

December 2015

Dear Students, Parents/Guardians,

This booklet is designed to provide you with information concerning the high school program and career preparation. It is necessary that you read through the course offerings and make a determination as to which courses best suit your needs. It has been prepared to assist you in the development of your educational program.

Be sure to read and understand the requirements for graduation (page 3). As you plan your schedule each year, be sure to include the subjects required each year. Also, please note that many subjects have prerequisites that are described in this course booklet.

Please be certain that you make your choices carefully. There are powerful opportunities that we offer you at Campbellsport High School. We ask that you make sure that your plan reveals direction. If you are uncertain as to that direction, please make an appointment with your School Counselor.

We see three plans of action that can be chosen for our students. They are:

- Plan for entrance to college/university
- Plan for entrance to technical college
- Plan to enter military and/or workforce (including apprenticeships), etc.

Whichever plan is chosen, it is our hope that the decision will be made jointly by parents/guardians and students in consultation with a School Counselor when necessary. Please remember that classroom teachers and administrators as well can be very valuable with insight into decision-making.

All students must take 8 credits per year. You must also choose **two** alternate classes. Sometimes it is impossible to program a first choice class because of a conflict in the schedule. If you name other subjects which interest you, you will be scheduled into a desirable class.

Each student will meet individually with a counselor to review his/her schedule in April/May. **Please inform your counselor if you want an academic area to be first semester to limit any gaps.** We will work diligently in order to coordinate a schedule with which you will be comfortable. Please remember that **once your classes have been chosen and you have met with your School Counselor regarding next year's schedule, no changes will be made** unless a credit deficiency exists. **This ensures proper maintenance of student/staff ratio as predicted by registration.**

Sincerely,

The Counseling Department

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HIGH SCHOOL GRADUATION REQUIREMENTS

To be eligible for Campbellsport High School graduation:

1. Twenty-eight (28) credits will be needed for high school graduation, which shall be earned in grades 9-12.
2. The minimum number of credits earned in grades 9-12 shall include credits earned in the following subjects:

English	4 credits
Social Studies	3 credits
Math	3 credits
Science	3 credits
Physical Education	1-1/2 credits*
Health	1/2 credit
Personal Finance	1/2 credit
Electives	12-1/2 credits

* Students may take one-half credit in an alternative subject in lieu of one-half credit of physical education as determined by Policy 345.64.

3. Required course sequences for each subject shall be defined in student handbook.
4. Transfer students that have completed a semester long Health Education class in 7th or 8th grade taught by a licensed health education professional may be considered to have met the Health graduation requirement. No high school credit is awarded.
5. Transfer students are eligible for graduation if: 1) they maintain the above requirements during their tenure at this school; and 2) if they maintained the requirements for graduation at the school they previously attended.

Special Needs Students

Students with disabilities shall meet general graduation requirements with appropriate accommodations and curricular modification as determined by their Individual Education Plans (IEPs).

Graduation issues will be addressed by the IEP team on an individual basis. The IEP is the vehicle for making changes to graduation requirements to meet the unique educational needs for students with disabilities. As such, the IEP must document the nature and extent of modifications, substitutions, and/or exemptions made to accommodate a student with disabilities. The decision to terminate services, through graduation, for a student with disabilities under the age of twenty-two, is an IEP team decision.

Legal Reference: Wisconsin State Statues 118.30; 118.33; and 121.02(1)(s)

Cross Reference: 342.1 Programs for Students with Disabilities
345.61 Approved High School Programs/Activities
346.62 Early Graduation
345.63 Veterans Diploma
345.64 Physical Education Credit Option

Adopted: November 3, 2003

Revised: January 22, 2007; July 7, 2008; December 8, 2008, November 19, 2012

COLLEGE ADMISSION REQUIREMENTS

College bound students should make sure to program adequately in order to comply with admission requirements of the college of their choice.

Listed here are the general UW System academic requirements for admission. These are minimum requirements. Each institution may specify additional unit requirements, class rank requirements and ACT requirements.

A minimum of seventeen academic high school credits are required for college admission.

English	4 Credits
Social Studies	3 Credits
Mathematics	3 Credits (Algebra and above)
Natural Science	3 Credits
Electives	4 Credits

TOTAL	<u>17 Credits</u>
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Electives: chosen from the above areas, foreign language, fine arts, computer science, and other academic areas.

GRADE POINT AVERAGE

Cumulative GPA will be calculated at the conclusion of each semester. The final grade for each class will be used to calculate cumulative G.P.A.

Grade Points - 4.000 A+
4.000 A
3.667 A-
3.333 B+
3.000 B
2.667 B-
2.333 C+
2.000 C
1.667 C-
1.333 D+
1.000 D
0.667 D-

LAUDE SYSTEM

The Laude System recognizes the high achievement levels of our students. Laude recognition ensures that students complete rigorous classes throughout the high school career. Students must receive credit in laude approved classes in order to receive this distinction and to be eligible for valedictorian and salutatorian of their respective class. Rank at the conclusion of 1st semester of senior year will determine valedictorian and salutatorian and the recipient of the Academic Excellence Scholarship.

LAUDE AWARD LEVELS:

Laude: 3.25-3.39
Cum Laude: 3.4-3.59
Magna Cum Laude: 3.6-3.79
Summa Cum Laude: 3.8 or above

TIMELINE:

Implement for 15-16 school year
3 laude credits for class of 2016
6 laude credits for class of 2017
9 laude credits for class of 2018
Full implementation for class of 2019 (12 total)

CLASSES RECOGNIZED IN THE LAUDE SYSTEM:

English:	Honors English 9	Honors English 10	AP Language
	AP Literature	Research Writing	
Math:	Honors Geometry	Honors Algebra 2	Honors Pre-Calculus
	AP Calculus	AP Stats	
Science:	Honors Biology	Honors Chemistry	Physics
	AP Biology	AP Physics	CAPP Chemistry I & II
	Anatomy and Physiology A & B		
Social Studies:	AP World History	AP Psychology	
Fine Arts:	Advanced Studio Art	AP Art History	
FACS:	Intro to Health Careers	Culinary Art 1	Culinary Art 2
World Languages:	Spanish IV	Spanish V	AP Span Lit
CTE:	Business Marketing	Microsoft Office Applications	Accounting
	Information Processing II	Mechanical Design for Engineers	Advanced Accounting
	Entrepreneurship	Adobe InDesign and Photoshop	Advanced Welding Fabrication and Product Engineering
	Digital Illustration and Design	Basic Electricity	
	Computer Aided Design and Manufacturing for Engineers		
Ag:	Advanced Animal Science	Advanced Plant Science	AgriBusiness Management
	Agriculture Leadership		

AGRICULTURE

Courses

Agriscience
Wildlife Management
Farm Operation Safety
Food Science & Processing
Veterinary Science
Animal Science

Advanced Animal Science
Plant Science
Advanced Plant Science
AgriBusiness Management
Agricultural Leadership

AGRISCIENCE

Agriscience is a quarter course that is geared toward freshmen and sophomores who are beginning their explorations of agriculture; however juniors and seniors will be allowed to enroll. This course will cover a wide variety of agricultural topics in the areas of animal science, plant science and food science. Agricultural careers and involvement in the National FFA Organization will be discussed. This class will be very hands-on and it will consist of many short, yet intense units of instruction that utilize the animal lab, greenhouse, and foods lab.

Credits: .5

Recommended Grade Level: 9-12

Length of Course: 1 quarter

Prerequisite(s):

WILDLIFE MANAGEMENT

This course is for students interested in the environment and wildlife. Topics include wildlife habitat, game bird and animal management, and wildlife safety and ethics. Careers in natural resource management and political action related to the environmental sciences will also be discussed. Students will also complete an independent project that could include taxidermy of small animals or fish, deer antler mounts, duck decoys, or any project approved by the instructor. This course is ideal for any student interested in wildlife animals.

Credits: .5

Recommended Grade Level: 9-12

Length of Course: 1 quarter

Prerequisite(s):

FARM OPERATION SAFETY

This course focuses on safe operation of farm equipment and equipment care. Students will complete 24 hours of training for state certification for tractor operation. Students will learn safety skills with a variety of farm equipment. Students will receive farm operation training and demonstrate their ability to carry out safe operation of equipment on the job site. First aid and pesticide safety will also be discussed.

Credits: .5

Recommended Grade Level: 9-12

Length of Course: 1 quarter

Prerequisite(s):

FOOD SCIENCE AND PROCESSING

This course focuses on the various steps involved in the processing and manufacturing of food. Topics include careers in the food industry, sanitation, processing of dairy, eggs, meat, cereal grains, and vegetables, food packaging and labeling, and the creation of new food products. Product marketing and customer surveying will be covered in the class.

Credits: .5

Recommended Grade Level: 9-12

Length of Course: 1 quarter

Prerequisite(s):

VETERINARY SCIENCE

This course is for the pet and animal lover. Topics include the scope of the small animal industry, safety with animals, pet selection, animal rights vs. animal welfare, nutrition and digestion. Special focus is placed on dog and cat care. This course is an excellent base of knowledge for anyone considering a career in the small animal industry. Veterinarian terminology is incorporated into each unit.

Credits: .5

Recommended Grade Level: 9-12

Length of Course: 1 quarter

Prerequisite(s):

ANIMAL SCIENCE

This course is focused on the large animal industry (dairy cattle, beef cattle, swine, poultry and sheep). Topics include animal anatomy, physiology, reproduction, health, digestion, and nutrition. Students will be working with animals in the animal lab. **The course is an agriculture science equivalence class, which means it counts as a science credit on the student's transcript.**

Credits: 1

Recommended Grade Level: 9-12

Length of Course: 1 semester

Prerequisite(s):

ADVANCED ANIMAL SCIENCE

This course is a continuation of the animal science course. The focus of the course remains on the large animal industry (dairy cattle, beef cattle, swine, poultry and sheep). Topics include animal evaluation, proper milking techniques, artificial insemination, record keeping, quality insurance and careers in the large animal industry. This class involves working with animals in the animal lab area.

Credits: 1

Recommended Grade Level: 10-12

Length of Course: 1 semester

Prerequisite(s): Successful completion of Animal Science or instructor approval

PLANT SCIENCE

This course focuses on the science of how and why plants grow, reproduce and provide the world with products. Topics include plant anatomy, physiology, soil nutrients, plant needs, hydroponics, and propagation. Students will be working with plants in the greenhouse doing various labs. **The course is an agriculture science equivalence class, which means it counts as a science credit on the student's transcript.**

Credits: 1

Recommended Grade Level: 9-12

Length of Course: 1 semester

Prerequisite(s):

ADVANCED PLANT SCIENCE

This course is a continuation of the plant science course. The focus of the course remains on the plant science and the green industry. Topics include floriculture, greenhouse production, landscaping, turf grass management, horticultural business practices and careers in the green industry. This class will involve numerous activities in the greenhouse.

Credits: 1

Recommended Grade Level: 10-12

Length of Course: 1 semester

Prerequisite(s): Successful completion of Plant Science or instructor approval

AGRIBUSINESS MANAGEMENT

This course looks at the skills required to manage a business. Units include enterprise development, business formation, marketing, record keeping, decision making, profitability, and political action. Students will develop their own enterprises.

Credits: .5

Recommended Grade Level: 10-12

Length of Course: 1 quarter

Prerequisite(s):

AGRICULTURAL LEADERSHIP

Successful leaders are made, not born. Leadership is a process by which a person influences others to accomplish a task. Are you a leader? Students will be involved in learning their strengths and weaknesses, decision making skills, team work, and how to effectively run a meeting (parliamentary procedure). Students will also be involved in planning and conducting service learning projects throughout the course. This course is excellent for any student who is involved in FFA, FCS, FBLA, Student Council, athletics, or any other organized group.

Credits: .5

Recommended Grade Level: 10-12

Length of Course: 1 quarter

Prerequisite(s):

ART

Courses

Art Foundations
Introduction to Drawing
Drawing and Painting

Clay and Sculpture
Advanced Studio Art
AP Art History

ART FOUNDATIONS

This is an introductory art course designed to allow students to explore a variety of art media in two-dimensional and three-dimensional design. There is a strong emphasis on developing beginning drawing skills along with learning basic art vocabulary and art history. The focus will be on art as a form of human communication. Art Foundations must be successfully completed if the student wishes to enroll in any other art courses. Students are required to furnish some materials.

Credits: .5

Recommended Grade Level: 9-12

Length of Course: 1 quarter

Prerequisite(s):

INTRODUCTION TO DRAWING

This introductory course is for the student that really wants to develop or improve their basic drawing skills. Most of the course work will be done within a sketchbook format. Formal concepts such as line, texture, value and perspective will be explored through representational and abstract means. Students will create drawings utilizing processes such as sketching, rendering, contour, gesture, and perspective drawing. Students will explore and use a variety of media such as pencil, chalk, pastels, charcoal, and pen and ink. Students will reflect upon and refine their work; explore cultural and historical connections; analyze, interpret, theorize, and make informed judgments about artwork and the nature of art.

Credits: .5

Recommended Grade Level: 9-12

Length of Course: 1 quarter

Prerequisite(s):

DRAWING AND PAINTING

This course will focus on drawing and painting practices. Students will develop their eye to focus on the elements of art to improve their drawing skills. A variety of drawing media such as charcoal, ink, colored pencil, pastels and more will be used. Students will apply their drawing skills in the painting processes. They will use acrylic, oil, and watercolor paints on a variety of surfaces. Students may repeat this course. Students are required to furnish some materials.

Credits: 1

Recommended Grade Level: 9-12

Length of Course: 1 semester

Prerequisite(s): Art Foundations and Introduction to Drawing

CLAY AND SCULPTURE

This course will cover three-dimensional art forms. Students will work with clay, plaster, wood, metal, paper mache', and many other materials for projects. The clay unit will include hand-building techniques and working on the potter's wheel. Students will develop an understanding for the firing process, drying properties of clay and glazing. Students will explore non-clay sculpture and touch on toy design, industrial design and architecture. The practical concepts of craftsmanship, problem-solving and incorporating creativity in work will be emphasized. Students may repeat this course. Students are required to furnish some materials.

Credits: 1

Recommended Grade Level: 9-12

Length of Course: 1 semester

Prerequisite(s): Art Foundations

ADVANCED STUDIO ART

This course will have students advance their skills and knowledge from what they learned in their previous art classes. Students will be exposed to several new art forms, mediums and techniques as well. An emphasis on quality, creativity and originality will be stressed. Students may repeat this course. Students are required to furnish some materials.

Credits: 1

Recommended Grade Level: 10-12

Length of Course: 1 semester

Prerequisite(s): Art Foundations, Drawing and Painting, and Clay and Sculpture

AP ART HISTORY

This course is equivalent to a semester college art history course. This art history course will focus on gaining valuable experiences as a critical thinker while investigating many types of images from many cultures, past and present. This class provides visual literacy skills that go far beyond the appreciation of art and teaches students to function in a modern society enabling them to understand how images displayed in your environment effect your actions, desires, and beliefs. This is not a studio art class, but some hands-on activities and projects will be incorporated. There is a fee for the AP test.

Credits: 1

Recommended Grade Level: 10-12

Length of Course: 1 semester

Prerequisite(s): Art Foundations

BUSINESS AND INFORMATION TECHNOLOGY

Courses

Information Processing I	Business Communication
Information Processing II	Personal Finance & Employability
Microsoft Office Applications	Accounting
Adobe Creative Suite, InDesign & Photoshop	Advanced Acct./Computerized Acct.
Introduction to Business	Business Marketing
Business & Personal Law	Entrepreneurship

INFORMATION PROCESSING I

This course reviews the keyboard. Students practice all of the keys, and emphasis is placed on the ability to type by touch. In addition to keyboarding, students will learn how to use commonly-used basic features in Microsoft Word, and will also gain exposure to the corresponding features in Google Documents. Students who have successfully completed Keyboarding in middle school may advance to the next level, Information Processing II, without taking this course.

Credits: .5

Recommended Grade Level: 9-10

Length of Course: 1 quarter

Prerequisite(s):

INFORMATION PROCESSING II

In this course, students will become expert users of the Microsoft Word program. Students will learn to use the advanced features of the Word program. Skills are applied to projects for business and personal use. Because students do a lot of typing to complete assignments, it is recommended for students that type more than 25 words per minute.

Credits: .5 CHS Credit and MPTC Course Microsoft Word 103-160 2 credits

Recommended Grade Level: 9-12



Length of Course: 1 quarter

Prerequisite(s): Middle School Keyboarding/Word Processing

MICROSOFT OFFICE APPLICATIONS

This course covers the programs of Microsoft Office. Students will develop skills using MS Excel, MS PowerPoint, MS Publisher, and MS Access, as well as gain exposure to the corresponding Google programs— Google Presentation and Google Spreadsheet. Because students do a lot of typing to complete the assignments, it is recommended that students type more than 25 wpm. Students complete many short, in-class assignments.

Credits: .5 CHS Credit and MPTC Course Computer Literacy 103-159 1 credit

Recommended Grade Level: 9-12



Length of Course: 1 quarter

Prerequisite(s): Middle School Keyboarding/Word Processing

ADOBE CREATIVE SUITE, INDESIGN, AND PHOTOSHOP

Design is everywhere! It's on billboards and signs, in magazines and calendars, and on websites and TV commercials just to name a few. This course introduces students to layout, design, and photo editing. Students use Adobe Creative Suite, specifically InDesign and Photoshop to complete projects such as CD covers, magazine covers, advertisements, photo editing, postcard, and photo restoration. Students also use scanners, digital cameras, and on-line collaboration tools.

Information learned in this course can be useful in many other classes including art, web design, business marketing, and entrepreneurship.

Credits: 1 CHS Credit and MPTC Courses InDesign 103-174 2 credits & Beginning Photoshop 103-170 2 credits.

Recommended Grade Level: 9-12

Length of Course: 1 semester

Prerequisite(s):



INTRODUCTION TO BUSINESS

This course is a prelude to other high school business courses and students are encouraged to take this course before courses such as Accounting and Business Marketing. It prepares students for their future economic roles of a consumer, worker, and citizen. Concepts and topics discussed include: the economy, business structures, business ethics, management, and marketing goods and services. In this class there are discussions, videos and assignments related to current business news.

Credits: .5

Recommended Grade Level: 9-11

Length of Course: 1 quarter

Prerequisite(s):

BUSINESS & PERSONAL LAW

What are your rights? What are your obligations? Students in this course will become aware of their legal rights and obligations in order to avoid legal difficulties. This course provides a general background to the elements and characteristics of business law. Topics covered in this course include understanding contracts, computer law, financial crimes, ethics, discrimination and sexual harassment in the workplace. Students will have the opportunity to participate in a mock trial at the conclusion of the course and may have the opportunity to sit in on court proceedings at the Fond du Lac County Court House.

Credits: 1 CHS Credit and MPTC Course Business Law 105-160 3 credits

Recommended Grade Level: 10-12

Length of Course: 1 semester

Prerequisite(s):



BUSINESS COMMUNICATION

Communication influences all factors of your life. From daily interactions with strangers on the street to the way you present yourself at work, over e-mail, and on social media sites. Students will acquire communication skills necessary in a range of work and school-related settings. Skills will be developed in the areas of oral and written communication, interpersonal skills, and the use of current technology. Students will receive English equivalency credit for this course .

Credits: .5

Recommended Grade Level: 10-12

Length of Course: 1 quarter

Prerequisite(s):

PERSONAL FINANCE & EMPLOYABILITY

Personal Finance & Employability is a course designed to help students understand the impact of individual choices on occupational goals and future earnings potential. Real world topics covered will include financial goals, career search and preparation, budgeting/money management, saving, credit, taxes, and insurance. Students will design personal and household budgets; simulate use of checking and saving accounts; demonstrate knowledge of finance, debt, and credit management; evaluate and understand insurance and taxes, develop skills necessary to be successful in the workplace, and develop the skills to successfully conduct a job search campaign.

Credits: 1

Recommended Grade Level: 10-12

Length of Course: 1 semester

Prerequisite(s):

ACCOUNTING

Accounting is a core requirement for all business majors in college. Get ahead of the game – take this class and earn college credit! CASH IN ON YOUR FUTURE! Every business, from sports teams, restaurants, and rock bands all need accountants. This course will provide the following: training for entry-level position out of high school; knowledge for other business careers – computers, entrepreneurs, sales, financial managers and backers; gains skill in payroll, banking, investments and budgeting. If you are majoring in business, you should take this class.

Credits: 1 CHS Credit and MPTC Course Accounting 1 101-111 4 credits

Recommended Grade Level: 10-12

Length of Course: 1 semester

Prerequisite(s):



ADVANCED ACCOUNTING/COMPUTERIZED ACCOUNTING

This is a continuation of the first-year of accounting. Students are introduced to departmentalized accounting, automated accounting, corporate accounting, management accounting, and cost accounting. More emphasis is placed on computer applications including QuickBooks in this course than in the first course.

Credits: 1

Recommended Grade Level: 11-12

Length of Course: 1 semester

Prerequisite(s): "C" average or better in Accounting is recommended.

BUSINESS MARKETING

Do you know how much a Super Bowl advertisement costs? Advertisers create the world's most exciting spots on television and are vital to any business. This course includes the study of promotion, display, pricing, packaging, and marketing research. Best of all, take this class and earn college credit! CASH IN ON YOUR FUTURE!

Credits: 1 CHS Credit and MPTC Course Marketing Principles 104-102 3 credits

Recommended Grade Level: 10-12

Length of Course: 1 semester

Prerequisite(s):



ENTREPRENEURSHIP

Have you ever wondered what it would take to start your own business? Have you ever wondered what it takes to run a business? This course introduces the student to the world of business. It examines all areas of business operation such as human resources, operations management, financial management and marketing. Hands-on activities include studying, observing, and reporting on a local business, as well as organizing and running a small business of their choosing.

Credits: 1 CHS Credit and MPTC Course Intro to Business 102-110 3 credits

Recommended Grade Level: 10-12

Length of Course: 1 semester

Prerequisite(s): "C" average or better in Business Marketing is recommended.



ENGLISH

Courses

Required

English 9/Honors English 9
English 10/Honors English 10
English 11/AP English Language & Comp.
Speech

English Electives

Speech II
AP English-Literature & Composition
World Literature
Media Studies
Creative Writing
Research Writing
Business Communication

ENGLISH 9

The course provides a broad background in the fundamentals of reading senior high school level literature and emphasizes good grammatical usage in the writing of clearly organized paragraphs and themes.

Credits: 1 - Required of all Freshmen

Recommended Grade Level: 9

Length of Course: 1 semester

Prerequisite(s):

HONORS ENGLISH 9

This course provides a broad background in the fundamentals and in-depth reading of senior high school level literature and emphasizes good grammatical usage in the writing of clearly organized multi-paragraph essays, including a research-based argument essay and literature analysis essays.

Credits: 1 - By placement to satisfy required Freshman English

Recommended Grade Level: 9

Length of Course: 1 semester

Prerequisite(s):

ENGLISH 10

English 10 focuses on further developing students' reading, writing, and critical thinking skills using both fiction and nonfiction texts. Prose readings in the class range from classic novels to recent news articles, along with an independently chosen reading component. While progressing through these texts, students will, in weekly writing assignments and occasional quizzes, revisit language arts skills from past courses and be introduced to new content in preparation for the ACT and for English 11.

Credits: 1 - Required of all Sophomores

Recommended Grade Level: 10

Length of Course: 1 semester

Prerequisite(s): Successful completion of English 9

HONORS ENGLISH 10

Honors English 10 focuses on further developing students' reading, writing, and critical thinking skills using prose (fiction and nonfiction), poetry, and dramatic works. Readings in the class range from classic texts to recent news articles, along with an independently chosen reading component. Throughout the semester, students will be exposed to works of greater complexity than offered in the general English 10 course; they will also be expected to read more on a daily basis. While progressing through these texts, students will, in weekly writing assignments and occasional quizzes, revisit language arts skills from past courses and be introduced to new content in preparation for the ACT, Advanced Placement Language and Composition, and Advanced Placement Literature and Composition.

Credits: 1 - By placement to satisfy required Sophomore English

Recommended Grade Level: 10

Length of Course: 1 semester

Prerequisite(s): Successful completion of English 9

ENGLISH 11

The English 11 course has four primary objectives: 1) To provide a concentrated study of seminal documents of the United States, 2) To emphasize reading skills through study of various genres of literature, 3) To analyze and master grammar and usage skills, 4) To create various types of compositions that address the needs of college and the workforce.

Credits: 1 - All juniors are required to take English 11 or AP English Language

Recommended Grade Level: 11

Length of Course: 1 semester

Prerequisite(s): Successful completion of English 9, 10

SPEECH

This course is designed to help develop the students' ability to speak confidently and effectively in a variety of public speaking situations through the development of speaking skills and the use of presentation software. Students will concentrate on practical experience in developing speaking and listening abilities. Particular attention is paid to style and credibility in public speaking. Students may repeat this course.

Credits: .5 - Required either Junior or Senior year

Recommended Grade Level: 11-12, 10th grade with teacher or principal approval

Length of Course: 1 quarter

Prerequisite(s): Successful completion of English 9, 10

SPEECH II

One of the most useful courses a student will take during his or her high school career is a Speech class. This second level elective will not only focus on the skills involved in selecting, researching, organizing and writing informative and persuasive messages, but it also teaches students the skills they need to present their ideas effectively in their careers. In a small, supportive classroom environment, students learn to communicate their ideas effectively using verbal, written, and visual techniques. They also learn important listening skills, and peer evaluations of student speeches are an important component of the course. Students also undertake self-evaluations, by viewing their own speeches and analyzing their performance.

Credits: .5

Recommended Grade Level: 11-12

Length of Course: 1 quarter

Prerequisite(s): Speech

AP ENGLISH-LANGUAGE AND COMPOSITION

The AP English Language and Composition course is designed to help students become skilled readers of prose written in a variety of periods, disciplines, and rhetorical contexts, and to become skilled writers who can compose for a variety of purposes.

Throughout the course, the students will write in a variety of forms – narrative, exploratory, expository, and argumentative – and on a variety of subjects from personal experiences to public policies, from imaginative literature to popular culture. As in the college course, the purpose of the AP English Language and Composition course is to enable students to read complex texts with understanding and to write prose that is rich enough and complex enough for mature readers. There is a fee for the AP test.

Credits: 1 - All juniors are required take English 11 or AP English Language

Recommended Grade Level: 11

Length of Course: 1 semester

Prerequisite(s): English 9, 10

Maintain at least a B-(80%) average to enroll in AP English.

AP ENGLISH-LITERATURE AND COMPOSITION

The AP English Literature and Composition course is designed to engage students in the careful reading and critical analysis of imaginative literature. Through the close reading of selected texts, students can deepen their understanding of the ways writers use language to provide both meaning and pleasure for their readers. The AP course includes the in-depth reading of texts drawn from multiple genres, periods, and cultures. Students should read deliberately and thoroughly, taking time to understand a work's complexity, to absorb its richness of meaning, and to analyze how that meaning is embodied in literary form. Writing is an integral part of the AP English Literature and Composition course, for the AP Examination is weighted toward student writing about literature. Writing assignments focus on the critical analysis of literature and include expository, analytical, and argumentative essays. There is a fee for the AP test.

Credits: 1

Recommended Grade Level: 11-12

Length of Course: 1 semester

Prerequisite(s): English 9, 10 and 11 or AP English - Language and Composition
Maintain at least a B-(80%) average to enroll in AP English

WORLD LITERATURE

The course will include the study of literature from around the world giving the students the opportunity to explore how other parts of the world included the written language in their culture. Writing, vocabulary, and speaking skills will also be important elements in the curriculum.

Credits: 1

Recommended Grade Level: 11-12

Length of Course: 1 semester

Prerequisite(s): Successful completion of English 9, 10, 11

MEDIA STUDIES

In learning about media, students will become acquainted with different types of media and the skills necessary to produce them. A daily emphasis will be placed on writing, grammar, and editing. This course will allow students to examine, analyze, and experiment with various forms of mass communication. Emphasis will be on school media such as the development of a student website as well as professional media such as newspapers, magazines, film and advertising. Students may repeat this course.

Credits: .5

Recommended Grade Level: 10-12

Length of Course: 1 quarter

Prerequisite(s): A grade of "C" or higher in previous English courses is recommended.
Ninth graders may also take the course with teacher recommendation.

CREATIVE WRITING

Creative Writing is designed to help students express their thoughts by studying various literary genres and writing free verse and formal poetry, short fiction, and a one act drama. **This course is a writing workshop. Students should be prepared to write daily and to share their work by reading it aloud to others.** In addition, students will develop different writing skills through pre-writing, editing, re-writing, and critiquing. Students will also examine various styles of writing by reading well-known and not so well-known writers of poetry, songs, short stories, plays, monologues, dialogues, haiku, reviews, and additional literary selections. Students will develop essential skills for writing fiction and engaging verse such as developing effective characters, creating a realistic setting, crafting meaningful dialogue, constructing metered verse.

Credits: .5

Recommended Grade Level: 11-12

Length of Course: 1 quarter

Prerequisite(s):

RESEARCH WRITING

Students who are continuing their education after high school are highly encouraged to take this class. This demanding course involves writing two research papers utilizing correct MLA and APA format, proper documentation, and source synthesis. Students will convert the second paper into a presentation to model real world employment. In addition, students will review grammar skills through classroom discussion and computer software. Finally, employing advanced composition techniques, students will write essays for college scholarships.

Credits: .5

Recommended Grade Level: 11-12

Length of Course: 1 quarter

Prerequisite(s): English 10

BUSINESS COMMUNICATION

Communication influences all factors of your life. From daily interactions with strangers on the street to the way you present yourself at work, over e-mail, and on social media sites. Students will acquire communication skills necessary in a range of work and school-related settings. Skills will be developed in the areas of oral and written communication, interpersonal skills, and the use of current technology. Students will receive English equivalency credit for this course (still needs to be passed by committee).

Credits: .5

Recommended Grade Level: 10-12

Length of Course: 1 quarter

Prerequisite(s):

FAMILY AND CONSUMER SCIENCE (FACS)

Courses

Child Development
Introduction to Health Careers
World Wide Cuisine

Fundamentals of Food
Fundamentals of Food 2
Culinary Art
Culinary Art 2

Classes in the FACS Department are vital for students of all abilities and ultimate career choices. What is learned in these classes will apply to all areas of their life.

CHILD DEVELOPMENT

Ninety percent of you will become parents at some time in your life, and even if you don't, you will undoubtedly have relationships with children at some point. In this course you will explore why people have children and the changing trends in parenting. You also will learn of the responsibilities of parenthood, preparing for pregnancy, labor and childbirth, and how to care for children. The developmental growth of children will be discussed and students will have the opportunity to deal hands-on with children in a preschool type setting. We are not born parents ... we acquire these skills.

Credits: 1

Recommended Grade Level: 10-12

Length of Course: 1 semester

Prerequisite(s):

INTRODUCTION TO HEALTH CAREERS

Explore career possibilities within the Health Care Industry. Learners examine the characteristics and skills needed for a wide range of careers in health care. Learners also gain perspective about what it takes to be an effective team member working in health care. Focuses on Nursing, Health Management, Laboratory Technology, Health Information Technology, Therapy, Diagnostics, Dental, Surgical, and other health related careers.

Credits: .5 CHS credit and MPTC Course Careers in Allied Health 3 credits

Recommended Grade Level: 10-12

Length of Course: 1 quarter

Prerequisite(s):



WORLD WIDE CUISINE

Students in this course will have a fun quarter preparing, tasting, and evaluating traditional dishes from around the world. Emphasis will be placed on the history, geography, traditions, ingredients, flavors, and techniques representing the cuisines from the United States and Canada, Latin American, Europe, Mediterranean, Middle East and Africa along with Asia.

Credits: .5

Recommended Grade Level: 9-12

Length of Course: 1 quarter

Prerequisite(s): Fundamentals of Food

FUNDAMENTALS OF FOOD

Students in this course will understand the foundational concepts of working with food. By the end of the course, students will be able to understand safety and sanitation, measuring techniques, recipe basics, common substitutions, basic cooking terms, cooking equipment, how to use a microwave, healthy food choices, and breakfast foods.

Credits: .5

Recommended Grade Level: 9-12

Length of Course: 1 quarter

Prerequisite(s):

FUNDAMENTALS OF FOOD 2

In this course, students will demonstrate the importance of knife skills in food preparation. Previously learned techniques and skills from Fundamentals of Food will also be refined. Emphasis will be placed on fruit and vegetable cookery, vegetarian cookery, dairy cookery, egg cookery, and breads/muffins. Students will also gain first hand experience with guest speakers and various trips.

Credits: .5

Recommended Grade Level: 9-12

Length of Course: 1 quarter

Prerequisite(s): Fundamentals of Food

CULINARY ART

This course is for students interested in exploring the culinary field. Students will be given opportunities to be creative in their meal preparation while learning about herbs and spices, stocks, sauces and soups, beverages, plate presentation, types of salads, along with a casserole competition. Students will gain first hand experience with guest speakers and various trips. Students will also obtain a total of 2 credits at MPTC.

Credits: .5 CHS credit and MPTC Course Food Production—Cold Food A 316-187 2 credits

Recommended Grade Level: 9-12

Length of Course: 1 quarter

Prerequisite(s): Fundamentals of Food 2



CULINARY ART 2

In this course, students will take a more in-depth look at the restaurant and hospitality industry as a whole while exploring different career opportunities. Students will utilize internal cooking temperatures for meat, poultry and seafood, learn how to prepare different types of game, sandwiches, pastries, along with keeping it local by canning. Students will also develop a menu that includes costing. Finally, students will be learning to work under pressure while paying attention to detail by participating in a large food production activity. Students will be given an opportunity to compete in the ProStart Student Invitational Culinary and Management competitions. Students in this course will become certified in sanitation by the National Restaurant Association upon completion of the ServSafe exam. Students will also obtain a total of 2 credits at MPTC. Students are encouraged to gain employment in a related field to obtain full certification.

Credits: .5 CHS credit and MPTC Course Food Production – Meat/Fish/Poultry 316-189 2credits

Recommended Grade Level: 11-12

Length of Course: 1 quarter

Prerequisite(s): Culinary Art



FOREIGN LANGUAGE

Courses

Spanish I
Spanish II
Spanish III

Spanish IV
Spanish V

SPANISH I

Introductory course. Emphasis is on grammar study, reading, writing, and simple conversation. Also introduced are Spanish culture, customs, and geography.

Credits: 1

Recommended Grade Level: 9-12

Length of Course: 1 semester

Prerequisite(s): A "C" average or better in English is recommended.

SPANISH II

Students are introduced to a more advanced grammar study through the use of tapes, magazines, writings and conversation. More emphasis is placed upon speaking and writing skills with students writing and presenting simple skits. Cultural emphasis is given to Latin America and Mexico.

Credits: 1

Recommended Grade Level: 9-12

Length of Course: 1 semester

Prerequisite(s): Successful completion of Spanish I

SPANISH III

Greater emphasis is placed upon conversational and reading skills. Students present plays and skits. Includes group discussions and the reading of magazines and short stories. Students write essays and keep journals in Spanish. Students create brochures for foreign countries.

Credits: 1

Recommended Grade Level: 10-12

Length of Course: 1 semester

Prerequisite(s): Successful completion of Spanish I and II with a grade of "C" or better is recommended.

SPANISH IV

A continuation of Spanish III with strong emphasis placed upon conversational Spanish and reading and learning skills. Students demonstrate their ability to use the Spanish language in the presentation of original plays and essays. Students are presented with Spanish literature and demonstrate their comprehension of the reading material in group discussions and presentations.

Credits: 1

Recommended Grade Level: 11-12

Length of Course: 1 semester

Prerequisite(s): Successful completion of Spanish III with a grade of "C" or better is recommended.

SPANISH V

An advanced Spanish composition and conversation course conducted entirely in Spanish. AP exam will be optional.

Credits: 1

Recommended Grade Level: 12

Length of Course: 1 semester

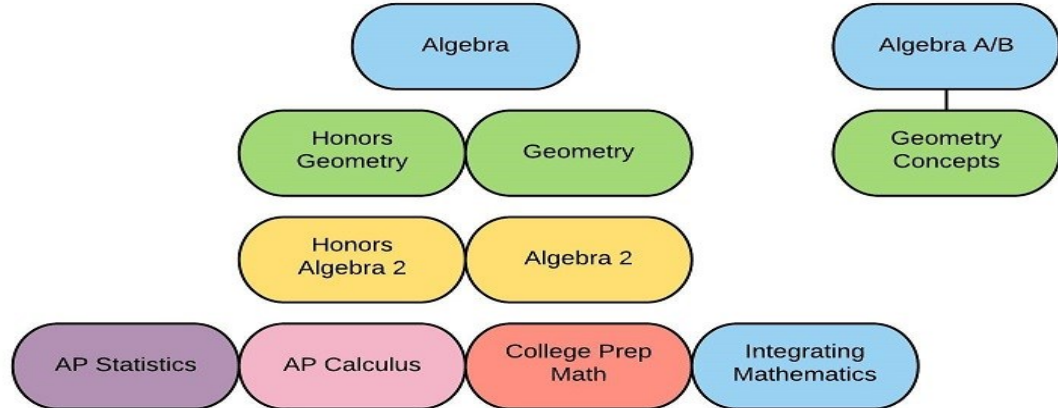
Prerequisite(s): Successful completion of Spanish IV with a "C" or better is recommended.

MATHEMATICS

Courses

Algebra IA/1B
Algebra I
Geometry Concepts
Geometry/Honors Geometry
Algebra II/Honors Algebra II

Integrating Mathematics
College Prep Mathematics
AP Statistics
AP Calculus (AB)



A graphing TI-84 calculator is required for mathematics courses.

ALGEBRA IA/IB (WITH AN INTRODUCTION TO GEOMETRY)

This Algebra I course is offered as a **full year** course, where the first three quarters will be devoted to topics in Algebra I and the fourth quarter will introduce students to some Geometry topics. The Algebra I topics will include; solving equations, operations on polynomials, graphing linear equations, solving systems of equations, operations on algebraic fractions, and solving inequalities. Some of the Geometry topics will include; constructing, drawing, measuring, visualizing, comparing, transforming and classifying geometric figures.

Credits: 2

Recommended Grade Level: 9-12

Length of Course: 2 semesters (Full Year)

Prerequisite(s): Teacher Recommendation

ALGEBRA I

Algebra I deals with the relationships involving real numbers in a general way. Some of the topics that are covered include; solving equations, operations on polynomials, graphing linear functions, solving systems of linear equations, operations on algebraic fractions, and solving inequalities. It is required that each student have a “scientific” calculator for this course.

Credits: 1

Recommended Grade Level: 9-12

Length of Course: 1 semester

Prerequisite(s):

GEOMETRY CONCEPTS

Plane Geometry is a one-semester course designed for students hoping to meet minimum math requirements for graduation or to better prepare themselves for the Geometry course offered here at CHS. Using geometric tools and manipulative devices, students discover geometric concepts.

Credits: 1

Recommended Grade Level: 10-12

Length of Course: 1 semester

Prerequisite(s): Teacher Recommendation

GEOMETRY

Geometry is designed to introduce students to logic and methods of deductive reasoning. Algebra is integrated throughout. Geometry development includes measurements, identification and application of polygons, circles, and polyhedrons. Real life problems often use geometry to arrive at solutions so the course is rich in applications. Vocabulary, definitions, postulates, and theorems are the basis of the course.

Credits: 1

Recommended Grade Level: 9

Length of Course: 1 semester

Prerequisite(s):

HONORS GEOMETRY

Honors Geometry is designed to introduce students to logic and methods of deductive reasoning. Algebra is integrated throughout. This course is fast paced with heavy emphasis on logic and proof. Regular geometry content is taught in a rigorous manner.

Credits: 1

Recommended Grade Level: 9

Length of Course: 1 semester

Prerequisite(s): Algebra 1. Honors Algebra 1 is recommended

ALGEBRA II

Algebra II expands on the concepts learned in Algebra I and Geometry. We will begin with a brief review of Algebra I concepts such as linear equations and functions and systems of linear equations. The remainder of the semester will focus on polynomial, power, exponential, logarithmic, rational and inverse functions. We will use these concepts to further explore variations, conic sections (analytic geometry), sequences and series, trigonometry, and some probability. This course will prepare students for AP Statistics & AP Calculus AB.

Credits: 1

Recommended Grade Level: 10-12

Length of Course: 1 semester

Prerequisite(s): Geometry

HONORS ALGEBRA II

Algebra II Honors is a rigorous, fast-paced course encompassing a wide variety of mathematical topics. Students will extend their knowledge and understanding of mathematics by solving challenging problems and thinking critically. The honors course extends all topics of Algebra II: linear, polynomial, inverse, power, exponential, logarithmic, rational and trigonometric functions. Algebra II Honors will prepare students for Honors PreCalculus or AP Statistics.

Credits: 1

Recommended Grade Level: 10-12

Length of Course: 1 semester

Prerequisite(s): Honors Geometry or by teacher recommendation

INTEGRATING MATHEMATICS

Integrating Mathematics is a course for students in danger of not meeting the minimum mathematics standards on the ACT Exam. The placement of students in the course is based on detailed data analysis. The focus of the course will be the development of test taking strategies as well as a comprehensive coverage of all topics covered on the ACT Exam. The course will review the following topics: whole numbers, rational numbers, integers, percents, statistics, proportions, exponents and radicals, algebraic operations, equations and inequalities, geometry, functions, and story problems.

Credits: 1

Recommended Grade Level: 11

Length of Course: 1 semester

Prerequisite(s): Successful completion of Algebra II

COLLEGE PREP MATHEMATICS

The course will include a review of concepts from Algebra II along with extended work in the area of trigonometry, probability, and statistics. The course is designed to provide a better transition for students who will take a Pre-Calculus course at the collegiate level.

Credits: 1

Recommended Grade Level: 11-12

Length of Course: 1 semester

Prerequisites(s): Successful completion of Algebra II

AP STATISTICS

The purpose of the year-long AP course in statistics is to introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students will explore four themes: describing patterns in data, sampling and experimentation, probability and simulation, and statistical inference.

The first semester of the course will cover the first three themes, and the second semester will cover statistical inference and prepare students for the AP Statistics Exam in May. Students who successfully complete the course and the AP Exam may receive three or more college credits for a one-semester introductory college statistics course. There is a fee for the AP test.

Credits: 2

Recommended Grade Level: 10-12

Length of Course: 2 semesters (Full Year)

Prerequisite(s): Can be taken concurrently with AP Calculus

AP CALCULUS (AB)

This course will begin with extending the students' knowledge of analytic geometry, elementary and transcendental functions taught in prior studies in Algebra I, Algebra II, Geometry and Trigonometry. We will be using numerical, graphical and algebraic methods throughout this course. We will be stressing the "why" behind these concepts, so students are not forced to memorize the skills necessary to be successful in this and future mathematics courses.

The remainder of the course will focus on the Advanced Placement Calculus AB course topics, as it appears in the *AP* Calculus Course Description*. These topics include; the fundamental properties of functions, various topics on Limits, the basic definition and concepts of both Derivatives (Differential Calculus) and Integration (Integral calculus), Slope Fields, and Volumes. A few additional calculus topics in Integration, numerical methods, lengths of curves and L'Hôpital's Rule will be visited after the AB Exam.

Students are encouraged to take the AP Exam, but are not required to do so.

Technology is emphasized at every step in the course; therefore students are required to have their own graphing calculator. There is a fee for the AP test.

Credits: 2

Recommended Grade Level: 10-12

Length of Course: 2 semesters (Full Year)

Prerequisite(s): Algebra II

MUSIC

Courses

Band
Jazz Band

Chorus
Independent Study In Music

BAND

Students will study and perform music (marching and concert band) from diverse styles, genres, and world cultures. Emphasis is placed on the mastery of music fundamentals (pitch and rhythm), understanding of musical theory, performance and rehearsal techniques, and sightreading. Musicianship and personal growth are the focuses at this level and students will be appropriately challenged as they continue their musical study. The band performances include summer parades, every home football game, three concerts, a Christmas parade, graduation, and veteran's holidays. Students also perform in the pep band for home games during the winter season. Lessons are required of every band student and can be obtained at no cost through the music staff or through private instructors in town for a small fee. Students are expected to have their own instrument for band, the school does have some larger instruments that may be available for a yearly rental fee.

Credits: 1 per semester

Recommended Grade Level: 9-12

Length of Course: Semester

Prerequisite(s): All students entering the High School Band should have a good understanding of the fundamentals of music, be able to read music (in either treble or bass clef), and be able to play beginning level material covered in ninth grade. At a minimum, students need to be able to read music and play a one octave chromatic scale on their instrument.

JAZZ BAND

The High School Jazz Band Program is designed to enrich and enhance the instrumental music program at CHS and the musical lives of our students. Students will work on mastery of technical skills, literacy, and performance aspects of instrumental music from various Jazz styles. Focus will be placed on mastery of music fundamentals (pitch and rhythm), developing technique and musicianship, building understanding of the concepts of basic music theory and history as it relates to performance music, and mastery of advanced musical concepts like improvisation, transcription, and part writing. The Jazz Band performs at least 3 concerts per year, and will perform up to three additional times at events in the community.

Credits: 1

Recommended Grade Level: 9-12

Length of Course: Year

Prerequisite(s): Students in the Jazz Band Program should, at a minimum, be able to read music, perform a chromatic scale across the full range of their instrument, and be able to sightread at an elementary level. All students must audition privately with the instructor for placement on parts.

CHORUS

The development of vocal techniques, sight-singing, theoretical knowledge and choral singing are emphasized. It includes rehearsal and performance of a wide variety of music. The Chorus gives three concerts per year and participates in the spring music festival competition. There are three choirs as follows: Freshmen Chorus, Mixed Chorus and Concert Chorus. Enrollment is by audition only in Concert Choir.

Credits: 1 per semester

Recommended Grade Level: 9-12

Length of Course: Semester

Prerequisite(s):

INDEPENDENT STUDY IN MUSIC

Independent studies in music are intended for students that are interested in specialized and advanced topics in music that are not offered as a separate course of study in our music program. Topics in these areas can include, but are not limited to music theory, composition, development of western music, and chamber music.

Credits: 1 per semester

Recommended Grade Level: 9-12

Length of Course: 1 semester

Prerequisite(s): Approval of Instructor

PHYSICAL EDUCATION AND HEALTH

PHYSICAL EDUCATION CREDIT OPTION

A student who meets all of the following requirements shall be eligible to complete an additional one-half credit in an elective mathematics, science, English, social studies or health education course in lieu of one-half credit of physical education for purposes of high school graduation:

1. The student has completed two full seasons of participation in one or more District sponsored sports while in high school. If a student misses more than 25% of the athletic competitions due to injury, the season will not count towards fulfillment of this requirement, unless provisions are granted by the High School Principal.
2. The student was a member in good standing on the sports team(s) and had no athletic code violations.
3. The coach of the sport(s) verifies to the High School Principal that the student has satisfied the above requirements.

Courses

Foundations of Physical Education
PE Individual Sports
PE Team Sports
Strength and Conditioning
Advanced Strength & Conditioning

Outdoor Survival Education
Lifetime Activities
Trends in Fitness I
Trends in Fitness II

FOUNDATIONS OF PHYSICAL EDUCATION

This course specializes on developing and improving fundamental skills, game skills, rules, and game techniques in team and individual activities. Instructions on how to use HRM, the benefits of monitoring ones heart rate, and other fitness related assessments will be covered. Safety, courtesy, and strategies will also be taught to emphasis the importance of sportsmanship. Activities may include: basketball, badminton, fitness testing, flag football, floor hockey, pickle ball, soccer, softball, speedball, track and field, volleyball, ultimate Frisbee, weight training.

***Freshmen Physical Education is a REQUIRED course and a prerequisite to all other PE offerings.

Credits: .5 - Required of all Freshmen

Recommended Grade Level: 9

Length of Course: 1 quarter

Prerequisite(s):

PE INDIVIDUAL SPORTS

This course is designed for students who enjoy competition as individuals or with a partner. Course offerings may include: archery, badminton, beanbag toss, bocce ball, horse shoes, Frisbee golf, golf, ladder golf, pickle ball, table tennis, washer toss etc.

Credits: .5

Recommended Grade Level: 9-12

Length of Course: 1 quarter

Prerequisite(s): Freshmen Physical Education

PE TEAM SPORTS

This course is designed for the student who is interested in team sport competition. Students will also develop an understanding of skills and strategies involved in team sports. Course offerings may include: basketball, floor hockey, football, soccer, softball, lacrosse, volleyball, ultimate Frisbee, etc.

Credits: .5

Recommended Grade Level: 9-12

Length of Course: 1 quarter

Prerequisite(s): Freshmen Physical Education

STRENGTH AND CONDITIONING

This class is for students who want to learn basic strength training techniques and weight room safety. The purpose is to improve their strength, speed and muscular endurance. Classes will perform weight training, agility drills, plyometrics, functional fitness exercises, and many other activities to improve their performance levels.

Credits: .5

Recommended Grade Level: 9-12

Length of Course: 1 quarter

Prerequisite(s): Freshmen Physical Education

ADVANCED STRENGTH AND CONDITIONING

This class is for the highly-motivated student who really wants to improve their strength, speed and muscular endurance. This class will help improve a student's strength, speed, acceleration, as well as help reduce the risk of injury. Classes will weight train and perform agility drills, plyometric, and do functional fitness exercises to help take their fitness to the next level.

Credits: .5

Recommended Grade Level: 9-12

Length of Course: 1 quarter

Prerequisite(s): Freshmen Physical Education, Strength and Conditioning or Instructor Approval

OUTDOOR SURVIVAL EDUCATION

This course is for those students who love to be outdoors working alone or in cooperation with others. This course will emphasize the skills necessary to navigate the great outdoors. Course offerings may include: fire building, shelter building, survival skills, orienteering/map reading, fishing, outdoor cooking, canoe/kayaking, walking stick building, geocaching, plant identification, etc.

Students will need to be prepared with appropriate clothing for all outdoor activities during all types of weather.

Credits: .5

Recommended Grade Level: 10-12

Length of Course: 1 quarter

Prerequisite(s): Freshmen Physical Education

LIFETIME ACTIVITIES

This course will allow students to get involved in and see a variety of activities that they can participate in for the rest of their life. These activities will be held at school and off school at local community facilities. Activities may include: biking, trail walking/hiking, bowling, cross country skiing, snow shoeing, skiing/tubing, first aid/CPR, kettle bells, fitness bands, karate, zumba, etc.

Credits: .5

Recommended Grade Level: 10-12

Length of Course: 1 quarter

Prerequisite(s): Freshmen Physical Education

TRENDS IN FITNESS I

This course will allow students to experience new and current trends in health and fitness such as kickboxing, Pilates, Body Pump, kettle bells, and more. Students will participate in different fitness activities that will help them reach personal health and fitness goals. Students will engage in stress management and relaxation training, understand the relationship between mind and body, and the importance of living a healthy lifestyle.

Credits: .5

Recommended Grade Level: 10-12

Length of Course: 1 quarter

Prerequisite(s): Foundations of Physical Education

TRENDS IN FITNESS II

This course focus will be on the advanced development and enhancement of new and current trends in health and fitness for the student who demonstrates an interest in advanced trends, concepts, and techniques in the fitness field. Students will examine the newest diet and weight management trends, understand the importance of a healthy diet in a successful fitness program, and ultimately understand the importance of living a healthy lifestyle.

Credits: .5

Recommended Grade Level: 10-12

Length of Course: 1 quarter

Prerequisite(s): Trends in Fitness I

HEALTH

HEALTH

Health education is based on today's deeper understanding of human growth and development. This program provides effective coverage of health topics that are of vital concern today including mental health, decision-making skills, sex education, dependency-causing substances, suicide prevention, aids education, and basic knowledge of infectious and non-infectious diseases; their prevention and information to help improve the student's health and attitude toward it.

Credit: .5—Required of all Freshman

Recommended Grade Level: 9

Length of Course: 1 quarter

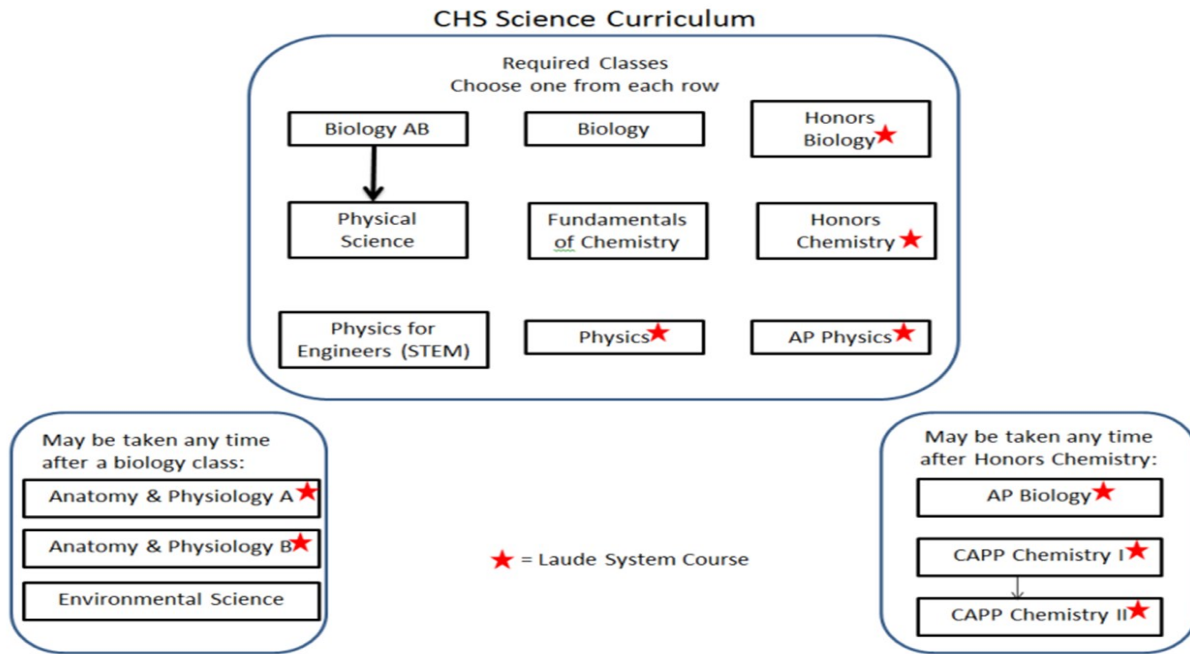
Prerequisite(s):

Course

Biology
Honors Biology
Biology AB
Physical Science
Fundamentals of Chemistry
Honors Chemistry
Physics

SCIENCE

Anatomy & Physiology A
Anatomy & Physiology B
Environmental Science
AP Physics 1
College Chemistry I (CAPP)
College Chemistry II (CAPP)
AP Biology
Physics for Engineers



BIOLOGY

Biology is the study of life. This course will acquaint the student with the living condition through a study of life processes of the cell. An emphasis is placed on laboratory experiences. With these basic foundations, the study of the entire organism can be undertaken. Areas to be studied include ecology, microbiology, botany, genetics, and a survey of invertebrates, vertebrates, and humans.

Credits: 1 - Required of all Freshman

Recommended Grade Level: 9

Length of Course: 1 semester

Prerequisite(s):

HONORS BIOLOGY

Biology is study of the interactions of all organisms and the materials of Earth. This course will acquaint the student with the living condition through a study of life processes of the cell. With these basic foundations, the study of the entire organism can be undertaken. Areas to be studied include ecology, microbiology, botany, genetics, and a survey of invertebrates, vertebrates, and humans. An emphasis is placed on laboratory experiences

Credits: 1 - By placement to satisfy required Biology

Recommended Grade Level: 9

Length of Course: 1 semester

Prerequisite(s):

BIOLOGY AB

Biology AB is designed to familiarize students with concepts and methods in Biology. This class will focus on the nature of biological inquiry, the chemical and biochemical nature of life processes, the nature of the cell, the role of genetics in individuals and populations, the nature of genetic material, ecosystem dynamics, biodiversity, structure and function of plants and animals, and human body systems. Attention is given to social issues and career opportunities. Class activities will include discussion, online lab simulations and other interactive activities, lab reports, and projects.

Credits: 2 - By placement only

Recommended Grade Level: 9-10

Length of Course: 2 semesters (Full Year)

Prerequisite(s):

PHYSICAL SCIENCE

Physical Science combines fundamentals of physics and chemistry. The first quarter covers topics involving basic physics. Topics include: Forces and energy, waves, light and sound, and energy resources. The second quarter covers basic chemistry. Topics include: nature of matter, classification of matter, atomic structure, chemical bonding and reactions. The course provides an opportunity to learn about the structure of matter and how matter behaves in terms of everyday occurrences. This course is designed for students who have taken Biology AB.

Credits: 1 - By placement only

Recommended Grade Level: 10-12

Length of Course: 1 semester

Prerequisite(s): Biology AB

FUNDAMENTALS OF CHEMISTRY

Chemistry is the science that deals with changes in matter. The following chemical principles and concepts will be covered: measurements, atomic structure, chemical bonding, chemical reactions (including acid-base and oxidation-reduction), stoichiometry, phases of matter, solution chemistry, and nuclear chemistry. A majority of the concepts covered in a typical chemistry course are presented (see Honors Chemistry), but with less emphasis on related mathematical calculations.

Credits: 1

Recommended Grade Level: 10

Length of Course: 1 semester

Prerequisite(s):

HONORS CHEMISTRY

Chemistry is the science that deals with changes in matter. The following chemical principles and concepts will be covered: measurements, atomic structure, chemical bonding, chemical reactions (including acid-base and oxidation-reduction), stoichiometry, phases of matter, solution chemistry, and nuclear chemistry. Topics will be explored with an emphasis on quantitative analysis, therefore, students must possess strong math and algebra skills. This course is intended for students who will continue their education beyond high school, especially those who plan to continue in a science-related field.

Credits: 1 - By placement to satisfy required Chemistry

Recommended Grade Level: 10

Length of Course: 1 semester

Prerequisite(s):

PHYSICS

Physics is the science of motion, mass, and energy. This is an introductory high-school level course based on concepts through Algebra II. Students will develop a solid background in mechanics, including topics such as measurement, unit analysis, motion and force in 1-dimension, energy, heat, waves and sound. This course is intended for students who will continue their education beyond high school, especially those who plan to continue in a science-related field.

Credits: 1

Recommended Grade Level: 11-12

Length of Course: 1 semester

Prerequisite(s):

ANATOMY AND PHYSIOLOGY A

This class includes labs and exercises that provide students with an opportunity to observe various anatomical parts and to investigate certain physiological phenomena. Such experiences should help students relate specimens, models and slides to their own bodies. This section of anatomy would cover the following five of the total twelve systems of the human body: integumentary, skeletal, muscular, nervous and endocrine systems along with the aging process and careers in the medical field.

Credits: .5

Recommended Grade Level: 11-12

Length of Course: 1 quarter

Prerequisite(s): Successful completion of Biology
(Anatomy and Physiology B is not required as a follow-up)

ANATOMY AND PHYSIOLOGY B

This class includes labs and exercises that provide students with an opportunity to observe various anatomical parts and to investigate certain physiological phenomena. Such experiences should help students relate specimens, models and slides to their own bodies. This section of anatomy would cover the following seven of the total twelve systems of the human body: cardiovascular, respiratory, digestive, lymphatic, urinary, male and female reproductive systems along with embryonic development and careers in the medical field.

Credits: .5

Recommended Grade Level: 11-12

Length of Course: 1 quarter

Prerequisite(s): Successful completion of Biology
(Anatomy and Physiology A helpful but not required)

ENVIRONMENTAL SCIENCE

Environmental Science explores Earth's natural systems, as well as how human activity affects the environment. Students will apply the scientific method to investigate ecological principals, natural flows of matter, water and energy in terrestrial, aquatic, and atmospheric systems, and how humans impact these natural flows and systems. This course will provide students with hands-on laboratory experiences, field trips, and special assignments to demonstrate the principles, processes, techniques, and technologies of natural environmental systems and solutions.

Credits: 1

Recommended Grade Level: 11-12

Length of Course: 1 semester

Prerequisite(s): Biology

AP PHYSICS 1

AP Physics 1 is an algebra-based, college level physics course that explores topics such as Newtonian mechanics (including rotational motion); work, energy, and power; mechanical waves and sound; and introductory, simple circuits. Through inquiry-based learning, students will develop scientific critical thinking and reasoning skills. Students are expected to take the AP Physics 1 exam after completing the course in order to earn college credit upon achieving a passing score. There is a fee for the AP test.

Credits: 1

Recommended Grade Level: 11-12

Length of Course: 1 semester

Prerequisite(s):

COLLEGE CHEMISTRY I (CAPP)

Fundamental laws and concepts of chemistry, atomic theory, atomic and electronic structure, chemical bonding, mole concept, nomenclature, stoichiometry, states of matter, formulas and equations, the structure of atoms and theories of bonding. Students will earn high school and college credit simultaneously if they meet university admission requirements. Tuition and other fees are to be paid by the student (approx. \$600). Offered 1st semester only.

Credits: 1

Recommended Grade Level: 12

Length of Course: 1 semester

Prerequisite(s): 1 credit of high school Chemistry and Algebra I

Students must be in the top 25% of class, have minimum 3.25 GPA, or ACT score of at least 23 to be eligible for college credit.

COLLEGE CHEMISTRY II (CAPP)

Advanced Chemistry II is the second semester college freshmen-level chemistry class. Topics include kinetics, equilibrium, acids and bases, electrochemistry, and precipitation reactions. Students will earn high school and 5 college credits simultaneously if they meet university admission requirements. Tuition and other fees are to be paid by the student (approx. \$600). Offered 2nd semester only.

Credits: 1

Recommended Grade Level: 12

Length of Course: 1 semester

Prerequisite(s): College Chemistry I

AP BIOLOGY

AP Biology is a semester-long course that is designed to prepare students for the Advanced Placement Exam. The curriculum is structured around four Big Ideas: Evolution, Energy Processes, Information and Interactions. To master the concepts, students will learn through modes of: Tests, quizzes, labs, activities, current event articles, and scientific journals. This course will provide a basis for students to develop strong conceptual understandings in biology and the opportunity to integrate that knowledge through inquiry-based activities and laboratory investigations. There is a fee for the AP test.

Credits: 1

Recommended Grade Level: 11-12

Length of Course: 1 semester

Prerequisite(s): Successful completion of Biology and Chemistry. Can be taken concurrently with Physics and/or AP Physics.

PHYSICS FOR ENGINEERS

Physics for Engineers is a high school-level technology and science course based on the principles of modern engineering. The course exposes students to some of the major concepts that they will encounter in a postsecondary engineering course of study. This course was designed so students will have the opportunity to develop skills and understanding through project and problem-based learning. A specific emphasis will be placed on the collection and use of real word data to solve problems. Topics include advanced forces, energy sources, fluid power, material properties, and material testing. Students enrolled in this class should be proficient in the use of the 3D engineering program SolidWorks. This class is considered class 3 of 4 in our High School STEM program and will meet the requirements of grade 11 Physics.

Credits: 1 CHS Science credit

Recommended Grade Level: 10-12

Length of Course: 1 semester

Prerequisite(s): Mechanical Design for Engineers

SOCIAL STUDIES

Courses

U.S. History	American Government & Economic Systems
World History	Sociology
AP World History	Psychology
Contemporary World Issues	AP Psychology

U.S. HISTORY

The course provides an in-depth study of the emergence of modern America in the twentieth century, as an industrial nation, a world power and leader, and a cultural melting pot.

Credits: 1 - Required of all Freshmen

Recommended Grade Level: 9

Length of Course: 1 semester

Prerequisite(s):

WORLD HISTORY

World History provides students with a working knowledge of world history beginning with The Cradle of Civilization continuing through the European Renaissance and Reformation through the late 20th Century. Students will examine and understand the importance of historical, political, economic and social changes during this period. Topics to be studied include creation of civilizations through the world, imperialism/nationalism, shifts in world power, global wars, conflicts and civil wars, the emergence of third world countries, the creation of new independent countries, as well as the effect of globalization on the modern world.

Credits: 1 - Required of all Sophomores

Recommended Grade Level: 10

Length of Course: 1 semester

Prerequisite(s):

AP WORLD HISTORY

Advanced Placement World History is equivalent to an introductory college survey course. It is designed to prepare students for successful placement into higher-level college and university history courses. It is designed to develop skills of analysis and thinking in order to prepare students for success in the twenty-first century. Finally, it is the intent of this class to make the learning of world history an enjoyable experience. There is a fee for the AP test.

Credits: 1 - By placement to satisfy required World History

Recommended Grade Level: 10-12

Length of Course: 1 semester

Prerequisite(s):

CONTEMPORARY WORLD ISSUES

Contemporary World Issues will examine issues such as economic and social development, international peace and security, internal and external world conflict, and International law and human rights issues. It will focus on the role of the United Nations, Economic globalization, American foreign policy and military build ups, Middle Eastern and global energy issues, and Religious conflicts around the world.

Exploration, debate, and evaluation of multiple perspectives on current world issues will be conducted.

Credits: 1

Recommended Grade Level: 10-12

Length of Course: 1 semester

Prerequisite(s):

AMERICAN GOVERNMENT AND ECONOMIC SYSTEMS

This course is divided into the following two parts:

Part I: The U.S. Constitution will be the focal point. With democracy as the beginning point, the three branches of government are analyzed; state and local government are explored; and the students' present and future roles in those systems examined.

Part II: Topics will include supply and demand, inflation, recession, unemployment, monetary and fiscal policy, gross domestic product, international trade, and the stock market. Student involvement in the economic process is stressed and illustrated.

Credits: 1 – Required of all Juniors

Recommended Grade Level: 11

Length of Course: 1 semester

Prerequisite(s):

SOCIOLOGY

To understand society is to understand yourself and those around you. Of all the possibilities for you at birth, how and why did you become the person you are today? The fundamental rule of Sociology is that the society you live in primarily determines who you are, why you feel the way you do about things, and even why you think your particular thoughts. **“The choices you MAKE are your own, but the choices you’re GIVEN come from the society you’re in.”** (sociologist Jay Gabler) **SOCIOLOGY** is a study of society and how it has profoundly shaped who you are and what you will become.

Credits: 1

Recommended Grade Level: 11-12

Length of Course: 1 semester

Prerequisite(s):

PSYCHOLOGY

This course explores the behavior of living things, but focuses on the individual behavior of the human being. The student investigates methods of psychological study, the formation of personality and attitudes, principals of learning the functioning of the brain, influences on behavior, mental health and illnesses and individual behavior in the family group and other relationships. This course is considered a college-prep class, but any interested student may take the course. If you are planning to major in Psychology, consider taking A.P. Psychology. Psychology is not a prerequisite for A.P. Psychology.

Credits: 1

Recommended Grade Level: 10-12

Length of Course: 1 semester

Prerequisite(s):

AP PSYCHOLOGY

This course explores the individual behavior and cognition of all human beings. Advanced Placement Psychology covers additional information beyond what is offered in Introduction to Psychology. Units on biological influences, scientific study, research and statistics, therapy, and intelligence are included, and all information is discussed at a college level pace. Students who take this class must have 3.0 grade point average and be interested in college level studies. Students will have the opportunity to take the AP exam for possible college credit at the conclusion of the course. There is a fee for the AP test.

Credits: 1

Recommended Grade Level: 11-12

Length of Course: 1 semester

Prerequisite(s):

TECHNOLOGY

Courses

Introduction to Woodworking & Technology	Advanced Woodworking Technology
Metals and Machining Technology	Advanced Metals & Machining
Welding Technology	Residential Construction
Video Game Design & Development	Advanced Video Game Design
Digital Illustration and Design	Basic Electricity
Mechanical Design for Engineers	Physics for Engineers
Small Engines	Women In Industry
Advanced Welding Fabrication & Product Engineering	
Architectural and Environmental Design for Engineers	
Computer Aided Design & Manufacturing for Engineers	

INTRODUCTION TO WOODWORKING AND TECHNOLOGY

This introductory class will provide the opportunity for students to learn about the proper and safe use of woodworking equipment and tools. A strong emphasis will be placed on all aspects of shop safety and machine respect. Each student will be required to complete two instructor assigned projects that will demonstrate proper tool usage and appropriate woodworking techniques. Other important skills such as blueprint reading, industrial math, and research writing will also be covered. Grading for this class will be based off of several aspects of the woodworking process including; safe work practices, good working relationships with classmates, and economical use of time and materials. Lab exercises will happen on a daily basis and safety glasses will be required for each student. Open to all students grade 9-12.

Credits: .5

Recommended Grade Level: 9-12

Length of Course: 1 quarter

Prerequisite(s):

ADVANCED WOODWORKING TECHNOLOGY

This advanced woodworking class will focus on two main areas of woodworking. The first area is the design process. Students will spend time in the CAD lab researching plans and drawing up custom woodworking plans. The second area of focus will be on advanced woodworking fabrication. Students will be expected to create a project that incorporates the use of advanced woodworking techniques and advanced woodworking joinery. Specific emphasis will be placed on instructor demonstrations of advanced techniques and safe and proper use of equipment. All material for constructing student projects will be the responsibility of the student.

Credits: 1 credit

Recommended Grade Level: 10-12

Length of Course: 1 semester

Prerequisite(s): Introduction to Woodworking & Mechanical Design for Engineers

METALS & MACHINING TECHNOLOGY

This introductory class will provide the opportunity for students to learn about the proper and safe use of metalworking equipment and industrial machines such as the lathe, drill press, end mills, and surface grinder. This course will also focus on feed rates, proper machine set-up, properties of different types of metals, basic welding, and precise measuring. Each student will be required to complete a list of projects that incorporates each metalworking machine. Lab exercises will happen on a daily basis and safety glasses will be required for each student.

Credits: .5 CHS credit and MPTC 623-162 Manufacturing Processes 3 credits

Recommended Grade Level: 9-12

Length of Course: 1 quarter

Prerequisite(s):



ADVANCED METALS & MACHINING

This course is designed for the student who is planning a career in the metalworking field. Development of technical skills is stressed along with skill development in lathe and milling machine operation. CAD, CAM, CNC, sheet metal pattern development, and plasma cutting are some of the areas of study covered. Students may also specialize in areas of their choice with instructor permission. Student exercises and projects will vary depending which areas the students wish to specialize in. Students are responsible for the cost of supplies and safety glasses.

Credits: 1

Recommended Grade Level: 10-12

Length of Course: 1 semester

Prerequisite(s): Metals & Machining Technology

WELDING TECHNOLOGY

Students will study and practice basic welding principles involving shielded metal arc welding, oxyacetylene welding and either tungsten inert gas or gas metal arc welding in the flat, horizontal, and vertical positions. Safety and health awareness along with employability skills needed for success in the welding industry will be taught. Basic units of measurement will be covered and students will be introduced to blueprint reading. This course will serve as an introduction to the welding field and will benefit students considering the fields of welding, fabrication and engineering.

Credits: .5 CHS credit and MPTC 442-309 Intro to Welding Processes 2 credits

Recommended Grade Level: 9-12

Length of Course: 1 quarter

Prerequisite(s):



ADVANCED WELDING FABRICATION AND PRODUCT ENGINEERING

Students enrolled in this class should have a solid background in 2D and 3D CAD and a high aptitude for metal machining and fabrication. This course will cover topics ranging from advanced design and product modeling to industrial/commercial fabrication techniques. Students will be expected to solve real world design and fabrication problems using teamwork and creativity. Students enrolled in this class are expected to be leaders and go above and beyond the effort of a standard class. The final product this class creates will be entered in the annual Project Grill competition in Fond du Lac,, Wisconsin.

Credits: 1 CHS credit and MPTC 442-307 Intro to Welding Part A 2 credits and
MPTC 442-308 Intro to Welding Part B 2 credits

Recommended Grade Level: 11-12, or Instructor Approval

Length of Course: 1 semester

Prerequisite(s): Welding 1, Metals and Machining Technology & Mechanical Design for Engineers

RESIDENTIAL CONSTRUCTION

Students in this class are introduced to residential construction and home building techniques through a variety of “hands-on’ experiences. Activities in this class will focus on floor and wall framing layouts, window and door installation, and siding and roofing techniques. Students will start out this class by working inside on model wall and floor layouts and gradually move to the outside where they will build a full size 8’ x 10’ garden shed. Safety is emphasized throughout the course in the use of hand tools and power equipment. Students enrolling in this class will need a tool belt that contains a hammer, tape measure, and a utility knife. All students will benefit from this course regardless of their respective learning styles, learning rates, or gender. This class is a perfect companion to Architectural Design and Drafting.

Credits: .5

Recommended Grade Level: 10-12

Length of Course: 1 quarter

Prerequisite(s): Introduction to Woodworking Technology

VIDEO GAME DESIGN AND DEVELOPMENT

Wish you could create your own personal version of Pac-Man?? Now you can! Video Game Design and Development is a quarter long course that introduces students to game creation and design. The course starts off by teaching students how to create 2d games in a program called Game Maker. Students will create all types of games from classics like Pac-man and Space Invaders to advanced platform games like Super Mario Brothers. In the process, students will develop creative problem solving skills involving math and physics. At the end of the course, students will work on their own game project utilizing their knowledge of Game Maker and good game design methodologies. The course ends with class presentation of their Video game and an introduction to 3D gaming.

Credits: .5

Recommended Grade Level: 9-12

Length of Course: 1 quarter

Prerequisite(s):

ADVANCED VIDEO GAME DESIGN

Advanced Video Game Design will continue where Video Game Design and Production left off. Students will work in small groups to complete a workable/playable game that is completely unique. This class will focus on creative problem solving, advanced research and design methods, large and small group teamwork, and interpersonal communication skills. All students who enroll in this course MUST have a solid understanding of Unity 3D and be willing to put time into game design outside of school hours.

Credits: .5

Recommended Grade Level: 10-12

Length of Course: 1 quarter

Prerequisite(s): Video Game Design

DIGITAL ILLUSTRATION AND DESIGN

Are you a creative person with a vivid imagination? If so, Digital illustration and Design might be the perfect class for you. This course will focus on the world of vector based graphics using a program called Adobe Illustrator. Students will use CS6 Classroom in a book curriculum to gain a greater knowledge of this powerful program. Students will also use Adobe Illustrator to create the digital layouts and vector based graphics for use on our CNC vinyl cutter. All students enrolled in this class will be required to create several vinyl layouts to be used on windows and T-shirts.

Credits: .5 CHS and MPTC Course 204-102 Digital Illustration and Design 2 credits

Recommended Grade Level: 9-12

Length of Course: 1 quarter

Prerequisite(s):



BASIC ELECTRICITY

Basic electricity is a course that addresses a broad range of topics that provide students with a general understanding of electrical safety, electrical theory, and basic residential wiring. The course emphasizes safety while addressing topics such as circuits, Ohms Law, safety tools, meters, measuring devices, AC/DC theory, bread-boarding, and wiring fundamentals. Upon successful completion of this course, students will be able to understand circuitry and be able to wire a house with limited supervision.

Credits: .5 CHS and MPTC 413-350 Beginning Electrical Concepts 2 credits

Recommended Grade Level: 9-12

Length of Course: 1 quarter

Prerequisite(s): Algebra



MECHANICAL DESIGN FOR ENGINEERS

The first step in becoming an Engineer is to understand how parts are designed and built. Mechanical Design for Engineers will introduce students to two key design programs used by Engineers in local industries such as John Deere and Mercury Marine. The first part of this class will introduce students to 2-D design and layout using the industry standard drafting program AutoCAD. Topics in 2-D CAD will cover mechanical and architectural perspective drawing with an emphasis on creating engineering quality drawings. The second part of this class will focus on engineering mechanical design with a program called SolidWorks. Solidworks will explore 3-D mechanical design and layout and part modeling. Topics in 3-D design will cover part design, assembly engineering, and prototype engineering. This class is considered class 1 of 4 in our High School STEM program and is the foundation for all the other STEM classes.

Credits: 1 CHS credit and MPTC Course AutoCad 606-176 3 credits

Recommended Grade Level: 9-12

Length of Course: 1 semester



Prerequisite(s):

ARCHITECTURAL AND ENVIRONMENTAL DESIGN FOR ENGINEERS

Have you ever wondered why houses are designed the way they are? What relationship does a house need to have with the surrounding environment?? Why is there typically a window over the kitchen sink? Why are roofs pitched instead of just being flat? What forces act on a typical residential home? These and many more questions will be answered in Architectural Design and Drafting. Students will learn about every aspect of residential design—from why a foundation wall sits on a footing to why builders install ridge vent on roofs. The primary purpose of this course is to develop a complete understanding of the house building process from the architect's viewpoint, Interior design viewpoint, and landscape viewpoint. Students will complete exercises in preparing site plans, individual room designs, foundation & framing section, landscape plans, and finally a full set of working house plans. Work will be completed using a 3D architectural design program called "Chief Architect". This class is a perfect companion to Residential Construction. This class is considered class 2 of 4 in our High School STEM program.

Credits: 1

Recommended Grade Level: 9-12

Length of Course: 1 semester

Prerequisite(s):

PHYSICS FOR ENGINEERS

Physics for Engineers is a high school-level technology and science course based on the principles of modern engineering. The course exposes students to some of the major concepts that they will encounter in a postsecondary engineering course of study. This course was designed so students will have the opportunity to develop skills and understanding through project and problem-based learning. A specific emphasis will be placed on the collection and use of real word data to solve problems. Topics include advanced forces, energy sources, fluid power, material properties, and material testing. Students enrolled in this class should be proficient in the use of the 3D engineering program SolidWorks. This class is considered class 3 of 4 in our High School STEM program and will meet the requirements of grade 11 Physics.

Credits: 1 CHS Science credit

Recommended Grade Level: 10-12

Length of Course: 1 semester

Prerequisite(s): Mechanical Design for Engineers

COMPUTER AIDED DESIGN AND MANUFACTURING FOR ENGINEERS

Computer Aided Manufacturing or CAM will introduce students to the world of advanced dimension 2D design using a software program called MasterCam. Students will use MasterCam on computers to generate a 2D CNC program. Areas of emphasis for this class will be in the generation of 2D geometry and toolpaths, CNC machine code generation, programming, editing and manipulation, correct speeds and feed rates, and improving each program for full efficiency. This course is run in combination with Moraine Park Technical College. Students will do all the design work at the High School. Once the design work is completed, students will then take a field trip to the MPTC campus in West Bend for the cutting of the design. Students will be required to participate in three field trips to MPTC-West Bend. This class is considered class 4 of 4 in our High School STEM program.

Credits: 1 CHS credit and MPTC 404-340 Computer-Aided Machining-2d MasterCam 2 credits

Recommended Grade Level: 10-12

Length of Course: 1 semester

Prerequisite(s): Mechanical Design for Engineers strongly recommended



SMALL ENGINES

Small Engines is an introduction to the two and four-cycle internal combustion engine. This course provides the student with the theory of fundamentals and operation of both two and four-cycle engines. It includes service, maintenance, troubleshooting, and covers all the sections of their interrelated operation. Students will also learn to use hand tools, power tools, precision measuring and test equipment. Students are responsible for the cost of repair parts for their personal small engines. Students must have and wear safety goggles.

Credits: .5

Recommended Grade Level: 9-12

Length of Course: 1 quarter

Prerequisite(s):

WOMEN IN INDUSTRY

This class is designed for the female population of Campbellsport High School who want to take a traditional Technology and Engineering course but feel out of place or overwhelmed by the shop environment. Women in Industry will focus on the design and engineering process using a 3D engineering program called SolidWorks. Students will design and engineer parts in the design lab that will be manufactured on the 3D printer and the woodshop. This is a hands on project orientated class that will focus on all three areas of industry; design, engineering, and manufacturing.

Credits: 1 CHS Credit and MPTC Course AutoCad 606-176 3 credits

Recommended Grade Level: 9-12 female students

Length of Course: 1 semester

Prerequisite(s):



INDEPENDENT STUDY

Students interested in Independent Study in a specialized subject area should contact the school counselor.

Credits: To be determined

Recommended Grade Level: 12

Length of Course: 1 semester

Prerequisite(s): Approval of instructor

TEACHER ASSISTANT

Students interested in becoming a teacher's assistant need to pick up a Teacher Assistant contract from the Counseling Office. Students must have specific learning objectives generated by the teacher and the student. An evaluation of learning objectives will be completed each quarter.

Credits: .5 credit per semester or .25 credit per quarter

Recommended Grade Level: 12

Length of Course: 1 semester Principal approval is required beyond .5 credit

Prerequisite(s): Students must meet specific requirements to be accepted into this program. You must have a 2.0 GPA, 3.0 CPA and be on track to graduate based on the previous semester.

SCHOOL TO WORK

The School to Work Program is an alternative educational opportunity for high school juniors and seniors that combines academic achievement with a graduated understanding of the world of work. School to Work is a new approach to learning that links students, school and work places. Students participating in the School to Work Program spend a half day in school and a half day at the work site fulfilling a unique set of school-based and work-based competencies.

Students may participate in a two-year apprenticeship or one-year co-op in one of 16 program areas. The program areas are: Agriculture, Food & Natural Resources (Farming, Vet Science), Finance/Insurance, Health Science (CNA, Dental, Pharmacy), Hospitality, Tourism & Lodging, IT, Manufacturing/Welding, STEM (Engineering, Design Drafting) and Transportation, Distribution & Logistics (Auto Tech, Shipping/Receiving/Purchasing)

Credits: 1-2 credits/semester

Recommended Grade Level: 11 & 12

Length of Course: 1, 1-1/2 or 2 years

Some programs are able to be adjusted to a 1 year certificated program.

Contact the school counselor if interested.

Prerequisite(s): Students must meet specific criteria to qualify for participation in the program.

EARLY GRADUATION

The Board of Education believes that it is advisable for the great majority of students to complete a four-year high school program for graduation. Recognizing, however, that some students and their parents/guardians wish to pursue alternative plans, early graduation is offered.

Early graduation from Campbellsport High School may be permitted with the approval of the Board of Education. Each case will be judged on an individual basis. When making early graduation decisions the Board of Education shall review recommendations from the student's parents/guardians, school administrators, and other appropriate staff members.

Students requesting early graduation must comply with the appropriate procedures prior to seeking board approval. Contact the High School Principal or your School Counselor for more information

ONLINE EDUCATION COURSES

An Online Course is curriculum and instruction delivered over the Internet. Students taking an online course, like those in a conventional classroom, may read textbooks, attend lectures, interact with instructors and classmates, conduct experiments, complete assignments, meet deadlines and study for tests. Students who seek academic opportunities not available at their high school find Online Courses to meet those needs.

Advanced Placement Courses

1/2 or 1 credit Junior/Senior Status and approval of guidance counselor. See your school counselor for a list of available courses.

YOUTH OPTIONS PROGRAM

Under the current Youth Options Program, a public school pupil enrolled in the 11th or 12th grade may enroll in an institution of higher education (a UW System campus or center; a technical college; or a private, nonprofit college located in the state) to take one or more courses under certain circumstances. If the course is taken for high school credit and is not comparable to a course offered in the pupil's school district of residence (as determined by the school board of that school district), the school board must pay the institution of higher education the cost of the pupil's tuition, fees and books (the payment to private colleges is capped). If the pupil is taking a course solely for postsecondary credit or is taking a course that is comparable to a course offered in the school district, the pupil is responsible for the tuition and fees. Higher education institutions may admit pupils under this program only if space is available.

Pupil Eligibility. A public school pupil, upon the pupil's request and with the written approval of his or her parent or guardian, may apply to attend a technical college for the purpose of taking one or more courses if he or she:

- (a) has completed the 10th grade;
- (b) is in good academic standing and meets the requirements and prerequisites of the course(s) for which he or she applied;
- (c) does not meet the statutory definition of a "child-at-risk" (a child who is behind his or her age group in the number of high school credits attained or in basic skill levels and who is a dropout, habitual truant, parent or adjudicated delinquent);
- (d) notifies the school board of his or her intent to attend a college or technical college no later than March 1 if the pupil intends to enroll in the fall semester and no later than October 1 if the pupil intends to enroll in the spring semester.

The pupil is eligible to receive both high school and college credit for courses successfully completed at the college.

EQUAL EDUCATIONAL OPPORTUNITIES

The Campbellsport School District is committed and dedicated to the task of providing the best education possible for every student in the District for as long as the student can benefit from attendance and the student's conduct is compatible with the welfare of the entire student body.

The right of a student to be admitted to school and to participate fully in curricular, extracurricular, student services, recreational or other programs or activities shall not be abridged or impaired because of sex, race, color, religion, national origin, ancestry, creed, sexual orientation, pregnancy, marital or parental status, or physical, mental, emotional, or learning disability/handicap, or any other basis protected by state or federal law.

Children of homeless individuals and unaccompanied homeless youth (youth not in the physical custody of a parent/guardian) residing in the District shall have equal access to the same free, appropriate public education, including comparable services, as provided to other children and youth who reside in the District. Homeless children and youth shall not be required to attend a separate school or program for homeless children and shall not be stigmatized by school personnel.

The District shall provide appropriate educational services and/or programs for students who have been identified as having a handicap or disability, regardless of the nature or severity of the handicap or disability. Students may be considered handicapped or disabled under this policy even if they are not covered under the District's special education policies and procedures.

Complaints regarding the interpretation or application of this policy shall be referred to the District Administrator and processed in accordance with established procedures.

Notice of this policy and its accompanying complaint procedures shall be published at the beginning of each school year and posted in each school building in the District. In addition, a student nondiscrimination statement shall be included in student and staff handbooks, course selection handbooks and other published materials distributed to the public describing school activities and opportunities.

Legal Reference: Section 118.13 Wisconsin Statutes
 PI 9, Wisconsin Administration Code
 PI 41
 Title IX, Education Amendments of 1972
 Title VI, Civil Rights Act of 1973
 Section 504 of the Rehabilitation Act of 1973
 Americans with Disabilities Act of 1990
 Individuals with Disabilities Education Act
 Civil Rights Act of 1991
 McKinney-Vento Homeless Education Assistance Act

Cross Reference: 110 - School District Mission and Goals
 333 - Parent Rights and District Programs/Activities
 411 - Rule, Student Discrimination Complaint Procedures

Adopted: March 20, 1995
 Revised: June 1, 2009

CAMPBELLSPORT HIGH SCHOOL COURSE LIST 2016-2017

AGRICULTURE - page 7-10

Agriscience (1/2 credit)
Wildlife Management (1/2 credit)
Farm Operation Safety (1/2 credit)
Food Science & Processing (1/2 credit)
Veterinary Science (1/2 credit)
Animal Science (1 credit)
Advanced Animal Science (1 credit)
Plant Science (1 credit)
Advanced Plant Science (1 credit)
AgriBusiness Management (1/2 credit)
Agricultural Leadership (1/2 credit)

ART - page 11-12

Art Foundations (1/2 credit)
Introduction to Drawing (1/2 credit)
Drawing and Painting (1 credit)
Clay and Sculpture (1 credit)
Advanced Studio Art (1 credit)
AP Art History (1 credit)

BUSINESS AND INFORMATION TECHNOLOGY- page 13-16

Information Processing I (1/2 credit)
Information Processing II (1/2 credit) Dual Credit
Microsoft Office Applications (1/2 credit) Dual Credit
Adobe Creative Suite, InDesign, and Photoshop (1 credit) Dual Credit
Introduction to Business (1/2 credit)
Business & Personal Law (1 credit) Dual Credit
Business Communication (1/2 credit)
Personal Finance and Employability (1 credit)
Accounting (1 credit) Dual Credit
Advanced Accounting/Computerized Accounting (1 credit)
Business Marketing (1 credit) Dual Credit
Entrepreneurship (1 credit) Dual Credit

ENGLISH - page 17-21

English 9 (1 credit)
Honors English 9 (1 credit)
English 10 (1 credit)
Honors English 10 (1 credit)
English 11 (1 credit)
Speech (1/2 credit)
Speech II (1/2 credit)
AP English-Language & Composition (1 credit)
AP English-Literature & Composition (1 credit)
World Literature (1 credit)
Media Studies (1/2 credit)
Creative Writing (1/2 credit)
Research Writing (1/2 credit)
Business Communication (1/2 credit)

FAMILY AND CONSUMER SCIENCE (FACS) - page 22-24

Child Development (1 credit)
Intro to Health Careers (1/2 credit) Dual Credit
World Wide Cuisine (1/2 credit)
Fundamentals of Food (1/2 credit)
Fundamentals of Food 2 (1/2 credit)
Culinary Art (1/2 credit) Dual Credit
Culinary Art 2 (1/2 Credit) Dual Credit

FOREIGN LANGUAGE - page 25-26

Spanish I (1 credit)
Spanish II (1 credit)
Spanish III (1 credit)
Spanish IV (1 credit)
Spanish V (1 credit)

MATHEMATICS - page 27-31

Algebra IA/IB (2 credits)
Algebra I (1 credit)
Geometry Concepts (1 credit)
Geometry (1 credit)
Honors Geometry (1 credit)
Algebra II (1 credit)
Honors Algebra II (1 credit)
Integrating Mathematics (1 credit)
College Prep Mathematics (1 credit)
AP Statistics (2 credits)
AP Calculus (AB) (2 credits)

MUSIC - page 32-33

Band (1 credit)
Jazz Band (1 credit)
Chorus (1 credit)
Independent Study in Music (1 credit)

PHYSICAL EDUCATION AND HEALTH- page 34-37

Foundations of Physical Education (1/2 credit)
PE Individual Sports (1/2 credit)
PE Team Sports (1/2 credit)
Strength & Conditioning (1/2 credit)
Advanced Strength & Conditioning (1/2 credit)
Outdoor Survival Education (1/2 credit)
Lifetime Activities (1/2 credit)
Trends in Fitness I (1/2 credit)
Trends in Fitness II (1/2 credit)
Health (1/2 credit)

SCIENCE - page 38-43

Biology (1 credit)
Honors Biology (1 credit)
Biology AB (2 credits)
Physical Science (1 credit)
Fundamentals of Chemistry (1 credit)
Honors Chemistry (1 credit)
Physics (1 credit)
Anatomy and Physiology A (1/2 credit)
Anatomy and Physiology B (1/2 credit)
Environmental Science (1 credit)
AP Physics 1 (1 credit)
College Chemistry I (CAPP) - (1 credit + 5 college credits)
College Chemistry II (CAPP) - (1 credit + 5 college credits)
AP Biology (1 credit)
Physics for Engineers (1 credit)

SOCIAL STUDIES - page 44-46

U.S. History (1 credit)
World History (1 credit)
AP World History (1 credit)
Contemporary World Issues (1 credit)
American Government and Economic Systems (1 credit)
Sociology (1 credit)
Psychology (1 credit)
AP Psychology (1 credit)

TECHNOLOGY - page 47-53

Introduction to Woodworking and Technology (1/2 credit)
Advanced Woodworking Technology (1 credit)
Metals and Machining Technology (1/2 credit) Dual Credit
Advanced Metals & Machining (1 credit)
Welding Technology (1/2 credit) Dual Credit
Advanced Welding Fabrication and Product Engineering (1 credit) Dual Credit
Residential Construction (1/2 credit)
Video Game Design and Development (1/2 credit)
Advanced Video Game Design (1/2 credit)
Digital Illustration and Design (1/2 credit) Dual Credit
Basic Electricity (1/2 credit) Dual Credit
Mechanical Design for Engineers (1 credit) Dual Credit
Architectural and Environmental Design for Engineers (1 credit)
Physics for Engineers (1 credit)
Computer Aided Design and Manufacturing for Engineers (1 credit) Dual Credit
Small Engines (1/2 credit)
Women In Industry (1 credit) Dual Credit