

## **INTRODUCTION:**

This registration manual is designed for use by students, parents, and teachers. It contains information about course offerings, graduation requirements, and registration procedures. It has been prepared by the senior high staff with the following purposes in mind:

1. To give students an organized summary of courses offered at Albany Area High School,
2. To assist them in the very important process of registration and,
3. To familiarize parents with the classes their students have available to them.

This catalog will help students build a program that is consistent with their goals, interests, and abilities. It should be read carefully, and then counselors, teachers and parents should be consulted before any final decisions are made. Students must know the graduation requirements of the school and understand the general requirements of post-secondary institutions they may be attending.

Students will be preregistering in late January for the upcoming school year. They should be fairly certain of what electives they want to take because the master schedule will be built based on the preregistration requests. Classes will not be offered if a sufficient number of students have not registered for it. Changes will only be made after all students have registered and as determined necessary by the principal or counselors.

We sincerely hope parents will take the time to become involved in this registration process. We welcome the opportunity to answer any questions about subjects offered or about the registration process. Please call the offices of the individuals listed below.

Tim Wege, Jr/Sr High Principal 845-2171 x 5307  
Paul Conrad Jr/Sr High Asst. Principal 845-2171 x 5305  
Jessica Savolainen, Counselor (A-K) 845-2171 x 5302  
Amy Olson, Counselor (L-Z) 845-2171 x 5311

## **Registration**

Please read carefully the requirements of the particular grade level you will be entering in the upcoming year. The school board has authorized all of the elective courses listed in this booklet to be "offered." This means that a sufficient number of students must register for the class before it will be actually taught. If a course you select is not taught because of insufficient numbers, your alternate selections will be substituted.

## **Distance Learning**

Nine schools: Albany, Melrose, Sauk Centre, Osakis, Alexandria, Minnewaska, Brandon, Evansville, and Parkers Prairie have entered into an agreement to work together to provide students with exceptional learning opportunities. Distance learning classes will take place in our Distance Learning Lab equipped with HD Monitors, HD cameras, and high quality sound systems.

The Distance Learning Lab allows Albany HS to offer classes which traditionally only have a few students in them. Class sizes fluctuate and are limited based on a number of criteria: the size of the lab, the availability of seats from the host school. If there is a greater number of students than can fit on the system, preference will be given by seniority and grade point average.

Distance Learning allows us to expand our curriculum in a fiscally reasonable manner, but it may not be the best option for every student. Students and parents are encouraged to look closely at the classes offered on the system. They must also determine if this method of delivery will suit them and allow them to succeed in the class.

Students who register for a Distance Learning class must be certain that they want the class, because we will be billed for all slots requested. A student who drops after the April 1st deadline will be billed for the cost of the class.

### **Post-Secondary Options Program:**

The 1985 Minnesota Legislature adopted a program called Post-Secondary Enrollment Options Act, which enables Juniors and Seniors in public schools to enroll in courses or programs at eligible post-secondary institutions. The purpose of the legislation is to promote rigorous educational pursuits and to provide a wider variety of options to high school students.

School districts will grant academic credit to a pupil enrolled in a course or program if that pupil successfully completes the course or program attempted. The credits will be counted toward graduation requirements.

Local institutions which our students have utilized for this program have been: St. Cloud State University and St. Cloud Technical College. Students may wish to contact admissions personnel at these institutions or any other institution for additional information.

The policies and procedures for post-secondary enrollment at Albany Area Senior High School are as follows:

1) Information will be provided to eligible students. Counseling will not be a routine part of our service but will be provided upon request, 2) The master schedule of classes and the school year calendar may restrict access to the program, especially second semester and 3) Final acceptance into the program will be determined by the post-secondary institution. If you desire more information about PSEO you may call the Enrollment options hot line at 1-800-657-3990. Be advised that a student who chooses to participate in PSEO will work with that institution alone on grading and credits for those courses. It is the students' responsibility to make sure the courses they are taking will meet AHS diploma requirements. It will also be the students' responsibility to keep current on information from the school through the daily announcements.

### **Four College Entrance Requirements:**

The requirements for entrance to college may be more demanding than the Albany Area Senior High School requirements for graduation, depending upon the college and the course of study which the student expects to follow. Areas of concern often include:

1. Even though AHS requires four credits in English, students frequently find grammar, vocabulary and writing skills to be their major weakness in college. Therefore, students with even a remote possibility of attending college are urged to consider taking rigorous English courses to be prepared.

2. World Language is recommended for all students planning to attend a four year college since many colleges and universities require one to two years of a consecutive or same foreign language for admission. If a college does not require it for admission, they may require credits in world language for completion of some degree programs.

3. Mathematics - Algebra, Geometry, Algebra II, and Algebra III are considered minimum general college preparation. For students attending a four year college, it is recommended that you take math all four years of high school. Pre- Calculus and Calculus are strongly encouraged.

4. Science - You can expect to be starting behind most college freshmen if you have not had Chemistry and possibly even Physics in high school. Students are urged to check carefully with the catalog of the

colleges they may be interested in attending so their high school program may be planned to include subjects which the colleges require for admission or in order to pursue desired major or minor degrees.

### **Graduation Requirements**

Students at Albany Area High School are required to have 30 credits in order to graduate. Students have the opportunity to pick up 32 credits in their four years of high school. Credits are accumulated in grades 9-12 and included in those credits must be:

1. Four credits of English,
  2. Four credits of Social Studies,
  3. Three credits of Mathematics,
  4. Three credits of Science,
  5. One credit of Physical Education, (PE 9 and an elective PE),
  6. One credit of fine Arts,
  7. One-half credit in each of the following: Health, Beginning Speech, Technology Education 9 or Family and Consumer Science 9, Keyboarding (unless successfully completed in Junior High School), 9th grade career planning and,
  8. Twelve elective credits. (Eleven and one half if keyboarding is needed)
9. In addition to the required and elective credits students must demonstrate minimum competencies prescribed by the Department of Education through the Minnesota Comprehensive Assessments.

### **Subject Load**

All students will be required to take four classes each Quarter. (Each Class is worth 1/2 credit.)

### **Drop/Add Policy**

The purpose of this policy is to deal consistently with course drop and add requests. Change in registration is discouraged but may happen in situations that warrant it. We recognize the need for students to drop an elective course when it is found that; 1) the class does not meet the students' career goals, 2) the student's abilities do not match those required for the course, or 3) the teacher, counselor, principal and parent determine such action is in the best interest of the student.

All schedule changes must be made before the start of each quarter, and a required schedule change form must be filled out.

### **BLOCK SCHEDULE**

Albany Area High School operates under an 85 minute block schedule. Students will register for four classes each quarter. A class that lasts nine weeks or one quarter will be worth one-half (1/2) credit.

### **DISCLAIMER:**

CIRCUMSTANCES MAY REQUIRE CHANGES IN COURSE OFFERINGS, COURSE CONTENT OR SCHOOL REGULATIONS ANNOUNCED IN THIS REGISTRATION GUIDE.

## **TECH PREP “A CHOICE FOR YOUR FUTURE”**

With the advancements of technology, many jobs do not require a four-year college degree. However, most require one or two years training beyond the high school level. Two year colleges offer many diploma and degree programs that can help you prepare for the workplaces of the future.

### **WHAT IS TECH PREP?**

Tech Prep is a link between high school and two-year college programs. Tech Prep will provide you with recommendations for math, science and communication courses, as well as courses in your specific occupation area of interest. High school and college instructors work together to create smooth pathways for students moving into technical college education.

### **WHAT CAN TECH PREP DO FOR ME?**

Tech Prep can help you prepare for post-secondary education and the world of work. Some high school Tech Prep courses will allow you to earn advanced standing (college credits) at St. Cloud Technical College and other technical colleges. Other courses will help you to be sure that you're ready to succeed at the college level in academic areas. Tech Prep gives you a head start! Tech Prep certificates mean that you can save time and money!

### **CAN I GET COLLEGE CREDIT FOR SOME COURSES?**

Yes!! If you successfully complete courses that are identified in your registration handbook, you will be eligible to receive a Tech Prep certificate. That certificate will allow you to receive credit for a similar course at St. Cloud Technical College.

*NOTE: Student data is collected for the purpose of issuing Tech Prep College Credit certificates and used by secondary and post-secondary for reporting program effectiveness. Any public reports are in aggregate form and protect student identity.*

### **HOW MUCH WILL THIS COST?**

NOTHING! Tech Prep courses are free, just like the rest of your high school courses. Our high school has a special partnership agreement with St. Cloud Technical College to offer this opportunity.

### **WHAT COURSES APPLY FOR TECH PREP CREDIT?**

The courses that apply for certification and the programs that require these courses are listed below with the AHS equivalent also explained.

**MICROSOFT OFFICE:** SCTC EQUIVALENT KEYBOARDING/ WORD-PROCESSING 1202 AND MICROSOFT SOFTWARE 1200 (3 credits)

Required for: Accounting - AAS degree (72 credits) Accounting (66 credits)

Accounting Microcomputer Specialist (48 credits) Receptionist (23 credits)

Clerk Typist/Office Assistant (26 credit) Office Technology Assistant (32 credits)

Administrative Secretary - AAS (64 credits) Accounting Clerk (34 credits)

**INTRO TO MARKETING ESSENTIALS:** SCTC EQUIVALENT - PRIN. OF MARKETING SAMG 1200 (3 credits )

Required for: Sales & Management - AAS degree (69 cr.) or diploma (64 cr.) and Sales & Management Associate (35 cr.)

**ARCHITECTURAL DRAFTING WITH CAD:** SCTC EQUIVALENT - BLUEPRINT I (2 credits)

Required for: Building Construction Drafting and Estimating - AAS degree (72 cr.) or diploma (64 cr.)

**ENGINEERING DESIGN AND DRAFTING WITH CAD** - SCTC EQUIVALENT - MACHINE TOOL BLUEPRINT READING

**INTRO TO WOODWORKING TECHNOLOGY:** SCTC EQUIVALENT - CONSTRUCTION TOOLS 1815 AND CARPENTER TOOLS 1506 (3 credits)

Required For: Carpentry AAS degree (70 cr.) or Diploma (64 cr.), Masonry Apprentice (25 cr.), Cabinetmaker Apprentice (28 cr.), and Residential Finisher Assistant (28 cr.)

**BASIC ELECTRICITY I AND II:** SCTC EQUIVALENT - AC/DC ELECTRICITY ETEC 1910 (3 cr.)

Required For: Instrumentation Technology - AAS degree (66 credits) or diploma (64 credits)

**ACCOUNTING I AND II:** SCTC EQUIVALENT - ACCOUNTING 1 CRFN 1200 / PRINCIPLES OF ACCOUNTING ACCT 1215 (4 credits)

Required For: Accountant AAS (72 cr.) or diploma (66 cr.), Accountant Microcomputer Specialist (48 cr.), Accounting Clerk (34 cr.), Administrative Secretary AAS degree (64 cr.), Computer Programmer AAS degree (72 cr.) or diploma (61 cr.), and Microcomputer Programmer AAS degree (72 cr.) or diploma (61 cr.) at St. Cloud Technical College.

**PERSONAL FINANCE :** SCTC EQUIVALENT - PERSONAL MONEY MANAGEMENT CRFN 1200 (3 cr.)

Required For: Credit and Finance AAS degree (66 cr.) or diploma (64 cr.) program at SCTC.

**BUSINESS LAW:** SCTC EQUIVALENT - LAW BUSM 1275

**CONSTRUCTION TECHNOLOGY:** SCTC EQUIV- CARPENTER HAND TOOLS 1506 (3 Cr.)

Required For: Carpentry AAS Degree (70 credits) or Diploma (64 credits), Masonry (25cr.)Cabinetmakers Apprentice (28 Cr.), and Residential Finisher Assistant (28 cr.)

**CHILD DEVELOPMENT:** SCTC EQUIVALENT - PROFESSIONAL RELATIONS IN CHILD & ADULT CARE AND EDUCATION 1200 (1 of 3 Credits) FOUNDATIONS OF DEVELOPMENT (1 of 3 cr.) \*When combined with Child Development will count for 3 of 3 cr.

Required For : Child and Adult Care AAS (62 credits) and Diploma (33 credits)

**CONSUMER FOODS:** SCTC EQUIVALENT - BASIC BAKING (1 of 4 cr.) INTRO TO CULINARY ARTS (1 of 4 cr.)

**NUTRITION:** SCTC EQUIVALENT - SAFETY, HEALTH, AND NUTRITION (1 of 3 cr.)

**FAMILY LIVING:** SCTC EQUIVALENT - FOUNDATIONS OF DEVELOPMENT (1 of 3 cr.)

FOUNDATION OF DEVELOPMENT (1 of 3 cr.) \*When combined with Child Development will count for 3 of 3 cr.

**INTRO TO METALWORKING TECHNOLOGY** - SCTC EQUIVALENT - WELDING FOR LEISURE AND WORK

**WELDING AND FABRICATION TECHNOLOGY:** SCTC equivalent - Oxy fuel Welding & Brazing 1514, 1518 required for welding diploma (37cr)

**APPLIED COMMUNICATIONS 11 AND 12:** AHS Course

This course does not qualify at this time for Technical College Credit, but it was written into the curriculum specifically for students who are not bound for four year college but rather who are interested in a Technical College Degree.

Additionally many technical college programs require advanced math and good communication skills. Check with your counselor for requirements of specific programs.

### **PROGRAMS OF STUDY**

Albany High School wants to make sure that students have the necessary information while registering to take courses pertinent to their future goals. The Programs of Study pathways is a tool used to help with decisions on which courses a student should register for success. Please visit

<http://greatriver.mnpos.com/index.php?h=9>

to see recommended course sequences at they relate to occupations. *This website is currently being built and all information may not be available yet, but we hope it will help make the registration process easier for parents and students.*

### **TEST OUT / ASSESS OUT OPTION**

Under state law, students are provided the opportunity to demonstrate their knowledge in a particular subject without taking the course. Students who wish to “test-out” of a course must complete the “Request to Test Out” form from the counseling office. Please see a school staff member for more information.

# **AGRICULTURE**

**Shop Safety:** Students taking hands-on classes in Agriculture are hereby informed that they will be required to follow the shop rules set up by the instructor. This includes, but is not limited to, the following: students will wear safety glasses for eye protection at all times while working in the shop area or while working with chemicals, students will follow the rules for machine-tool operation as specified by the instructor, students will pass the machine-tool and shop safety test before being allowed to operate machine-tools in the shop or before working in the shop areas. Students who do not follow the rules established for working in shop areas will be excluded from the privilege of working in the shop areas until they indicate a willingness to follow the rules. The safety of all students working in the shop absolutely requires all students to follow safety rules.

### **#1 SEMINAR IN AG. RELATED OPPORTUNITIES I: 1/2 credit, Elective for grade 9.**

Agriculture is both an art and a science. As an art, it is all of the skills required in the production of food, fiber, and other production useful to man. As a science, it consists of a working knowledge of the different laws of nature, and their cause and effect. The student enrolled in Seminar will be introduced to the areas of dairy, swine, and beef production. Other areas of study will include natural resources, areas of occupational opportunities, FFA and its activities.

### **#3 NATURAL RESOURCES AND ANIMAL SCIENCE: 1/2 credit, Elective for gr. 10-12**

Today’s livestock production is more than raising domesticated animals. The era of land stewardship has begun. This course will include instruction and discussion on how to properly and economically raise domesticated animals, big and small, for entertainment and for profit. This course will also teach about the social and economic obligations we have to our natural resources. Emphasis will be placed on everything from production agriculture to leisure activities and their impact on the environment. Laboratory activities will include water testing and other hands on activities.

#### **#4 ORNAMENTAL HORTICULTURE: 1/2 credit, Elective Grades 10-12**

The Ornamental Horticulture course will help the student obtain practical knowledge of Horticulture to enhance current interest in beautifying and landscaping yards, public areas, and industrial sights. The course will include instruction in choosing suitable plants for different occasions and locations. Laboratory procedures will concentrate on soil preparation, bedding plants, ornamental arrangements, plant and tree identification, pruning, pest control and proper equipment maintenance.

#### **#5 SHOP MAINTENANCE AND WELDING I: 1/2 credit, Elective 10-12.**

Students will be introduced to the shop and learn shop safety, tool identification and proper care and operation of all power tools. They will develop knowledge and skill in using basic hand woodworking tools, power woodworking tools, Arc and acetylene welding, sheet metal and soldering. Time will be allotted for project development and construction in many areas. Machine Maintenance is a suggested course before Basic Electricity.

#### **#6 SHOP MAINTENANCE AND WELDING II: 1/2 credit, Elective 10-12**

Prerequisite: Machine Maintenance and Welding I recommended but not required.

Students will be introduced to the shop and learn shop safety, tool identification and proper care and operation of all power tools. They will develop knowledge and skill in using basic hand woodworking tools, power woodworking tools, Arc and acetylene welding, sheet metal and soldering. Time will be allotted for project development and construction in many areas. Machine Maintenance and Welding is a suggested course before Basic Electricity.

#### **#7 BASIC ELECTRICITY I: 1/2 credit, Elective Grades 10-12 TP**

In this course students will study the basic principles of electricity, magnetism, direct and alternating current. They will learn basic wiring design and how to wire for their own needs. They will learn the selection, care and maintenance of electric motors. They will be given instruction in the use of electric controls and sensing devices. Approximately 80% of the class will be practical shop exercises. This class contains some of the "in classroom" portion of cooperative agriculture placement.

#### **#8 BASIC ELECTRICITY II: 1/2 credit, Elective Grades 10-12 TP**

In this course students will study the basic principles of electricity, magnetism, direct and alternating current. They will learn basic wiring design and how to wire for their own needs. They will learn the selection, care and maintenance of electric motors. They will be given instruction in the use of electric controls and sensing devices. Approximately 80% of the class will be practical shop exercises. This class contains some of the "in classroom" portion of cooperative agriculture placement.

#### **#9 ELECTRONICS: 1/2 credit, Elective Grades 10-12**

Electronics is an ever changing field which encompasses almost everything we come in contact with throughout our daily lives. This course will give the student theory and hands-on experience including circuits, meters, various electronic components, plus an opportunity to actually build a combination of circuits.

**#10 COOPERATIVE AGRIBUSINESS PLACEMENT I: 1/2 credit, Elective 12.**

**#11 COOPERATIVE AGRIBUSINESS PLACEMENT II: 1/2 credit, Elective 12.**

Prerequisite: Must comply with rules of Occupational Experience.

Cooperative Agribusiness placement is a specially designed course for students who are not involved in spring athletics, to obtain on-the-job work experience while still in high school. Students are provided the opportunity to apply related in-school instruction and receive additional on-the-job training relevant to their career needs. The jobs that the students obtain must start at the beginning of 4th block and run Monday through Friday.

**Special Note:** Students may only take a total of 1 credit of Cooperative Agribusiness Placement.

**#12 CONSUMER MECHANICS: 1/2 credit, Elective Grades 11-12**

In this course students will learn the principles of the two and four cycle combustion engine and lawn and garden automated tools. Students will be given the opportunity to recondition, repair, and overhaul small engines and lawn and garden tools. Each major engine component will be studied with special emphasis on the proper maintenance and servicing of these components. Trouble shooting, tune-up and major engine overhaul or repair will be emphasized during the second half of the semester. Practical laboratory work will make-up about one half of the course time.

## **BUSINESS EDUCATION**

The Business Education Department provides courses for the exploration and development of occupational skills needed for initial employment and advancement in business careers and for the development of economic understanding needed for intelligent participation in a free enterprise system.

**#16 KEYBOARDING / COMPUTER LITERACY: 1/2 credit, elective grades 9-12**

Required course if not successfully completed in Junior High.

prerequisites: none

Students can be prepared for the workplace by having the skills needed to use computers competently. One of those necessary skills is, of course, keyboarding. This course is designed for students who need to learn the alphanumeric keys or who have the desire to improve their keyboarding skills. Drills for accuracy and speed will be stressed the first part of the course. Students will learn to format personal business letters, short reports, memos, tables, and lists using a word processing application. Spreadsheet and graphing applications and its features and functions will also be introduced. Presentation software is frequently used in schools and businesses. Students will create and present a slide show style presentation. These are software applications commonly used in home, office and post-secondary settings.

**#17 MICROSOFT OFFICE: 1/2 credit, Elective 9-12,**

**(\*College Credit may be earned for this course. See "Tech Prep")**

Developmental/Prerequisite: none

Some of us learn by reading, some by watching, some by doing. How about a way to take advantage of all three styles of learning? This is an introductory course designed to improve a student's knowledge of the Microsoft Office software. Students will create and format documents using Microsoft Word. Students will learn to use formats, formulas and functions to create a worksheet using Microsoft Excel. Microsoft PowerPoint will be used to create and deliver presentations. This course offers the learner



opportunities to follow step-by-step textbook activities, watch and listen to teacher directions and complete independent projects and assignments.

**#18 INTRODUCTION TO THE BUSINESS WORLD: 1/2 credit, Elective Grades 9-11**  
(\*College Credit may be earned for this course. See “Tech Prep”)

This course relates to a student’s personal, business, and economic interests. This course will serve as a background for other business courses the student may take in high school and will better prepare students to make decisions as consumers, wage earners, and citizens.

**#19 INTRO TO MARKETING ESSENTIALS: 1/2 credit, Elective Grades 10-12,**  
(\*College Credit may be earned for this course. See “Tech Prep”)

Students interested in pursuing a career in business, especially small business ownership, sales, advertising, hospitality, and marketing careers need to gain a solid background in what influences consumers to purchase products or services. The consumer buying process is a complex matter. How do marketers attempt to sway the consumer decision-making process? What strategies do they employ? Introduction to Marketing Essentials introduces the students to the four main points of marketing: Product, Price, Place and Promotion. Students will learn more about effective techniques and strategies to entice customers to make purchases.

**#20 SMALL BUSINESS PRACTICES: 1/2 credit, Elective Grades 11-12**

Prerequisite: Minimum of one prior business education class

This course offers instruction in small business practices. Small business management helps students understand various management theories, basic management functions and their interrelationships, and the organization of business. Students will simulate a variety of businesses that might be found in a small town environment.

**#21 PERSONAL FINANCE: 1/2 credit, Elective 11-12,**  
(\*College Credit may be earned for this course. See “Tech Prep”)

It’s Your Paycheck! Budget it wisely! Investing, insurance, and retirement might not be on your radar right now. For you, the future may just be a weekend away. Don’t let that stop you from taking steps to being financially secure. This course stresses the importance of budgeting and long-term personal money management as it relates to living independently. Topics of the course include budgeting, banking, credit, risk management, investing, and taxes.

**#22 BUSINESS LAW : 1/2 credit, Elective Grades 11-12**  
(\*College Credit may be earned for this course. See “Tech Prep”)

Knowledge of business law is useful for students because all students eventually assume roles as citizens, workers, and consumers in their communities and in society at large. Business owners and managers enter into contracts on a daily basis and need basic knowledge of business law to protect themselves and their business. This course addresses topics and issues affecting businesses, families, and individuals. A field trip to the Stearns County Law Enforcement Center and Stearns County District Court is a highlight of this course.

**#23 ACCOUNTING I: 1/2 credit, Elective Grades 10-12**

(\*College Credit may be earned for this course. See “Tech Prep”)

This course is designed to provide an opportunity to learn the fundamentals of accounting. Accounting is an essential aspect of every business institution and organization. As future workers, small business owners, and entrepreneurs, students who understand basic accounting principles will more knowledgeably manage their companies' financial resources. Accounting principles of a service organization will be studied. The accounting equation, journals, ledgers, and financial statements are topics covered in Accounting I.

**#24 ACCOUNTING II: 1/2 credit, Elective Grades 10-12,**  
(\*College Credit may be earned for this course. See “Tech Prep”)

Developmental/Prerequisite: Accounting I

This course advances the accounting process to include procedures for a merchandise partnership business. It is also designed as an introduction of computerized systems and has made the mastery of technology skills an integral part of the accounting curriculum. Students will complete a practice set as reinforcement of textbook learning.

**# 25 ENTREPRENEURSHIP: 1/2 credit, Elective Grade 11-12**

Developmental/Prerequisite: ANY ONE of the following: Accounting I, Marketing, Computer Applications

Entrepreneurship focuses on recognizing a business opportunity, starting a business based on the recognized opportunity, and operating and maintaining that business. All students should develop an appreciation for, and understanding of, entrepreneurship in our economy, especially since most of the jobs created in the early 1990's were in the small business sector. This has been true for not only professional types of positions, but technical ones as well. Forecasters have indicated that this trend will continue. This means that more and more people should develop the thinking pattern of an entrepreneur since many will start their own business or work closely with an entrepreneur. Being able to recognize new business opportunities is not only necessary for the entrepreneur, but for the individual working in the corporate world which is increasingly competitive.

**# 26 COMPUTER APPLICATIONS: WEB PAGE DESIGN: 1/2 credit, Elective Grade 11-12**

Prerequisite: none

This course offers continuous instruction in current and emerging information technology. HTML and dreamweaver technology will be taught. Web page design skills will be taught in which students will create and maintain web sites. Students will create web sites about family, business, or interests. Students will also be taught how to use and create Powerpoint presentations.

## LANGUAGE ARTS

**#31 ENGLISH 9A: 1/2 credit, Required Grade 9**

**#32 ENGLISH 9B: 1/2 credit, Required Grade 9**

English 9 is a course that focuses on writing and reading as it influences writing. Students will learn the purpose and structure of the different modes of writing as well as the application of these skills to writing assignments encountered in other high school courses. Writing instruction further examines sentence

structure, grammar, paragraph and essay development, and original thought. Literature includes selections by Shakespeare, John Steinbeck, Barbara Kingsolver, and a multitude of prominent essayists. In this transitional English class, students will master fundamental writing skills and read complex literature.

**#33 ENGLISH 10A: 1/2 credit, Required Grade 10**

**#34 ENGLISH 10B: 1/2 credit, Required Grade 10**

Developmental/Prerequisite: English 9A and 9B.

English 10 curriculum is based upon the critical reading of nonfiction and fiction texts. This close attention to texts supports the special emphasis of the course: analysis of the construction of composition and vocabulary development. In addition to reading current nonfiction of varying lengths, students read selections intended to introduce them to the primary influences in Western Literature: "The Holy Bible", Greek and Roman mythology, and "Julius Caesar" by William Shakespeare.

**#35 INTRODUCTION TO COMPOSITION: 1/2 credit, Elective Grade 10-12,**

Applied to English Requirement for Grades 11-12

Developmental/Prerequisite: Successful Completion of English 10 and Instructor approval

Introduction to Composition is designed primarily for the vocational school or college bound student. It will answer the question "How?" for the writing student. The course emphasis is on elements of style, paragraph construction, and essay form. It will include a survey of the four modes of writing: description, persuasion, exposition, and narration. Technical writing and critical analysis will complete the course outline.

**#36 ADVANCED COMPOSITION: 1/2 credit, Elective for Grades 10-12,**

Applied to English Requirement Grades 11-12

Developmental/Prerequisite: Successful Completion of Introduction to Composition

Advanced Composition will take the writing student beyond the basics into more complex application of the skills learned in Intro. to Composition. This course will answer the question "Why?" Concentration will be centered on the following types of writing: Cause and Effect, Classification, Comparison and Contrast, Analogies, and Argumentation. Research-centered academic writing will complete the course.

**#37 ENGLISH COMMUNICATIONS 11A: 1/2 credit, Elective for grades 11-12**

**#38 ENGLISH COMMUNICATIONS 11B: 1/2 credit, Elective for grades 11-12**

Developmental/Prerequisite: Successful completion of English 10. English 11A must be completed prior to English 11B

English Communications 11 is a course which will provide the knowledge and skills necessary to succeed in the workplace of today and tomorrow. Through the study of literature, students will develop improved communication, collaboration, decision-making and problem-solving skills. Special emphasis is placed on effective listening, speaking, reading, and writing strategies, the gathering, organizing and use of information, career analysis, critical thinking skills, receiving and giving instructions, and solving interpersonal conflicts in the workplace. The class will operate using a "hands on" approach, giving students the opportunity to directly apply the English skills in real-life situations. English 11A contains a large inquiry. English 11B continues preparing students for the world of work.

**#39 ENGLISH COMMUNICATIONS 12A: 1/2 credit, Elective for grade 12**

**#40 ENGLISH COMMUNICATIONS 12B: 1/2 credit, Elective for grade 12**

Developmental/Prerequisite: English 12A must be completed before English 12B

English Communications 12 is both a literature course and one which will provide the knowledge and skills necessary to succeed in the workplace of today and tomorrow. Through the study of American literature, students will better understand our country's literature. Special focus is placed on technical writing, team problem solving, the client-customer relationship, the supervisor- worker relationship, leadership skills, presentation skills, and performance evaluation. The class will operate using a "hands on" approach giving students the opportunity to directly apply the English skills in real-life situations.

**#41 EARLY AMERICAN LITERATURE: 1/2 credit, Elective for grades 11-12**

Developmental/Prerequisite: Successful completion of English 10

Early American Literature is a survey course which focuses on literature and how it is affected by social circumstances. It shows students how literature relates to what is happening in the world. A study of the Colonial Period through the Civil War Era will make history and literature come alive and reinforce the effect that they have on each other. Emphasis in this course is placed on how literature helps in the understanding of what it means to be an American. It also emphasizes reading, the evolution of reading tastes, and writing about literature. Literature studied ranges from journals of the colonists to Patrick Henry's "Speech to the Virginia Convention", from Washington Irving's "Rip Van Winkle" to Edgar Allan Poe's "The Masque of the Red Death"; from Hawthorne's The Scarlet Letter to Crane's The Red Badge of Courage. With heavy emphasis on critical thinking skills, this course reinforces all objectives and skills for the student who intends to pursue post-high school studies.

**#42 MODERN AMERICAN LITERATURE: 1/2 credit, Elective for grades 11-12.**

Developmental/Prerequisite: Successful completion of English 10

Modern American Literature is a survey course of American literature written between WW1 and WW2. Students will read, discuss, and write about some of this nation's best short stories, novels, poetry, and plays, and in doing so will come to a better understanding of what it means to be an American. Writers include Sinclair Lewis, Willa Cather, F. Scott Fitzgerald, Ernest Hemingway, Zora Neale Hurston, John Steinbeck, James Thurber, William Faulkner, Flannery O'Connor, Langston Hughes, Robert Frost, Tennessee Williams, and Lorraine Hansberry. This course is highly recommended for those planning on attending a four-year college or university.

**#43 BRITISH LITERATURE: 1/2 credit, Elective for grades 11-12**

Developmental/Prerequisite: Successful completion of English 10

This course is a survey of great literature written by British authors. It begins with the Anglo-Saxon period and travels through the Modern Era. Students will study the literature of the Middle Ages, the Renaissance, the Elizabethan Age, the Restoration period, the Victorian Age and the Modern Age. Such classics as Chaucer's "Canterbury Tales", Shakespeare's "Macbeth", poetry by the Brownings, Tennyson, Byron, Shelley and Keats, and the play "Pygmalion" by Shaw will be studied in this course. Emphasis in this course is placed on reading and the evolving of reading tastes, as well as composition relative to literature and history. Students will learn to critically interpret literature of the masters. Speaking and listening skills will be an integral part of this course. With heavy emphasis on critical thinking, this course is highly recommended for students thinking of attending a four-year college.

**#44 SURVEY OF WORLD LITERATURE: 1/2 credit, Elective for grades 11-12 (Hybrid course)  
(\*Offered in School years ending with an odd number)**

Developmental/Prerequisite: Successful completion of English 10

World Literature: Middle Ages to the Present is a survey of world literature as it pertains to the development of Western Civilization. The survey begins with the literature of the Middle Ages ("The Song of Roland," "The Grail," Dante's "Divine Comedy," and "The Nibelungenlied"). It continues through the Renaissance and the Enlightenment with Cervantes' "Don Quixote," and Voltaire's Candide. Nineteenth Century may include works of Johann Wolfgang von Goethe, Alexander Pushkin, Victor Hugo, Tolstoy, Chekhov, and Ibsen. The Twentieth Century may include Kafka, Joyce, Eli Wiesel, and Camus. If time allows, Shakespeare's "The Tempest" would be studied.

This course is offered in a hybrid format. Students will have a combination of traditional classes and on-line classes. Students registering for this course should understand the responsibility to keep up with assignments presented in an on-line format and may be assigned to daily traditional attendance if they fall behind. \*This course is being piloted for the first time in the 2012-13 school year.

**#45 INTRODUCTION TO SHAKESPEARE: 1/2 credit, Elective for grades 11-12  
(\*Offered in school years beginning with an even number)**

Developmental/Prerequisite: Successful completion of English 10

In Introduction to Shakespeare the student will read, *As You Like It*, *Antony and Cleopatra*, *Hamlet*, *King Lear*, *A Midsummer Night's Dream*, *The Tempest*, and selected sonnets. In addition, each student will choose a play to read independently. The major assessments include essay tests on each play, an oral interpretation, and a portfolio demonstrating the student's understanding of his or her independent reading of Shakespeare.

**#46 CREATIVE WRITING: 1/2 credit, Elective for grades 11-12**

Developmental/Prerequisite : Successful completion of Composition and one Literature course.

Creative Writing is a course designed for students who want to write prose, poetry, and drama. Students will read, discuss, and analyze famous poems, short stories, essays, and plays and then write their own. Appropriate for both novice and experienced writers, Creative Writing will teach students how to produce works of fiction worthy of being published.

**#47 BEGINNING SPEECH: 1/2 credit, Required for grades 11-12, DOES NOT QUALIFY AS AN ENGLISH CREDIT.**

Developmental/Prerequisite: Successful completion of English 10

Students will learn to outline and deliver various types of speeches, identify speech anxiety and work to overcome anxiety. Also, students will evaluate their speaking skills by viewing their own speeches and critiquing others. The types of performances delivered in this class are pantomime, introductory, informative, demonstrative, persuasive, debate, ceremonial, and impromptu.

**#48 BEGINNING SPEECH: 1/2 credit, Required for grades 11-12, DOES NOT QUALIFY AS AN ENGLISH CREDIT. (Hybrid course)**

Developmental/Prerequisite: Successful completion of English 10

This course is the same curriculum as regular Speech class offered in a hybrid format. Students will have a combination of traditional classes and on-line classes. Students registering for this course should understand the responsibility to keep up with assignments presented in an on-line format and may be assigned to daily traditional attendance if they fall behind. \*This course is being piloted for the first time in the 2012-13 school year.

**#53 COLLEGE COMPOSITION AND LITERATURE:** quarter or semester long, Meets English requirement.

**#54 COLLEGE COMPOSITION AND LITERATURE:** quarter or semester long, Meets English requirement.

This course is offered through M-State Fergus Falls. Nine college credits are awarded upon successful completion of this course. Consult the counselor for details. **PLACEMENT TEST REQUIRED**

Onesection College Comp. and Lit course will be offered in a hybrid format. Students will have a combination of traditional classes and on-line classes. Students registering for this course should understand the responsibility to keep up with assignments presented in an on-line format and may be assigned to daily traditional attendance if they fall behind.

## **FINE ARTS**

~~**THEATER AND ACTING: 1/2 credit, Elective for grades 10-12,** Fine Arts elective.~~

(Not offered during this school year due to lack of certified instructor)

This course is designed to expose students to the history and development of theater and the principles of acting. Students will read plays and analyze. Students will participate in various group activities/ theatre games to ease them into their acting experiences. Students will perform a monologue and a scene from various cuttings from plays to teach them the basic principles and techniques of acting. The class will attend a live performance of a play to gain theater knowledge first hand and to be introduced to technical aspects of theatre.

### **GRAPHIC ARTS (Do not meet Fine Arts credit requirement)**

**#55 YEARBOOK PRODUCTION/PUBLIC RELATIONS MEDIA A:** 1/2 credit, Elective offered first semester only. Enrollment Limited.

**#56 YEARBOOK PRODUCTION/PUBLIC RELATIONS MEDIA B:** 1/2 credit, Elective offered first semester only. Enrollment Limited.

Admitted by Teacher Recommendation Only - **Must have teacher initial Preregistration form.**

The Yearbook production course is designed to introduce students to the techniques of yearbook layout, composition, photography, marketing, and sales. This class will make use of the computer technology available in the field of desktop publishing and apply it to the actual production of the AHS Yearbook and the PAW Press.

**#57 PUBLIC RELATIONS MEDIA A: 1/2 credit,** Elective for grades 11-12. Offered 2nd Semester only.

**#58 PUBLIC RELATIONS MEDIA B: 1/2 credit,** Elective for grades 11-12. Offered 2nd Semester only.

Students will be taught technical writing, design, graphics production information, processing and dispensing information. Students will produce a monthly newspaper, will issue press releases, create game programs for contests, design posters, dispense information to news gathering sources.

**#59 INDEPENDENT STUDY IN MEDIA 1/2 credit,** Elective for grades 12. Prerequisite, 1 semester of media and instructors permission.

In the Independent Study of Mass Media course, students will use new technology to create a video yearbook along with smaller projects using digital cameras, video cameras, and computer imaging. Students will construct a story board for each project, will identify materials needed and will access

necessary technology to complete the project. The culmination project is a video yearbook of the current school year.

**VISUAL ARTS: (Qualify for Fine Arts Requirements)**

Note: Some classes in this department are offered on an alternate year basis.

**#81 ADVENTURES IN ART: 1/2 credit, Elective for grades 9-12**

This course is a survey of Western architecture, sculpture, painting, and art effected by its society. Students will visually walk through the secret passageways of the Great Pyramids built in 2600 B.C. and experience the greatest moment in archaeological history, the opening of King Tut's Tomb, thus releasing the dreaded pharaoh's curse. Students will experience the harmony, balance, striving for perfection and ideal beauty in Greek art. They will see the Roman society grow to be one of the strongest, richest and deadliest cultures to exist. Students will learn how Christianity was once a secret hidden society and later grew to be the most dominant religion in the world. They will study the dynamics of how towns and villages would compete to see who could build the biggest church or cathedral. Students will explore the Renaissance where man found self worth and created beautiful paintings, sculptures and monumental feats of architecture. A walk through the 19th and 20th century art will reveal how art took on many different styles and individual tastes.

**#82 DRAWING: 1/2 credit, Elective for grades 9-12 Lab Fee: \$10**

Developmental/Prerequisite: Adventures in Art

Drawing students will learn techniques such as contour, figure, gesture, perspective using a variety of media with emphasis on skill development, design and creativity as a means of enhancing self-expression. Students preparing for careers in art, design, engineering, drafting, architecture or who just appreciate and enjoy drawing will benefit from this course.

**#83 PAINTING: 1/2 credit, Elective for grades 9-12 Lab Fee: \$10**

Developmental/Prerequisite: Adventures in Art

This course is an introduction to painting as a means of communicating thoughts and feelings on a flat surface by the use of watercolor, tempera, acrylic and oil paint. Class time will be spent on learning various painting methods for both realistic and emotional representation. Painting will assist students interested in entering the following careers: commercial art, advertising, home and commercial decorating, photography, art education, technical illustrator, artist, or to increase your joy and appreciation of painting.

**#84 PHOTOGRAPHY: 1/2 credit, Elective for grade 12 Limited to max. of 20 per class.  
Lab Fee: \$10**

This course is a basic photography course designed to introduce the student to the world of photography behind the camera. Each student will receive a 35 MM camera and learn the camera basics: light control, picture composition, developing film print, enlarging, and display. Many projects are done in conjunction with advertising the yearbook, newspaper, and the fine arts catalog.

**#85 POTTERY: 1/2 Credit, Elective for grades 9-12, (Offered in school years beginning in even number). Lab Fee: \$10**

Developmental/Prerequisite: Adventures in Art

Students will use clay to create various types of functional work. Students will use several hand built methods as well as a potter's wheel to create pieces of pottery. Students will also become aware of different types of firing techniques and their effect on clay bodies. There will be a mandatory field trip to view the studio and works of Artist in Residence, Richard Bresnahan, at St. John's University. The field trip may occur after school hours.

**#86 THREE DIMENSIONAL DESIGN: 1/2 credit, Elective for grades 9-12. (Offered in school years beginning in odd number. Alternates with Pottery.) Lab Fee: \$10**

Developmental/Prerequisite: Adventures in Art

Experience the magic of turning and lifting a pot on the potter's wheel. Create colorful transparent stain glass panels. Produce brilliant jewelry using the lost wax casting process. These and other three dimensional art forms will be presented in this class.

**#87 MURAL PAINTING: 1/2 credit, Elective for grades 11-12. (Offered in school years beginning in even numbers.) Lab Fee: \$10**

Developmental/Prerequisite: Painting

This is an advanced art class. Students will be selected by previous arts grades. Students will paint large paintings on walls and ceilings. They will learn how to enlarge painting ideas using various methods. Students will study and view several examples of Michelangelo Buonarroti's work on the Sistine Chapel and other famous artists. Students may be asked to paint after school hours or on a weekend to complete large projects.

**#88 PRINTMAKING: 1/2 credit, Elective for grades 9-12. (Offered in school years beginning in odd numbers.) Lab Fee: \$10**

Developmental/Prerequisite: Adventures in Art

Students will produce creative, original prints using a wide variety of methods to produce prints including wood cut, engraving, lithography, silkscreen, and photo silkscreen. Students will design and print promotional advertisements using some of the methods listed above. All students will be allowed to print tasteful designs on T-shirts.

**#89 ADVANCED PAINTING : 1/2 credit, Elective for grades 9-12 Lab Fee: \$10**

Developmental/Prerequisite: Painting

In this course students will be exposed to different movements in modern art. Each student will briefly study a style in art, Impressionism through Fantasy art, and using oil paint will reproduce a work using the style studied.

### **MUSIC (Qualify for Fine Arts Requirements)**

Albany Area High School offers band and choir in its music program. 9th grade students make up the Varsity Band and Choir. Varsity Band and Choir are semester-long courses that meet every day for 42 minutes. Students in Varsity Band and/or Choir are expected to register for both fall and spring semesters. Students wanting to be in both band and choir may do so and will alternate days. Students in grades 10-12 make up the Concert Band and Choir. Concert Band and Choir are quarter long classes that meet for 85 minutes per day. Students are encouraged to sign up for all four quarters. Students



must register for at least two quarters to participate. Each quarter offers different opportunities and will be described in more detail below.

**#102 VARSITY BAND 1B: 1/2 credit, Elective for grade 9**

**#104 VARSITY BAND 2B: 1/2 credit, Elective for grade 9**

**(Students are expected to register both fall and spring. )**

The Varsity Band is comprised of all 9th grade band students coming into the high school. Varsity Band will provide students with an introductory high school band experience that includes more performance opportunities and more challenging music than the junior high level. The Varsity Band performs 6 concerts a year. One performance each quarter along with the Homecoming and Memorial Day performances. The students also have numerous pep band performances available. Students in Varsity Band will continue their music education and have the opportunity to perform in the Marching Band and/or Colorguard in the spring and summer. The Marching Band travels nationally every other year in late June or early July. There is also Jazz Band all year, and Winter Drumline offered through Community Education.

**#105 CONCERT BAND 1A: 1/2 credit, Elective for grades 10-12**

**#106 CONCERT BAND 1B: 1/2 credit, Elective for grades 10-12**

**#107 CONCERT BAND 2A: 1/2 credit, Elective for grades 10-12**

**#108 CONCERT BAND 2B: 1/2 credit, Elective for grades 10-12**

**(Students must register for no less than 2 qtrs. Recommended order by qtrs 1,3,2,4. )**

The concert band is for more experienced student musicians. The literature is more challenging and students are expected to perform at a higher level along with more musical knowledge than the Varsity band level. Concert Band meets for 85 minutes every day and performances are based on the quarter schedule and occur in the following sequence.

Quarter 1 - Homecoming performance and fall concert as well as pep band performances for football and volleyball games.

Quarter 2 - Forman Winter or Holiday Concert in December or January and winter pep band for basketball.

Quarter 3 - Large group contest and formal March Concert, with winter pep band for basketball.

Quarter 4 - Spring Concert, Pops concert and preparations for Marching Band and summer trip in odd years.

Concert Band students can also participate in Jazz Band (all year), winter drumline (Nov-Apr), pit orchestra (April), solo and ensemble (April), and summer Marching Band. Students should register based on what they want to participate in. All quarters have unique events and opportunities. (Students in Marching band should be sure to register for quarter 4.)

**#109 VARSITY CHOIR 1A: 1/2 credit, Elective for grade 9**

**#111 VARSITY CHOIR 2A: 1/2 credit, Elective for grade 9**

**(Students are expected to register both fall and spring. )**

The Varsity Choir is a group not more than 80 students in grade 9. The choir meets daily for a half-block for the entire school year. The Varsity Choir serves as a training ground for students who wish to further their choral education, and provides preparation for Concert Choir. The main purpose of this group is to expose students to various styles of choral music along with teaching the art of singing, sight-singing, and music theory skills necessary to read choral music. Students involved with the Varsity Choir perform four major concerts a year (one per quarter), participate in Large Group Contest (Quarter 3) and are encouraged to participate in the solo and ensemble festivals (quarter 4), and voice lessons.

- #113 CONCERT CHOIR 1A: 1/2 credit, Elective for grades 10-12
  - #114 CONCERT CHOIR 1B: 1/2 credit, Elective for grades 10-12
  - #115 CONCERT CHOIR 2A: 1/2 credit, Elective for grades 10-12
  - #116 CONCERT CHOIR 2B: 1/2 credit, Elective for grades 10-12
- (Students must register for no less than 2 qtrs. Recommended order by qtrs 1,3,2,4. )

The Concert Choir is a group of not more than 80 students in grades 10-12 who are interested in singing advanced choral literature. The Concert Choir is the top vocal performance group at Albany HS. Students perform four major concerts a year (one per quarter), participate in large group contest (quarter 3), solo and ensemble competition (quarter 4), and festivals (Oct, Jan). The Concert Choir students will partake in in-depth study of a variety of styles and historical aspects of choral music. Sight-singing, music theory, technical ability, stylistic interpretation, and texts in world languages are given more emphasis. Students will be auditioned in the spring of the year for placement in the following year. Students are expected to have a least a B average in their previous years in Varsity and Concert Choir. Students may not drop below a C in any given quarter, or they will be dropped from the choir roster. A vocal jazz ensemble is an offshoot of the Concert Choir and may require an additional audition in the fall.

(Students wishing to take both band and choir should register with course numbers provided below. A Student accepted for concert choir will register for concert band as well.)

- #117 VARSITY BAND 1A : 1/4 credit per quarter, Elective for grade 9-12
- #118 VARSITY CHOIR 1A: 1/4 credit per quarter, Elective for grade 9-12
  
- #119 VARSITY BAND 1B: 1/4 credit per quarter, Elective for grade 9-12
- #120 VARSITY CHOIR 1B: 1/4 credit per quarter, Elective for grade 9-12
  
- #121 VARSITY BAND 2A: 1/4 credit per quarter, Elective for grade 9-12
- #122 VARSITY CHOIR 2A: 1/4 credit per quarter, Elective for grade 9-12
  
- #123 VARSITY BAND 2B: 1/4 credit per quarter, Elective for grade 9-12
- #124 VARSITY CHOIR 2B: 1/4 credit per quarter, Elective for grade 9-12
  
  
- #125 CONCERT BAND 1A: 1/4 credit per quarter, Elective for 10-12
- #126 CONCERT CHOIR 1A: 1/4 credit per quarter, Elective for 10-12
  
- #127 CONCERT BAND 1B: 1/4 credit per quarter, Elective for 10-12
- #128 CONCERT CHOIR 1B: 1/4 credit per quarter, Elective for 10-12
  
- #129 CONCERT BAND 2A: 1/4 credit per quarter, Elective for 10-12
- #130 CONCERT CHOIR 2A: 1/4 credit per quarter, Elective for 10-12
  
- #131 CONCERT BAND 2B: 1/4 credit per quarter, Elective for 10-12
- #132 CONCERT CHOIR 2B: 1/4 credit per quarter, Elective for 10-12

## WORLD LANGUAGES

- #151 SPANISH I A: 1/2 credit, Elective for grades 9-12
  - #152 SPANISH I B: 1/2 credit, Elective for grades 9-12
- \*students must register for two quarters of this class

Spanish I is open to all students who are eager to learn Spanish. Areas covered include: reading, writing, listening, and speaking skills. Students will also be exposed to Hispanic culture.

**#153 SPANISH II A: 1/2 credit, Elective for grades 10-12**

**#154 SPANISH II B: 1/2 credit, Elective for grades 10-12**

\*students must register for two quarters of this class

Developmental/Prerequisite: Students must receive a C- or better in Spanish I in order to ensure sufficient mastery to move onto level II.

This course builds on the basics learned in Spanish I. Students will further develop their reading, writing, listening and speaking skills. Additional items of Hispanic culture will be introduced to the students. Students having an interest in possibly participating in language programs outside of the school can receive information on such programs through the teacher.

**#155 SPANISH III A: 1/2 credit, Elective for grades 11-12**

**#156 SPANISH III B: 1/2 credit, Elective for grades 11-12**

\*students must register for two quarters of this class

Developmental/Prerequisite: Successful completion of Spanish II

This course is geared toward the polishing and perfecting of the skills acquired in the first two levels of Spanish. This will be done through the students doing presentations, translations and other activities that will enable them to exercise their acquired skills. They will also further their knowledge of Hispanic cultures through these activities.

**#157 SPANISH IV A - SPANISH IN PRACTICE: 1/2 credit, Elective for grades 11-12**

**#158 SPANISH IV B - SPANISH IN PRACTICE: 1/2 credit, Elective for grades 11-12**

Developmental/Prerequisite: Successful completion of Spanish III

In this advanced fourth level Spanish class students will put into practice their knowledge which was acquired in the first three levels of Spanish. Students will be responsible for creating their own newscast, commercials, game shows and mini-dramas. They will also act out scripted plays, write short stories and poetry, compose their own songs, and make verbal presentations. Through such activities students will be provided the opportunity to utilize and polish their Spanish skills at the same time they expand their vocabulary

**#159 FRENCH I A: 1/2 credit, Elective for grades 9-12, Quarter one.**

**#160 FRENCH I B: 1/2 credit, Elective for grades 9-12, Quarter two.**

\*students must register for two quarters of this class

This class is an introductory course in the French language and culture. Students will learn basic reading, writing, speaking and listening skills. Students will learn basic conversation patterns that are used in everyday situations, vocabulary, simple grammatical structures, and verb conjugation. Students will also learn about French Culture and traditions through stories, songs, films, and foods. Students will receive information about language and travel opportunities outside of the school.

**#161 FRENCH II A: 1/2 credit, Elective for grades 9-12, Quarter three.**

**#162 FRENCH II B: 1/2 credit, Elective for grades 9-12, Quarter four.**

\*students must register for two quarters of this class

Developmental/Prerequisite: Students must receive a C- or better in French I to ensure sufficient mastery to move onto level II

This class builds upon the basics learned in French I. Students will develop their reading, writing and speaking skills with emphasis on speaking and writing. Additional items of French culture will be taught through stories and documentary films.

**#163 FRENCH III A: 1/2 credit, Elective for grades 9-12,**

**#164 FRENCH III B: 1/2 credit, Elective for grades 9-12,**

\*students must register for two quarters of this class

Developmental/Prerequisite: French II

French III continues to build upon and perfect the basic grammar and vocabulary of French I and II. Increasing complex tenses are introduced to round out the student's skills necessary for effective communication in the language. Emphasis is placed on developing writing and reading skills through the use of French novels and short stories.

**#165 FRENCH IV A: 1/2 credit, Elective for grades 9-12,**

**#166 FRENCH IV B: 1/2 credit, Elective for grades 9-12,**

Developmental/Prerequisite: French III. Note: If offered on ITV this will be a 50 minute class.

This course is designed to perfect the use of the grammatical structures already learned through reading, writing and speaking. Students will also study French literature and culture through news articles, short stories and novels designed to enhance and broaden their knowledge of the French-speaking world.

~~**#167 GERMAN I A: 1/2 credit, Elective for grades 9-12**~~

~~**#168 GERMAN I B: 1/2 credit, Elective for grades 9-12**~~

German I is a course for students who wish to be able to write, read, speak, and understand German. The basics of pronunciation, sentence structure, conversation and reading are present. A continual study of the German speaking countries and their cultures also occurs.

~~**#169 GERMAN II A: 1/2 credit, Elective for grades 10-12**~~

~~**#170 GERMAN II B: 1/2 credit, Elective for grades 10-12**~~

Developmental/Prerequisite: German I

German II expands the reading, writing, speaking, and listening skills learned in German I. Emphasis is on communication, with students and the teacher speaking German in class. Students continue to learn similarities and differences between American and German ways of life. After completion of German II students are eligible to participate in a travel abroad program in June.

~~**#171 GERMAN III A: 1/2 credit, Elective for grades 11-12**~~

~~**#172 GERMAN III B: 1/2 credit, Elective for grades 11-12**~~

Developmental/Prerequisite: German II

German III is a course geared toward perfecting the skills learned in the first two levels of the class. This will be done through student presentations, translations, short stories and novel readings and other activities which will enable students to exercise their acquired skills. They will also further their knowledge of German culture through these activities.

~~#173 GERMAN IV A: 1/2 credit, Elective for grades 11-12~~

~~#174 GERMAN IV B: 1/2 credit, Elective for grades 11-12~~

Developmental/Prerequisite: German III

In this advanced fourth level German class students will put into practice their knowledge which was acquired in the first three levels of German. Students will be responsible for creating their own newscast, commercials, game shows and mini-dramas. They will also act out scripted plays, write short stories and poetry, compose their own songs, and make verbal presentations. Through such activities students will be provided the opportunity to utilize and polish their German skills at the same time they expand their vocabulary.

## **FAMILY AND CONSUMER SCIENCES**

**#176 FAMILY AND CONSUMER SCIENCES 9: 1/2 credit, Meets FACS or Tech Ed requirement**

Family and Consumer Sciences 9 will consist of four and one-half weeks of foods (recipe reading, nutrition and various food preparations). There are also four and one-half weeks of sewing skills. This involves constructing a product by reading pattern directions, making minor alterations and safe use of sewing equipment including sergers. (Note: Students will be required to purchase supplies for their projects)

**#177 NUTRITION: 1/2 credit, Elective grades 10-12**

**(\*College Credit may be earned for this course. See "Tech Prep")**

This course is a nutrition study of the relationship of nutrition to good health. The following topics will be taught: calorie/energy needs, food pyramid, the six major nutrients, food labeling, nutritional needs of children, adults and the elderly, safe food handling and preservation. Lab activities will be incorporated to reinforce the above topics. (This course qualifies for one of three credits in Safety, Health, and Nutrition CACE 1403 at St. Cloud Technical College.)

**#178 CHILD DEVELOPMENT: 1/2 credit, Elective for grades 11-12**

**(\*College Credit may be earned for this course. See "Tech Prep")**

Human reproduction, pregnancy and birth are covered in child development, along with special situations such as multiple births, physical and mental disabilities and birth defects. Students will study different theories of discipline, raising children, along with ways to help the child develop physically, socially and emotionally. Observing and working with children (newborns through fifth grade) will take place in this class. The students also will take care of an infant in a 24 hour period. (An alternate paper is possible for this assignment.) This course qualifies for one of three credits in Professional Relations CACE 1400 at SCTC, (or CACE 1419 foundations of Development). It also, when paired with Family Living, can qualify for the three credit course called Foundations of Development CACE 1420 at SCTC. (NOTE: Students will do individual offsite visits and need to provide their own transportation.)

**#179 FAMILY LIVING: 1/2 credit, Elective for grades 10-12, (Offered in school years beginning with odd numbers)**

**(\*College Credit may be earned for this course. See "Tech Prep")**

Family living stresses communication and dealing with feelings around family and friends. Topics of concern include dating, parent/teen conflicts, types of marriage, preparation for marriage, conflicts and adjustments in marriage, crisis situations and family support systems. Students will do individual

research projects of their choice in such areas as death, divorce, remaining single, marriage, ethnic groups, family violence and nonviolent alternatives used in resolving differences. This course qualifies for one of three credits in Foundations of Development CACE 1419. When paired with Child Development, this class can qualify for the three credit course called Foundations of Development CACE 1420 at SCTC.

**#180 CONSUMER SEWING: 1/2 credit, Elective for grades 10-12, (Offered in school years which begin in even numbers. )**

(\*College Credit may be earned for this course. See "Tech Prep")

This course includes trends in fashion, fashion careers, and fashion cycles. It will also look at trends in the pattern and fashion industry. Students study clothing budgets, wardrobe planning and buying using the principles and elements of design. Textile study includes knit and weave identification and dyeing and printing. Also included are pattern design and alterations, speed sewing, factory methods, special fabrics and tailoring techniques. One garment will be constructed using the skills learned. The students learn skills like knitting, crocheting, embroidery and quilting. **Note:** *Students will be required to purchase material, notions and a pattern for their projects.*

**#181 INDEPENDENT LIVING: 1/2 credit, Elective for 10-12, (Offered in school years beginning in even numbers.)**

(\*College Credit may be earned for this course. Please see Tech Prep)

This course stresses the consumer's role in managing income and buying and spending wisely through the use of consumer magazines, advertising etc. Lab experiences include testing and comparing a variety of food products. Other studies include apartment hunting, paying bills, consumer rip-offs, use of credit, credit laws, guidelines for buying house wares, furniture and other major purchases. Students will be able to effectively handle consumer complaints in a variety of ways. Students also explore future interests and abilities.

**#182 CONSUMER FOODS: 1/2 credit, Elective for grades 10-12, (Offered in school years beginning in odd numbers.)**

(\*College Credit may be earned for this course. See "Tech Prep")

Food preparation and studies include egg and cheese, meats, fish and poultry, entertaining, foreign foods, pastries, pressure cooking, breads, soups, low cost meals and low calorie meals. Studies include weight control and low calorie meals, fad diets, basic nutrition, consumerism, meal service, and etiquette. The largest project involves planning, preparing, and figuring costs and calories of a meal. This class qualifies for two credits at SCTC, (Basic Baking and Intro to Food Service).

**#183 HOUSING: 1/2 credit, Elective for grades 10-12, (Offered in school years which begin in even numbers.)**

Housing includes a look at many different types of homes. Other units of study include architecture, reading a blueprint, construction of a home, evaluating floor plans, and drawing kitchen elevations. Interior design studies include color schemes, traffic patterns, storage, safety, versatility, and principles and elements of design. Furniture studies include construction, upholstery, cost quality, and style identification. This course includes projects in budget furnishings for an apartment, furnishing and decorating a home, and remodeling. We take walking tours through town to observe architectural features in homes and businesses.

**#184 COLLEGE LIFESPAN DEVELOPMENT PSYCHOLOGY: 1credit, Elective for grades 11-12**

This course is a 3 credit college course through the University of Minnesota - Crookston. This class combines the Courses of "Child Development" and "Family Living" for the college credit and is a semester course. Students must have at least a 3.0GPA to register for this course.

# **TECHNOLOGY EDUCATION**

**Lab Safety:** Students taking hands-on classes in Technology Education are hereby informed that they will be required to follow the lab rules set up by the instructor. This includes, but is not limited to, the following: students will wear safety glasses for eye protection at all times while working in the lab area or while working with chemicals, students will follow the rules for machine-tool operation as specified by the instructor, students will pass the machine-tool and lab safety test before being allowed to operate machine-tools in the lab or before working in the lab areas. The students who do not follow the rules established for working in lab areas will be excluded from the privilege of working in the lab areas until they indicate a willingness to follow the rules. The safety of all students working in the lab absolutely requires all students to follow safety rules.

## **#201 9th GRADE TECHNOLOGY EDUCATION: 1/2 credit, Meets Tech Ed 9/FACS 9 Requirement**

Developmental to all Tech Education Classes

The purpose of 9th Grade Technology Education is to expose the students to the processes required to design and produce a product. In this unit, the student's creative abilities and problem-solving skills will be engaged in the production of an individual product. Students will also gain a basic understanding of the materials used in today's market for building with wood. Students will be able to identify various woods and finishing products. The production process will give the students exposure to selected power tools and hand tools available in our Technology Education Labs.

## **#202 APPLIED MANUFACTURING PRINCIPLES: 1/2 credit, elective for grades 9-10 TP**

Prerequisites: none

The purpose of Applied Manufacturing Principles is to expose students to manufacturing principles, organization, and marketing practices. The students will collaboratively decide on products to produce and market, create methods used in the manufacture of chosen products, understand steps involved in acquiring an effective marketing vehicle, manufacture a product by mass production techniques, and put marketing skills to use and sell products.

## **#203 AUTO AND HOME CARE: 1/2 credit, Elective for grades 10-12**

Auto and Home Care - will assist the student to understand the various systems of the automobile and home. Consumer awareness and ownership responsibility as well as confidence will be instilled through the knowledge gained in the course units and simulations related to owning, operating and maintaining systems of the home and the automobile. \*NOTE: Students will need access to a vehicle for this class.

## **#204 INTRO TO COMPUTER ASSISTED DRAFTING (CAD) : 1/2 credit, Elective for grades 10-12 (\*College Credit may be earned for this course. See "Tech Prep")**

This course will introduce the student to the use of the computer and the CAD program. The student will do an in-depth study of how to use the features in the CAD program. The CAD student will work with the 2D concepts of the program. This course is a prerequisite for Architectural Drafting with CAD I and II and Engineering Design and Drafting with CAD.

**#205 ARCHITECTURAL DRAFTING WITH CAD I: 1/2 credit, Elective for grades 10-12**  
(\*College Credit may be earned for this course. See “Tech Prep”)

Developmental/Prerequisite: Intro to CAD

This course is for the student seeking knowledge and skills in architectural design and drafting techniques. The student will draw a complete set of plans which include a lot plan, building cross section, foundation plan, floor plan, electrical plan, exterior elevations. Students enrolled in this course may be the future architectural designers and engineers as well as those who must be able to read and interpret drawings used in construction. Note: you must pass “Intro to CAD” before you enroll in this course.

**#206 ARCHITECTURAL DRAFTING WITH CAD II: 1/2 credit, Elective for 11-12**  
(\*College Credit may be earned for this course. See “Tech Prep”)

Developmental/Prerequisite: Architectural CAD I

This course is for the student that has completed the Architectural CAD I course and would like to further their knowledge of residential architecture. The focus will be on more detailed drawings and will include the 3-D model based off of the student’s plans. Note: you must pass “Intro to CAD” before enrolling in this course.

**#207 ENGINEERING DESIGN AND DRAFTING WITH CAD, 1/2 credit, Elective for 10-12**  
(\*College Credit may be earned for this course. See “Tech Prep”)

Developmental/Prerequisite: Intro to CAD

Engineering design is for the student who wants to gain experience and skill required in the drafting and engineering careers. This course includes units in pictorial drawings, sectional, surface development, dimensioning and other conventional views used to convey ideas in design and engineering. Students will use the Albany High School CAD system for their drafting assignments. Note: you must pass “Intro to CAD” before enrolling in this course.

**#208 INTRODUCTION TO WOODWORKING TECHNOLOGY: 1/2 credit, Elective for grades 10-12**  
(\*College Credit may be earned for this course. See “Tech Prep”)

This course is the study of wood fiber classifications, physical properties and the proper care, safety and use of traditional tools, new hand tools, portable power tools, and accessories. We will also study the employment opportunities that the wood fiber industry provides in our state. This class is a prerequisite for two classes: Applied Woodworking Technology and Construction Technology. This course is also articulated through St. Cloud Technical College for carpentry hand tools.

**#209 APPLIED WOODWORKING TECHNOLOGY A: 1/2 credit, Elective for grades 11-12**

**#210 APPLIED WOODWORKING TECHNOLOGY B: 1/2 credit, Elective for grades 11-12**

\*Students must register for two quarters of this course

Developmental/Prerequisite: Must have passed Intro to Woodworking Technology with C- or better.

This is an advanced course in production related to the woodworking industry. Emphasis is placed on safety, product design, production planning, wood and material identification, hand and machine tool procedures, and finishing techniques. The student will use approximately 70% of the class time for laboratory activities.



**#211 CONSTRUCTION TECHNOLOGY A: 1/2 credit, Elective for grades 11-12**  
**#212 CONSTRUCTION TECHNOLOGY B: 1/2 credit, Elective for grades 11-12**  
**(\*College Credit may be earned for this course. See "Tech Prep")**

\*Students must register for two quarters of this course

Developmental/Prerequisite: Must have passed Intro to Woodworking Technology with C- or better.

This course is designed to give students basic knowledge of residential construction. The students are provided with the opportunity to practice various phases of building construction and labor saving techniques. While this course is exploratory in nature, ample time is available for students to develop skills, safe work habits, and an awareness of opportunities in construction related businesses.

**#213 INTRO TO METALWORKING TECHNOLOGY: 1/2 credit, Elective Grades 9-12**  
**(\*College Credit may be earned for this course. See "Tech Prep")**

In this course the student will learn about metalworking as a career, hand tool use and safety, print reading, metallurgy, heat treatment, metal finishing, resources and project planning and fabrication. We will also tour a business to see the many different careers that are associated with the metalworking industry.

**#214 MACHINE TOOL TECHNOLOGY: 1/2 credit, Elective for grades 11-12**  
**(\*College Credit may be earned for this course. See "Tech Prep")**

Prerequisite: Must have passed Intro to Metalworking Technology with a C- or better

This course focuses on the technology of the machine tool industry. Students will study machine lathe operations, milling operations, power sawing, drill press operations and grinding and abrasive operations. The class will tour a high tech precision manufacturing business in the area for a better understanding of what is being used in industry. Students that are thinking about studying to be a machinist, a mechanical designer or engineer will benefit from this course.

**#215 WELDING AND FABRICATION TECHNOLOGY: 1/2 credit, Elective for 11-12**  
**(\*College Credit may be earned for this course. See "Tech Prep")**

Prerequisite: Must have passed Intro to Metalworking Technology with a C- or better

This course focuses on the technology and skills used in the welding and fabrication industry. Students will concentrate on the following welding technologies: shielded metal arc, metal inert gas (MIG), oxy-fuel (gas), plasma arc cutting, and oxyacetylene cutting. Along with power tool safety and tool operations, students will be instructed on fabrication techniques. We will be touring a business to see some of the high tech equipment that is being used in the welding and fabrication industry.

**#216 DIGITAL PRODUCTIONS: 1/2 credit, Elective for grades 11-12**

Prerequisites: none

This course is designed to give students experiences in digital productions. Students will complete a series of computer generated assignments involving many different aspects in digital production. We will use I-Movie, I-Photo, and I-Tunes for our basic editing software.

**#217 INDEPENDENT STUDY IN RESEARCH AND DEVELOPMENT: 1/2 credit, Elective grade 12**

Prerequisite: Successful completion of an upper level Technology Education Course. Must meet application requirements.

The primary aim of an independent study is to enable a student to investigate a subject more thoroughly than the regular course may permit. It should not be a substitute for a course that is already offered. The contract application will be reviewed by the instructor and counselor and at that time they will either accept or reject the application for the desired course of study. SPECIAL REQUIREMENTS: Limited to six students. Must contract with the instructor and counselor.

## MATHEMATICS

RECOMMENDED MATH SEQUENCE					
7TH	8TH	9TH	10TH	11TH	12TH
*Math 7	Intro Alg. IA	Intro Alg. IB	Infor. Geom.	Intro. Alg II	Consumer Math
Math 7	Algebra IA	Algebra IB	Geometry	Alg II (Alg III)	PreCalc or College Alg
Adv. Math 7	Enr. Alg I	Enr. Geom.	Alg II (Alg III)	PreCalc or College Alg.	Coll. PreCalc Coll. Calc.

### **#259 INTRODUCTORY ALGEBRA IB: 1 credit, Elective grade 9**

Students who were previously in Introductory Algebra 1A in 8th grade should register for this course. Introductory Algebra IB will continue the basic concepts of Introductory Algebra IA to prepare for future math courses. This class is taught in a 1/2 block for a full year.

### **#255 ALGEBRA IB: 1 credit, Elective grade 9,**

Developmental/Prerequisite: Algebra IA

Students should register for Algebra IB if they have successfully completed Algebra IA. This Algebra course continues with the basic concepts of Algebra preparing the students for future math courses. This class is taught in a 1/2 block for a full year.

### **#230 INFORMAL GEOMETRY : 1/2 credit, Elective grade 10**

\*students must register for two quarters of this class

Developmental/Prerequisite: Pre-algebra or Algebra I

Informal Geometry is an alternative to Geometry for students who have completed Pre Algebra or Algebra I. Proof is not addressed in this course. Topics included are: language of geometry, measurement, lines, polygons, similarity and congruence, area and volumes, parallel, proportion, right triangle relations and circles. This course is recommended for students pursuing a technical education/career after high school.

### **#232 GEOMETRY A: 1/2 credit, Elective grade 10**

\*students must register for two quarters of this class

Developmental/Prerequisite: Minimum "C" in Algebra I

Geometry is being provided for those students successfully completing Algebra I. It is one of several courses in a sequence providing experiences for those pursuing a college or technical degree or employment in a technical field. Some of the topics included are logical arguments related to geometric figures, real life problem solving which includes; area, perimeter, volume, similarity, trigonometry, and transformations.

**#251 ENRICHED GEOMETRY: 1 credit, Elective grade 9**

Developmental/Prerequisite: Enriched Algebra I

In Enriched Geometry the course work from Geometry is taught and learned in greater detail with a greater emphasis on proofs. Students who have successfully completed Enriched Algebra I in grade eight should consider enrolling in this course. This class is taught in a 1/2 block for a full year.

**#236 ALGEBRA II A: 1/2 credit, Elective grade 11 or 12**

\*students must register for two quarters of this class

Developmental/Prerequisite: Minimum "C" in Geometry

Algebra II is a course required for those pursuing college degrees or employment in a technical field. Some topics include solving many types of equations and inequalities. Included would be linear, linear systems, quadratic, radical, exponential, logarithmic, higher degree polynomial, and rational equations. Graphing many types of functions is also included.

**#238 ALGEBRA III: 1/2 credit, Elective grade 11 or 12**

Developmental/Prerequisite: Minimum "C" in Algebra IIB

Algebra III is a quarter course containing a review of Algebra II and new material including trigonometry, conics, and statistics as time permits. This course is a prerequisite for Pre-Calculus.

**#239 ENRICHED ALGEBRA II A: 1/2 credit, Elective grades 10 or 11**

\*students must register for two quarters of this class

Developmental/Prerequisite: Geometry

In this course greater emphasis is given to solving problems. The topics in this course are the same as Algebra II but taught in greater depth. This is the next course in sequence for students who completed their Algebra I in grade eight and Enriched Geometry in grade nine.

**#241 APPLIED MATH IA: 1/2 credit, Elective grades 11-12**

**#242 APPLIED MATH IB: 1/2 credit, Elective grades 11-12**

Developmental/Prerequisite: Informal Geometry or Geometry.

This course combines the study of mathematics with the application of math principles to the world of work. Students must use their various mathematical skills in the areas of agriculture and agribusiness, business and marketing, medical, home economics, and industrial technology. Students must have a working knowledge of algebra and geometry and must provide their own scientific calculator.

**#243 CONSUMER MATH A: 1/2 credit, Elective grade 11 or 12**

**#244 CONSUMER MATH B: 1/2 credit, Elective grade 11 or 12**

Developmental/Prerequisite: Pre-Algebra and Informal Geometry or Algebra I and Geometry

Consumer Mathematics is a course that teaches students about the mathematics of money. Students will learn about earnings, taxes, social security, budgets, investments, credit cards, mortgages, loans, and

business finance. Students must have a working knowledge of algebra and must provide their own scientific calculator.

**#245 PRE-CALCULUS A: 1/2 credit, Elective grade 11 or 12**

\*students must register for two quarters of this class

Developmental/Prerequisite: Minimum "C" in Algebra III

Pre-calculus continues the sequence of courses and topics required for those pursuing a college degree or employment in a technical field. Students are encouraged to research post-secondary requirements to determine their need for this course. Some topics included are graphing various functions and conic sections, solving various types of equations, inequalities, systems of equations and trigonometry.

**#247 COLLEGE ALGEBRA: 1 credit, Elective grade 10-12**

**Prerequisite:** Passing Accuplacer score and/or minimum "C" in Algebra III

This course is offered through Minnesota State Community and Technical College (Fergus Falls) for 4 semester credits (MATH 1114). The course focuses on the following topics: rational and polynomial functions, exponential and logarithmic functions, inverse functions, quadratic equations, inequalities, matrices, progressions, complex numbers, theory of equations and variations, and linear equations in one, two, or three unknowns. Graphing calculator strongly recommended. See instructor for more information.

**#248 COLLEGE FUNCTIONS / TRIGONOMETRY: 1 credit, Elective grade 11-12**

**Prerequisite:** Passing Accuplacer score and/or minimum "C" in Algebra III or minimum "C" in College Algebra (MATH 1114)

This course is offered through Minnesota State Community and Technical College (Fergus Falls) for 4 semester credits (MATH 1115). The course focuses on the following topics: trigonometric functions, right triangle trigonometry, radian measure and circular functions, identities, equations, inverse functions, oblique triangles, complex numbers, vectors and polar coordinates, conic sections, and time permitting an introduction to limits and sequences. Graphing calculator strongly recommended. See instructor for more information.

**#249 COLLEGE CALCULUS: 1 credit, Elective grade 11-12**

**Prerequisite:** Minimum "C" in College Functions / Trigonometry (MATH 1115)

This course is offered through Minnesota State Community Technical Colleges (Fergus Falls) for 5 semester credits (MATH 1134). The course focuses on the following topics: limits and continuity, derivatives, definite and indefinite integrals of algebraic and trigonometric functions, including applications of derivatives and definite integrals. Graphing calculator strongly recommended. See instructor for more information.

## **PHYSICAL EDUCATION AND HEALTH**

One credit of Physical Education is required for graduation. Phy Ed 9 is required in 9th grade as well as one more elective course in grades 10-12. In block scheduling students should be aware that they will take only one quarter of PE. This will mean that some of the seasonal activities will not be available to them in just one quarter. One-half credit of Health is required in grade 10.

**#276 PHYSICAL EDUCATION 9: 1/2 credit, required in grade 9**

This course will include the following activities swimming, basketball, volleyball, hockey, soccer, softball, fitness testing, weight training, bowling, racquet sports. The course will also incorporate various physical fitness activities including body bars, sandbells, jump ropes, and stability balls. Note: Activities will be offered as seasonal conditions permit. Students must pass PE 9 with a "C-" grade or higher to enroll in any elective Physical Education course.

**#277 OUTDOOR RECREATION: 1/2 credit, elective grades 10-12**

The Outdoor Recreation course is designed to give students opportunities to learn a variety of outdoor recreational skills. Activities will include biking, kayaking, disc golf, golf, roller blading, flag football, softball, and walking. In addition there will also be an Archery unit where fees may apply.

**#278 COMPETITIVE SPORTS: 1/2 credit, elective grades 10-12**

This course is designed to give students the opportunity to participate in a fast paced competitive atmosphere. Activities will include softball, volleyball, ultimate frisbee, basketball, badminton, floor hockey, lacrosse, tennis, team handball/speedball, pickle ball, and table tennis. Students will be exposed to basic sports officiating.

**#279 WEIGHT TRAINING & CONDITIONING: 1/2 credit, elective grades 10-12**

This is a "work out" course. Students will be in the weight room three days a week. The other two days will be spent on cardio work or activities. Students will understand and demonstrate proper weight training and power lifting techniques. Students will design and demonstrate a personal strength training program with the goal of improving weekly.

**#280 FITNESS & HEALTH: 1/2 credit, elective grades 10-12**

Students will develop an attitude toward physical conditioning that will enable them to evaluate their own fitness level and to solve their fitness needs. The nine week course will address lifetime activities: bowling, swimming, badminton, table tennis, golf, aerobics, tennis and weight training. (The 0-hour course will meet four times per week from 7:15 - 8:00 AM and include the previous activities as time permits.) Students will learn to understand, design and implement an appropriate physical fitness plan using a variety of aerobic, strength and flexibility activities. Students will recall the five components of fitness. They will receive information on proper nutrition, sleep benefits, and target heart rate.

**#281 AEROBICS: 1/2 credit, elective grades 10-12**

Through participation students will learn the basics of a variety of aerobics programs. Activities may include high and low impact aerobics, step aerobics, water aerobics, yoga, pilates, kick boxing, tae-bo, bosu ball, fitness videos, stability ball, and cardio and body bar training. Full participation for all activities are required. Modifications to individual exercises are permitted to allow for safety.

**#282 HEALTH 10: 1/2 credit, Required grade 10**

The 10th Grade Health course focuses on topics to promote positive lifelong skills and the well being of the student over their entire life. Content areas covered deal with areas of family and social health, physical health, chemical health, consumer health and sexual health. Aspects of grief and death will be discussed along with symptoms of mental health problems. This course also concentrates on the health areas that are of the greatest concern for today's teenagers such as STD's, problem solving, relationships, etc.

# SCIENCE

Science Safety: Students participating in science courses will be required to follow all lab safety rules set down by the instructor of the course. These rules shall include but not be limited to: proper eye protection during all labs, caution and common sense in the handling of all laboratory equipment, as well as chemicals. Before being allowed to perform any laboratory activities, students must meet the instructor's requirements for handling laboratory apparatus safely. Students who violate safety rules will be excluded from using the laboratory.

**#301 GENERAL SCIENCE 9 A: 1/2 credit, Required for grade 9**

**#302 GENERAL SCIENCE 9 B: 1/2 credit, Required for grade 9**

This course provides students with opportunities to explore and learn about a broad range of science concepts. Topics include physical and earth sciences.

**#303 BIOLOGY A: 1/2 credit, Requirement for grade 10**

**#304 BIOLOGY B: 1/2 credit, Requirement for grade 10**

Developmental/Prerequisite: Successful completion of Science 9.

In this course, the learner will analyze the living world from simple cells and their processes to complex organisms and their relationships with other organisms within a variety of environments. This will be accomplished through laboratory experiments, cooperative group learning, inquiry-based projects, and discussion.

**#305 BIOTECHNOLOGY: 1/2 credit, Elective for grades 11-12,**

Developmental/Prerequisite: Successful completion of biology .

This laboratory-based course introduces the student to the rapidly growing area of biotechnology. Biotechnology is the use of microorganisms to produce products, cure diseases, and develop diagnostic tests. During this course, the student will learn to culture bacteria using sterile techniques and analyze the importance of microorganisms in our environment. These basic concepts and laboratory techniques will then be applied to the study of genetic techniques such as DNA fingerprinting, electrophoresis, genetic engineering, cloning, and stem cell research. The bioethical issues concerning biotechnology will be analyzed and discussed.

**#306 HUMAN ANATOMY AND PHYSIOLOGY A: 1/2 credit, Elective grades 11-12,**

**#307 HUMAN ANATOMY AND PHYSIOLOGY B: 1/2 credit, Elective grades 11-12,**

\*students must register for two quarters of this

class

Developmental/Prerequisite: Teacher approval needed for this class, and B or better in Biology

This course examines the anatomy and physiological processes of the human body. This will be accomplished through the use of lecture discussions, experimentation, and small group discussions. Medical careers will also be discussed and a series of speakers and site visits will be part of this curriculum.

**#308 FORENSIC SCIENCE: 1/2 Credit, Elective for grades 11-12**

Developmental/Prerequisite: Teacher Approval and successful completion of Chemistry and/or Chemistry in the Community A & B.

Crime and science. What is the connection? Forensic science applies scientific principles to solve crimes using the evidence at hand. In this laboratory based course, the student will analyze physical and chemical evidence using microscopy, measurement, instrumentation and comparison. Topics in this course include analysis of fingerprints, blood, handwriting, DNA, fabric, and casts. The information gathered in this course is used in occupations such as criminal justice, law enforcement, insurance investigation, forensic science, and law.

**#309 Chemistry in the Community A: 1/2 credit, Elective for grades 11-12**

**#310 Chemistry in the Community B: 1/2 credit, Elective for grades 11-12**

Developmental/Prerequisite: Successful completion of biology .

This course is designed for the student to learn the concepts of chemistry through environmental issues. Topics of study include water chemistry, materials chemistry, petroleum, and alternative energy.

**#311 CHEMISTRY A: 1/2 credit, Elective for grades 11-12**

**#312 CHEMISTRY B: 1/2 credit, Elective for grades 11-12**

\*students must register for two quarters of this class

Developmental/Prerequisite: Successful completion of Algebra I and Biology.

Chemistry is the study of the properties of materials and the changes that materials undergo. Topics of study include: classification of matter, chemical changes, physical changes, the periodic table, chemical equations, and calculations. Laboratory experiments will be performed to reinforce these concepts. This course is intended for college-bound students with an interest in the sciences or medical fields.

**#313 PHYSICS A: 1/2 credit, Elective for grades 11-12**

**#314 PHYSICS B: 1/2 credit, Elective for grades 11-12**

\*students must register for two quarters of this class

Developmental/Prerequisite: Successful completion of Biology and Algebra II

This course offers the student explanations and analysis of the physical world. Areas of study include: one and two-dimensional motion, forces, momentum, work, energy, static electricity, wave motion, and electromagnetism. Laboratory experiments will be used to demonstrate these physical concepts. Physics in technology will be analyzed including the important scientists involved in the development of technology. The student will also apply problem solving skills to daily life and develop an increased appreciation for the physical world.

**#315 AQUATIC ECOLOGY: 1/2 credit, Elective for grades 11-12**

Developmental/Prerequisite: Successful completion of Biology.

This course will examine aquatic ecosystems which are found in our state. Students will begin by looking at our drinking water resources and will visit various water treatment facilities. Lake and stream ecosystems will then be examined looking at the physical, chemical, and biological dynamics of each system.

**#316 FIELD ECOLOGY: 1/2 credit, Elective for grades 11-12**

Developmental/Prerequisite: Successful completion of Biology.

This course will examine the terrestrial ecosystems of Minnesota. Topics include population dynamics, succession, fire ecology, and survival mechanisms such as hibernation and migration. Students will learn

to identify native plants and animals which inhabit these ecosystems and will use topographical maps to identify the topography and key landmarks of an area.

**#317 PHYSICAL ECOLOGY: 1/2 credit, Elective for grades 11-12**

Developmental/Prerequisite: Successful completion of Biology .

In this course, the learner will analyze processes responsible for the earth's atmospheric conditions, describe how these processes effect local weather as well as global climate patterns, and use current scientific data and personal observations to predict future conditions. This will be accomplished through laboratory experiments, cooperative group learning, inquiry-based projects, discussion, use of meteorological equipment, and outdoor observations.

**#318 COLLEGE BIOLOGY: 1 credit, Elective for grades 11-12**

Prerequisite: 2.8GPA Seniors and pass the accuplacer exam.

This is an introductory course for non-science majors covering ecology, population dynamics, cell biology, photosynthesis, respiration, cell division, Mendelian genetics, and molecular genetics in the first semester of the course. Second semester covers evolution by natural selection, population genetics, phylogeny, classification, plant anatomy and physiology, comparative animal anatomy, as well as the study of major organ systems and how they maintain homeostasis. This course is offered through Fergus Falls Community College and requires students to attend labs in Osakis twice a month. (There is limited enrollment for this course.)

## **SOCIAL STUDIES**

**#351 EARLY AMERICAN HISTORY A: 1/2 credit, Required for grade 9**

**#352 EARLY AMERICAN HISTORY B: 1/2 credit, Required for grade 9**

Students will begin their study of Early American History with an overview of North American physical geography and of the Native Americans who lived, and continue to live, in North America. The next units of study involve learning about European Exploration, settlement, and colonization. The American Revolution, the creation of the American Government and the development of the American Nation are studied as well. The class will study the westward movement from the original colonies, will learn how the nation became divided, North and South. The topic of slavery, causes of the Civil War, and the immediate results of the war will also be studied. Students will begin by understanding the Reconstruction Era that followed the Civil War, followed by learning about Native American history and culture west of the Mississippi River and U.S. expansion to the Pacific Ocean. They will also study immigration and minority issues and turn of the century society. Current issues will be included throughout the class.

**#353 CAREERS/PLANNING FOR SUCCESS: 1/2 credit, Required for grades 9**

In this course students will be exposed to numerous occupational fields. They will visit the different types of post-secondary schools and have guest presenters from different occupational fields. Students will complete numerous assessment tools to assist them in identifying their personal strengths, aptitudes, and personality tendencies. They will create a 4-year plan for graduation standards and for possible occupational pathways. In addition to career exploration activities, study skills and techniques to help them succeed in high school course work will be addressed. The course will also focus on important personal development topics and teen issues.

**#354 MODERN AMERICAN HISTORY A: 1/2 credit, Required for grade 10**



**#355 MODERN AMERICAN HISTORY B: 1/2 credit, Required for grade 10**

Development/Prerequisite: Early American History A and B

This course continues the studies of the Early American History class (9th grade). Beginning with the "turn of the century" (1900) era, this course examines the USA's growth at home and internationally. Units include topics such as World War I, followed by studies on the 1920s and 1930s. World War II, its causes, events and aftermath, are emphasized. "Post-war" U.S. society and the USA's role in global affairs are studied throughout the 1950s, 1960s, 1970s, 1980s, 1990s and the latest "Turn of the century" (2000). Contemporary U.S. society/current events are included.

**#356 WORLD STUDIES : 1/2 credit, Required for grade 11**

**#356 WORLD STUDIES: 1/2 credit, Required for grade 11**

(Note: students need two quarters of #356)

Development/Prerequisite: Modern American History

World Studies is designed to educate students about their cultural past, contemporary issues and future needs. Students will learn about state and worldwide issues including the developing nations and economic problems. The study of world geography will constitute a major area of study in this course. The course will attempt to develop the student's critical thinking skills as well as problem solving and decision making skills.

**#357 COLLEGE WORLD STUDIES: 1 credit, Elective for grade 11**

Development/Prerequisite: Modern American History

This course is part of the College in the High School program and satisfies the grade 11 World Studies Requirement. Students will also receive 3 college credits through the University of Minnesota - Crookston. This course is set as a semester long course that covers all of the same curriculum for the grade 11 required course, but does so at a much faster pace with more of the work load on the student. This course includes 4 major exams, 4 academic papers, along with map quizzes and large group discussions. Students must qualify for this course. Please see the guidance counselors for details.

**#358 U.S. GOVERNMENT: 1/2 credit, Required for grade 12**

This course contains the study of the government at the federal, state, and local levels. Each level of government is broken into various branches for intensive study. Also studied is the basic philosophy of democracy and other governments. Election procedures and political parties are taught for intended future political involvement.

**#359 COLLEGE GOVERNMENT: 1/2 credit, Elective grade 12**

This course is part of the College In High School program and satisfies the senior US Government requirement. Students will also receive 3 college credits through University of Minnesota - Crookston. This class is set in a block schedule for one quarter and students must participate in the "We The People" activity in St. Paul in order to receive college credit. Students must qualify for this course. Please see Guidance Department for details.

**#360 ECONOMICS: 1/2 credit, Required for grade 12**

A comprehensive study of income tax and social security takes place in this course to compliment US Government. Other topics taught are: psychological makeup of the individual and his place in society, a look at the economic structure of the U.S. and a comparison to other world economic systems.

Globalization and trade will also be featured topics. Strength and failure of our economic system will also be a focal point.

**#367 ECONOMICS: 1/2 credit, Required for grade 12 (Hybrid Course)**

This course is the same as course #360, but is offered in a hybrid format. Students will have a combination of traditional classes and on-line classes. Students registering for this course should understand the responsibility to keep up with assignments presented in an on-line format and may be assigned to daily traditional attendance if they fall behind. \*This course is being piloted for the first time in the 2011-12 school year.

**#361 20TH CENTURY WORLD HISTORY: 1/2 credit, Elective for 11-12**

This is an elective course examining the causes and interrelationships of major events of the 20th Century. Topics to be explored include the World Wars, genocide, the Cold War, the rise and fall of communism, Vietnam, and other events that shaped today's world, such as the Middle East Conflict, terrorism and current events.

**#362 INTRODUCTION TO PSYCHOLOGY: 1/2 credit, Elective for grades 11-12**

This course is designed to give students a fundamental knowledge of the basic concepts in the field of psychology. Students will study explanations and theories which can help them understand their own behavior and the behavior of others. Units of study include: personality development, development of behavior, emotional development, coping with frustration and conflict, and psychological disturbances.

**#363 ADVANCED PSYCHOLOGY: 1/2 credit, Elective for grades 11-12**

Development/Prerequisite: Introduction to Psychology

This course will be more detailed than the introductory course, but will develop many of the same ideas. Included in the course will be research methods and analysis. Discovery learning through experiments and survey is emphasized. Other units of study include treatment of psychological disturbances, adolescent development, sleep and dreams, principles of learning, and aspects of social psychology.

**#364 HISTORY OF MEDIA: 1/2 credit, Elective grades 10-12**

This course examines the history and development of Mass Media with an emphasis on human communication, especially in terms of technology uses, such as print media, radio, film, music, advertising, internet, and others. The course also studies Mass Media's influences in relation to politics, corporations, and cultural identity.

**#365 CONTEMPORARY ISSUES: 1/2 credit, Elective grades 10-12**

This course will utilize the concepts of change, global interdependence and current trends as a framework to analyze the causes, consequences and solutions to persisting global issues. A variety of media resources will be used to examine today's world events in relationship to the lives of students.

**#366 DIVERSITY ISSUES IN AMERICA: 1/2 credit, Elective grades 11-12**

This course will address such diversity issues as racism, sexism, classism, ageism, and disability rights. The course will look extensively at these issues, the history of them, and how these issues have played a

divisive role in American society. Students will ponder the question, "Can America survive with these issues so evident in society?"

## **MISCELLANEOUS**

**\*\* Students may choose one of the following three options during their high school career unless extenuating circumstances apply.**

### **#400 SCHOOL SERVICE CREDIT: 1/2 credit, Elective grade 12**

Students may receive a high school credit for services performed within the school or for a nonprofit organization. In order to earn a school service credit, a student must work at a school or volunteer task one block each day for the quarter. Students will receive a Pass (P) or No pass (N) grade on the report card for the experience. This grade is not used when computing grade point averages. Students may choose a school service elective only once for a total of one-half credit during the senior year of high school. Each school service credit will require that a contract be drawn up between a teacher or staff member in the system and the student requesting the credit approval. A weekly log sheet must be completed by the student for every week of that quarter.

### **#401 COMMUNITY SERVICE CREDIT: 1/2 credit per 60 hours of service, Elective for grades 11-12, maximum of 1 credit.**

Students are eligible to receive high school credit for services performed for a community or volunteer organization. In order to earn community service credit, a student must work at least 60 hours of volunteer service (non-paid) to earn 1/2 credit. Students will receive a pass (P) as a grade on the report card for their experience. This grade is not used when computing grade point average. A student will be allowed to earn a maximum of one community service credit toward completion of their graduation requirement. Each community service credit will require a contract between the student and the supervisor. Contracts will be evaluated at the end of each quarter. This contract must contain a job description, goals, evaluation process and specific location of service. All community service is done outside of school hours and does not substitute for courses at Albany High School.

### **#402 INDEPENDENT STUDY: 1/2 credit, Elective grade 12**

(This class would substitute for a school service. Students should not pre-register for this course.)

This is a course designed for the student who has a special interest or talent in a given subject area. Students taking Independent Study will work on their own in a subject with the support of the chosen faculty in that subject. For students to qualify for this class they must; have a 3.0 or better in that given area, have a good attendance record, have a good record of discipline, completed all courses offered in the given content area, and have permission from the instructor. Students must also submit a learning plan for teacher and administrative approval.

