabulary and understanding of basic grammar. Language study is highly recommended for the college-bound student.

SPANISH III: A & B

Course Number: 6481/6492

Grade Level: 10, 11, 12

Prerequisite: Successful completion of Spanish II. A grade of C or higher is highly recommended.

You will build upon proficiency skills acquired in previous levels. This course will emphasize vocabulary and grammar which will allow you to communicate in the present, past, and future tenses on a variety of topics. The majority of the class is conducted in Spanish. Advanced language study is strongly encouraged for the college-bound student.

SPANISH IV: A & B

Course Number: 6521/6532

Grade Level: 11, 12

Prerequisite: Successful completion of Spanish III. A grade of C or higher is highly recommended.

Conversational skills are strengthened as the class is conducted in Spanish. The structure of the Spanish language continues to be stressed through review and expansion of the four basic skills. This course provides you a more advanced study of grammatical and communicative structures through multi-media sources. Advanced language study is strongly encouraged for the college-bound student.

CIS SPANISH V: A & B**Course Number:** 6561/6572**Grade Level:** 11, 12**Prerequisite:** Successful completion of Spanish IV with a A grade of B or higher or successful completion of Spanish for Heritage Learners and instructor recommendation.

This is a college course governed by the rules and expectations of the University of Minnesota's College-in-the-Schools program. This challenging course is designed for the motivated language student. Your skills are strengthened as the class is conducted entirely in Spanish. You will enhance Your communicative speaking, writing, reading and listening skills in the context of cultural themes related to the Hispanic world. The student has the opportunity to earn ten semester credits at the University of Minnesota (Spanish 1003 and 1004).

**SPANISH FOR HERITAGE LEARNERS I: A & B****Course Number:** 6301/6312**Grade Level:** 9, 10, 11, 12**Prerequisite:** Student must be a native or heritage speaker of Spanish or instructor approval.

This course is designed for students for whom Spanish is their native or heritage language. It provides you with the opportunity to expand your existing proficiency and to develop your reading and writing skills. Spelling and vocabulary development are stressed. Emphasis will be placed on usage appropriate to academic and professional settings.

SPANISH FOR HERITAGE LEARNERS II: A & B**Course Number:** 6311/6322**Grade Level:** 10, 11, 12**Prerequisite:** Successful completion of Spanish for Heritage Learners I. Spanish for Heritage Learners II is a course designed to apply the lexical and grammatical command acquired in heritage speakers' daily lives. Through this course you will further develop fluency and accuracy in both oral and written contexts.**YOUTH SERVICE****YOUTH SERVICE TEACHING: A&B****Course Number:** 8321/8322**Grade Level:** 11, 12**Prerequisite:** Instructor Approval

Note: Offered as a .5 credit per semester. May be taken twice for credit.

Students will be provided opportunities for assisting a teacher in a variety of settings. The instructor will arrange experiences mutually designed by students and instructor. Students are responsible for transportation to an elementary or junior high school.

YOUTH SERVICE PEER TUTORING: A&B**Course Number:** 8331/8332**Grade Level:** 11, 12**Prerequisite:** Acceptable application and interview

Note: Offered as a .5 credit per semester. May be taken twice for credit.

Peer tutoring is a service program open to students who maintain a B or better average. Students are trained in tutoring techniques and interpersonal communication skills. Peer tutors are assigned to a study hall to serve as tutors to students needing tutorial assistance.

YOUTH SERVICE SOCIAL SERVICES: A&B**Course Number:** 8351/8352**Grade Level:** 11, 12**Prerequisite:** Acceptable application and interview

Note: Offered as a .5 credit per semester. May be taken twice for credit.

Students will be provided opportunities to research and explore social service careers. The instructor will arrange experiences mutually designed by student and instructor. Students are responsible for their own transportation.

YOUTH SERVICE COMMUNITY VOLUNTEER: A&B**Course Number:** 8401/8402**Grade Level:** 10, 11, 12**Prerequisite:** Coordinator Approval

Note: Offered as a .5 credit per semester. May be taken twice for credit. May be taken four additional times for no credit.

The youth service coordinator works with students in planning their community volunteering and is responsible for monitoring the activity. Community volunteer hours are completed outside the school day. Opportunities for performing service in the community are many and varied. Any viable option for volunteering in the community will be considered including, but not limited to, serving at a school, social service agency, community education program, hospital, long-term care facility, zoo, environmental setting, park, recreation facility, municipal or other governmental agency, museum, art gallery, or cultural organization.



NCAA ELIGIBILITY CENTER QUICK REFERENCE GUIDE



NCAA Division I Initial-Eligibility Requirements

Core Courses: (16)

- **Initial full-time collegiate enrollment *before* August 1, 2016:**
 - **Sixteen (16) core courses** are required (see chart below for subject-area requirements).
- **Initial full-time collegiate enrollment *on or after* August 1, 2016:**
 - **Sixteen (16) core courses** are required (see chart below for subject-area requirements).
 - Ten (10) core courses completed before the seventh semester; seven (7) of the 10 must be in English, math or natural/physical science.
 - These courses/grades are "locked in" at start of the seventh semester (cannot be repeated for grade-point average [GPA] improvement to meet initial-eligibility requirements for competition).
 - *Students who do not meet core-course progression requirements may still be eligible to receive athletics aid and practice in the initial year of enrollment by meeting academic redshirt requirements (see below).*

Test Scores: (ACT/SAT)

- Students must present a corresponding test score and core-course GPA on the sliding scale (see Page No. 2).
 - **SAT:** critical reading and math sections.
 - Best subscore from each section is used to determine the SAT *combined* score for initial eligibility.
 - **ACT:** English, math, reading and science sections.
 - Best subscore from each section is used to determine the ACT *sum* score for initial eligibility.
- All ACT and SAT attempts *before* initial full-time collegiate enrollment may be used for initial eligibility.
- **Enter 9999 during ACT or SAT registration to ensure the testing agency reports your score directly to the NCAA Eligibility Center. Test scores on transcripts will not be used.**

Core Grade-Point Average:

- Only *core courses* that appear on the high school's List of NCAA Courses on the NCAA Eligibility Center's website (www.eligibilitycenter.org) will be used to calculate your core-course GPA. Use this list as a guide.
- **Initial full-time collegiate enrollment *before* August 1, 2016:**
 - Students must present a corresponding test score (ACT sum score or SAT combined score) and core-course GPA (minimum 2.000) on Sliding Scale A (see Page No. 2).
 - Core-course GPA is calculated using the **best 16 core courses** that meet subject-area requirements.
- **Initial full-time collegiate enrollment *on or after* August 1, 2016:**
 - Students must present a corresponding test score (ACT sum score or SAT combined score) and core-course GPA (minimum 2.300) on Sliding Scale B (see Page No. 2).
 - Core-course GPA is calculated using the **best 16 core courses** that meet both progression (10 before seventh semester; seven in English, math or science; "locked in") and subject-area requirements.

DIVISION I Core-Course Requirement (16)	
4	years of English
3	years of math (Algebra I or higher)
2	years of natural/physical science (1 year of lab if offered)
1	year of additional English, math or natural/physical science
2	years of social science
4	years of additional courses (any area above, foreign language or comparative religion/philosophy)

DIVISION I – 2016 Qualifier Requirements	
<i>*Athletics aid, practice, and competition</i>	
•	16 core courses
○	Ten (10) core courses completed before the start of seventh semester. Seven (7) of the 10 must be in English, math or natural/physical science. <ul style="list-style-type: none"> ▪ "Locked in" for core-course GPA calculation.
•	Corresponding test score (ACT sum score or SAT combined score) and core-course GPA (minimum 2.300) on Sliding Scale B (see Page No. 2).
•	Graduate from high school.

DIVISION I – 2016 Academic Redshirt Requirements	
<i>*Athletics aid and practice (no competition)</i>	
•	16 core courses <ul style="list-style-type: none"> ○ No grades/credits "locked in" (repeated courses after the seventh semester begins may be used for initial eligibility).
•	Corresponding test score (ACT sum score or SAT combined score) and core-course GPA (minimum 2.000) on Sliding Scale B (see Page No. 2).
•	Graduate from high school.

NCAA ELIGIBILITY CENTER QUICK REFERENCE GUIDE



Division II Initial-Eligibility Requirements

Core Courses

- **Division II currently requires 16 core courses.** See the chart below.
- **Beginning August 1, 2018**, to become a full or partial qualifier for Division II, all college-bound student-athletes must complete the 16 core-course requirement.

Test Scores

- **Division II** currently requires a minimum SAT score of 820 or an ACT sum score of 68. **Beginning August 1, 2018**, Division II will use a sliding scale to match test scores and core-course grade-point averages (GPA). The sliding scale for those requirements is shown on Page No. 2 of this sheet.
- The SAT score used for NCAA purposes includes **only** the critical reading and math sections. The writing section of the SAT is not used.
- The ACT score used for NCAA purposes is a **sum** of the following four sections: English, mathematics, reading and science.
- **When you register for the SAT or ACT, use the NCAA Eligibility Center code of 9999 to ensure all SAT and ACT scores are reported directly to the NCAA Eligibility Center from the testing agency. Test scores that appear on transcripts will not be used.**

Grade-Point Average

- Be sure to look at your high school's List of NCAA Courses on the NCAA Eligibility Center's website (www.eligibilitycenter.org). Only courses that appear on your school's approved List of NCAA Courses will be used in the calculation of the core GPA. Use the list as a guide.
- The current **Division II** core GPA requirement is a minimum of 2.000. **Division II** core GPA required to be eligible for competition on or after August 1, 2018, is 2.200 (corresponding test-score requirements are listed on the Sliding Scale on Page No. 2 of this sheet).
- The minimum **Division II** core GPA required to receive athletics aid and practice as a partial qualifier on or after August 1, 2018, is 2.000 (corresponding test-score requirements are listed on the Sliding Scale on Page No. 2 of this sheet).
- Remember, the NCAA core GPA is calculated using NCAA core courses only.

DIVISION II 16 Core Courses

- 3 years of English.
- 2 years of mathematics (Algebra I or higher).
- 2 years of natural/physical science (1 year of lab if offered by high school).
- 3 years of additional English, mathematics or natural/physical science.
- 2 years of social science.
- 4 years of additional courses (from any area above, foreign language or comparative religion/philosophy).

Glossary

ACCUPACER: ACCUPACER is a test used along with your academic background, goals and interests to help match your skill level with selecting courses.

ACT: ACT assessment is a five-hour national college admissions test which includes five sections: writing, science, math, reading and English. Most colleges will accept a student's ACT scores as part of the admissions evaluation. Eleventh grade students take this assessment which is administered in the high school.

AP: Advanced Placement. Advanced Placement courses are designed by the College Board. In May, students take a test for each AP course in which they are enrolled; students who achieve a certain score may, if their college accepts the AP credit, receive college credit. There is a separate fee required for each AP test taken by the student. AP exam fee waivers are available, check with the school counselors.

Articulation Credit: Several Career and Technical Education courses which are offered at BHS can be used for college credit upon enrollment in an applicable program at the community college level. Students in grades 10, 11 or 12 who take a qualifying course and earn a grade of a B or better in that course will receive an articulated college credit certificate (valid for 5 years). Upon enrollment in an applicable community college program the student will be able to use that certificate to transfer the high school course in as college credit as defined in the articulation agreement.

ASFAB: ASFAB is a multiple-aptitude battery that measures developed abilities and helps predict future academic and occupational success in the military.

BHS: The abbreviation for Burnsville High School.

CIS: The abbreviation for College in the Schools, the University of Minnesota's nationally accredited program that brings U of M faculty together with high school teachers to offer University courses to high school students.

College: In contrast to a university, a college traditionally only offers undergraduate degrees and programs. (There are, of course, some exceptions to this definition.)

College Admissions Test: A test often required by four-year colleges to help determine which students to admit to their school. The most common tests are the ACT and SAT.

College Fair: An event where people from colleges gather to talk with students and parents.

Community College: Schools that prepare students for certain jobs or to transfer to a four-year college.

Concurrent enrollment: A program that provides high school students with the opportunity to take college-credit bearing courses taught by college-approved high school teachers, generally on the high school campus.

Dual Enrollment: Dual enrollment is an enrollment plan that allows a student to earn credit in both a high school and community college or college course at the same time.

Dual Ranking: Involves identifying a group of students who complete a specific set of core classes each semester beginning in their tenth grade year. Successfully completing the dual rank sequential courses will establish a secondary class rank for these students.

FAFSA: The abbreviation for Free Application for Federal Student Aid.

Financial Aid: Need-based money awarded to qualified students to help pay for college.

Free Application for Federal Student Aid (FAFSA): This form is required for any student who wants to be considered for need-based federal aid. Make sure you get your form in by the deadline! Visit <https://fafsa.ed.gov/> for more information.

Grade Point Average (GPA): The average of a student's grades, typically based on a four-point scale.

Honors: Certain courses are designated as honors courses because of the challenging nature of the curriculum.

Post-Secondary: This term means "after the completion of high school." It typically refers to any education a person receives beyond or after high school, including four-year colleges and universities and community colleges.

Prerequisite: A prerequisite is a required course that is to be completed before a student can take a course in question.

PSAT: An assessment developed by The College Board to determine college readiness. Students are assessed in the areas of critical reading, mathematics, and written expression in preparation for the SAT 1: Reasoning Test. The PSAT is offered once a year in October to any interested student for a nominal fee. Juniors taking the exam may qualify through their scores for the National Merit Scholarship program.

PSEO: An abbreviation that refers to "Postsecondary Enrollment Option", a program that allows high school students to earn college credit while still in high school through enrollment and successful completion of college-level courses. With traditional PSEO, these courses are generally offered on the campus of the postsecondary institution.

Resumé: A summary of a person's skills, activities and work experience often used when applying for a job.

SAT: A standardized, five-hour test developed by The College Board that measures verbal, mathematical reasoning and writing skills. Four-year colleges use a student's score on this test as part of the admissions evaluation for entrance.

Secondary: This term refers to middle and high schools.

Transcript: A record of your academic history.

DISTRICT 191

MIDDLE SCHOOLS

2017-18 Course Catalog

District **one91**

Future Ready. Community Strong.

Welcome

Welcome to the middle school section of the District 191 Secondary Schools Course Catalog.

The middle schools in District 191 — Eagle Ridge, John Metcalf and Joseph Nicollet — are eagerly anticipating working with your children. The middle school years are exciting and challenging times for our students and their parents. This guide is intended to provide information and allow families to plan for the coming school year and the years ahead.

If you have questions about the information and courses included, please contact your child’s school.

Middle School Leadership

- Don Leake, Eagle Ridge Principal
- Cherie Braspenick, Eagle Ridge Assoc. Principal
- Kelly Ronn, Metcalf Principal
- Bill Heim, Metcalf Assoc. Principal
- Renee Brandner, Nicollet Principal
- Rachel Hughes, Nicollet Assoc. Principal
- Jeff Marshall, Athletics/Activities Director



Don Leake,
Eagle Ridge



Kelly Ronn,
Metcalf



Renee Brandner,
Nicollet

Middle School Contacts

Eagle Ridge Middle School - 952-707-2800
www.isd191.org/eagleridge

John Metcalf Middle School - 952-707-2400
www.isd191.org/metcalf

Joseph Nicollet Middle School - 952-707-2600
www.isd191.org/nicollet

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Eagle Ridge, John Metcalf and Joseph Nicollet Middle Schools are a part of Burnsville-Eagan-Savage School District 191.



Future Ready. Community Strong.

www.isd191.org • 952-707-2000

Middle Schools in District 191

STEAM³ Middle Schools

Every middle school in District 191 is a **STEAM³** school with **Science, Technology, Engineering and Math**. Each school also has three **A**s for **Arts, AVID and Advanced Learning**.

The curriculum designed for our middle schools is interdisciplinary, project and inquiry-based, and is focused on key units of study aligned to national and state standards. The STEAM³ mindset is embedded in lessons and challenges students to reach their highest potential and reflect on the importance of STEAM³ as a foundation for high school, college and career success. Our STEAM³ middle schools prepare students for the workplace of the future which will expect employees to think critically, use creativity and apply skills to ever-evolving situations.

Full STEAM³ ahead

Science: Full year in grades 6, 7 and 8

Technology: All students in grades 6 & 7, elective in grade 8

Engineering: Project Lead the Way in grades 6 & 7, elective in grade 8

Arts, AVID and Advanced Learning in grades 6, 7 and 8

Mathematics full-year in grades 6, 7 and 8



Rigor, Opportunity, Community

All three middle schools offer similar programming and opportunities.

- Each student will be assigned to an interdisciplinary team of teachers.
- An eight-period day (plus advisory) will allow students the opportunity to explore more subjects and interests.
- Advisory will focus on college/career readiness, social and emotional learning standards, community building, and enhancing the relationships between students and teachers.
- Honors classes will be offered in 6th, 7th and 8th grade in core subject areas (literary arts, social studies and science).
- Math acceleration for qualified students is available in 6th, 7th and 8th grades.
- All students will have one period each day for reading instruction at their level with students at the same level.
- All students will participate for one period each day in enrichment, acceleration or intervention programming that we call Blaze Time.
- Expanded opportunities for elective and exploratory offerings.

One-to-One Chromebooks

Starting with the 2017-18 school year as part of Vision One91, all District 191 middle school students will be issued a Chromebook personal learning device. Please watch for information before the start of the 2017-18 school year regarding distribution and use. Read more about how Chromebooks are used by high school students at www.isd191.org/chromebook.

Para hablar con alguien en español sobre la información contenida en este catálogo de cursos, póngase en contacto con:

Eagle Ridge Middle School
Mary Lopez, 952-707-2866

Metcalf Middle School
Mary Lopex, 952-707-2421

Nicollet Middle School
Mary Lopez, 952-707-2609

Si'aad ula hadasho qof Somali ah xaga macluumaadka buugaga maadoyinka, fadlan lasoo xiriir:

Eagle Ridge Middle School
Sacdiyo Abdullahi, 612-490-3265

Metcalf Middle School
Axmad Kaahiye, 952-707-2414

Nicollet Middle School
Sahro Abdullahi, 952-707-3772

Overview

Programming

AVID College Readiness

All three District 191 middle schools offer AVID (Advancement Via Individual Determination), a college prep program designed to increase the number of students who enroll in four-year colleges. AVID serves all students by ensuring they acquire the organizational and study skills needed for them to be successful. Students learn academic strategies to develop critical thinking skills and ask probing questions.

AVID is available as an elective course for students in grades 6-8 at all middle schools. Use of AVID teaching methods, such as Cornell note-taking and group collaboration, takes place in all classes and creates a college-going culture across all schools, so that every student benefits from this renowned national program.

STEM

Our middle school model increases STEM (Science, Technology, Engineering & Math) programming. All students have exploratory classes focused on digital literacy in both 6th and 7th grade, as well as Project Lead the Way (PLTW) engineering courses in Design & Modeling and Automation & Robotics.

All students in 8th grade have elective opportunities in PLTW in Green Architecture with Energy in the Environment and Science of Technology & Magic of Electrons and as well as Digital Age and Computer Animation courses. STEM enrichment opportunities during Blaze Time are offered to interested students.

Gifted/Talented (GT)

Our middle school model provides Gifted/Talented enrichment programming at all three middle schools. GT programming uses the Honors/Enriched course model in Literary Arts, Social Studies, and Science and accelerated Math. During Blaze Time, GT enrichment opportunities in all core areas are offered to interested students. Students will need to meet certain academic criteria in order to register for these classes.

English Learner Programming

Students who qualify for English Learner (EL) services are serviced in pull-out, sheltered content or mainstream classes, as determined by their WIDA language proficiency level. Please discuss your child's placement in this program with your school's Guidance Counselor. Students who demonstrate an English language proficiency level of 5.0 overall and 4.0 or higher in each ACCESS domain (speaking, listening, reading, writing) are exited from formal English Learner services and served in the mainstream classroom setting.

Special Education Programming

Special Education Services are provided to eligible students with disabilities. Students can be eligible in one of 13 disability areas. The services are based on the results of an individual evaluation and documented in a student's Individual Education Program (IEP) plan. Services may include: specialized instruction in math, reading, written language, social skills, transition skills, and independent living and employment skills.

Additionally, students may require services in the areas of speech/language, occupational therapy, school social work, developmental adapted physical education, school nursing, physical therapy, orientation and mobility, sign language interpretation, instruction from a vision or deaf/hard of hearing teacher and/or teacher of the physically impaired.

Academic Information

GRADING SYSTEM

GRADE	1 CR
A	4.00
A-	3.7
B+	3.3
B	3.0
B-	2.7
C+	2.33
C	2.00
C-	1.7
D+	1.33
D	1.0
D-	.7
F	.00
NO CREDIT	.00
INCOMPLETE	.00
PASS/FAIL	.00

CALCULATING GRADE POINT AVERAGE (GPA):

Each grade received in a semester is assigned a numerical value (see above grading system). The sum of these numerical values is divided by the number of credits attempted in the semester to determine a GPA. A GPA is calculated for each student at the end of each semester.



Schedule for Success

All District 191 middle schools offer the same courses and have the same requirements for students during middle school.

Core Courses

The subject areas of communications, literary arts, math, science and social studies continue to be the core of our curriculum. All students are required to take these courses in grades 6-8.

Blaze Time (BT)

Blaze Time is a designed to support student academic success and enrichment for all students. Students will be scheduled for supplemental supports, enrichment, or acceleration during the school day in addition to their core class program (communications, math, literary arts, science, and social studies). Students may also have access to enrichment opportunities.

Advisory

Students have a daily advisory period (approximately 20 minutes) where they are provided an opportunity for academic check-in and social engagement. During this time students will participate in college and career readiness activities, set and monitor academic goals, engage in team building activities and receive support to navigate social and emotional situations.

Elective Opportunities

Middle school is a time when students are learning about themselves and their passions. Our eight-period day (plus advisory) gives them more opportunities to explore elective courses that interest them, including music, world languages, physical education, film & animation, AVID, Project Lead-the-Way and more.

Exploratory

In 6th and 7th grades, students will rotate through a series of four exploratory classes, taking one each quarter. The exploratory classes will include Project Lead the Way engineering, family & consumer sciences, art, computer technology and health.

Academic Information (cont.)

GPA RECOGNITION

Honor Roll: Numerical equivalencies are used to determine the "A" and "B" honor rolls for each semester. Students who have achieved an average of 3.600 to 4.000 will be listed on the "A" honor roll. Students who have achieved an average of 2.60 to 3.599 will be listed on the "B" honor roll. A student must be full-time at their middle school to be eligible for the honor roll.

ACADEMIC ELIGIBILITY (See Page 7 in BHS Section)

COURSE CANCELLATIONS

Courses may be canceled because of low enrollment or availability of a licensed teacher. Students are notified of course cancellations as early as possible. In some instances, it is necessary to reduce the number of sections of a course that is offered. In this case, seniors are given priority admission into a course where enrollment is limited.

NAVIANCE

Students and families have access to Naviance Family Connection, a tool to help students plan their coursework and prepare for post-high school. See more on Page 9 in the BHS Section.

Sample Course Schedule

Period*	Course/Subject
1	Literary Arts
2	Communications
3	Math
4	Blaze Time
ADVISORY	
LUNCH	
5	Science
6	Social Studies
7	Electives/PE
8	Electives/Exploratory

* about 45 min. each

SCHEDULE CHANGES

A schedule change must be made through a counselor. Reasons for making a schedule change include:

- A student has an incomplete schedule, and needs to add a course.
- A student doesn't meet the requirements for a course for which she or he is presently enrolled.
- A student needs to schedule/reschedule a required course for graduation.
- A student is recommended by her or his teacher to move from one level to another within the same discipline (i.e. regular Algebra II to Honors Algebra II or vice versa).
- The change is a recommendation on a student's IEP or 504 Plan.

TIPS FOR PARENTS

1. Review progress, credits, and test results (NWEA, MAP, MCA, Aspire).
2. Check specific requirements for your child's graduation year.
3. Develop a list of required courses.
4. Identify high priority courses and possible alternatives.
5. Research the requirements of your student's anticipated colleges.

English/Literary Arts

LITERARY ARTS 6

Course Number: 0611/0612

These courses will provide students a solid foundation in reading, writing, speaking, listening and viewing. Students will study the characteristics of various genres through reading and writing. Key texts include short stories, novels, non-fiction pieces and poetry. Writing assignments will focus on students writing well developed, single paragraphs with an emphasis on structure and supporting details.

HONORS LITERARY ARTS 6

Course Number: 0621/0622

The Honors Language Arts students in sixth grade will explore advanced and complex concepts within and beyond the Minnesota Academic Standards. The opportunity for deeper learning will be provided through higher level questioning, inquiry, and active exploration of the content. Real-world applications will require reflective thinking, reasoning, problem-solving, written communication, and insight.

LITERARY ARTS 7

Course Number: 0711/0712

These courses provide advanced reading, writing, media literacy, and English language instruction; deepens the habits and skills for critical thinking and analysis; and allows students to learn and expand research skills. Students will read, write, and evaluate a variety of genres and participate in literature discussions.

HONORS LITERARY ARTS 7

Course Number: 0721/0722

The Honors Language Arts students in seventh grade will explore advanced and complex concepts within and beyond the Minnesota Academic Standards. The opportunity for deeper learning will be provided through higher level questioning, inquiry, and active exploration of the content. Real-world applications will require reflective thinking, reasoning, problem-solving, written communication, and insight. Students will become more self-directed in their studies and be able to work across disciplines.

LITERARY ARTS 8

Course Number: 0811/0812

These courses provide advanced reading, writing, media literacy, and English language instruction. Focus will be on higher level questioning, inquiry, and reading and writing skills and strategies. Students will be exposed to various genres of reading and writing, such as suspense, short stories, nonfiction and poetry and prepare for state level standards and testing, including researching and narrative writing. Students will actively explore both fiction and nonfiction, and are expected to integrate their learning with other subject areas through research and application.

HONORS LITERARY ARTS 8

Course Number: 0821/0822

This course is designed for advanced students who need acceleration, depth, and complexity in the Language Arts. Focus will be on higher level questioning, inquiry, and reading and writing skills and strategies utilizing higher level materials and resources. Students will actively explore both fiction and non-fiction, and are expected to integrate their learning with other subject areas through research and application, and other Pre-AP strategies.

COMMUNICATIONS 6-8

Course Number: 0601/0602, 0701/0702, 0801/0802

All students grades 6-8

Students will learn to use specific critical thinking strategies to analyze literary and informational text resources. Students will develop metacognitive skills to process textual information. Students will be grouped with like ability peers, in their grade, and utilize leveled materials to improve each student's critical thinking skills.

Social Studies

SOCIAL STUDIES 6

Course Number: 1611/1612

Minnesota Studies

Minnesota Studies features history as the lead discipline; however, the focus includes geographic, economic, and civic understandings. Students study Minnesota history and its government, placing the state and its people within the context of the national story. They engage in historical inquiry and study events, issues, and individuals significant to Minnesota history. Additionally, students analyze how the state's physical features and location of resources affect settlement patterns and the growth of cities. Students will also analyze the influence of a market-based economy at the local and national levels. Overall, students will learn about the unique role Minnesota has played, and continues to play, in regional, national, and global politics.





HONORS SOCIAL STUDIES 6

Course Number: 1621/1622

Minnesota Studies

Honors Social Studies 6 is a deeper and more complex study of content and concepts in Minnesota History. Students study Minnesota history and its government, placing the state and its people within the context of the national story. They engage in historical inquiry and study events, issues, and individuals significant to Minnesota history. Heavy emphasis is placed on essay writing utilizing primary and secondary source information. Students must be both strong readers and strong writers to excel in this class.

SOCIAL STUDIES 7

Course Number: 1711/1712

US History

The primary emphasis in the course will be the study of American History as outlined by the Minnesota state standards in Social Studies utilizing debate, inquiry, role-playing and Socratic questioning, along with other techniques of differentiation for high level learning. Incorporated into the course will be a focus on the Constitution, federalism and other related concepts of American government.

HONORS SOCIAL STUDIES 7

Course Number: 1721/1722

US History

This rigorous class is a deeper and more complex study of content and concepts in American History and Government utilizing debate, inquiry, role-playing and Socratic questioning, along with other techniques of differentiation for high level learning. Students will examine and analyze a variety of texts, including primary source documents which are at college reading level. Heavy emphasis is placed on essay writing and students will learn the framework of how to craft a DBQ (document-based question) which is found on all AP exams. Students must be both strong readers and strong writers to excel in this class.

SOCIAL STUDIES 8

Course Number: 1811/1812

World Geography

Students will develop a global view of the world using physical and cultural geography as a focus of their explorations, discovering how people live and impact the earth and how the earth impacts people and their cultures. This class is taught with a regional approach using the Five Themes of Geography framework and encompassing the standards set forth by the Department of Education. Students will work individually and in groups to develop in-depth world investigative projects based on interest that will incorporate movies, textbooks, novels, computer-based research, and guest speakers. Current world events and issues will be analyzed through various media.

HONORS SOCIAL STUDIES 8

Course Number: 1821/1822

World Geography

The Honors Social Studies 8 curriculum involves all the skills and learning requirements of Social Studies 8 along with stressing skills in cartography, listening and note taking, writing for a variety of purposes and audiences, speaking, problem solving, analysis, and research. Using Pre-AP strategies, this course will introduce skills, concepts, and critical thinking to prepare students for future success in Advanced Placement courses and to become enlightened citizens of the world.

Math

MATH 6

Course Number: 2601/2602

In sixth grade math, students will focus on representing positive rational numbers in a variety of ways including fractions, decimals and percents, and compute fluently with each of these to solve real-world and mathematical problems. Students will explore mathematical situations using algebraic properties to solve problems. This exploration will include using function rules, graphs, tables, and equations. The course will also focus on calculations and relationships involving lengths, areas, and angles of geometric figures in mathematical problems.

PRE-ALGEBRA

Course Number: 2711/2712

Grade Level: 7 & Accelerated 6

This course is the foundation for algebraic concepts. Students will engage in an in-depth study of equations and expressions, similarity, proportional reasoning, integers, measures of center and data variability, and apply this learning to solve real-world mathematical problems. This course explores complex topics with a greater emphasis on algebraic concepts. This course prepares students to be mathematically literate, as well as prepare them for future math courses, the 7th grade MN Math Standards, and MN standardized math tests.



ALGEBRA I

Course Number: 2811/2812

Grade Level: 8 & Accelerated 7

In eighth grade Algebra, students will explore linear relationships and how they can be used to model real-world situations and solve problems. This exploration will include the use of tables, graphs, equations, and functions. Students will apply these tools to situations involving two distinct mathematical relationships. The meaning of equality will be emphasized and explored throughout the course as students learn how to solve equations in one and two variables. Students will also study slope, y-intercepts, linear inequalities, Pythagorean Theorem, and arithmetic sequences. Students will use algebra as a tool to model real-world situations and solve related problems. Emphasis will be placed on developing the skills to explain their reasoning in algebraic terms.

GEOMETRY A/B

Course Number: 2611/2622

Grade Level: Accelerated 8th Grade

Students will learn to read, interpret, represent, and use geometry to solve real-world problems. Coordinates and transformations, being critical to building and maintaining algebra skills and concepts, will be studied semester 1. Measurement and area, topics important to all students, will also be studied in the first semester. Proof, requiring geometry knowledge and experience, is built throughout the year. Study of areas and volumes in three dimensions, Pythagorean Theorem, coordinate geometry, similarity, logic, indirect reasoning, and right triangle trigonometry are all studied in the second semester.

Calculator required: Scientific Calculator (TI-84 or TI-84 Plus or TI-83 Graphing Calculator highly recommended)

Science

SCIENCE 6

Course Number: 3611/3612

Physical Science

Physical Science is a course that focuses on concepts in physics and chemistry. Students will learn and implement the scientific method as they explore and experiment. The study of matter focuses on states of matter, atoms, elements, compounds and mixtures. The study of waves is introduced through the investigation of light and sound. Lastly, students will study concepts of forces, motion and energy while spotlighting Newton's Laws of Motion.

HONORS SCIENCE 6

Course Number: 3621/3622

Physical Science

This course covers the same topics as the Science 6 course, with greater depth and choice for extended scientific study. Students will be given opportunities to enrich their learning by having greater choice in the process, product, and type of assessments. This course requires advanced math skills to accelerate basic content and provide for deeper application of concepts.

SCIENCE 7

Course Number: 3711/3712

Life Science

The seventh grade curriculum emphasizes concepts central to life science. Students use the tools of scientists including balances, microscopes, and thermometers, students will be given opportunities to enrich their learning by having greater choice in the process, product, or type of assessment. Students study the cell, the kingdoms of living things, human biology, genetics, and ecology.

HONORS SCIENCE 7

Course Number: 3721/3722

Life Science

This course covers the same topics as the Science 7 course, with greater depth and choice for extended scientific study. Students will be given opportunities to enrich their learning by having greater choice in the process, product, and type of assessments.

SCIENCE 8**Course Number:** 3811/3812

Earth Science

The earth science curriculum covers rocks and minerals, plate tectonics, the solar system, and weather. This course uses math and language skills in the exploration and understanding of core scientific concepts along with controlled experiments in a lab setting. This course includes middle level Minnesota earth science standards, as well as the Nature of Science and Engineering middle level standards.

HONORS SCIENCE 8**Course Number:** 3821/3822

Earth Science

This course covers the same topics as the Science 8 Earth Science course, with greater depth and choice for extended scientific study. Students will be given opportunities to enrich their learning by having greater choice in the process, product, and type of assessments. This course requires advanced math skills to accelerate basic content and provide for deeper application of concepts.

Advisory/Success**BLAZE TIME****Course Number:** 9601/9602, 9701/9702, 9801/9802**Grade Level:** All Students 6-8

Blaze Time is a course designed to support student academic success and enrichment for all students. Students will be scheduled for supplemental supports, enrichment, or acceleration during the school day in addition to their core class program (math, language arts, communications, science, and social studies). Students may also have access to enrichment activity opportunities as extensions to general curriculum.

ADVISORY PROGRAM**Course Number:** M260/M261, M270/M271, M280/M281**Grade Level:** All Students 6-8

Students have a daily advisory period (approximately 20 minutes) where they are provided an opportunity for academic check-in and social engagement. Students will be assigned an Advisor. During this time students will participate in college and career readiness activities, set and monitor academic goals, engage in team building activities and receive support to navigate social and emotional situations.



Pathway Electives

As students explore their interests in middle school, we encourage them to think about how those interests may grow in high school and eventually relate to their future college and career choices. Next to many of the Pathway Electives courses, you'll see icons that represent the Career Fields shown on Page 19 of this catalog. These courses dovetail into the high school Pathways shown on that page. We encourage parents and students to read more about BHS Pathways as they plan their middle school class schedule.



**Arts, Global
Communications
& Informations
Systems**



**Engineering,
Manufacturing &
Natural Resources**



**Business &
Entrepreneurship**



**Health Sciences &
Human Services**

Art

ART 6

Course Number: 5650

Notes: Required Exploratory

Focuses on the foundations of art (elements, principles, aesthetics, and art history) by creating 2-D and 3-D media possibly including, but not limited to: drawing, painting, printmaking, collage, multimedia, crafts, and sculpture. This studio class will provide hands-on experiences that will allow you to develop your production skills as you express your own ideas, thoughts, and feelings. Students will work to revise, evaluate, critique, discuss and present their work and the work of others.

ART AROUND THE WORLD

Course Number: 5750

Grade Level: 7

Notes: Elective

This semester exploratory art class will allow students to look at and learn about the many different styles of art from all around the world. In this course students will identify a variety of visual arts media and then use the creative process to make sense of the world around them. Perhaps they will take a closer look at the jade carvings from China or the hand stitched molas of Mexico. Wherever their art travels take them to, students are bound to enjoy this fun hands on look at the vast world of art.

ART EXTRAVAGANZA

Course Number: 5850

Grade Level: 8

Notes: Semester Elective

Do you love to draw or wish you could? Do you like working with clay? If you've said yes to either question, this is the class for you! Using the art elements of line, shape, form, value, and texture and following the principles of emphasis, proportion, repetition, rhythm, variety, unity, movement, balance, and contrast, you will discover your inner creativity. Gain confidence in your abilities each day as you see that realistic drawing is a skill to develop and that you can learn to "see" with the eyes of an artist. You'll explore the basics of drawing as you work from both real objects and photos. Later, learn to express yourself with clay by using the pinch, coil, and slab methods. See your 2-D renderings become fantastic 3-D forms! Painting and glazing will be included.

EXPLORING THE WORLD OF CLAY

Course Number: 5860

Grade Level: 8

Notes: Semester Elective

Students who love creating with their hands will find this class full of opportunities to 'think outside the box' while they study the art elements of texture, form, and space. Clay pottery and sculpture projects will evolve from such cultural influences as Native American pottery and from themes such as the human figure. Weaving with yarn, creating with wire and wood, plaster and papier mache may also be explored. Students will be expected to think, discuss, and write about art and design throughout the process of producing and creating it.

AVID

AVID ELECTIVE

Course Number: 6001/02, 7001/02, 8001/02

Grade Level: 6-8

Notes: Full-Year Elective

AVID is a college preparatory program designed to help those students in the academic middle succeed in rigorous higher level courses. It is a full-year elective class taken during the school day as part of a student's regular course load during Blaze Time (BT). AVID is in grades 6-12 focusing on writing, reading, organizational and study skills, learning styles, test taking strategies, career and college investigation, ACT/SAT preparation and community involvement. The focus of the AVID program is to help students not only get into college but succeed once they are there. It is a program that focuses students on their commitment to bettering themselves and the greater community; thus, creating a more global perspective

Drama

DRAMA 6

Course Number: 5680

Grade Level: 6

Notes: Elective

An introductory performance based class for students interested in learning dramatic literature through the stage and dramatic arts. We'll learn terms and skills and use this knowledge by performing on stage. Other lessons may include improvisation, dramatic interpretation of songs, stage make-up, and creating prompt books. If you like to perform, this class is for you. Grades are based on performances.



DRAMA 7

Course Number: 5780

Grade Level: 7

Notes: Elective

A performance based class for students interested in learning dramatic literature through the stage and dramatic arts. We'll learn theatrical terms and skills and use this knowledge by performing some short scenes, musical numbers and perhaps a short play. Other lessons will include improvisation, dramatic interpretation of songs, stage make-up, and creating prompt books. If you like to perform, this class is for you. Grades are based on performances. Memorization is required for many of the assignments.



CHOIR 7

Course Number: 5711/5712

Grade Level: 7

Notes: Elective

7th Grade Choir is an ensemble for students who have no choral experience and for those who want to build upon the skills they've learned in 6th grade choir. This fun elective will reinforce proper concert etiquette and rehearsal techniques, and will also incorporate choral skills including proper breath support, tone production, posture, movement and diction. 7th Grade Choir helps to build teamwork skills as students learn the techniques of vocal music and perform a wide variety of repertoire in required concerts. Attendance at performances outside of the school day is required of all members. 7th Grade Choir is a full year course.



Music

CHOIR 6

Course Number: 5611/5612

Grade Level: 6

Notes: Elective

6th Grade Choir is an ensemble for students who love to sing or want to learn about singing. This fun elective will teach proper concert etiquette and rehearsal techniques. 6th Grade Choir helps build teamwork skills as students learn the techniques of vocal music and perform a wide variety of repertoire in required concerts. Attendance at performances outside of the school day is required of all members. 6th Grade Choir is a full year course.



CHOIR 8

Course Number: 5811/5812

Grade Level: 8

Notes: Elective

8th Grade Choir is an ensemble for students who have no choral experience and for those who want to build upon the skills they've learned in 7th grade choir. We cover a wide variety of choral repertoire, and perform at several concerts during the year. The ultimate goal is to acquire enough musical knowledge to read and interpret music on sight with precision and expression, which can be accomplished given time, patience and practice. Learn correct breath support, tone production, music theory, posture, movement, diction, and performance etiquette. Attendance at performances outside of the school day is required of all members. 8th Grade Choir is a full year course.



Pathway Electives

BAND 6

Course Number: 5601/5602

Grade Level: 6

Notes: Elective

In 6th Grade Band, students will study a variety of musical literature. Beginning fundamentals of instrumental musicianship will be introduced and built upon, including instrument technique, posture, rhythmic skills, note reading, tone production and rehearsal techniques. Students will present two required evening concerts during the school year. Attendance at performances outside of the school day is required of all members, and some outside practice is required. This fun elective will help build teamwork skills as well as develop individual musicianship. Band is a full year course.



BAND 7

Course Number: 5701/5702

Grade Level: 7

Notes: Elective

In 7th Grade Concert Band, students will study a variety of musical literature. Reinforced fundamentals of instrumental musicianship will be emphasized, and students will be introduced to new musical concepts. Students will continue developing their note reading and rhythmic skills as well as focusing on tone production, instrumental and rehearsal technique. This fun elective will help build teamwork skills as well as develop individual musicianship. Attendance at performances outside of the school day is required of all members, and some outside practice is required. Band is a full year course.



BAND 8

Course Number: 5801/5802

Grade Level: 8

Notes: Full-Year Elective

8th grade band is a performance based course that offers students an opportunity to develop individual musical skills through performance in a large ensemble setting. Collaborating with other musicians, students will master more technical pieces, build confidence for performing on stage, and develop concentration and focus. The goal of the 8th Grade Band is to provide high quality opportunities for each individual student in performing, listening, and creating music. Through the development of an appreciation of music in the context of aesthetic education, it is the intent of the program to instill a lifelong love of music in each individual student. Attendance at performances outside of the school day is required of all members, and some outside practice is required. Band is a year-long elective. 8th Grade Band is a full year course.



ORCHESTRA 6

Course Number: 5641/5642

Grade Level: 6

Notes: Elective

In 6th Grade Orchestra, students will continue using the Sound Innovations book series in addition to learning new orchestral literature. Students will have multiple performance experiences throughout the year, and will focus more on ensemble musicianship to enhance the level of their performances. Note reading, rhythmic skills, tone production and bowing techniques will be refined and enhanced. Formative and summative assessments will be done to track yearly progress in 6th grade orchestra. If a student has not participated in orchestra prior to coming to middle school please contact the orchestra director so we can share suggestions for a successful experience in orchestra.



ORCHESTRA 7

Course Number: 5741/5742

Grade Level: 7

Notes: Elective; must have completed Orchestra 6

In 7th Grade Orchestra, students will continue using the Sound Innovations book series in addition to learning more challenging orchestral literature. Students will have multiple performance experiences throughout the year, and will have an introduction to more advanced techniques such as vibrato, spiccato and shifting. Tone production, bowing techniques and musical fluency will continue to be refined and enhanced. Formative and summative assessments will be done to track yearly progress in 7th grade orchestra. Prerequisite is 6th Grade Orchestra.



ORCHESTRA 8

Course Number: 5841/5842

Grade Level: 8

Notes: Full-Year Elective; must have completed Orchestra 7

In 8th Grade Orchestra, students will continue to refine individual and ensemble skills through a variety of musical literature, while developing more advanced techniques such as shifting and vibrato. Students will have multiple performance experiences each year. 8th grade string students will perform a solo or as part of an ensemble for added small group experience. Advanced techniques and musical fluency will continue to be refined and enhanced. Students will learn the historical and theoretical background of the music they are performing while developing critical listening skills. Formative and summative assessments will be done to track yearly progress in 8th grade orchestra. Prerequisite is 7th grade orchestra.



EXPLORING MUSIC**Course Number:** 5621/5622**Grade Level:** 6**Notes:** Elective

If you like music, but do not want to perform, this class is for you! We will learn about instruments of the orchestra, music history, and how your favorite music came to be so popular. Students will experience a wide variety of music, including music of their choice, through exploration and film. Students will develop music appreciation by aurally analyzing music elements of sound, harmony, melody, rhythm, form, and expression.

MUSIC IN OUR WORLD**Course Number:** 5721/5722**Grade Level:** 7**Notes:** Elective

This is a general music course for non-performing students. Students will explore a diverse range of musical topics, exposing them to musical styles and instruments from all over the world. Students will learn about music and its functions throughout history and its role in many of the world's cultures.

ADVENTURES IN AMERICAN MUSIC**Course Number:** 5821/5822**Grade Level:** 8**Notes:** Elective

The fusing of many world cultures in the United States has a unique and rich musical heritage. American phenomena such as jazz, marching bands, gospel, and blues will be studied in addition to the folk music and protest songs unique to U.S. history. Students will once again evaluate their own musical choices and gain an appreciation for the importance of respectful tolerance of the musical tastes of others.

Physical Education/Health**PHYSICAL EDUCATION 6****Course Number:** 4601/4602**Grade Level:** 6**Notes:** Required

In this course the students will enhance their own physical skills through regular physical activity. They will gain knowledge of their own personal fitness level, while developing positive personal and social behaviors in the physical activity settings. They will also learn the value of physical activity for a lifetime.

PERSONAL HEALTH AND WELLNESS**Course Number:** 4750**Grade Level:** 7**Notes:** Required Exploratory

In this health class, students learn about personal health and wellness. They explore topics such as the nine life skills, the five components of health and wellness, self awareness, the five components of fitness, communicable disease, drugs, alcohol and tobacco, refusal skills and sexuality.

PHYSICAL EDUCATION 7**Course Number:** 4701/4702**Grade Level:** 7**Notes:** Required

In this course the students continue to enhance their own physical skills through regular physical activity. They will grow their knowledge of their own personal fitness levels, while continuing to develop positive personal and social behaviors in the physical activity settings. They will also learn the value of physical activity for a lifetime.

FALL/WINTER SPORTS AND FITNESS**Course Number:** 4800**Grade Level:** 8**Notes:** Semester Elective

Choose this course if you want to play fall and winter sports. This course could include but will not be limited to the following activities: badminton, tennis, soccer, touch football, weight training, and volleyball.

SPRING/WINTER SPORTS AND FITNESS**Course Number:** 4810**Grade Level:** 8**Notes:** Semester Elective

Choose this course if you want to play spring and winter sports. This course could include but will not be limited to the following activities: badminton, tennis, soccer, softball, weight training, and baseball.



FACS

FACS 6

Course Number: 8650

Grade Level: 6

Notes: Required Exploratory

This course is designed to provide students with essential life skills, using classroom instruction as well as practical experiences in labs. Students will be introduced to topics in areas such as Foods and Nutrition, Consumerism and Career Readiness, Personal Development and Relationships, Family/Child Development, Clothing Care/Sewing, and Housing and Interior Design.

FACS 7

Course Number: 8750

Grade Level: 7

Notes: Required Exploratory

This course is designed to build upon prior learning through a deeper exploration into the nutrition and science behind the five food groups. It will provide students with essential life skills through classroom instruction as well as practical experiences in labs. Learning will include topics in areas such as Foods and Nutrition, Consumerism and Career Readiness, Personal Development and Relationships, Family/Child Development, Clothing Care/Sewing, and Housing and Interior Design.

STYLE: INTERIOR AND FASHION DESIGN

Course Number: 8800

Grade Level: 7

Notes: Semester Elective

If you like to design and be creative, this class is for you.

Students will complete hands-on projects related to interior design and fashion. Interior Design will include designing, decorating, and organizing spaces. Fashion Design includes clothing selection, wardrobe planning, personal grooming, and accessories. Develop your own style!



TEEN CUISINE (FOODS)

Course Number: 8810

Grade Level: 8

Notes: Semester Elective

This semester-long foods course is for students who like hands-on learning. Through lab experiences students will select, prepare and sample a variety of foods. Topics include: desserts, grains, fruits, vegetables, protein, dairy, snacks, and meal options. Emphasis will be on healthy eating and the appreciation for different types of food.

Business Ed./Computer

EXPLORATORY: MEDIA LITERACY

Course Number: 7600

Grade Level: 6

Notes: Required Exploratory

The Media Literacy class is committed to helping students learn keyboarding skills, become safe digital citizens, and explore a wide variety of digital resources while using critical thinking skills to creatively solve problems in all classes. Students will enhance their keyboarding skills, learn copyright rules, internet search protocols, computer ethics, how to utilize their school Google account and tools, and how to transfer back and forth between Microsoft Office products and Google productivity tools. Students will also explore the electronic resources available to them in District 191 (Schoolology, Synergy, document storage, etc.)



EXPLORATORY: DIGITAL KNOWLEDGE

Course Number: 7700

Grade Level: 7

Notes: Required Exploratory

The Digital Knowledge course is designed to provide students with practical hands-on computer technology experience using a variety of hardware, software programs and peripheral devices that you can use throughout the coming years. Students will improve keyboarding skills, learn to embed items into other work, make videos, study copyright laws, learn web design, computer animation, and programming, and investigate careers in these areas.



THE DIGITAL AGE

Course Number: 7800

Grade Level: 8

Notes: Semester Elective

Students will take a look at Business from the digital side. See how Businesses use technology to conduct day to day activities as well as interacting with their customers through social media, store technology and the internet. Specific topics of study include: Business Marketing-including web design, Photoshop, and social media coding; Sales-PowerPoint; Finance-Excel and check registers; Hospitality and Tourism-creating brochures; and Career Investigation.



FILM & ANIMATION

Course Number: 7810

Grade Level: 8

Notes: Semester Elective

This course will take students through the steps of creating a film or animated film. Students will take an idea to finished short film. Learn to use the equipment, software, and edit clips. Topics of study include: Production processes, Copyright, Equipment, Music, Flash animation, Adobe Photoshop, Adobe Premier, and Career Investigation.



Technology Education

PLTW: DESIGN AND MODELING

Course Number: 7650

Grade Level: 6

Notes: Required Exploratory

Students apply the design process to solve problems and understand the influence of creativity and innovation in their lives. They work in teams to design a playground and furniture, capturing research and ideas in their engineering notebooks. Using Autodesk® design software, students create a virtual image of their designs and produce a portfolio to showcase their innovative solutions.



PLTW: AUTOMATION AND ROBOTICS

Course Number: 7750

Grade Level: 7

Notes: Required Exploratory

Students trace the history, development, and influence of automation and robotics as they learn about mechanical systems, energy transfer, machine automation, and computer control systems. Students use the VEX Robotics® platform to design, build, and program real-world objects such as traffic lights, toll booths, and robotic arms.



PLTW: GREEN ARCHITECTURE/ENERGY AND THE ENVIRONMENT

Course Number: 7850

Grade Level: 8

Notes: Semester Elective

Green Architecture - Today's students have grown up in an age of "green" choices. In this unit, students learn how to apply this concept to the fields of architecture and construction by exploring dimensioning, measuring, and architectural sustainability as they design affordable housing units using Autodesk's® 3D architectural design software.

Energy & the Environment - Students are challenged to think big and toward the future as they explore sustainable solutions to our energy needs and investigate the impact of energy on our lives and the world. They design and model alternative energy sources and evaluate options for reducing energy consumption.



PLTW: MAGIC OF ELECTRONS/SCIENCE OF TECHNOLOGY

Course Number: 7860

Grade Level: 8

Notes: Semester Elective

Magic of Electrons - Welcome to Programming is Electric! We will explore the science of electricity, digital electronics and how they interact with computer programming. Students will develop electronic devices that will have to be programmed to solve a problem. We will acquire knowledge and skills in basic circuitry design and examine the logic behind computer programming.



Science of Technology - Science impacts the technology of yesterday, today, and the future. Students apply the concepts of physics, chemistry, and nanotechnology to STEM activities and projects, including making ice cream, cleaning up an oil spill, and discovering the properties of nanomaterials.

World Language

Students have multiple options for World Language study.

Eighth Grade option: Students begin Spanish 1 as an elective and can continue study in high school to a terminal course: College in the Schools (CIS) Spanish 5.

Ninth Grade Options: Students begin French 1 in ninth grade and can continue French study to a terminal course of CIS French 4; or students begin Spanish 1 in ninth grade and can continue Spanish study to a terminal course of Spanish 4.

See your counselor for more information.

SPANISH I A/B

Course Number: 6401/6412

Grade Level: 8

Notes: Semester Elective

Learning a new language is fun! The focus of the curriculum is communication, culture, and grammar. Material is reinforced through meaningful reading, writing, listening, and speaking activities in the Spanish language. Concepts are introduced and practiced by role playing, group projects, partner activities, and independent work.

Students who do not plan to take five years of a world language, are below grade level in reading and writing, and/or have struggled academically in seventh grade are encouraged to wait and begin their language study in 9th grade.

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AVID ELECTIVE	M10
BAND 6.....	M12
BAND 7.....	M12
BAND 8.....	M12
BLAZE TIME	M9
CHOIR 6.....	M11
CHOIR 7.....	M11
CHOIR 8.....	M11
COMMUNICATIONS 6-8.....	M6
DRAMA 6.....	M10
DRAMA 7.....	M11
EXPLORATORY: DIGITAL KNOWLEDGE	M14
EXPLORATORY: MEDIA LITERACY.....	M14
EXPLORING MUSIC.....	M13
EXPLORING THE WORLD OF CLAY	M10
FACS 6.....	M14
FACS 7.....	M14
FALL/WINTER SPORTS & FITNESS	M13
FILM & ANIMATION	M14
GEOMETRY A/B.....	M8
HONORS LITERARY ARTS 6	M6
HONORS LITERARY ARTS 7	M6
HONORS LITERARY ARTS 8	M6
HONORS SCIENCE 6.....	M8
HONORS SCIENCE 7	M8
HONORS SCIENCE 8.....	M9
HONORS SOCIAL STUDIES 6	M7
HONORS SOCIAL STUDIES 7	M7
HONORS SOCIAL STUDIES 8	M7
LITERARY ARTS 6.....	M6
LITERARY ARTS 7.....	M6
LITERARY ARTS 8.....	M6
MATH 6.....	M7
MUSIC IN OUR WORLD	M13
ORCHESTRA 6.....	M12
ORCHESTRA 7.....	M12
ORCHESTRA 8.....	M12
PERSONAL HEALTH & WELLNESS.....	M13
PHYSICAL EDUCATION 6	M13
PHYSICAL EDUCATION 7	M13
PLTW: AUTOMATION & ROBOTICS.....	M15
PLTW: DESIGN & MODELING.....	M15
PLTW: GREEN ARCHITECTURE/ENERGY & THE ENVIRONMENT	M15
PLTW: MAGIC OF ELECTRONS/SCIENCE OF TECHNOLOGY	M15
PRE-ALGEBRA.....	M7
SCIENCE 6	M8
SCIENCE 7	M8
SCIENCE 8	M9
SOCIAL STUDIES 6.....	M6
SOCIAL STUDIES 7.....	M7
SOCIAL STUDIES 8.....	M7
SPANISH I	M15
SPRING/WINTER SPORTS & FITNESS.....	M13
STYLE: INTERIOR & FASHION DESIGN.....	M14
TEEN CUISINE (FOODS).....	M14
THE DIGITAL AGE.....	M14



District **one91**

Future Ready. Community Strong.

District 191 Secondary Schools

Burnsville High School

600 E. Highway 13
Burnsville, MN 55337
952-707-2100
www.isd191.org/bhs

Burnsville Alternative High School

2140 Diffley Rd.
Eagan, MN 55122
952-707-4024
www.isd191.org/bahs

Eagle Ridge Middle School

13955 Glendale Rd.
Savage, MN 55378
952-707-2800
www.isd191.org/eagleridge

Metcalf Middle School

2250 Diffley Rd.
Burnsville, MN 55337
952-707-2400
www.isd191.org/metcalf

Nicollet Middle School

400 E 134th St.
Burnsville, MN 55337
952-707-2600
www.isd191.org/nicollet



ONE91
Burnsville · Eagan · Savage



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2017-2018

Secondary Course Catalog

Future Ready. Community Strong.

Why a pathway model?

Many reasons for the redesign

- Research
- Relevance: Connecting school to career opportunities
- Intentional high school planning
- College & Career Readiness
- Alignment with workforce needs
- Graduation with a plan
- Career Field, Career Pathway “branding”

College & Career Core Courses

The “College & Career Core” are courses that all students take to prepare them for college or a career. In many courses, there are advanced level options.



Language Arts
Mathematics
Physical Education/Health
Science
Social Studies

Career Field Framework



Career Pathway Section

A New Way to Organize Courses

[Course Catalog](#)



Grade	Architecture & Construction	Manufacturing	Engineering, Design & Technology	Engine & Automotive Technology
12		<ul style="list-style-type: none"> Advanced Placement Chemistry 		
11, 12	<ul style="list-style-type: none"> Engineering Design & Development 	<ul style="list-style-type: none"> Engineering Design & Development 	<ul style="list-style-type: none"> Engineering Design & Development 	<ul style="list-style-type: none"> Advanced Auto/Vehicle Services
10, 11, 12	<ul style="list-style-type: none"> Construction Trades 1 Construction Trades 2 Civil Engineering & Architecture Principals of Engineering 	<ul style="list-style-type: none"> Construction Trades 1 Construction Trades 2 Civil Engineering & Architecture Principals of Engineering Create-a-Skate (BAHS) 	<ul style="list-style-type: none"> Civil Engineering & Architecture Principals of Engineering Create-a-Skate (BAHS) 	<ul style="list-style-type: none"> Introduction to Consumer Auto Welding/Autobody Work & Refinishing
9, 10, 11, 12	<ul style="list-style-type: none"> Cabinet Making Fab Lab Introduction to Engineering Design Woodworking 	<ul style="list-style-type: none"> Cabinet Making Fab Lab Introduction to Engineering Design Woodworking 	<ul style="list-style-type: none"> Cabinet Making Fab Lab Introduction to Engineering Design Woodworking 	<ul style="list-style-type: none"> Engine Technology

Course Catalog Highlights

CTE

- Manufacturing Design & Fabrication (Fab Lab)
- Cooking in Motion and Foundation of Foods
- Advanced Chef & Hospitality Management

Language Arts

- Removal of Honors Media Literature and Honors American Literature
- Grade 10 InPrep courses on hold pending teacher credentialing discussions

Math

- Algebra II in grade 10

Social Studies

- CIS Sociology: An Interdisciplinary Look at the Family in Multicultural America

Realizing the Vision

