

FALL CREEK HIGH SCHOOL



Course Description Booklet

This is a comprehensive book with all coursework; course offering may vary from year to year so please see the School Counselor for which courses are currently offered.

School District of Fall Creek Mission Statement

The School District of Fall Creek, along with the community, through meaningful personal connections, will provide a safe, supportive

environment that inspires students to reach their academic and personal potential and to become responsible citizens.

Revised 12/2016

The Fall Creek School District does not discriminate on the basis of sex, race, color, religion, creed, age, national origin, ancestry, pregnancy, marital status or parental status, sexual orientation, or disability.

The Fall Creek School District's coordinator for IX (sex) and pupil nondiscrimination (multiple protected groups) is Brad Ceranski, 336 E. Hoover Ave Fall Creek, WI 54742. Phone 715-877-2809 ext. 1090 email: bradceranski@fallcreek.k12.wi.us

The Fall Creek School District's coordinator for section 504/Title II of the ADA (disability) is Kelly Speckien, 336 E. Hoover Ave Fall Creek, WI 54742. Phone 715-877-2123 ext. 1036 email: kellyspeckien@fallcreek.k12.wi.us

To file a complaint of discrimination follow Board Rule 113 Discrimination Complaint Procedures. To obtain this rule please contact Teresa Reetz, (715) 877-2123 extension 1001, or Fall Creek School District 336 E. Hoover Avenue Fall Creek, WI 54742. Email teresareetz@fallcreek.k12.wi.us

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FALL CREEK HIGH SCHOOL

Fall Creek, Wisconsin

REGISTRATION INSTRUCTIONS

STEP ONE

Check the requirements for obtaining a diploma from Fall Creek High School. These requirements can be found on Page 4 of this booklet.

STEP TWO

Look over all of the class offerings for the grade you will be in next fall.

STEP THREE

Take the class offering sheet and all other information home to discuss with your parents. Do some careful planning, as your future will depend on it when you are seeking employment, entering vocational school or college.

STEP FOUR

Make your selections on the class-offering sheet by checking the course selected. All students must select a minimum of seven (7) classes (seniors may only take six (6)). Required courses will be set, but electives are up to you. Develop a class schedule for both semesters; one for first semester and one for second semester. For a course selection sheet to be valid, it must have a parent/guardian signature. If students have any questions they should see Ms. Volbrecht.

STEP FIVE

Students in grades 10 – 12 will need to make an appointment with Ms. Volbrecht to pick up their completed schedule. A student/parent meeting will be arranged at a later date (before the end of this school year) with the incoming 9th grade students and parents to pick up your completed schedule.

STEP SIX

A copy of your final schedule will be available to pick up in the high school office before school begins in September. This will be your copy for next fall.

Any schedule changes can be made prior to the end of the school year. Schedule changes after a semester begins will be rare. They will be made to fit specific educational needs, not simply for the sake of preference or convenience.

Requirements for Graduation

Content Area	Required Credits and Classes for Diploma	College Bound Admission Requirements (4 year)
English	4 Credits English 9(1), English 10(1), English 11(1), English 12(1) or AP English Literature and Composition(1)	No additional requirements needed and English Literature and Composition is a recommended course for senior year.
Social Studies	3 Credits World Geography(.5), American History(1), World History(1) and American Government(.5)	No additional requirements needed.
Mathematics	3 Credits	3 Credits Algebra, Geometry and higher
Science	3 Credits Physical Science(1) Biology 1) or Basic Biology(1) and then either Chemistry(1), Anatomy(1), Physics(1), Advance Chemistry(.5), Ecology (.5), Horticulture (.5), and Vet Science(.5)	3 Credits with at least one credit of a lab science <i>Chemistry, Anatomy and Physiology, or Physics</i>
Physical Education	1.5 Credits *Class of 2020 cannot take two Phy Ed courses in one school year.	No additional requirements needed.
Health	.5 Credits Health 10	No additional requirements needed.
Business and Information Technology	.5 Credits Information Processes	No additional requirements needed.
Finance	.5 Credits Personal Finance	No additional requirements needed.
Elective	10.5 Credits	
Total	25.5 Credits plus 30 hours of documented community service and pass the Civics test requirement.	UW Madison requires 2 years (prefers 3) of one foreign language. Other colleges could expect you to take foreign language if not taken while in high school.

All students are required to sign up for a minimum of seven courses each semester. Seniors in good academic standing may take only 6 classes per semester and apply for leave.

AGRICULTURE

Introduction to Agriculture A-

(Animal, Leadership, Biotechnological Based)

Students will explore several aspects of agriculture. This fun, project based class revolves around 2-3 week units dealing with the broad scope of agriculture. Students will find themselves involved in everything from researching global agriculture, understanding agricultural careers, Leadership, marketing projects, learning about animals, making models, animal labs, and biotechnological activities.

Year 1st semester– Elective – .5 Credit

Offered to 9-10-11-12

Introduction to Agriculture B

(Plant, Food, Wildlife Based)

Students will explore several aspects of agriculture. This fun, project based class revolves around 2-3 week units dealing with the broad scope of agriculture. Students will find themselves involved in everything from researching Wildlife, understanding plant systems, food production and processing, learning about forestry, making models, outdoor labs, FFA, and hands on activities.

Year 1st semester– Elective – .5 Credit

Offered to 9-10-11-12

Wildlife Management

If you enjoy the outdoors, this is the class for you! Wildlife is a very important part of our natural world. This course explores the history of wildlife, their populations, habitats, and management. We will also look at global warming and different ecosystems while exploring the roles that humans and animals play in these. We will study North American Game Animals. We will also explore the whitetail deer hunting tradition including regulations, scoring, and aging. Guest speakers, labs, and field trips, will be utilized if possible to make important connections with material taught in the classroom.

1st Semester – Elective - .5 Credit

Pre-Requisite: Introduction to Agriculture B (or with instructor approval) Offered to 10-11-12

Forestry and Conservation

Students will study specific topics in forestry and conservation. This class emphasizes practical forestry skills including orienteering, pruning, scaling, timber measurements, chain saw operation, timber marketing, management, soil evaluation, and general timber stand improvement practices including urban forestry.

Semester – Elective - .5 Credit

Pre-Requisite: Introduction to Agriculture B (or with instructor approval)

Offered to 11-12 (10th grade with instructor approval)

Advanced Wildlife

A class for the outdoor enthusiast! This class introduces students to the ecology and opportunities that Wisconsin's wildlife and natural resources make available to us. Students actively learn about a wide range of topics including fishing, ice fishing, sturgeon spearing, hunting, waterfowl, outdoor navigation skills, outdoor safety, hunting safety and more. This hands-on class will teach students some skills that they will be able to use into their adult lives. Students will also conduct independent projects relative to the theme of this course.

Semester – Elective - .5 Credit

Pre-Requisite: Biology, Wildlife Management Offered to 11-12

Biotechnology

Students will explore the fundamental principles of biotechnology, career pathways and biotechnology applications. Topics of study may include: plant tissue culturing; DNA, RNA, and protein technology; processing (GMO's); fermentation technology; energy and environmental management; cloning; and bioethics. Laboratory activities will be done to enhance the materials presented. This is a very rigorous subject and students must be goal oriented and hardworking. **Semester – Elective - .5 Credit Pre-**

Requisite: Intro to Agriculture A and/or biology Offered to 11-12

Horticulture

This class is designed for people who like interactive projects. Topics range from basic plant science to floral design. Students will create horticulture projects, make floral arrangements, corsages and be involved in many other projects involving flowers, vegetables, landscaping, and getting outside to conduct projects. Students will also have the opportunity to understand all of the important functions and processes involved in plant survival. This class focuses on hands on learning projects.

Semester – Elective or SCIENCE- .5 Credit Pre-Requisite: Introduction to Agriculture B (or with instructor approval) Offered to 10-11-12

Landscaping

Landscaping involves aspects of drafting, creative thinking, employability skills and knowledge to implement a landscape, and a vision for beautifying the home, business and entire community. Students enjoying carrying out a project throughout the entire semester from a rough sketch, to a final scaled draft to a computer-generated landscape and finally building a 3-D model of their original project. This class will be based on hands-on learning activities and students will be outside landscaping whenever possible.

Semester – Elective - .5 Credit

Pre-Requisite: Horticulture (or with instructor approval) Offered to 10-11-12

Livestock Production (formerly called Large Animal)

In this class students will learn about caring for and producing large animals. We will learn about dairy and beef cattle, horses, sheep, swine, goats and other assorted large animals. Animal production and evaluation will be a component of the class, which will also incorporate field trips, contests, and other hands on learning activities if possible.

Semester – Elective - .5 Credit

Pre-Requisite: Introduction to Agriculture A (or with instructor approval) Offered to 10-11-12

Pet Care and Production (formerly called Small Animal)

In this class students will learn about caring for small animals. We will spend time learning about cats, dogs, birds, reptiles, fish and other small animals. Students will work with the small animal lab

and aquaculture system to gain hands on experience and demonstrate many of the concepts discussed in class.

Semester – Elective - .5 Credit

Pre-Requisite: Introduction to Agriculture A (or with instructor approval) Offered to 10-11-12

Equine Science

This class is focused on learning about horses. The beginning of the semester will address basic equine knowledge such as history, breeds, identification, conformation, and judging. Then, we will explore concepts in anatomy, physiology, reproduction, nutrition, health, equine facilities, and management. The remaining weeks will concentrate on equitation (riding/showing).

There may be a possibility of going to a riding stable.

Semester – Elective - .5 Credit

Prerequisite: Livestock Production A (or with instructor approval) Offered to 9-10-11-12

Dairy Science

Dairy Science involves activities relating to the dairy industry, including topics such as milk product processing, milk products, herd health, housing and facilities, reproduction and marketing.

Semester – Elective - .5 Credit

Prerequisite: Livestock Production A (or with instructor approval) Offered to 9-10-11-12

Food Technology and Processing

In this class students will learn about the food industry. We will spend time learning about food safety, nutrition, and food processing. This class will take a hands on approach to learning about where our food comes from and how it gets to the table.

Semester – Elective - .5 Credit

Pre-Requisite: Introduction to Agriculture B (or with instructor approval) Offered to 10-11-12

Advanced Food Technology and Processing

In this class students will learn about the food industry. This class will focus on cooking techniques within the industry. Proper cutting techniques, sanitation, cooking practices, and must know skills for working in the restaurant industry.

Semester – Elective - .5 Credit

Pre-Requisite: Introduction to Agriculture B (or with instructor approval) Offered to 10-11-12

Vet Science

This great class is designed for the person interested in animals, medicine, or veterinary medicine. Students will have the opportunity to develop an

understanding of animal systems. The course will go cover all systems that regulate the animal's body. Students will develop a basic understanding of nutrition, genetics, reproduction and health. Students will conduct labs on animal organs and dissection.

Semester – Elective or SCIENCE - .5 Credit

***Articulated with CVTC to Count as a College elective credit with successful completion of the Course Pre-Requisite: Biology (or with instructor approval)**

Offered to 10-11-12

Agri-Science Project Based Learning

Are you passionate about agriculture or science and want the freedom to explore your passion? This class is designed to examine the scientific process allowing students the freedom to research and conduct their own project in the areas that they are passionate about. This class will establish a structure in which projects could be done and allows students the time and support to conduct their research project(s).

Semester – Elective - .5 Credit

Pre-Requisite: Introduction to Agriculture A or B (or with instructor approval)

Offered to 10-11-12

Coop Work Experience (classroom)

This is the classroom component of our work release program. Students will explore different careers, study general skills useful in most careers, and walk through the process of locating, applying for, and interviewing for a job. Taking this class makes students eligible to be released for up to two hours per day to work in an approved job under supervision.

1st Semester – Elective - .5

Credit

Offered to 11-12

Work Experience (job site)

This is the job site component of our work release program. Students must take the Coop Work Experience course and pass with a C or above to be eligible for this class. Students can be released for up to two hours per day to work in an approved job under teacher supervision.

1st Semester – Elective - .5

Credit

Offered to 11-12

ART and DESIGN

Ceramics/Sculpture

Explore the wonderful world of ceramics and sculpture. During this class you will learn how to create works of art using clay and sculpting mediums. Students will learn how to use the potter's wheel and participate in a traditional firing of ceramic works. Some of the art work created in this class will be donated to the annual Giving Bowls charity event.

Semester – Elective –.5 Credit Offered to 9-10-11-12

Drawing

Study an enriching course that explores a variety of drawing mediums such as: graphite, charcoal, colored pencil, and oil pastel. Students will create a variety of artworks that emphasize an understanding of creativity and seeing the world in an artful way.

Semester – Elective –.5 Credit

Offered to 9-10-11-12

Painting

Discover and learn about great works of painted art through the creation of exquisite paintings. Students will apply the elements of art and principles of design to develop creative compositions using spray paint, acrylic paint, and watercolor. Study great artworks by the masters of the renaissance, impressionists, color theorists, and contemporaries.

Semester – Elective –.5 Credit

Offered to 9-10-11-12

Graphic Design/Printmaking

Students will learn about different printmaking methods, and produce 2-dimensional works such as advertisements, posters, and t-shirts. Learn artful nuances of making digital art with Adobe Illustrator and Photoshop. Study the world of typography by learning calligraphy and creating animated movies using Adobe After Effects.

Semester – Elective –.5 Credit

Offered to 9-10-11-12

Advanced Art

Students that have taken an art course and are serious about developing their creative and artistic skills for a career related to Art and Design may sign up for an individualized course to be taken during the same time that another course of that same subject matter is being taught.

Must have teacher approval

Semester – Elective –.5 Credit

Offered to 9-10-11-12

Art Curator/ Teacher Assistant

For Sophomores, Juniors, and Seniors. Assist in the selection and displaying of student artwork throughout the school, office spaces, and for gallery shows. Students will gain an understanding of how artwork is critiqued and how artwork should be properly maintained and displayed. Must have teacher approval - only 1-2 students per semester

Semester – Elective –.5 Credit
Offered to 10-11-12

BUSINESS & INFORMATION TECHNOLOGY

Information Processing

This is a one-semester course which will aid the student in becoming more efficient and effective in written communications. The class is designed to provide training for personal or career and technical development. The students will review and demonstrate mastery of touch keyboarding using correct keying techniques including correct posture and finger placement. The student will improve speed and accuracy in keyboarding by using appropriate drills and timed writings. Microsoft Word 2013 will be used extensively in a variety of activities and assignments throughout the course. Some of these activities include proofreading exercises, creating and editing documents, formatting a research paper using MLA documentation style, creating a document with a table, chart, and watermark, generating form letters, mailing labels, and directories, and developing a professional newsletter. Also, a strong emphasis will be placed on helping students prepare to enter the world of work. In this unit we will cover completing job applications, writing cover letters, designing resumes, and obtaining character references. **New** – The Fall Creek Business & Information Technology Department has joined the Microsoft IT Academy (ITA) program through a partnership offered through the Wisconsin Department of Public Instruction. This program will help students learn to be productive using Microsoft Word for a wide range of jobs and other life pursuits. Higher

level/achieving students will be able to take the Microsoft Office Specialist (MOS) exam for Word at the completion of the course. The exam will be taken through CertiPort, the world leader in performance-based certification exams, at no cost to the student. Students wanting certifications in other Microsoft Office Products such as Excel, Access, and PowerPoint are encouraged to enroll in the Microsoft Office Course offered at Fall Creek.

Semester – Required – .5 Credit
Offered to 9-10-11-12

Introduction to Google Apps for Education

Come explore one of the top online alternatives to Microsoft Office, Google Docs! This new system, powered by Google, will provide a suite of Google products that will enable students to better communicate, share, and collaborate. Documents are stored online and accessible from any computer utilizing Google's cloud computing strategy. You will be joining over 12 million other students and teachers that are already using Google Apps at schools around the world.

The Fall Creek Business and Information Technology Department is excited to offer Google Apps as it represents an important step towards developing a 21st century approach to curriculum and learning. These tools will support the high levels of collaboration that are required in today's classroom to prepare students with the communication and collaboration skills they're going to need.

The Intro to Google Docs class will cover all the basics of using Google's free, web-based software and storage service. Google Docs can be used for business or personal needs, and can be used to create budgets, presentations, word processing, and even drawing. This class details why Google Docs can be so useful, what applications are available, security concerns, and hands-on instruction using various Google Docs. Upon completion of this class, students will be able to create, edit, and share their own Google Docs, as well as learn useful short-cuts and formatting considerations.

Semester-Elective-.5 Credit
Offered to 9-10-11-12

Accounting

Accounting is a one-year course designed to present introductory phases of accounting for personal use of business applications. Units on sole proprietorships, partnerships, and corporate records will be included.

Some of the activities include the accounting equation, the accounting cycle, entering transactions in journals, posting to ledgers, end-of-period statements, payroll systems, depreciation, and inventories. Automated accounting principles are integrated into many of these accounting activities. Students will complete at least one hand-on computerized business simulation to obtain exposure to financial accounting management.

New: Transcribed Credit is awarded for this course pending CVTC Transcribed Credit Approval/Annual Reapproval process. In addition to receiving high school credit, juniors and seniors who earn a C or better then have grades posted to an official technical college transcript and tabulated in the student's technical college GPA. If the Transcribed Credit is approved, students will earn 4 (four) FREE technical college credits along with 1 (one) high school elective credit.

Year – Elective – 1 Credit
Offered to 10-11-12

Computer Applications I- Microsoft Office/Photoshop

Computer applications I is a one-year course which provides students the opportunity to develop skills using current software applications encountered in the business world, college or at home. **First semester** Microsoft Office Applications provides you with comprehensive training in Microsoft Windows, Word, Excel, Access, and PowerPoint. Students will learn how to effectively use each program, as well as apply it in a professional setting. This includes practical, realworld skills that are useful in the workplace. The class provides hands-on lessons and assignments. Transcribed Credit is awarded for this course pending CVTC Transcribed Credit Annual Reapproval process. In addition to receiving high school credit, students who earn a C or better will then have grades posted to an official technical college transcript and tabulated in the student's technical college GPA. Two CVTC credits, Microsoft Office Suite, will be obtained upon completion of the course at no cost to the Fall Creek student. Microsoft Office is required for many different programs/degrees at CVTC. New – The Fall Creek Business & Information Technology Department has joined the Microsoft IT Academy (ITA) program. This program will help students learn to be productive using Microsoft Office and other software tools for a wide range of jobs and other life pursuits. At the completion of

the course, students will be given the opportunity to take the Microsoft Office Specialist (MOS) certification for Word, Excel, Access, and PowerPoint. This certification is the leading IT certification in the world. More than 1 million MOS exams are taken every year in over 140 countries. Demonstrate you have the knowledge, skills, and abilities to productively use Microsoft Office. Gain recognition among peers and employers, and a distinct edge in the competitive job market. The exams will be taken through CertiPort, the world leader in performance-based certification exams, at no cost to the student

Second semester students will learn digital photography and explore the techniques and applications of acquiring, manipulating, and outputting digitized photographic images. Photoshop, the industry-standard image-editing software, will be taught along with activities using the scanner and digital camera to produce sophisticated graphics for the Web and print. You'll learn Photoshop techniques including selecting and isolating objects, creating image composites, masking images, and improving images with retouching and effects.

Year – Elective – 1 Credit
Offered to 10-11-12

Computer Applications II–Web Page Design

Computer Applications II is a business course designed to integrate computer technology, decision- making, and problem-solving skills. This class is the first semester of a one-year course, which follows Computer Applications I. This course provides students with additional computer concepts and business applications. An overview, demonstration, and instruction of HTML software such as Adobe Dreamweaver CC will be used to design and create web pages. Additional software utilized includes Adobe Photoshop CC-animation, and Adobe Illustrator CC. Students will have the opportunity to design and publish web pages on the Go Crickets web server. It is suggested that students take Computer Applications I - Photoshop before enrolling in this class. Transcribed Credit is awarded for this course pending CVTC Transcribed credit Annual Re-approval process. In addition to receiving high school credit, students who earn a C or better will then have grades posted to an official technical college transcript and tabulated in the student's technical college GPA. Three CVTC

credits, Web1 – HTML & CSS, will be obtained upon completion of the course at no cost to the Fall Creek student.

st
**1 Semester – Elective – .5
Credit Offered to 11-12**

Computer Applications II– Desktop Publishing & Digital Video

This class follows Computer Applications II - Web Page Design and will provide advanced skills in desktop publishing used to create, format, illustrate, design and print publications utilizing Adobe Illustrator and Adobe InDesign CC. The student will receive training as a computer graphic designer with lay-out techniques needed for business projects. Adobe Premiere will be used during the fourth quarter for editing digital video to create video programs, short movies for CD/DVD or clips for the web. Students must pass Computer Applications I to enroll in this class.

**2nd Semester – Elective – .5 Credit
Offered to 11-12**

Business Computer Applications III

This class is a one-year course designed to further develop technological skills and provide business applications to demonstrate technical abilities of students. The course will begin with students utilizing skills learned in Computer Applications II to design, update and publish web pages. Web Page development skills will be taken to the next level integrating Adobe Dreamweaver CC and Adobe Edge Animate to create professional, dynamic web pages complete with interactivity, animation and sound. Students will also learn how to use Adobe Lightroom which basically is used to help your photographic images look good. Your best shots made even better! It is the only post-processing application many photographers will need and is a great choice for aspiring photographers.

Students will also be given the opportunity to explore coding and will create their own Android Apps using App Inventor 2. Adobe Premiere skills will be expanded using Adobe After Effects to produce motion graphics and visual effects for film, video, multimedia and the Web. Recording, mixing, editing, and mastering sound will be accomplished utilizing Adobe Soundbooth. It is suggested that students take Computer Applications I - Photoshop before

enrolling in this class. **Year – Elective – 1 Credit Offered to 11-12**

Video Game Development

Video Game Development is a class that allows students to discover the opportunity to create functional video games utilizing programming techniques in Game: IT by Stem Fuse and other gaming software that can be shared and played. Through text, pictures, animations, and digital video students will be able to demonstrate basic programming and design processes. Video Game Development will provide students with computer programming skills that easily translate into a variety of gaming fields and industries.

**Semester-Elective-.5 Credit
Offered to 10-11-12**

Entrepreneurship

This is a semester course, which provides students the opportunity to explore the possibilities of business ownership. Students will study the basics of business including free enterprise, economics, supply and demand, and business structures. Students will create a business plan including start-up costs, financial statements, marketing plans, personnel hiring and training. This class is for students who enjoy a “hands-on” approach to the functions of production, marketing, finance, and management in the operations of an actual business. As a class, the students will decide on a product or service to sell. They will go through aspects of running an actual business including research and development, production, pricing, marketing, selling, accounting, training, and hopefully, earn a profit on their investment.

**Semester – Elective – .5 Credit
Offered to 9-10-11-12**

Sales and Marketing

Sales and Marketing is a semester elective that focuses on the marketing activities that are found in every type of business enterprise. You will learn the benefits of marketing to our society and you personally. You will have the opportunity to explore many career options that are available in this broad field. You will learn how marketing decisions are made regarding what products and services are offered, what prices are charged, the location of products, and advertising and promotions for products and services. Emphasis will be placed on

sales, promotions, distribution, pricing, marketing-information-management, product and service management, entrepreneurship and finance, career, and professional development.

Semester-Elective-.5 Credit
Offered to 9-10-11-12

Personal Finance

Students will become aware of sources of information that can help make sound judgments and manage their financial resources. A primary focus of the course is on making wise financial decisions concerning the use of limited resources since one's quality of life is greatly affected by the application of this ability. Since you work hard for your money, you want to best utilize and manage your finances and resources to meet your goals and live comfortably throughout your life. Projects and guest speakers are part of the curriculum on personal finances that will enhance learning and let you take charge of your finances in the areas of spending plans, budgeting, insurance, consumer protection, financial scams and fraud, investing/saving, paychecks and taxes, credit, transportation, renting/buying a home, and consumer decision making/financial goal setting.

Semester – Required – .5 Credit
Offered to 12

Introduction to Business

Introduction to Business will introduce the student to the exciting and challenging world of business. The activities will increase preparation to be a knowledgeable consumer, well-prepared employee, and effective citizen in our economy. This course will serve as a background for other business courses you will take in high school and in college, prepare you for future employment or business ownership, and make you a better informed citizen for an expanding international economy.

Semester-Elective-.5 Credit
Offered to 9-10-11-12

Yearbook

Yearbook is a new class specifically designed to record the yearly history of the school, its students, and the events that occur throughout the year. It provides an opportunity for students to apply photojournalistic techniques as they work together to produce the school yearbook. Yearbook class members have the unique ability to create a "book of memories" for people for years to come. Students in this course will learn layout design; write

and fit copy, captions, and headlines; learn basic photography skills; and become more proficient using the computer to develop real world skills. Students will also have the opportunity to accept leadership positions and develop new skills as they build the yearbook utilizing curriculum provided by Jostens.

Semester-Elective-.5 Credit
Offered to 9-10-11-12

ENGLISH

English 9

Students will extend their abilities in language arts through reading, writing, speaking, and listening. Writing units include a review of the various modes of writing, including but not limited to: expository, persuasive, argumentative, compare and contrast, and poetry. Reading focus includes short stories, *To Kill a Mockingbird*, *Lord of the Flies*, *Romeo and Juliet*, *Great Expectations*, and poetry. The freshman year will also focus heavily on critical thinking skills, journaling, weekly vocabulary lessons, proofreading practice, and grammar and mechanics.

Year – Required –1 Credit
Offered to 9

English 10

This curriculum is based on the Common Core standards, which gives heavy emphasis on reading, literature, and writing. The class will read various genres of literature, including novels, fictional short stories, non-fiction short prose essays, plays, and poetry. Non-fiction units will be stressed, with an added emphasis on theme and idea, as well as oral communication and the written word. The paragraph structure will be manipulated and broken down into the various components. Vocabulary and grammar will be worked on throughout the school year.

Year – Required – 1 Credit
Offered to 10

English 11 American Literature

This class will focus on seeing the growth in American Literature from Puritan themes (*The Scarlet Letter*, *The Crucible*) to American Realism (*The Adventures of Huckleberry Finn*, *Our Town*) to American Modernism (*The Glass Menagerie*, *Catcher*

in the Rye, A Raisin in the Sun) to American Nonfiction (In Cold Blood) to Contemporary American Literature (Freedom Writers). Discussion, writing, synthesis, and formal written assessments will be used as key pieces. Oral interpretation speeches will also be used to assess students. Vocabulary and ACT prep will also be used in diverse ways to assist students for their future.

Year – Required – 1 Credit
Offered to 11

English 12

English 12 is a course that focuses on making students college and/or career ready. There is heavy emphasis on reading and analyzing texts critically, as well as responding to texts with support through clear and concise writing. Units may include: The real world college essay, short stories, The Great Gatsby, A Doll's House, Anthem and other utopian/dystopian literature, impromptu speeches, persuasive speeches, Oedipus Rex, Hamlet, a group debate speech, Black Like Me, Night, and an extensive research paper.

Year-Required- 1 Credit
Offered to 12

AP English Literature

AP English Literature and Composition is an elective English course for college bound students, designed to prepare a student for the AP English exam in May (if a student chooses to take the exam). Students who receive a score of 3 or higher, depending on their chosen university, will receive advanced placement enrollment in college English, college level English credit, or both. The course focuses on honing a student's critical reading and writing skills. Students will be engaged in the careful reading, critical analysis, and discussion of a challenging set of literary works with recognized literary merit from a range of genres (novel, short story, poetry, drama, etc.) and time periods. Through a close reading of the selected texts, and mature insightful participation in discussions, students deepen their understanding of the ways writers use language to provide both meaning and pleasure for their readers; students will also be required to respond thoughtfully and appropriately to literature through writing interpretively, critically, and/or expressively using a

confident personal voice and style. As they read, students will consider a work's structure, style, and themes, as well as smaller scale elements such as the use of figurative language, imagery, symbolism, mood, and tone.

Must have an English class 3.0 grade average to enroll in the course.

Year – Elective (can be used for English 12 credit) – 1

FOREIGN LANGUAGE

Spanish I

Spanish I is an introduction to the Spanish language and culture. Basic foundation skills in listening, speaking, reading and writing are introduced with special emphasis on pronunciation and speaking. The student will be exposed to the basic vocabulary and grammar necessary for simple and effective communication along with culture and history of Spanish-speaking countries. The course is integrated with videos, audiotapes, Spanish language TV, educational games, and real-life language use experiences in an effort to better understand the Hispanic world.

Year – Elective – 1 Credit
Offered to 9-10-11

Spanish II

Spanish II will continue the study of the Spanish language and culture using more complex vocabulary and grammar. The student will expand his/her knowledge of the language by building on the skills learned in Spanish I. A variety of cultural aspects are also presented. Students must pass Spanish I to enroll in this class.

Year – Elective – 1 Credit
Offered to 10-11-12

Spanish III

Spanish III students will increase their knowledge of Spanish grammar and culture through conversation, vocabulary practice, reading novels, and many other activities. Students who take this class will be better prepared for college level study than those who take Spanish II. Students must pass Spanish II to enroll in this class. **Year – Elective –1 Credit Offered to 11-12**

HEALTH

Health 10

Required course for sophomores designed to teach beneficial knowledge and skills that encourage students to think critically about how the decisions they make will affect their lives today and in the future. As a result of this class students will comprehend concepts related to health promotion and disease prevention. Students will analyze the influence of family, peers, culture, media, technology and other factors on health behavior. Students will demonstrate the ability to access valid information, products, and services to enhance health. Students will demonstrate the ability to use interpersonal communication skills to enhance health and avoid or reduce health risks. Students will demonstrate the ability to use decision-making skills to enhance health. Students will demonstrate the ability to use goal-setting skills to enhance health. Students will demonstrate the ability to practice health-enhancing behaviors as well as advocate for personal, family and community health. Topics included are in the curriculum: wellness, nutrition, stress management, suicide prevention, conflict resolution, mental wellness, alcohol, tobacco and other drug prevention, healthy relationships, STD prevention, disease prevention, CPR/AED training, etc.

Semester-Required-.5 Credit Offered to 10-11

**Semester-Required-.5 Credit
Offered to 10-11-12**

MATH

Algebra I

Algebra is the branch of mathematics that teaches students how to turn patterns into symbols. The curriculum is aligned with the Common Core State Standards. Topics will include the following: functions, linear relationships, simplifying and solving, systems of equations, sequences, modeling two-variable data, exponential functions, quadratic functions, and inequalities.

**Year – Required –1 Credit
Offered to 9-10-11-12**

Algebra IA & 2A

Algebra IA is a 2-year mathematics course that teaches the basic principles of algebra, geometry, probability and statistics and tech prep math. Students make a 2-year commitment to the program. Upon successful completion they have fulfilled their 2-year math requirement for graduation. They will also be prepared to continue their math education in geometry and Algebra II if the desire. Students are placed in Algebra IA based on the following criteria:

- Math grades in mid-school
- Standardized test scores
- Teacher recommendation **2**

**Full Years – Required – 2 Credits
Offered to 9-10-11-12**

Geometry

Geometry is the study of Euclidean geometry and coordinate geometry with an emphasis on deductive reasoning. The curriculum is aligned with the Common Core State Standards. Topics will include the following: shapes, transformations, angles, measurements, similarity, trigonometry, probability, congruency, proof, quadrilaterals, polygons, circles, solids, and constructions.

**Year – Required –1 Credit
Offered to 9-10-11-12**

Algebra 2/Trigonometry

Algebra 2/Trigonometry is a review and extension of Algebra I plus the study of such topics as conic sections, logarithms, complex numbers, and matrices. In addition, roughly one quarter of the year is spent studying topics from trigonometry. Algebra 2/Trigonometry is a suggested pre requisite for chemistry and physics. Students may take Algebra 2/Trigonometry concurrently with these science classes as well. Any student planning on further school beyond high school should consider enrolling in Algebra 2/Trigonometry. Students need a scientific calculator with trigonometric functions for this class. They may use a graphing calculator as well but need to be aware that certain calculators like the TI – Inspire may not be used on standardized tests at this point.

**Year – Elective –1 Credit Offered
to 10-11-12**

Pre-Calculus

Pre-Calculus builds the foundation for calculus and college mathematics courses. Topic will include the following: modeling two-variable data, rational expressions, transformations, quadratic functions, radical expressions, exponential functions, logarithmic functions, trigonometry, and limits. This course is recommended for all students who plan to take AP Calculus and/or plan to attend college. Students who enroll in this course should be highly motivated and ready to handle challenging and rigorous course work. Purchasing a TI-84 Graphing Calculator is highly recommended.

Year – Elective –1 Credit

Offered to 11-12

AP Calculus

AP Calculus is a year-long course intended to give accelerated math students a college semester of calculus while still in high school. Students must have completed Pre-Calculus successfully to enroll in AP Calculus. Approximately half the year will be spent on differential calculus, while the second half will be spent on integral calculus. The topics covered will be based on the AP Calculus curriculum. The students will have the option of taking the Advanced Placement Test in May to earn college credit for the class. Those opting to not take the AP test may still test out of beginning math classes depending on the university they attend. Ownership of a graphing calculator (TI 83 or 84 Plus) is required.

Year-elective-1 Credit

Offered to 11-12

MISCELLANEOUS COURSES

Youth Tutoring Youth

Tutors assist teachers by working with individual children or small groups of children in the K-12 grades. Tutors are closely supervised and evaluated by the teacher they assist and by the school counselor. There is also a journal or other required project to submit in order to earn credit. This program is set up as a learning experience for the tutor as well as a help to the student with whom they work. **Must have a cumulative GPA of 3.0 to qualify to YTY. You may only YTY twice while in high school. You also must be able to pass a possible background check before working with younger students and while in class, could be excused from course if behavior occurs that would change your background check information.**

Semester – Elective – .25 Credit

Offered to 11-12

Wildlands

The Augusta Science Research Charter School, is a learning community of scientists, young and old -- students, teachers, and community experts designing and completing a wide range of projects focused on an even wider range of topics. The school is a partnership between the School District of Augusta and Beaver Creek Reserve. Any student in the area can attend Wildlands. The school has a 7th and 8th grade integrated middle school and advanced research programs for high school students. Augusta area students and students from other districts can apply for a spot in the school's population. For more information contact the school counselor. Typically this program is for advance electives in science, but there are many other subjects that can be studied. You must apply to get into this program.

Semester-Elective-.5 Credits per class

Offered to 11-12

MUSIC

Concert Band

The Fall Creek High School Concert Band studies a vast array of appropriate wind band literature, representing a variety of musical styles and time periods. Students will learn to become technically proficient on their instrument with an understanding of the elements of music, such as rhythm, melody, harmony, as well as music theory and music literacy. Public concerts, festivals, and possible sectional lessons are a required part of this course. In addition, all band students are expected to participate in selected pep band/marching band events. Prerequisite: Completion of Middle School Band or Instructor permission.

Year – Elective – 1 Credit

Offered to 9-10-11-12

Jazz Band

The Fall Creek Jazz Band is a performance ensemble comprised of traditional big band instrumentation. This group performs for numerous concerts and jazz festivals throughout the school year. The course meets from 7:20 a.m. to 7:50 a.m., opposite show choir. All jazz band members must also be members of concert band. **Prerequisite: Member of concert band**

or instructor permission. Year – Elective – .5 Credit
Offered to 9-10-11-12

Concert Choir

Concert Choir is a mixed choir designed for those students interested in learning about vocal music through the study and performance of quality choral music. This course is offered as one credit and will meet every day.

Year – Elective – 1 Credit
Offered to 9-10-11-12

Treble Choir

Treble Choir is an auditioned ensemble for those students interested in singing 2-4 part treble choral repertoire. Since this is a smaller ensemble, students will receive a greater deal of one-on-one instruction, which will aid in the development of their singing voice. This course is offered as one credit and will meet every day.

Year-Elective- 1 Credit
Offered to 9-10-11-12

Show Choir

Show Choir is an auditioned ensemble where students study Pop and Broadway music, along with choreographed dance. It is a course built on skills obtained through participation in either Concert Choir or Treble Choir. It is recommended you be a member of either of those ensembles in order to participate in Show Choir. The course will meet every other day from 7:20 am to 7:50 am.

Year – Elective – .5 Credit
Offered to 9-10-11-12

Music and Popular Culture

Music and Popular Culture is a general music course designed to give students an understanding of how music influences and reflects mass media, political ideals, and popular culture. Students are taken on a time journey through classical, jazz, musical theater, and popular music styles. Music is studied in a modern light through an examination of motion pictures, television, musicals, theater, and the recording industry.

Semester – Elective - .5 Credit
Offered to 9-10-11-12

Basic Guitar Class

If you have ever wanted to learn how to play the guitar but didn't know how to begin - here's your chance! This is a fun elective course for anyone who would like to learn to play the guitar. It is geared toward beginning to intermediate guitarists with little to no experience playing guitar, but open to any student who would like to learn more about the instrument. Students will learn a number of songs through learning open chords, power chords, movable chord forms, and single note melody playing. They will also learn about songwriting, soloing, improvising, accompaniment techniques, and a variety of playing techniques and styles - including both pick style and finger style approaches to the guitar. The course also includes learning basic music fundamentals and theory, including learning to read standard music notation as well as tablature. In addition, students will be encouraged to attend performances, as well as perform themselves. Guitars will be provided for all students.

Semester-Elective-.5 Credit
Offered to 9-10-11-12

*****Class Fee: \$30 (students will get books and other resource materials that they will be able to keep and use.)**

Advanced Guitar Class

This course is a natural "next-step" extension of Basic Guitar. This class takes the concepts developed in the Basic Guitar course and develops advanced solo, as well as ensemble, guitar playing skills. Concepts include: advanced chord voicing, note reading, scales and chords, soloing and improvising, song-writing, using electric guitar and bass (amps, effects, etc.), developing a band sound, recording, ensemble playing, and an understanding intermediate and advanced music theory. In addition, students will be encouraged to attend performances, as well as perform themselves. Students are encouraged to provide their own guitars; however, guitars will be provided for all students. **Pre-requisite: Basic Guitar, or approval by**

Instructor
Semester-Elective-.5 Credit
Offered to 9-10-11-12

*****Class Fee: \$30 (students will get books and other resource materials that they will be able to keep and use.)**

Introduction to Music Theory

Whether you have just begun to play an instrument, or have been playing or singing for years; Introduction to Music Theory is for you! This class will help you become comfortable with musical notation, help you discover how music is organized, understand the underlying concepts of musical sound, and help you understand music at a completely new level! No previous theory training is required. This course is a must for students considering taking music courses at the collegiate level. Topics include: treble, bass, and tenor clefs; accidentals; musical intervals; writing & identifying major & minor scales; musical modes; major, minor, augmented, and diminished triads; chord inversion; rhythm & meter; ear training; sight singing; basic piano keyboarding skills; and simple 4-voice music composition.

Prerequisite: must have taken any music class before, or by instructor's approval. Semester-Elective-.5 Credit Offered to 11-12 or by instructor approval

PHYSICAL EDUCATION

Physical Education

Physical Education at the Fall Creek High School is a required course. During the student's four years they attend high school, they must take a minimum of three (3) semesters of Physical Education. Starting with the class of 2020, students are only allowed to take one semester of physical education per year. A student may not take more than three (3) semesters of physical education unless they have permission from principal and school counselor. Physical education provides students with a standards-based program of instruction designed to develop motor skills, knowledge and behaviors for active living, physical fitness, sportsmanship, self-efficacy and emotional intelligence.

Physical Education (class will be called Team Sports) in the fall semester emphasizes team activities and sports (examples are flag football, ultimate Frisbee, team handball, and lacrosse). Other units that are required for all students include: dance, personal fitness, self-defense, and adventure education. This class would be better for students looking for team activities and working in larger groups.

Physical Education in the spring semester (class will be called Individual and Lifetime Activities) will emphasize individual/dual/lifetime activities such as

golf, volleyball, badminton, and pickle ball. Other units that are required for all students: dance, personal fitness, self-defense, and adventure education. This class is suggested for students who prefer small-sided activities and working alone in pursuits of activity.

**Semester – Required –.5 Credits
Offered to 9-10-11-12**

SCIENCE

Physical Science

This course is required for all freshmen to provide them with a broad understanding of the physical environment. The main content areas that are emphasized include astronomy, chemistry, and physics. Course work includes lectures, group discussions, laboratory work and various projects.

**Year – Required – 1 Credit
Offered to 9-10-11-12**

Biology

Course content includes basic concepts regarding living conditions, heredity, and the classification of living things. A study of the plant kingdom and microbiology are also included, with special emphasis on infectious diseases and their prevention. The human body is studied, followed by a survey of the animal kingdom including both invertebrate and vertebrate forms. Course work includes lectures, laboratory work, demonstrations, group activities, and special projects.

**Year – Required –1 Credit
Offered to 10-11-12**

Chemistry

Course content includes a study of the structure and nature of matter, basic chemical reactions, the naming of inorganic and organic compounds and quantitative calculations regarding proportions of substances involved in chemical changes, solution concentrations, etc. Course work consists of lectures, demonstrations, laboratory experiments, problem solving exercises, and group activities.

**Year – Elective – 1 Credit
Offered to 11-12**

Anatomy & Physiology I

This course is designed for students who desire a detailed study of the human body and is

recommended for those interested in pursuing a career in the health or medical professions. Course work includes lectures, group discussions, laboratory work, and research into diseases that affect the human body. Students are required to have passed Biology with at least a B to enroll in the class.

This course is heavily concentrated on biochemical processes in the body, so Chemistry is also **STRONGLY** recommended.

1st Semester-Elective-.5 Credit

Offered to 11-12

Anatomy and Physiology II

This course builds on concepts learned in Anatomy and Physiology I by using structural and biochemical themes addressed in the first semester to study specific systems of the body. Although not all systems will be covered, students will get a solid framework for building their knowledge of each system and how they work together to make a functional organism. Furthermore, students will gain vital memorization and medical terminology skills. Animal dissections, labs, lecture, and group discussion will be part of the course itinerary. Lastly, students will have the option of organizing a job shadow experience that pertains to anatomical study or analyzing an anatomically themed novel. Students must pass Anatomy and Physiology I to enroll in this class.

2nd Semester- Elective-.5 Credit

Offered to 11-12

Ecology

This course is study of ecological relationships, with special emphasis upon how local plants and animals interact with one another. Course work includes lectures, demonstrations, and field trips to areas of local ecological interest, lab activities, observing wildlife, virtual field trips, and a project. This course is especially valuable to students interested in careers in fish or game management, forestry, conservation, or environmental science. Students must pass Biology to enroll in this class.

Semester – Elective – .5 Credit

Offered to 11-12

Advanced Chemistry

The course begins with an intensive review of the principles covered in General Chemistry.

Following this, a more in-depth study of thermochemistry, chemical equilibrium, oxidation-reduction reactions is undertaken. This is followed

by a study of organic chemistry with an emphasis on the chemistry of living things. Included in the course are lectures, demonstrations, laboratory experiments/activities. Students must pass Chemistry to enroll in this class.

Semester – Elective – .5 Credit

Offered to 12

Physics

This is a general course in physics, investigating the physical properties of matter, and matter-energy relationships. Emphasis is placed upon the nature of various forms of energy and their properties. Course work includes lectures, demonstrations, and laboratory work and library research.

Students must pass Geometry to enroll in this class.

Year – Elective – 1 Credit

Offered to 11-12

SOCIAL STUDIES

World Geography

World Geography is designed to make you familiar with basic land formation, locations, map-making and reading skills, natural resources offered by the land and the ability to use this information in your daily life. We accomplish these goals by doing a lot of hands-on projects and outdoor exploration of the geography around us.

Semester – Required –.5 Credits

Offered to 9-10-11-12

American History

This class will cover the period of history from the civil war to the present. It is a survey course intended to give the students background information on the building of our country. Various problems and concepts are studied and analyzed.

Year – Required –1 Credit

Offered to 10-11-12

Social Issues

Social Issues is a survey of the basic concepts, methods, and principles used in the scientific study of human interaction. Emphasis is on such distinctively sociological concepts as socialization, social stratification, social organization, minority groups, deviant behavior and social change.

Semester – Elective – .5 Credit

Offered to 11-12

Crime & Justice

Crime & Justice is a class that examines the ways in which the legal system works and functions in the United States. In this class major focuses are the following: an introduction to the law, the court system, trial proceedings, criminal law, civil law, crime trends in America, citizens' legal rights and responsibilities, and possible career opportunities within the legal realm. Students will have the opportunity to learn practical information related to the law, interpret a variety of common legal terms, analyze legal situations, and listen to guest speakers discuss information about career opportunities involving the law and criminal justice.

Semester – Elective – .5 Credit
Offered to 11-12

American Government

This course will investigate the relationships between citizens and their governments. The major focus of the class will be to study the effects of the three branches of government (executive, judicial and legislative.) Units that will be studied include the citizen and politics, state and local governments, national governmental institutions and global political systems.

Semester – Required – .5 Credits
Offered to 11-12

World History

This course will examine the origins of world cultures. We will look at the many different cultural, religious, and political ideals that the regions of the world support. The intent of this class is to give you a solid understanding of the world in which we live in today.

Year – Required – 1 Credit
Offered to 11-12

Introduction to Psychology

This course is intended for those students who are looking to discover what the field of psychology is all about. We will explore the foundations of psychology, the different areas of psychology and how these ideas apply to your life. Introduction to Psychology will give you a strong foundation for continuing your education in the area of psychology. This course is ideal for those who are looking to either take Advanced Placement Psychology as a senior or as "pre - psychology" for post-high school education.

AP Psychology

Students will explore the basic concepts of psychology, including the history of psychology, psychological methods, biological influences on behavior, sleep and dreams, sensation and perception, cognitive development, personality, intelligence, abnormal psychology and how these topics impact your life. Students should expect that the course will be at a college level of study and will have the opportunity to take the placement examine to obtain college credit. **Must have a cumulative GPA of a 3.3 in core coursework to enroll in the course.**

Year – Elective – 1 Credit
Offered to 11-12

TECHNOLOGY

Applied Power

In this class students learn about energy and how we use it in motors, generators, and engines. They will build small motors to see how they work. Students learn about how an engine works and apply that knowledge to hands-on activities including disassembling/reassembling a 6 horsepower engine. Students will also learn about chainsaw, ATV, snowmobile, and motor bike maintenance. Students will also disassemble and rebuild a 20 hp Honda engine or will have time to troubleshoot and repair mechanical projects of their own.

Semester – Elective – .5 Credit
Offered to 10-11-12

Applied Power-Energy Efficient Vehicle

In this class, students will design, engineer, build, test, and race an energy efficient vehicle (go cart size). Students will design the vehicle using CAD software; work on a small engine, making it as efficient as possible; build the vehicle frame; design and build the transmission; build the vehicle body; work with local experts; and more. All of this class's time is spent learning while working of the vehicle. In the end the vehicle will be taken to a competition to compete against other schools.

For more info go to:
<http://www.challengewisconsin.org/>

Semester – Elective – .5 Credit

Prerequisite: Applied Power

Offered to 10-11-12

Advanced Woodworking

Advanced Woodworking is a course designed to further develop knowledge and skills in woodworking. Students will maintain and operate all machines. Students in Advanced Woodworking must research for a woodworking project(s) that will keep them busy all semester. Students will be required to create a portfolio that shows the building process. All students will keep a daily work log as well. This is a great class to make a project that you can take home and use for a very long time. Students will be responsible to pay for the materials being used for their projects.

Prerequisite: Material Processes.

Semester-Elective-.5 Credit

Offered to 10-11-12

Architectural Design

This class will teach students the principles of good architectural design. Students will sketch and draw with pencil and paper along with learning how to use the CAD (Computer Aided Design) program Autodesk Revit. Students will work on designs for residential and commercial buildings. The semester project will consist of designing a complete set of house plans on the computer. The class will also learn about career opportunities and meet people working in related jobs. This class is great for students interested in careers in architecture, construction, 3D software, design, engineering, art, and other related fields. This class is also great for any student because the content relates to the homes we live in or will live in someday.

Semester - Elective - .5 Credits

Offering 10-11-12

Transcripted credit CVTC 475-112 Basic Construction and

Printreading 2 credits

Students who have earned a 75% or better in Geometry and are taking this class and Construction Technology in the same school year have the opportunity to earn 2 credits from CVTC at no cost.

Car Care (Consumer Auto Mechanics)

This is a basic car-care course that introduces students to the automobile, its systems, preventive

maintenance, troubleshooting, insurance, buying cars, new car technologies, and other fundamental information. Students will learn how to change tires and oil, work on brakes, check fluids, do basic body work, create emergency kits and more. The class plans on making repairs to a class car typical of many high school students' cars, then selling it at the end of the class. No mechanical experience needed, this class teaches you the basics everyone should know.

Semester – Elective – .5 Credit

Offered to 11-12

Construction Technology

This course will provide instruction and experience in: estimating, CAD, surveying, foundation and concrete work, structural framing, roofing, mechanical systems, electrical, finish carpentry, commercial construction and more. Students will work on projects like storage sheds, concrete slabs, outdoor yard structures, electrical wiring and more. Using the knowledge learned in class and while working on projects students will design an energy efficient home on the computer. This class is for students who like to do hands on projects, want to know a little more about construction or are interested in a career in the construction industry. Optional: Students who have earned a 75% or better in Geometry and are taking this class have the opportunity to earn 2 credits from CVTC at no cost.

Prerequisite: Material Processing

Semester – Two hour block – Elective – 1 Credit

Offered to 11-12

Transcripted credit CVTC 475-112 Basic Construction and Printreading 2 credits

Students who have earned a 75% or better in Geometry and are taking this class and Architectural Design in the same school year have the opportunity to earn 2 credits from CVTC at no cost.

Cricket Manufacturing

In this very hands-on class students will work together to create their own company focused on manufacturing products. If possible students will work with a local business to make a product or will come up with products of their own to market and sell. Students will create their own mock company with various jobs including marketing, accounting, and human resources. All students will be involved in the manufacturing of the product. Students will learn the skills needed to design and make the product along with general employability skills.

Projects may involve use of all of the equipment in the shop and computer lab including the 3D printer, CNC plasma cutter, and more. Depending on the products made students may be able to earn a profit on part of the sales.

Semester – Elective - .5 Credit

Prerequisite: Material Processing

Offered to 10-11-12

Home and Auto

This course is broken into two parts focusing on teaching students the basics of owning a car and the basics of owning and caring for a house through classroom and lab activities. The car care portion will introduce students to the automobile, preventive maintenance, troubleshooting, insurance, buying cars, new car technologies, and other fundamental information. Students will learn how to change tires and oil, change wipers and bulbs, check fluids, create emergency kits and more. No mechanical experience needed, this class teaches you the basics everyone should know. The home portion of the course will teach students the basics of how their house is built, home maintenance, home expenses, buying and selling homes. In the lab students will build a wall, drywall the wall, patch and paint the wall, learn basic plumbing and electrical, build a picture frame, and more. No mechanical or building experience is needed, this course is a must for every student who will someday live on their own and/or drives a car. Lots of fun learning.

Lab Fee: \$8

Semester – Elective – .5 Credit

Offered to 11-12

Introduction to Engineering Design/CAD

Students will be introduced to the engineering design process utilizing SolidWorks 3D Computer Aided Design (CAD) software. Emphasis on 3D skills and relevant applications in STEM science, technology, engineering, and mathematics is explored through a series of lessons, exercises and projects. Students will design, engineer, and build a trebuchet; make 3D looking parts, and take a Lego model and build it on the computer. They will also team up with a local business to make one of the parts they design. Students will take the Certified SolidWorks Associates exam which is an industry recognized exam. This class is for students interested in science, manufacturing, technical and mechanical careers, engineering, computers, electronics, art, design and other related fields.

Optional: Students have to opportunity to earn 3 credits from CVTC for taking this class at no cost. Students passing the CSWA exam will earn an additional 3 credits at no cost.

Semester – Elective – .5 Credit

Offered to 11-12

Transcripted Credit: CVTC 606-130 Solid Modeling I, 606-131 Solid Modeling II

Material Processing

This class focuses on how we change the natural world around us into more useful products. Along with learning about different materials and their uses, students put this knowledge to use. They build a bookcase from lumber and plywood, plastic pellets into a screwdriver, join metals by learning to weld, weld together a simple metal sculpture, and more. Before working, students learn about the process they will be performing and how to work safely. Students also get to learn about many different jobs that involve designing and manufacturing products by taking tours of local businesses. **Lab Fee: \$ 35 to cover project costs.**

Semester – Elective – .5 Credit

Offered to 9-10-11-12

New Technology

This hands-on class gives students chances to apply STEM: Science, Technology, Engineering and Math to solve problems and learn about various technologies. A class favorite is learning about density and buoyancy, and then applying that knowledge to build cardboard boards that are raced on the Fall Creek pond. Some other areas that students may explore: Bridge design and engineering on the computer, then building and testing them; robotics; electronic and hydraulic controlled; and designing a CO2 powered car on the computer, then building and racing it.

Semester – Elective – .5 Credit

Offered to 9-10-11-12

Video and Television Production

Students will learn about video production while writing, producing, and editing videos. Students will also learn about television production by creating their own newscast while using green screen technology. As part of this unit the class tours WEAU 13. Students will also learn about and work with podcasting, Skype, basic computer animation, and video game design.

Semester – Elective – .5 Credit

Offered to 9-10-11-12

Welding

This course will help students further develop basic welding skills in oxyacetylene welding, Stick/ Arc Welding (SMAW), and Wire-feed/MIG (GMAW). Students will also learn the basics of TIG welding and metal cutting procedures using plasma and oxyfuel. Students will gain skills in laying out projects from shop sketches or blueprints used in the welding industry. This is a hands-on learning environment to develop welding skills and safe welding practices. Students will be trained how to use the school's CNC plasma cutter and will be able to use it for projects. Students will complete required welds and a project of their own choosing. Projects may include: metal art sculptures, campfire grills, tables, or whatever you can think of. The class

will tour local manufacturers to see welding related careers in our area and participate in a local welding competition.

Optional: Students taking this class have the option of earning 2 credits from CVTC at no cost (additional lab time required).

Prerequisite: Material Processing Costs:

Lab fee \$10

Students must buy any metal/materials they need for the project of their choice. Student will get to keep the projects they make.

Transcripted credit CVTC 442-120 Related Welding – Diesel Mechanic 2 credits **Semester-Elective- .5 Credit Offered to 10-11-12**

Transcripted credit CVTC 442-120 Related Welding – Industrial Mechanic 2 credits.

Fall Creek School District Alternative Education Program

Program Description

The Fall Creek School District Alternative Education Program is a program designed to serve all students in grades 6-12. The goal of the program is to provide a self-paced, individualized and enriched learning environment that will allow students to succeed. The program is based on the belief that every student has the ability and the will to succeed. Our small class sizes allow for individualized and more one-on-one instruction, in addition to cooperative learning. The Alternative Education Program provides students with innovative, nontraditional approaches to meet their high school graduation requirements while at the same time gain the 21st Century skills they need to be ready for college or vocational training.

While the educational delivery system in the program differs from the traditional classroom, the expectations are the same. Our desire is for each student to accept nothing less than his/her very best performance. The educational delivery system is a web-based program called GradPoint. GradPoint is a comprehensive online learning solution that engages today's digital learners through interactive activities, up-to-date videos, links to the global world through the web, immediate feedback, and lessons built on instructional design best practices. As a web-based program, GradPoint provides a virtual and blended learning environment where students have 24/7 access giving them the flexibility to complete their coursework any time and any place. In addition, the program allows the students to self-direct their learning and excel through the courses as they demonstrate mastery of the required skills. GradPoint offers students courses developed by education leaders and awardwinning curriculum that correlate to state standards. These courses include the entire core curriculum for both middle and high school, in addition to Career Technical Education (CTE), general studies, humanities, world languages, and National Test Preparation courses. The following list is just a few of the over 150 rigorous, multimedia courses (Note: New courses are continually being added each semester.):

Career Technical Education:

- Computer Programming I
- Introduction to Social Media
- Introduction to Agriscience
- Introduction to Business
- Introduction to Astronomy
- Java Programming I & II
- Introduction to Homeland Security
- Introduction to Medical Assisting
- Theater, Cinema & Film Production
- Introduction to Early Childhood Education
- Veterinary Science
- Medical Terminology
- Criminal Investigation
- Forensic Science I & II

General Studies:

- Peer Counseling

- Personal and Family Finance

- Real World Parenting

Humanities:

- Philosophy

- History of the Holocaust

- Anthropology I & II

- World Religions

- Mythology & Folklore

- Art in World Cultures

National Test Preparation:

- ACT Preparatory Courses and Practice Test
GED Preparatory Courses

- SAT Preparatory Courses and Practice Test -

Procedure for Enrollment

Enrollment is limited to the first 96 students each semester. So, if you are interested in enrolling or just want to review a GradPoint Course Catalog with course descriptions and complete course outlines, please contact Mr. VanDong.

Articulation Agreements and Transcribed Credit

Articulation Agreements are just fancy words for an arrangement between your high school and CVTC, where a class you take in your high school (maybe it's accounting) counts for college credit at CVTC. When you enroll at CVTC you won't have to retake something you already took in high school, saving you time and money. CVTC offers articulated credit in the form of Transcribed Credit.

Transcribed credit courses are actual CVTC courses, using college textbooks and materials, but they are taught in your high school by your high school teacher. College credits are awarded and recorded on a CVTC transcript upon successful completion of the course. Courses taken for college credit appear on your transcript and shall be transferable to other technical college who have the same program or may be able to be used towards some UW programs.

University of Wisconsin System & Technical College Entrance Requirements

The following are samples of admission requirements for universities and technical colleges. Specific information on individual schools is available in the School Counselor's Office. It is very important that students be properly prepared for post-secondary plans. Proper course selection in grades 9-12 is critical. Admission requirements to 4-year colleges or universities vary with each school. Generally, high school preparation must include a minimum of four years of English with an emphasis in composition and literature, three years of math beginning with Algebra, three years of social studies, three years of science including some advanced coursework and two years of any single foreign language. In addition, the student's GPA, rank in class, and college entrance exam scores (ACT or SAT) are taken into consideration in determining admission eligibility. Admission requirements to technical colleges start with a high school diploma. Individual programs may require special high school courses as a pre-requisite to entry. An example would be the "electro-mechanical program" which requires 3 years of math beginning with Algebra. For specific program requirements, consult the School Counselor.

An Overview of the Advanced Placement Program

What is Advanced Placement? The advanced placement (AP) Program is a cooperative educational endeavor between the secondary schools and colleges and universities. It allows high school students to experience college-level academic learning through AP courses, and gives them the opportunity to show they have mastered the advanced material by taking AP exams. Exams are a combination of multiple-choice and essay questions. Every examination receives an overall grade on a five-point scale: 5 (extremely well qualified); 4 (well qualified); 3

(qualified); 2 (possibly qualified); and 1 (no recommendation). Students can receive credit, advanced class placement, or both, from thousands of colleges and universities that participate in the Advanced Placement Program.

AP courses make substantial academic demands on students. Students are required to do considerable outside reading and other assignments and to demonstrate the analytical skills and writing abilities expected of first-year students in a strong college program. This experience helps them develop the intellectual skills and self-discipline they will need in college.

What are the benefits of Advanced Placement?

Selection of advanced placement courses will benefit students in the following ways: Provide college credits for courses successfully taken in high school.

Exempt them from some introductory college courses, thus permitting students to move more quickly into advanced classes.

Motivate them to attempt more challenging courses in both high school and college. Develop, in a high school environment, the study skills and habits they will need in college. Bolster their confidence that they can meet college requirements.

Reduce college costs and time to obtain a degree.

Colleges view advanced placement experience as a plus for admissions.

How difficult are AP courses?

AP courses are introductory college courses, so they are not easy, but neither are they impossibly difficult. AP courses require more time and work, but in doing so, you gain in many ways.

If I don't get a good grade on an AP exam, will it hurt my chance for college admission?

Generally, it is to your advantage to submit all evidence of your college-level work because: College officials evaluate courses based on the quality of the course as well as the grade received. If you report AP grades before your senior year, you will be informing colleges that you are serious about your studies. If you take an examination as a senior, colleges will not receive your grade before July, well after you have been admitted. You can control the reporting of your AP examination grades. When taking the exam, you indicate on your answer sheet the name of the college you wish to receive your grades. Later you can write to the AP Program and request your grades be sent to the colleges of your choice. Can I take an AP exam without taking an AP course?

Taking an AP course is the best preparation for an AP exam. However, some students who have a strong background in certain areas may be able to perform quite well on an AP exam.

How much credit can I expect to get from an AP course and exam?

You will receive high school credit for taking an AP course. Each college decides which AP exam grades it will accept for credit for advanced placement. Most colleges accept grades of 3 and above awarding 3 or more college credits. Information about acceptance of AP credits at Wisconsin Universities is available through the Gearing Up link at www.uwhelp.wisconsin.edu.

What are the costs associated with AP?

AP exams are three hours in length, and the standard fee for an exam is \$89. The College Board has initiated an AP Fee Reduction Policy for low-income students.

What curriculum areas have an AP course?

Calculus AB, English Literature English Composition and Psychology

How do I get involved in AP?

An AP teacher, school counselor, or principal can help you determine which AP courses may be good for you. Plan ahead in the ninth or tenth grade so you will have the appropriate background courses for the AP classes offered during your junior or senior year.

Overview of the Youth Options Program

The Youth Options program allows all public high school juniors and seniors who meet certain requirements to take post-secondary courses at a Wisconsin technical college or institution of higher education. An institution of higher education (IHE) includes UW System institutions, tribally controlled colleges and private, nonprofit institutions. The program opens the door to greater learning opportunities for students who are considering a technical career, students wishing to begin college early, or students who want to prepare to enter the workforce immediately after high school graduation. The student does not have to pay for a postsecondary course if the school board determines the course may receive high school credit and the course is not comparable to a course offered in the school district. If approved by the school board, the student will receive both high school and postsecondary credit for a successfully completed course. Eligibility and Student/Parent Responsibilities: Since all public high schools participate in the Youth Options program, all juniors and seniors in Wisconsin Public Schools who meet the requirements are eligible.

To qualify for the program, a student must: Have completed the 10th grade, and attend a technical college, be in good academic standing, and have an acceptable disciplinary record.

Apply to the postsecondary institution in the school semester prior to the one in which the student plans to attend. Notify the school board designee (complete form PI-8700A) of the student's intention of enrolling in a postsecondary institution no later than March 1 for a course to be taken in the fall semester; October 1 for a course to be taken in the spring.