

Course Catalog Changes for 2025-2026

Course Catalog

Additions 2025-2026

ENGLISH 11 A & B

Course Number: 0521/0532

Grade Level: 11

Prerequisite: None

English 11 A & B is a year-long course designed to improve reading comprehension and writing skills for students. Students will study literature that reflects the cultural diversity in the United States, both historical and modern. Additionally, students will learn and practice a number of composition types over the course of the year. The writing will be a mix of personal, academic, and professional focusing on the writing process and grammar instruction. This course will prepare students for the Reading and English portions of the ACT.

PATHWAY INTERNSHIP B

Course Number: 8361

Grade Level: 11, 12

Prerequisite: Pathway Internship A (8350)

After completing the first semester of Pathway internship, this course will gain even more real-world experience, explore potential career paths and create professional networking contacts.

Changes 2025-2026

Yellow highlights are new and strikethroughs are deleted.

Change all the ELA electives from 11/12 to 12th grade only. 11th grade will be taking **ENGLISH 11 A & B**

Literature		Writing	
0884	American Portrait	0710	CIS Public Speaking
0791	Detective and Gothic Lit.	0840	CIS University Writing
0880	CIS Intro to Literature	0571	Composition, Intro
0891	The Film as Literature	0580	Composition Advanced
0820	Mythic Patterns	0800	Creative Writing
0631	Science Fiction & Fantasy	0611	Journalism
0671	Sports Literature	0830	Writing for STEM
0581	AP Literature & Comp. A	0592	AP Literature & Comp. B

DCTC COLLEGE ALGEBRA I A & B ~~INVER HILLS COLLEGE ALGEBRA I~~

Course Number: **DC1118/DC1119** ~~H1118~~ (Change name, number, & description)

Grade Level: 11, 12

Prerequisite: Successful completion of Functions and Trigonometry (2741/2742) or Honors Functions and Trigonometry (2743/2744)

~~Prepares students for Calculus I (MATH 1133) when taken in sequence with MATH 1119 or for Survey of Calculus (MATH 1120). Topics include the study of algebraic, exponential, and logarithmic functions; graphing functions using transformations; inverse functions; polynomial, exponential, logarithmic equations; systems of linear and non-linear equations; applied problems; building models from data. Use of technology will be embedded throughout the course. Recommendation based on the results of the Inver Hills Assessment Test or grade of C or higher in MATH 0940 within the last 2 years. Earn 4 college credits.~~

DCTC MATS1300 College Algebra: Linear, quadratic, polynomial, rational, exponential, logarithmic, and other functions are carefully analyzed, with particular emphasis on graphical transformations (shifting, reflecting, stretching and compressing). Additional topics include matrices and Gaussian elimination; solving complex equations, including those in quadratic form and those that must be solved graphically; variation problems; particle motion; optimization problems; composition and inverse functions; arithmetic and geometric sequences; properties of logarithms and exponential/logarithmic equations; exponential growth and decay. Prerequisite: MATS0700 or see course details in eServices for more prerequisite information. 4 College Credits.

UPCYCLING AND EMBELLISHING

(Change description)

Course Numbers: 8015

Grade Level: 9, 10, 11, 12

Prerequisite: None

Let's "upcycle" together, as we take something "old" and make it new again. Whether it's something you thrift or just something you want to improve upon, this hands-on class will teach you a variety of ways to design something new. You will learn and apply fabric knowledge, basic clothing construction, and alterations skills. While creating these projects you will also learn basic computer software for machine embroidery. One of our projects will include using an embroidery machine to add that special touch. Come create your own unique fashion and style.

~~Introduces the concepts of upcycling and embroidery/embellishment. Students will review/learn basic sewing techniques and basic garment construction. Technology will be explored for designing, placement and use of color. Students will learn in small groups to problem solve and provide feedback for possibilities. Students would be required to create a minimum of two upcycled projects.~~

CERAMICS I

(Change description)

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.

DIGITAL PHOTOGRAPHY AND MANIPULATION

(Change description)

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 industry software. **Adobe Creative Cloud.** ~~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.~~

GLOBAL ARTS AND JEWELRY I

(Change name & description)

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.~~ In this course you will engage in creative processes based upon cultural traditions from around the globe. You will learn a variety of design approaches as you create 2D and 3D artwork (including collage, sculpture, textiles, bead and jewelry making) that reflects your personal voice and identity. You are able to take all completed projects home.

GLOBAL ARTS AND JEWELRY II

(Change name & description)

Course Number: 5061

Grade Level: 9, 10, 11, 12

Prerequisite: ~~Global Arts and Jewelry I (5051)~~

In this course, you will build on the knowledge and skills learned in Global Arts I as you continue to explore global arts and artists. In addition, you will explore Art and Wellness practices and the field of Art Therapy. You will learn a variety of design approaches as you create 2D and 3D artwork (including collage, sculpture, textiles, bead and jewelry making) that reflects your personal voice and identity. ~~and Jewelry I 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.

VISUAL MEDIA AND DESIGN I

(Change description)

Course Number: 5091

Grade Level: 9, 10, 11, 12

Prerequisite: None

~~From apps and~~ Design 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 using Adobe Creative Cloud (the latest software). 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 your portfolio will be strongly encouraged and supported.

INDEPENDENT STUDY: FINE ARTS

(Change description)

Course Number: 5890

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. 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 postsecondary 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 will create a personal learning plan communicating your artistic intent as expressed through projects and processes.

INTRODUCTION TO CONSUMER AUTO

(Change grade)

Course Number: 7750

Grade Level: 9, 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 by learning how to complete more complex repairs.

~~AUTOMOTIVE TECHNOLOGY MLR-1~~ **AUTO TECH: ENGINE REPAIR AND AUTOMATIC TRANSMISSIONS**

(Change title, grade level, & description)

Course Number: 7710

Grade Level: 10, 11, 12

Prerequisite: None

This ~~MLR-1~~ course focuses on Safety, Engines, and Automatic transmissions Heating & Air Conditioning. This is a two-credit course that meets two periods daily. This course offers Articulated College Credits (ACC) for students earning a final grade of "B" or higher. This class is approximately 50% classroom theory and approximately 50% hands-on shop activities performing common diagnostic and repair activities.

This course meets the standards set by the ASE (Automotive Service Excellence) Education Foundation for the certification in Maintenance and Light Repair (MLR).

Upon completion of courses MLR 1 through MLR 4 students will be eligible to take the ASE MLR test. The Burnsville Automotive MLR courses are designed to help students prepare for Automotive Service Excellence (ASE) certification examinations G1 A4, A5, and A6. The MLR certification provides students the knowledge and skills necessary to enter the automotive repair industry quickly.

Automotive Tech courses can be taken in any order.

~~AUTOMOTIVE TECHNOLOGY MLR 2~~ AUTO TECH: MANUAL TRANSMISSIONS, SUSPENSIONS, & DRIVETRAINS

(Change title, grade level, & description)

Course Number: 7720

Grade Level: 10, 11, 12

Prerequisite: None

This MLR-2 course focuses on Safety, Engine Repair and Engine Performance **Manual Transmissions, Suspensions, and Drivetrains**. This is a two-credit course that meets two periods daily. ~~This course offers Articulated College Credits (ACC) for students earning a final grade of "B" or higher.~~ This class is approximately 50% classroom theory and approximately 50% hands-on shop activities performing common diagnostic and repair activities.

This course meets the standards set by the ASE (Automotive Service Excellence) Education Foundation for the certification in Maintenance and Light Repair (MLR). ~~Upon completion of courses MLR 1 through MLR 4 students will be eligible to take the ASE MLR test. The Burnsville Automotive MLR courses are designed to help students prepare for Automotive Service Excellence (ASE) certification examinations G1 A4, A5, and A6.~~ The MLR certification provides students the knowledge and skills necessary to enter the automotive repair industry quickly.

Automotive Tech courses can be taken in any order.

~~AUTOMOTIVE TECHNOLOGY MLR 3~~ AUTO TECH: BRAKES AND ELECTRICAL

(Change title, grade level, & description)

Course Number: 7730

Grade Level: 10, 11, 12

Prerequisite: None

This MLR-III course focuses on ~~Safety, Steering & Suspension and Manual Drive Train & Axles.~~ **Brakes and Electrical**. This is a two-credit course that meets two periods daily. ~~This course offers Articulated College Credits (ACC) for students earning a final grade of "B" or higher.~~ This class is approximately 50% classroom theory and approximately 50% hands-on shop activities performing common diagnostic and repair activities.

This course meets the standards set by the ASE (Automotive Service Excellence) Education Foundation for the certification in Maintenance and Light Repair (MLR). ~~Upon completion of courses MLR 1 through MLR 4 students will be eligible to take the ASE MLR test. The Burnsville Automotive MLR courses are designed to help students prepare for Automotive Service Excellence (ASE) certification examinations G1 A4, A5, and A6.~~ The MLR certification provides students the knowledge and skills necessary to enter the automotive repair industry quickly.

Automotive Tech courses can be taken in any order.

AUTOMOTIVE TECHNOLOGY MLR 4 AUTO TECH: HVAC AND ENGINE PERFORMANCE (Change title, grade level, & description)

Course Number: 7740

Grade Level: 10, 11, 12

Prerequisite: None

This ~~MLR IV~~ course focuses on Safety, HVAC (Heating Ventilation, and Air Conditioning), and E Electrical/Electronic Systems, and Automatic Transmission. This is a two-credit course that meets two periods daily. This course offers Articulated College Credits (ACC) for students earning a final grade of "B" or higher. This class is approximately 50% classroom theory and approximately 50% hands-on shop activities performing common diagnostic and repair activities.

This course meets the standards set by the ASE (Automotive Service Excellence) Education Foundation for the certification in Maintenance and Light Repair (MLR). ~~Upon completion of courses MLR 1 through MLR 4 students will be eligible to take the ASE MLR test. The Burnsville Automotive MLR courses are designed to help students prepare for Automotive Service Excellence (ASE) certification examinations G1 A4, A5, and A6.~~ The MLR certification provides students the knowledge and skills necessary to enter the automotive repair industry quickly.

Automotive Tech courses can be taken in any order.

SPANISH II: A & B (Change prerequisite)

Course Number: 6441/6452

Grade Level: 9, 10, 11, 12

Prerequisite: Successful completion of Spanish I (6401/6412). ~~A grade of C or higher is highly recommended~~ A minimum of 60% in the previous course is required, however, a grade of C or higher is highly recommended.

Change to for both A and B:

SPANISH III: A & B (Change prerequisite)

Course Number: 6481/6492

Grade Level: 10, 11, 12

Prerequisite: Successful completion of Spanish II (6441/6452). ~~A grade of C or higher is highly recommended.~~ A minimum of 60% is required, however, a grade of C or higher is highly recommended.

Change to for both A and B:

SPANISH IV: A & B

(Change prerequisite)

Course Number: 6521/6532

Grade Level: 11, 12

Prerequisite: Successful completion of Spanish III (6481/6492). ~~A grade of C or higher is highly recommended.~~ A minimum of 60% is required, however, a grade of C or higher is highly recommended.

Change to for both A and B:

FRENCH II: A & B

(Change prerequisite)

Course Number: 6041/6052

Grade Level: 9, 10, 11, 12

Prerequisite: Successful completion of French I (6001/6012). ~~A grade of C or higher is highly recommended.~~ A minimum of 60% is required, however, a grade of C or higher is highly recommended.

The French II curriculum focuses on improving and expanding speaking, reading, writing and listening skills acquired in French I. 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

(Change prerequisite)

Course Number: 6081/6092

Grade Level 10, 11, 12

Prerequisite: Successful completion of French II(6041/6052). ~~A grade of C or higher is highly recommended.~~ A minimum of 60% is required, however, 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.

BAKING AND PASTRY

(Add prerequisite & change grade)

Course Number: 8035

Grade Level: ~~9~~, 10, 11, 12

Prerequisite: ~~None~~ **Successful completion of Foundations of Food (8041)**

In introduction to Baking and Pastry, students will learn the fundamentals of bakery production. Students will move from following standardized recipes to developing their own prototypes. Topics will include yeast breads, cookies, cakes, pies, plated desserts, sauces, and custards. Attention to detail and a willingness to practice and reattempt tasks is required. As part of this class, students will be required to work at two on-campus events in the commercial kitchen. In introduction to Baking and Pastry, students will learn the fundamentals of bakery production. Students will move from following standardized recipes to developing their own prototypes. Topics will include yeast breads, cookies, cakes, pies, plated desserts, sauces, and custards. Attention to detail and a willingness to practice and reattempt tasks is required. As part of this class, students will be required to work at two on-campus events in the commercial kitchen.

FASHION DESIGN 1

(Change description)

Course Number: 8021

Grade Level: 9, 10, 11, 12

Prerequisite: None

Are you interested in the world of fashion? The Fashion Design **1** course focuses on the creative side of the fashion industry. In this course, you will explore the history of fashion, fashion around the world, apply the elements and principles of design, and ~~use your knowledge and skills to express a personal artistic statement that reflects creative choices~~ **practice fashion sketching and design.** You will **also** be involved in fashion sketching and design, and learn basic machine sewing applications with the creation of **an apron and** tote bag. ~~and cross-stitching project.~~

FASHION DESIGN 2

(Change description)

Course Number: 8025

Grade Level: 10, 11, 12

Prerequisite: Fashion Design (8021)

This course is designed as an advanced course to help **you** students further develop **your** ~~their~~ personal and career interests in the area of fashion design. **Can you imagine creating your own shirt or dress, and a skirt or pants? YOU will use sewing techniques in order to sew these things in this class! You** ~~They~~ will use the building blocks of design theory

discussed in Fashion Design as a foundation for **the projects that we complete**. **You will also be exploring advanced fashion sketching**. ~~Projects may include: advanced fashion sketching, upcycled projects, and machine-sewing projects.~~

HOUSING AND INTERIOR DESIGN II

(Change description)

Course Number: 8075

Grade Level: 10, 11, 12

Prerequisite: Housing and Interior Design (8071)

This course is designed as an advanced course to help **you** ~~students~~ further develop **your** ~~their~~ personal and career interests in the area of housing and interior design. ~~Students~~ **You** will have the opportunity to create individualized projects based on **your** ~~their~~ interests by following the design process. **You** ~~They~~ will use the building blocks of design theory discussed in Housing and Interior Design **I** as a foundation for projects. Projects may include: upcycled projects, diy projects, decorating and furnishing a model home, floor plans, and landscape designs.

ADVANCED PLACEMENT/CIS AMERICAN HISTORY: A & B

Course Number: 1561/1572

(Change description)

Grade Level: 11, 12

Prerequisite: None

Advanced Placement American History A is a survey of American History from **Indigenous Americans** ~~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. Note: There is required summer reading.

PATHWAY INTERNSHIP A & B

(Remove all the letters A/B/C/D/E/F/G/H for each course)

Course Number: 8350~~A/B/C/D/E/F/G/H~~ 8350/8361

Grade Level: 11, 12

Prerequisite: Instructor Approval, Minimum two classes in pathway

We are encouraging students to complete internships in their junior and/or senior years as a way to gain real-world experience, explore potential career paths and learn basic workplace skills

ENTREPRENEURSHIP

(Remove prerequisite)

Course Number: 7185

Grade Level: 10, 11, 12

Prerequisite: ~~Intro to Marketing and Business (7151)~~ **None**

Recommend: Multimedia (7070)

Are you thinking you'd like to be your own boss someday? Entrepreneurship provides students an opportunity to develop knowledge for starting, operating and succeeding in small business. Students will investigate the entire business development process and will develop their decision making skills. Project will allow students ideas, skills, and creativity to come to life.

INTRODUCTION TO BUSINESS AND MARKETING (Change description)

Course Number: 7151

Grade Level: 9, 10, 11, 12

Prerequisite: None

In this introductory course, you will examine the foundations and functions of business. ~~Topics covered include finance, economics, marketing, and management.~~ **Topics covered include investing, resumes, business basics, economics, sales, marketing, and ethics.** This course provides a broad overview of topics that you may take in high school and beyond. You are encouraged to participate in DECA, an internationally recognized organization, as a way to enrich course content and personal development.

INTRODUCTION TO PROGRAMMING

(Change description)

Course Number: 2500

Grade Level: 9, 10, 11, 12

Prerequisite: None

This is an introductory Computer Science class where students will be making many interactive animations, games, and art as you learn basic programming concepts like events, loops, conditionals, operators, and ~~variables using Scratch (a drag-and-drop, block-based~~ **various** programming languages. The class will also give a brief sampling of other courses/topics, which may include computer hardware, HTML and web design, other programming languages like Python and Java, mobile app development, and robotics.

FRESHMAN CHOIR **VOCAL SPARKS: A & B** (Change Name & Course ID)

Course Number: ~~5604/5602~~ 5604/5615

Grade Level: 9

Prerequisite: None

Vocal Sparks ~~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 **Vocal Sparks** ~~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.

Delete 2025-2026

There are no planned deletions for the 2025-2026 course catalog.

Put on Hold for 2025-2026

(We are waiting for confirmation or they are not currently being offered for the 2025-2026 school year.)

SENIOR ARTIST: DRAWING AND PAINTING

Course Number: 5110 (Replace with Independent Study: Fine Arts)

Grade Level: 12

Prerequisite: Drawing and Painting III (5041)

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.

SENIOR ARTIST: CERAMICS

Course Number: 5150 (Replace with Independent Study: Fine Arts)

Grade Level: 12

Prerequisite: Successful completion of Ceramics III (5140)

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.

ADVANCED PLACEMENT COMPUTER SCIENCE A & B

(AP Board has not released this yet)

Course Number: 2551/2562

Grade Level: 10, 11, 12

Prerequisite: Programming 1 (2515) or Instructor approval

This is a year-long course in Java designed to prepare students to take the AP Computer Science A Exam in May. This 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 to write logically, structured computer programs based on an object oriented design.

ADVANCED PLACEMENT BUSINESS A & B

(AP Board has not released this yet)

Course Number: 7145/7146

Grade Level: 11,12

Prerequisite: Two business classes

The year-long AP Business course is designed to introduce you to the many areas of Business. You will be exposed to business principles, marketing, promotion, pricing, merchandising, management, entrepreneurship and supply chain . The ultimate goal of this course is to provide you with an understanding of the main concepts of business

AMERICAN PORTRAIT

(Change grade, Not offering for 12th grade this year.)

Course Number: 0881

Grade Level: ~~11~~, 12

Prerequisite: None

In this course students will explore the changing American identity by reading a variety of authors that reflect cultural diversity within the United States. Students will examine both historical and modern American perspectives.