

2023-2024
Career & Course Planning Guide



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A MESSAGE FOR STUDENTS AND PARENT/GUARDIANS

Choosing courses is one of the most important decisions students will make during high school. This Planning Guide will help families make the best choices possible regarding course selections. To better assist in course selections necessary for career paths, this guide describes the career clusters with the classes offered within the cluster, followed by the course descriptions. It is important that quality time is spent consulting with parents, teachers and your school counselor in considering your best options.

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COURSE SELECTION AND GRADUATION REQUIREMENT INFORMATION

Attention:

*Students and guardians/caregivers should carefully read the directions on this page **before** any courses are selected. Choosing courses in high school based on graduation requirements, genuine interest and career goals, is the first step to planning your future successfully and with intention.*

Directions and general information:

- I. Graduation requirements
 - A. Four (4) years of full-time attendance
 - B. All students must take a minimum of eight (8) academic courses each semester.
- Each student must earn credits in the following required curricular areas:

MINIMUM HIGH SCHOOL GRADUATION REQUIREMENTS

Department	Credits
English	4
Social Studies	3
Math	3
Science	3
Physical Education	1.5
Health	0.5
Success 101	0.5
Personal Finance 12	0.5
Electives	9
Career and Technical Education	1
Total	26

I. Any subject that meets for one semester is worth one-half credit. Exception: Teacher's Assistant: .25/semester.

II. A senior must complete all graduation requirements and meet the attendance requirement that includes making up all time-owed in order to participate in the graduation ceremony.

III. Make course selections very carefully!

****Schedule changes at the start of the school year will not be allowed.**

Exceptions will be considered only for the following reasons:

- a. A medical recommendation.
- b. Special circumstances deemed appropriate by school administration.
- c. A scheduling error is detected.
- d. The balancing of courses is necessary, as determined by school administration.
- e. Student does not meet course prerequisites.

IV. Students planning to attend college or specialized training schools should give special consideration to the entrance requirements of the institution they wish to attend. Students and guardians/caregivers must assume this responsibility by contacting the institution's office of admissions or researching their website.

V. Guardians/Caregivers should feel free to contact the School Counselor (879-2994 x5120) at any time regarding any questions pertaining to the education of their student(s).

****Courses dropped after two school weeks (10 days) will be potentially subject to academic consequences, including a possible W/F on official transcripts.**

EQUAL OPPORTUNITIES

The right of a student to participate fully in any curricular, co-curricular, pupil services, recreational or other program, or activity will not be denied because of a person's sex, race, national origin, ancestry, creed, pregnancy, marital or parental status, sexual orientation or physical, mental, emotional or learning disability.

Concerns regarding alleged violations of this policy shall be referred to the Superintendent of Schools, 106 W Church Street, Orfordville, WI 53575-0250. A procedure for processing the complaint is part of this policy.

COLLEGE AND UNIVERSITY REQUIREMENT INFORMATION

General college requirements include high school graduation, courses identified as college prep courses, class rank, and ACT test scores. Individual campus admission requirements vary greatly and change frequently. It is necessary for students and guardians/caregivers to visit institution websites or contact the office of admissions directly.

Basic requirements for all UW-System institutions include, but are not limited to, the following: English-4 years, Science-3 years, Social Science-3 years, Mathematics-3 years, (including Algebra II). Some institutions require 2 years of foreign language credit. Students may also take the SAT in the spring of their junior year, by registering independently. The PSAT is available each October for Sophomore & Juniors and allows students the opportunity to be eligible for the National Merit Scholarship if taken their Junior year. All sophomores & juniors will take the ACT in the Spring of their Junior year at Parkview per state mandate.

VOCATIONAL AND TECHNICAL SCHOOL INFORMATION

The great variety of one and two-year programs available to students in vocational and technical schools makes it impractical to try to generalize about entrance requirements or to recommend programs of preparation. Vocational courses do require a mastery of basic reading, writing, and computational skills. Employers consider strong communication skills just as essential as technical preparation. Technical schools are currently very popular because they train students to have a marketable skill, provide apprenticeships, and on-the-job training. Students are

encouraged to speak to their Parkview technical education teachers for more information, resources and opportunities. It is important for students and guardians/caregivers to research each institution via website or contacting the Office of Admissions directly.

VIRTUAL SCHOOL OPPORTUNITIES

PAVE, Parkview School District's virtual academy (online) provides an alternative to the traditional classroom setting. This is a separate school within the District and requires an application process found on the PAVE website. If you have questions about PAVE, please reach out to the PAVE office at 608-879-2994, Ext. 7000.

YOUTH APPRENTICESHIP PROGRAMS

Students registering for their junior year may apply for a junior-senior (two-year) Youth Apprenticeship (YA) program offered through the Rock County Area School-to-Work Consortium. Youth Apprenticeship programs are designed to give students more intensive study and a range of work-based learning experiences in a broad career field. Students take four semesters of YA, which are typically outside of the school day, but may also be during school day hours. At the end of their senior year, students who, 1) graduate from high school, 2) complete all four semesters of youth apprenticeship coursework, 3) perform all work-based competencies to a level of proficiency, and 4) work a minimum of 900 hours at a work-based learning site, will earn a Wisconsin Youth Apprenticeship Occupational Proficiency Skills Certificate issued by the State of Wisconsin Governor's Work-Based Learning Board.

Students and guardians/caregivers who would like more information on the Youth Apprenticeship program, should contact Hannah Wellnitz, (608-879-2994) ext. 5101. The YA process has multiple layers, so please begin the process early in order to meet the required deadlines.

Criteria for selection:

1. Complete an application with references and transcripts.
2. Have a 96% minimum attendance record.
3. Have a minimum grade point average of 2.0 on a 4.0 scale.
4. Accept part-time employment.
5. Comply with possible employment requests: fingerprinting, drug testing with results provided to guardians/caregivers, and/or purchase of appropriate career apparel/uniform.
6. Complete an interview with program coordinator and/or employer(s), and be accepted for employment.
7. Students must be approved (application and placement) within the first two weeks of each semester to participate. Please begin the process early.
8. Student discipline records may impact acceptance into the YA program.

The number of students selected will be open to the number of work-based learning positions available. An accepted application does not guarantee placement. Students will also be responsible for the purchase of books and other materials.

1. Agriculture, Food & Natural Resources
2. Architecture & Construction
3. Art, A/V Technology & Communications
4. Finance
5. Health Service
6. Hospitality & Tourism
7. Information Technology
8. Manufacturing
9. Science, Technology, Engineering & Mathematics (STEM)
10. Transportation, Distribution & Logistics

**START COLLEGE NOW AND EARLY COLLEGE CREDIT
PROGRAM INFORMATION**

The dual credit Start College Now program was established to allow 11th and 12th grade students to enroll at an institution of higher education in Wisconsin and take courses that lead to both high school and college credit.

Parkview School District is required to pay for a course taken by a high school

student at a postsecondary institute if a comparable course is not offered in the school district.

Eligibility Requirements:

1. Students must earn C's and above the semester prior to application AND enrollment.
2. Students who have a record of discipline referrals and/or truancy, as determined by School Administration, will not be allowed to participate in Start College Now.

Participation in the Start College Now program requires the following in concert with the school counselor.

1. Interest should be discussed with a school counselor.

2. Participation in a mandatory meeting in September for Spring enrollment and March for the following Fall enrollment.

3. The Start College Now forms must be submitted to the school counselor by the deadlines set forth each semester.

Start College Now requests will be taken to the Board of Education for approval. Students will be notified if the Start College Now courses will be awarded high school credit and the amount of credit you will receive. The post-secondary institution and your school counselor can be helpful in making appropriate course selection decisions.

If you have any questions regarding this program, please contact Lisa Kempthorne at 608- 879-2994 x 5120. The START COLLEGE NOW (SCN)* program is open to any 11th or 12th grade student who meets the established requirements. The District will pay for up to 18 post-secondary credits total, between the SCN and Early College Credit Program (ECCP)**. The School Counselor shall be responsible for administering the SCN Program. In doing so, they shall determine whether a course taken through the SCN program is comparable to a course offered in the District, whether it satisfies graduation requirements and what, if any, high school credits will be awarded to the student.

*Legal Ref.: Wisconsin State Statute 118.153, 118.33, 118.55(9), 227.11(2)(a)
Wisconsin Administrative Code PI 40
343.42 - Parkview Board Policy
343.42-Rule

Cross Ref.: 342.4 – At Risk Program

345.6 – Graduation
411 – Equal Educational Opportunities

APPROVED: April 26, 2004

January 24, 2011

June 15, 2015

April 23, 2018

** The Early College Credit Program (ECCP) is open to any student in grades 9-12 who meets the established requirements. The District will pay for up to 18 post-secondary credits, during the course of a student's participation in ECCP and/or Start College Now (SCN). The School Counselor shall be responsible for administering the ECCP Program. In doing so, they shall determine whether a course taken through ECCP program is comparable to a course offered in the District, whether it satisfies graduation requirements and what, if any, high school credits will be awarded to the student.

Legal Ref.: 38.12(14) – Wisconsin Statutes 115.385(4) – Wisconsin Statutes 118.15(1)(b) – Wisconsin Statutes 118.33– Wisconsin Statutes 118.55 – Wisconsin Statutes 118.55(3)(b) – Wisconsin Statutes 118.55(5) – Wisconsin Statutes 118.55(6)(b) – Wisconsin Statutes 118.55(6)(c)1– Wisconsin Statutes 118.55(7t)(a) – Wisconsin Statutes 118.55(7t)(c) – Wisconsin Statutes 118.55(8) – Wisconsin Statutes 118.57 – Wisconsin Statutes PI 40.07

Wisconsin Administrative Code Cross Ref.: 342.4

At Risk Program 345.6

Graduation 411

Equal Educational Opportunities

APPROVED: APRIL 23, 2018

BLACKHAWK TECHNICAL COLLEGE COURSE INFORMATION

Articulation Agreements for High Schools:

Students taking courses marked with the Blackhawk Technical College graphic can earn **free BTC credits** at Blackhawk Technical College. See your business teacher for more details.

Purpose and Benefits:

- To help transition high school students to post-secondary education
- To provide high school students the opportunity to earn technical college credit while in high school.
- To assist high school students in moving forward in their chosen career pathway.

Definitions and Requirements:

Two types of articulation exist: Advanced Standing and Transcribed Credit

- For Advanced Standing articulation, the high school course and Blackhawk Technical College(BTC) course must be comparable.
- Curriculum, objectives and competencies should be equivalent.
- Students must achieve a minimum grade of “B” to receive Advanced Standing on their transcript.
- Advanced Standing agreements are reviewed every year.
- For Transcribed Credit, the course articulated is a BTC course that is taught at the high school.
- Curriculum, objectives, and competencies established by BTC must be the same.
- The assessment criteria and grading formula established by BTC must be followed.
- Students must achieve a minimum grade of “C” to receive Transcribed Credit on their transcript.

- The textbook to be used is the same or is an agreed upon equivalent textbook.
- The course is taught by a high school teacher who meets articulation certification for the Wisconsin Technical College System (WTCS).

For more information, please contact:

Contact the School Counselor
At 608-879-2994 ext. 5120 lkempthorne@email.parkview.12.wi.us



R= Required course at indicated grade level E= Elective Course at indicate grade level

Freshmen	Sophomores-Seniors
WI Outdoors (E)	Agribusiness and Leadership (E)
Agriscience Survey (E)	WI Outdoors (E)
Small Animal Vet (E)	Small Animal Vet (E)
Food Production (E)	Food Production (E)
Ag Power (E)	Welding and Metals (E)
	Large Animal Vet Science (E)
	Agriscience Survey (E)
	Agricultural Manufacturing (E)
	Horticulture (E)
	Ag Power (E)

AGRISCIENCE SURVEY

9 10 11 12

.5 Credit

OFFERED: Alternate Years Semester- 2024-2025



This survey class is designed to introduce the high school student to the world of agriculture. Upon successful completion of this course, students will have an

understanding of FFA, its role in agriculture education, and an understanding of parliamentary procedure. The student will identify various weeds and insects and know how to control them. The student will interpret soil test results and calculate fertilizer application rates. The student will have an understanding of biotechnology, wildlife management, and an understanding of raising livestock, including breeding, raising, and selling farm animals. Students will also study some of Wisconsin's lesser-known commodities such as cranberries, honey, and strawberries. Use of the school land laboratory will be incorporated into this class.

HORTICULTURE AND LANDSCAPING (TC)

10 11 12

.5 Credit

OFFERED: SEMESTER-**Meets Graduation Science Credit**



In one of the most rapid growth areas of agriculture, students in this class will be introduced to the world of plant sciences. Upon successful completion of this course, students will understand plant propagation, pest management, growth stimulants, rooting hormones, house plants, terrariums, bedding plants, lawn maintenance, trees and shrubs, and gardens.

Students will be able to manage a greenhouse in the production of such plants as poinsettias, mums, geraniums, and Easter lilies. The students will understand concepts of hydroponics, the production of plants without soil, while raising such crops as lettuce and tomatoes with the nutrient enriched water of our fish production tanks. Students will become familiar with a computer-based landscape design program and participate in a landscape design project. On completion of this class, students will be eligible for advance placement at all Wisconsin Technical Colleges (excluding MATC) in the area of Plant Morphology and Physiology and Soil Science.

WISCONSIN OUTDOORS

9 10 11 12

.5 Credit

OFFERED: SEMESTER



In this class, the student will understand how we interact with the components of the environment: plants, animals, water, soil, air, minerals, and energy. Upon successful completion of this course, students will estimate wildlife populations, know how to improve the habitat, and how to identify and preserve the fish, fowl, and animal species. Students will run successful water quality tests, understand soil conservation practices, and understand different soil orders.

Students will learn to identify different tree, fish, and duck species using a dichotomous key and will manufacture a fishing lure and a duck decoy.

AGRIBUSINESS AND LEADERSHIP

10 11 12

.5 Credit

OFFERED: Alternate Years Semester-2024-2025



This class is the culmination of your experience in agriculture education. Upon successful completion of this class, students will have an understanding of the complex world of agribusiness management practices. Students will understand agricultural law and how to make it work for them, such as land set-aside programs, forestation and conservation practice payment programs and the tax breaks available for such practices. Students will design a business plan using the concepts taught throughout the semester.

FOOD PRODUCTION AND PROCESSING

9 10 11 12

.5 Credit

OFFERED: SEMESTER



On successful completion of this class, students will duplicate many of the methods used to process products of our agriculture industry. Students will understand laboratory techniques involving cream separation, pasteurization, homogenization, butter- churning, ice cream production, yogurt culturing, cheese making and protein reclamation. Students will evaluate, inspect, grade, cut, grind, package, and cure meat in the meat-processing unit, and make sausage and jerky. Students will understand the vegetable canning and freezing industry and the processing of grains and forages. Cutting, grinding, pickling, fermentation, roasting, extruding, pelleting, cubing, and wafer making are other processes of the human and animal feed industry that each student will learn. The student will gain hands-on experience in many classroom laboratory settings.

LARGE ANIMAL VETERINARY SCIENCE (TC)

10 11 12

1 Credit

OFFERED: YEAR



Large Animal Science is an applied course in veterinary and animal science for students interested in learning more about becoming a veterinarian, vet tech, vet assistant, or pursuing a variety of scientific, health, or agriculture professions. This course covers anatomy and physiological systems of different groups of large animals, as well as careers, leadership, and history of the industry. Upon completion of this course, proficient students will be prepared for success in further postsecondary training. Subjects in this course are aligned with Wisconsin Agriculture, Food, and Natural Resources Standards and the Wisconsin Academic Standards for Science.

AGRICULTURAL MANUFACTURING

10 11 12

.5 Credit

OFFERED: Alternate Years Semester- Offered 2024-2025



Agriculture Manufacturing will explore the process of Lean Manufacturing, Six Sigma, building materials, and industrial agriculture. Units covered are history and elements of manufacturing mass production systems, advertising, machine operation for industry, greenhouse structure, and agriculture equipment manufacturing. Students will participate in assembly projects to explore different types of assembly lines, pole barns, and greenhouses set ups. This course is strongly recommended for any student that will be entering the field of agriculture mechanics or agriculture engineering. This includes students entering a university or vocational school.

WELDING AND METALS (AS)

10 11 12

.5 Credit

OFFERED: SEMESTER

FEE: \$15 LAB

NOTE: STUDENTS MUST PAY FOR ALL METALS USED FOR THE CONSTRUCTION OF THEIR PROJECT



The ability to join metals permanently with the application of heat is a skill that a student will use for a lifetime. With businesses that employ metal fabricators in large numbers, so close to the district such as Kuhn Knight and Monroe Trucking Maintenance, it is also a skill that can lead to full time employment with a comfortable wage attached. In the welding class, students will learn to safely use equipment such as welders, wire feed welders, plasma torch brake, drill press, and

hand grinders. Students will learn how to run a correct bead while performing butt welds, t-welds, lap welds, edge welds, and inside and outside corner welds. Students will culminate their experience in the class by creating a welding art project, constructing a project of choice by the instructor and by building or repairing a project chosen by the student with the instructor's consent.

SMALL ANIMAL VETERINARY SCIENCE

9 10 11 12

.5 Credit

OFFERED: Alternate Years Semester- Offered 2023-2024



With the transition of our population from rural to suburban and urban settings comes the need for an understanding of companion animals and other small animals we keep as pets. Upon the successful completion of this class, students will understand the nutritional care, production, and management practices of many different breeds of cats and dogs as well as breed identification. Students will be able to identify, produce, raise, and care for canines, felines, chickens, birds and rabbits. Students will understand how pet stores operate and they will simulate operations in the classroom. The student will practice simple health care and pet grooming techniques. The student will also debate issues surrounding animal rights and welfare and explore the world of the veterinarian. Students will research and prepare pamphlets on animal diseases and will be able to understand the science behind barrier-reared animals.

AGRICULTURAL POWER MACHINES AND TECHNOLOGY

9 10 11 12

.5 Credit

OFFERED: Alternate Years Semester- 2023-2024

FEE \$5.00



Some of the most practical knowledge that a person of today can possess is an understanding of how engines and various mechanical systems operate. This class will enable a student to understand how small engines, automobiles, tractors and machinery, and industrial equipment operate and how to perform simple maintenance procedures. This same student will be able to diagnose engine failures by knowing how to use an engine analyzer. Students will explore new technology within the production agricultural industry.



R= Required course at indicated grade level E= Elective Course at indicate grade level

Freshmen	Sophomores-Seniors
Art Fundamentals (E)	Art Fundamentals (E)
Digital Photography I (E)	Digital Photography I (E)
Digital Photography II (E)	Digital Photography II (E)
Drawing I (E)	Drawing I (E)
	Drawing II (E)
Ceramics I (E)	Ceramics I (E)
	Ceramics II (E)
Exploring Art Media (E)	Exploring Art Media (E)
	Painting I (E)
	Painting II (E)
	Video Production (E)

ART FUNDAMENTALS

9 10 11 12

.5 Credit

OFFERED: SEMESTER FEE: \$10

This course is a prerequisite for Drawing, Painting and Ceramics

This course offers students hands-on experience with making art, familiarity with

art vocabulary and concepts, and a fuller understanding of careers available to artists. Studio projects will explore two and three-dimensional design, color theory, painting, and ceramics using a variety of media.

VIDEO PRODUCTION

10 11 12

.5 Credit

OFFERED: SEMESTER

Prerequisite: Photography I or Yearbook

Video Production is a semester-long course open to students who successfully complete Photography I, Yearbook, or have pre-approval prior to enrollment. Students will develop essential creative and technical skills through the production of the PTV News show. .. Students will work individually and in groups to write, shoot, and edit the d PTV News Program. Sample student projects during the semester include PTV News, PSA's, content pieces, interview project, 5 Shot Project, . Students will work with the following software on desktop computers: Adobe Premiere Pro. Students **MUST** be able to meet filming and editing deadlines.

DRAWING I

9 10 11 12

.5 Credit

OFFERED: Alternate years Semester –2023-24

FEE: \$10 (INCLUDES SKETCHBOOK, ERASER, AND DRAWING PENCILS)

Prerequisite: Art Fundamentals or Exploring Art Media

Drawing I and Drawing II This semester-long course is designed for beginner artists who have an interest in learning how to draw or sketch -- or simply want to improve their skills. It covers the tools you'll need to draw and also provides plenty of exercises to practice drawing using different techniques and styles. It will cover drawing people, places, things, and even abstract concepts. Drawing is the essential and very basic part of art production, personal expression, and communication.

DRAWING 2

10 11 12

.5 Credit

OFFERED: Alternate years Semester – 2023-24

FEE: \$10 (INCLUDES SKETCHBOOK, ERASER, AND DRAWING PENCILS)

Prerequisite – Art Fundamentals or Exploring Art Media; **MUST PASS DRAWING I TO ADVANCE TO DRAWING II**

Drawing II will be held during the Drawing I class. Students will expand on skills learned in Drawing I, but projects will be conducted on an independent basis

PAINTING I

10 11 12

.5 Credit

OFFERED: Alternate years Semester –2023-24

FEE: \$10

Prerequisite – Art Fundamentals or Exploring Art Media

In this semester-long course, students will learn several painting skills and techniques. The class will be divided into 2 parts - watercolor and acrylic painting.. Students will work on canvas, paper, wood, and a surface (own choice). We will explore graffiti, color theory, create a textured painting, Bob Ross landscapes, and develop a personal painting style.

PAINTING 2

10 11 12

.5 Credit

OFFERED: Alternate years Semester – 2023-24

FEE: \$10

Prerequisite – Art Fundamentals or Exploring Art Media AND PASS PAINTING I TO ADVANCE TO PAINTING II

Painting II will be held during the Painting I class. Students will expand on skills learned in Painting I. Projects will be conducted on an independent basis.

CERAMICS I

9 10 11 12

.5 Credit

OFFERED: Alternate years Semester – Offered 2024-2025

FEE: \$20

Prerequisite – Art Fundamentals or Exploring Art Media

In ceramics, both hand-built and wheel thrown pottery are explored. The student will receive a fundamental knowledge of texture, decoration, and glazing techniques with clay. Emphasis will be placed on 3D design and craftsmanship.

CERAMICS 2

10 11 12

.5 Credit

OFFERED: Alternate years Semester – 2024-2025

FEE: \$20

Prerequisite – Art Fundamentals or Exploring Art Media AND PASS CERAMICS I TO ADVANCE TO CERAMICS II

Ceramics II will be held during the Ceramics I class. Students will expand on skills learned in Ceramics I, but projects will be conducted on an independent basis.

DIGITAL PHOTOGRAPHY I (AS)

9 10 11 12

.5 Credit

OFFERED: SEMESTER FEE: \$5



This course covers basic concepts and practice of digital photography, including understanding camera functions, lenses, and other basic photographic equipment. The course will address aesthetic principles as they relate to composition, space, exposure, light and color. Digital media time will focus on the fundamentals of Photoshop to create graphic design projects and photo editing... Participants will be expected to take photographs after school and on weekends.

DIGITAL PHOTOGRAPHY 2

9 10 11 12

.5 Credit

OFFERED: SEMESTER

FEE: \$5

Prerequisite: Must Pass Photography I

Photography II will be held during the Photography I class. Students are to bring their own camera to class. Students will expand on skills learned in Photography I, but projects will be conducted on an independent basis. Participants will be expected to take photographs after school and on weekends.

EXPLORING ART MEDIA

9 10 11 12

.5 Credit

OFFERED: Semester

FEE: \$10

This course is a prerequisite for Ceramics. This class gives the student the opportunity to work with 2-D and 3-D art media not found in the other art classes. Students will paint, use paper mache, mixed media, screen printing and explore sculpture techniques. There is a focus on Art History time periods and creative problem solving will be encouraged.



R= Required course at indicated grade level E= Elective Course at indicate grade level

Freshmen	Sophomores-Seniors
Entrepreneurship and Marketing (E)	Accounting I (E)
Microsoft Office/Advanced Microsoft Office (E)	Accounting II (E)
Introduction to Business (E)	Microsoft Office/Advanced Microsoft Office (E)
	Introduction to Business (E)
	Entrepreneurship and Marketing (E)
	Success 101 (R) Junior Year
	Personal Finance (R) Senior Year
	Youth Apprenticeship (Junior, Senior Year)

INTRODUCTION
TO BUSINESS
(TC)
9 10 11 12



.5 Credit
OFFERED: SEMESTER

Are you planning a career in business or planning to run a small business? Do you know what a business needs to do to make and sell a product or service? In this course, students will learn about the activities of a typical business. Students will learn how organizations are structured and financed. They will explore how businesses manufacture and sell a product, hire employees, and meet their legal responsibilities. This course provides a great overview of business operations that will be helpful to any student considering a business career. Guest speakers will help provide insights into these issues.

ENTREPRENEURSHIP & MARKETING

9 10 11 12

1 Credit

OFFERED: FULL YEAR



Planning Ahead:

(For the 2024-2025 SY, Introduction to Business will be a required prerequisite for this course)

Entrepreneurship and Marketing students will learn all that goes into operating a business. Students will be tasked with coordinating all the decisions revolving around inventory, marketing, finance, management and general business operations of the Parkview School Store. Students will have the opportunity to apply for Management positions and take on additional responsibilities that oversee the various operational departments of the business (marketing, human resources, finance, inventory, etc). Please note, students will be responsible for staffing the school store before and after school and during select sporting/school events.



ACCOUNTING I (AS)

10 11 12

1 Credit

Offered: Full Year



Many jobs require accounting knowledge. Students will learn how different businesses record and keep financial information. Activities include recording transactions in journals, posting to ledgers, and completing reports and statements. In addition, students will use computer software to complete the work as it is usually done in the business today. At the end of the semester, students will

have the opportunity to complete accounting simulations, allowing them to experience direct application of course material.

ACCOUNTING II

11 12

.5 Credit

Offered: Semester



Prerequisite: Must pass Accounting I

This course covers more advanced accounting skills to prepare students for future employment. Students will learn accounting procedures and techniques used in solving business problems and making financial decisions. Students will have the opportunity to evaluate the financial processes of the Parkview School Store and have access to the QuickBooks and Square financial software.

A simulation will be completed in which actual business checkbooks, journals, and general ledgers are used to complete the work for a business.

MICROSOFT OFFICE (Semester I)

ADVANCED MICROSOFT OFFICE (Semester II) (TC)

9 10 11 12

.5 Credit/each

OFFERED: SEMESTER



Microsoft Office:

Microsoft Office Applications is recommended for all students, including those entering the job market after high school and those pursuing post-secondary educational opportunities. This course will offer students an overview of the Microsoft Office Suite including Word, Excel, PowerPoint, Access and Office 365. Additionally, students will be better prepared for the MOS Expert Certification that is offered through the Advanced Microsoft Office class.

Advanced Microsoft Office:

Microsoft Office Applications is recommended for all students, including those entering the job market after high school and those pursuing post-secondary educational opportunities. This course is designed to help students develop an advanced level of proficiency with the most commonly used office productivity software. Participants will develop the skills to: create and edit complex

spreadsheets, manage mail, contacts, calendar and tasks in Outlook; create advanced and interactive PowerPoint presentations and design documents in Word. Specifically, course topics cover advanced and specialized features of Microsoft Word, Excel, PowerPoint, Access and OneNote. Throughout the course students will prepare and complete the MOS Expert Certification.

SUCCESS 101

11

.5 Credit

OFFERED: SEMESTER

Required for all juniors for graduation. It is also a requirement for graduation. Students will be guided through a variety of reading and writing strategies and study skills that will help them prepare for the ACT exam that they will take later in the year. Students will also use tools and information from XELLO to explore career and postsecondary pathways. Students will be using college bound activities, methodologies and tasks during the semester to support them as they begin to apply to 2- year, 4-year, or Technical Colleges/Universities. Students will also research and discuss the importance of trades as a postsecondary option and career path as they narrow down their postsecondary plans. Guest speakers will be helping to provide insight to important career topics and careers.

PERSONAL FINANCE

12

.5 Credit

OFFERED: Fall Semester only- **Required for all seniors for graduation**

This course prepares students to become financially independent adults. Students will learn how to analyze and interpret various financial tools and opportunities through exploration of real-life financial decision making. Taxes, Banking Services, Investing, Insurance and Credit are among the many topics that will be covered in this course.

Students will learn how to analyze consumer decisions so that your money can go farther and you can have a secure and comfortable life through retirement. Students will look at the real-world application of financial decisions that you will have to address as an adult. Taxes, Banking Services, Saving, Investing and Insurance will all be explored.

YOUTH APPRENTICESHIP

Youth Apprenticeship (YA) integrates school-based and work-based learning to instruct students in employability and occupational skills defined by Wisconsin industries. Local programs provide training based on statewide youth apprenticeship curriculum guidelines, endorsed by business and industry. Students

are instructed by qualified teachers and skilled worksite mentors. Students are simultaneously enrolled in academic classes to meet high school graduation requirements, in a youth apprenticeship related instruction class, and are employed by a participating employer under the supervision of a skilled mentor. Parkview students must apply and be approved for participation in the Youth Apprenticeship program. Attendance, behavior and academic performance will be factors in consideration.

Begin

- Level One and Level Two apprenticeships may begin upon completion of a student's sophomore year if their age does not violate Employment of Minors legal restrictions for that occupation.
- Level One apprenticeships may begin as late as January of the senior year, and Level Two apprenticeships may begin as late as January of their junior year.

Complete

- By high school graduation
- By AUGUST 31 following high school graduation

YOUTH APPRENTICESHIP LEVEL I

11 12

.5 Credit (per semester)

Requirements:

- *Junior OR Senior year of High School*
- *450 hours of work-based learning MINIMUM*
- *2 semesters of related classroom instruction*

YOUTH APPRENTICESHIP LEVEL II

12

Prerequisite: Level I Youth Apprenticeship Certificate

Students who complete their LEVEL I Youth Apprenticeship, will have the opportunity to take a LEVEL II Youth Apprenticeship.

Requirements:

- *Junior AND Senior year of High School*
- *900 hours of work-based learning MINIMUM*
- *4 semesters of related classroom instruction*

WORK BASED LEARNING

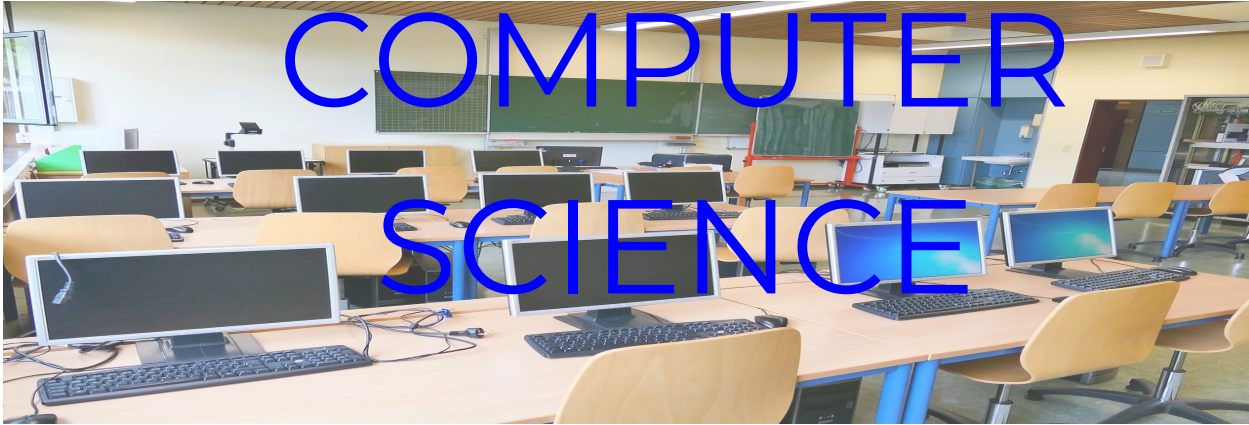
10 11 12

UP TO 1 Credit

OFFERED: SEMESTER OR FULL YEAR

Work study provides senior students the opportunity for a work experience outside of Parkview. Students will develop concepts and attitudes that are basic to life-long learning. Emphasis will be on attendance, developing good work habits, and problem solving with co-workers. Students may enroll in this program for one class period for a full year or up to two class periods for one semester. For Work-Study, students *must* have their own job. A Work Permit is required for students under the age of 16

- Involves sustained interactions, either paid or unpaid, with industry or community professionals
 - Sustained = minimum of 90 hours, can be rotated among employers and/or positions, the employer is engaged throughout the experience.
 - Can take place in one semester, an entire year, the summer, or even a six-week period.
- Interactions must be more than just observing and include direct communication and involvement with industry or community professionals
- Takes place in real workplace settings (as practicable) or simulated environments at an educational institution
- Fosters in-depth, firsthand engagement with the tasks required in a given career
- Aligns with a course (generally speaking should be a minimum of one semester). It is highly encouraged to provide credit for the work-based learning experience as well as credit for the school-based course.
- Must include a training agreement between the student, employer/business, and school that defines the roles and responsibilities of the student, the employer, and the school.
- Business and education partners work together to evaluate and supervise the experiences, which must be documented with training or learning plans and evaluation forms.



R= Required course at indicated grade level E= Elective Course at indicate grade level

Freshmen	Sophomores	Juniors - Seniors
Python Fundamentals (E)	Python Fundamentals (E)	AP Computer Science A (E)
	Computer Science Fundamentals (E)	Python Fundamentals (E)
		Computer Science Fundamentals (E)

PYTHON FUNDAMENTALS

9 10 11 12

1 Credit

OFFERED: FULL YEAR

This course is designed to offer an introduction to computer science. Students will learn the basics of computer programming along with the basics of computer science. The material emphasizes computational thinking and helps develop the ability to solve complex problems. This course covers the basic building blocks of programming along with other central elements of computer science. It gives a foundation in the tools used in computer science and prepares

students for further study in computer science, including AP Computer Science Principles and AP Computer Science A courses.

COMPUTER SCIENCE FUNDAMENTALS

10 11 12

1 Credit

OFFERED: FULL YEAR

Prerequisite: Passing grade in Algebra 1

This course will serve as an introduction to computer science for those with no experience and an extension of learning for those that have taken a prior computer science course. This course is designed to prepare students to take either AP Computer Science Principles or AP Computer Science A in the following school year. The class will cover topics such as Python, Java, and several topics of computing.

AP COMPUTER SCIENCE A

11 12

1 Credit

OFFERED: Alternate years 2023-24

Prerequisite: Passing grade in at least one prior programming course

Note: Summer work may be required

Content: This yearlong course is comparable to the first course in the introductory sequence for computer science majors in college. An AP Computer Science A course is intended to serve both as an introductory course for computer science majors and as a course for people who will major in other disciplines that require significant involvement with technology. JAVA is a platform independent language and the programs students write will compile successfully on Macintosh or Windows operating systems. Upon completion of the course, students will have the opportunity to take an Advanced Placement Computer Science Exam.



R= Required course at indicated grade level

E= Elective Course at indicate grade level

	Freshmen	Sophomores	Juniors	Seniors
REQUIRED: 4 credits to graduate	English 9 (R) or Honors English 9 (R)	English 10 (R) or Honors English 10(R)	English 11 ® or A.P. Language & Composition *Note: AP Lit could be taken before AP Lang. or Writing 101-CAPP *Note: This class can replace .5 credits of your required English listed above.	English 12 ® or A.P. Literature *Note: AP Language & Composition could be taken instead or Writing 101-CAPP *Note: This class can replace .5 credits of your required English listed above.
ELECTIVES:	Creative Writing (E)	Creative Writing (E)	Creative Writing (E)	Creative Writing (E)
	Yearbook (E)	Yearbook (E)	Yearbook (E)	Yearbook (E)
	Theater Exploration (E)	Theater Exploration (E)	Theater Exploration (E)	Theater Exploration (E)
	Film Investigation (E)	Film Investigation (E)	Film Investigation (E)	Film Investigation (E)

ENGLISH 9 OR HONORS ENGLISH 9

9

1 Credit

OFFERED: FULL YEAR

This course is a requirement for ALL freshmen. This class builds the foundation for all high school English classes, students will study various genres of literature, informational texts, grammar, speech, and composition throughout the year. Frequent writing will be required in this course and will correspond with units in literature. This course will also focus on standards for speaking and listening at this grade level.

CREATIVE WRITING ***NOT FOR ENGLISH CREDIT**

This could be a CAPP per UW-O/ students don't have to be a CAPP- remain an elective - 2 sections - one each semester- could be a reg. CW or CAPP CW- could be simultaneous as well-

9 10 11 12

.5 Credit

OFFERED: SEMESTER

NOTE: Students who have taken this course may take it again (with teacher consent).

This class is designed for students who like to write poetry, plays and short stories. Students will learn about style, form and techniques used by good writers in all of those areas of writing. Students will write to publish in a magazine, on line, or as a submission to a writing contest, as well as critique each other's writing.

FILM Investigation ***NOT FOR ENGLISH CREDIT**

9 10 11 12

.5 OR 1 Credit

This course allows students the opportunity to learn about various aspects of the film industry including: cinematography, movie genres, narrative structure & storytelling, technology in film, careers in the film industry, film analysis, etc. The course will give students a greater understanding and appreciation for how films are constructed and how they convey meaning while appealing to a wide range of audiences. Students will leverage 21st century skills and technology to demonstrate a knowledge and appreciation of film as a form of art and entertainment.

YEARBOOK ***NOT FOR ENGLISH CREDIT**

9 10 11 12

1 Credit

OFFERED: FULL YEAR

Prerequisite: Ability to attend events in and out of school

Note: Students who have taken this course may take it again. This class is as close to the real world as you're going to get: deadlines, high pressure, layouts and a product that is viewed by more than just your high school teacher. Welcome to the world of Yearbook. For this class, students will work collaboratively to design The Viking. From concept to implementation, students will work hand-in-hand with teachers to develop the best publication possible. To achieve this, students must work online from home, attend school activities (before, during and after school), Engage in interviews (staff, student and community members), market (advertising and sales), as well as design creative pages/layouts using Yearbook Avenue and Photoshop.

THEATRE EXPLORATION ***NOT FOR ENGLISH CREDIT**

9,10,11,12

1 Credit

OFFERED: FULL YEAR If taking only 1 semester, Semester I is the only opportunity for that. Students may take Semester II for more than 1 year.

This course will give students an overview of theater arts with an emphasis on history in semester one and performance in semester two. Students will be introduced to topics on the origins of western theater, the roles in the theater, types of stages, ways of analyzing a script, and theater terms. In addition, students will learn the basics of theater principles in stage movement, voice, improvisation, character analysis, scene work, and audition skills. Students will be expected to complete individual assignments as well as work in ensemble with their peers. All students will perform scenes and monologues, write both creative and research papers, and will participate to their full ability in class activities. Students will need to audition for the play and musical, help with prop and set design, OR be a part of stage crew as a requirement for the course.

ENGLISH 10 OR HONORS ENGLISH 10

10

1 Credit

OFFERED: FULL YEAR

This course is a requirement for ALL sophomores. The course will build on the skills developed in English 9. The rigor will increase as students continue to look at various genres of literature and informational text and start to focus their writing skills on a specific mode of writing. Frequent writing and associated grammar skills will continue to be required in this course and will correspond with units in literature. This course will also focus on standards for speaking and listening at this grade level.

ENGLISH 11: AMERICAN LITERATURE

11

1 Credit

OFFERED: FULL YEAR

This is a junior-level course that focuses on the major influences in American culture and the resulting movements in American literature in both literature and informational texts. This is a survey class designed to develop a student's understanding of movements related to Romanticism, Realism, Modernism, and more. This course will also require students to pull writing skills from their previous English courses to develop cohesive and mechanically-correct writing that discusses different topics related to the literature and arguments presented in the course. This class will also cover the speaking and listening standards at this grade level.

AP LANGUAGE & COMPOSITION

11 12

1 Credit

OFFERED: FULL YEAR

The AP English Language and Composition course aligns to the introductory college-level rhetoric and writing curriculum, which requires students to develop evidence-based analytic and argumentative essays that proceed through several stages or drafts. Students evaluate, synthesize, and cite research to support their arguments. Throughout the course, students develop a personal style by making appropriate grammatical choices. Additionally, students read and analyze the rhetorical elements and their effects in non-fiction texts, including graphic images as forms of text, from many disciplines and historical periods.

AP Language and Composition is demanding, requiring frequent out-of-class reading and both short-term and long-term writing assignments. Classroom discussion, active participation, and consistent attendance are vital to success in the class. Students who pass the test given by the College Board and Educational Testing Service may receive up to six college credits in English. Students who are interested in this class should check with the colleges they are planning to attend for specific information about their acceptance of AP credits.

ENGLISH 12:

12

1 Credit

OFFERED: FULL YEAR

This is a senior-level course that focuses on exploring literature and informational

texts/ideas. From poetry to novels, students will be looking at the idea of character development, examining tone and thematic devices, as well as studying other key literary ideas. Students will continue to develop their writing, speaking, and listening skills in order to enhance the literature as well as the contemplation of the world around them through the literary lens.

AP LITERATURE & COMPOSITION

11 12

1 Credit

OFFERED: FULL YEAR

The AP English Literature and Composition course aligns to an introductory college-level literary analysis course. The course engages students in the close reading and critical analysis of imaginative literature to deepen their understanding of the ways writers use language to provide both meaning and pleasure. As they read, students consider a work's structure, style, and themes, as well as its use of figurative language, imagery, symbolism, and tone. Writing assignments require students to analyze and interpret literary works.

AP English is demanding, requiring frequent out-of-class reading and both short-term and long-term writing assignments. Classroom discussion, active participation, and consistent attendance are vital to success in the class. Students who pass the test given by the College Board and Educational Testing Service may receive up to six college credits in English. Students who are interested in this class should check with the colleges they are planning to attend for specific information about their acceptance of AP credits.

WRITING 101-CAPP

11 12

.5 Credit

OFFERED: SEMESTER

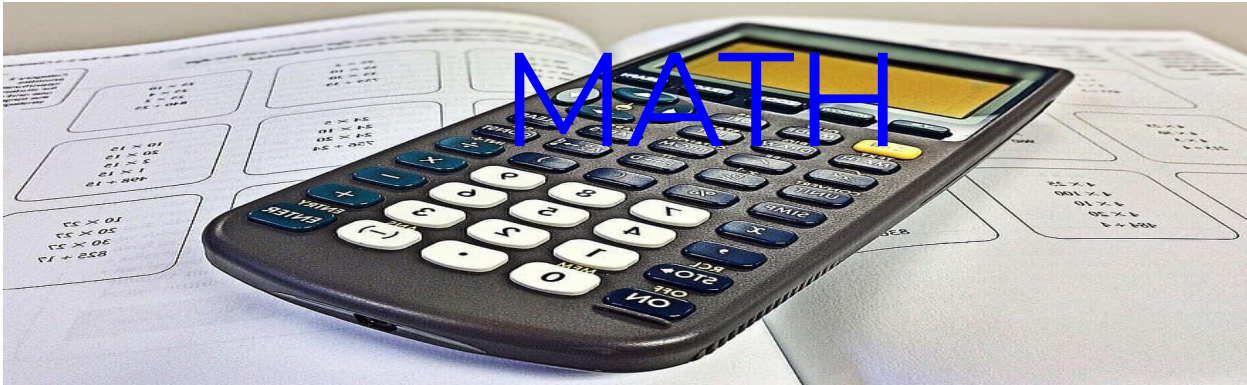


A Writing-Based Inquiry Seminar for CAPP students designed primarily to develop the understanding and skills needed to read and write intelligently at the college level. Some attention is given to responsible handling of research materials. Successful completion of English 101 fulfills the first level of the General Education composition requirement. Successful completion will fulfill the Writing-Based Inquiry Seminar requirement. Students who have earned credit for WBIS 188 may not take English 101 and WBIS. This course requires a fee for credit from UW-Oshkosh. The grade earned in this class will be a permanent part of the student's UW-Oshkosh transcript. (Students who fail this course will have a college transcript at UW-Oshkosh showing an "F" grade.)

At this time, the course requires a \$300 fee plus possible cost of textbooks for this 3-course from UW-Oshkosh. If taking for college credit, the student must enroll at UW-Oshkosh prior to taking the course (Student services will assist families with the enrollment process.) The student that successfully completes this course will earn 3 college credits pending approval by UW-Oshkosh through CAPP (Cooperative Academic Partnership Program). Students can still take this course and not take it for college credit. No course fee is assessed if not taking for a college credit.

Juniors/Seniors who meet at least one of the following requirements can enroll in CAPP:

- Class rank in the top 25 percent
- A GPA of at least 3.00 on a 4.0 scale
- GPA 2.75 with teacher recommendation



R= Required course at indicated grade level E= Elective Course at indicate grade level

Freshmen	Sophomores	Juniors	Seniors
Algebra I (R)	Geometry	Algebra II or Honors Algebra II	Statistics
	Geometry in Construction	Statistics	AP Pre-Calculus
	Honors Algebra II	AP Pre-Calculus	AP Calculus-AB
		AP Calculus-AB	Algebra II

YOUR ACADEMIC PROGRESS IN YOUR PREVIOUS MATH CLASS AND/OR TEACHER RECOMMENDATION WILL GUIDE YOUR COURSE SELECTION. SOME STUDENTS WILL BE REQUIRED TO TAKE SKILLS/SUPPORTS CLASSES BASED ON TEST SCORES AND TEACHER RECOMMENDATION

ALGEBRA I

9

1 Credit

OFFERED: FULL YEAR

NOTE: Students encouraged to have own scientific calculator (SEE ADMINISTRATION IF NEED ASSISTANCE)

Students will be prepared to enroll in Geometry after successfully completing this course. Topics covered will include algebraic expressions and properties, functions, solving and graphing linear equations, writing linear equations, solving and graphing linear inequalities, systems of equations, exponents, polynomial operations, and factoring.

ALGEBRA I SUPPORTS ***NOT FOR MATH CREDIT - Placement based on need**

9

1 Credit

Offered: FULL YEAR

Students who struggle in Algebra 1 are more likely to struggle in subsequent math courses and experience more adverse outcomes. The Algebra I Supports course is designed to help students who, for many possible reasons, need more support than it is possible to provide in their Algebra 1 course. These materials review or establish skills, understandings, and mathematical connections to put students in a better position to be successful in Algebra 1. Each Extra Support lesson is associated with a lesson in the Algebra 1 course. The intention is that students experience each Extra Support lesson *before* its associated Algebra 1 lesson. The Extra Support lesson helps students learn or remember a skill or concept that is needed to access and find success with the associated Algebra 1 lesson.

GEOMETRY

10

1 Credit

OFFERED: FULL YEAR

Prerequisite: Pass Algebra I

NOTE: Students encouraged to have their own scientific calculator (SEE ADMINISTRATION IF NEED ASSISTANCE).

In this class students will work with various geometrical figures and their properties. Topics covered will include reasoning and proof, coordinate geometry, parallel and perpendicular lines, congruent triangles, triangle properties, similarity, the Pythagorean Theorem, special right triangles, and trigonometric functions. Applications of all topics are emphasized throughout the course work.

GEOMETRY IN CONSTRUCTION WITH PRODUCTION WOODWORKING

Grade

10

2 Credits (Type: Math and CTE)

Prerequisite: Algebra 1

Geometry in Construction:

This course is one part of the combined Geometry in Construction course. Students are engaged in exploring complex geometric situations and deepening their understanding of geometric relationships in the context of a construction project. They will prove theorems and solve problems about triangles, quadrilaterals, and other polygons; establish triangle congruence criteria based on analyses of rigid motions and formal constructions; apply similarity in right triangles to understand right triangle trigonometry; and use a rectangular coordinate system to verify geometric relationships. They will extend their knowledge of two-dimensional and three-dimensional objects to include informal explanations of circumference, area and volume formulas and consider the shapes of cross-sections. Students will prove basic theorems about circles and create and graph the equation of a circle. They will use the languages of set theory to expand their ability to compute and interpret theoretical and experimental probabilities. This contextual learning experience allows students to see a variety of geometry concepts used in real-world settings.

Production Woodworking

This course is one part of the combined Geometry in Construction course. Through hands-on learning experiences and the building of an actual structure, students will apply geometry concepts to a variety of construction processes in order to see the connection between the two. Students will gain a hands-on understanding of basic construction methods, construction safety, and the variety of tools needed for different construction tasks. Through this course, students will be exposed to a variety of construction trades. This contextual learning experience allows students to see a variety of geometry concepts used in a real-world setting.

Note: This contextual learning experience combines all Geometry standards and Production Woodworking standards through relevant and interactive projects. Students will be enrolled in two courses and receive both a Geometry and CTE credit. Both sections of this course will be co-taught by both a Math Instructor and a Tech Ed Instructor.

HONORS ALGEBRA II

10 11

1 Credit

OFFERED: FULL YEAR

PREREQUISITE: PASSING GRADE IN GEOMETRY

NOTE: Students are encouraged to purchase their own graphing calculator- TI-84 is our recommendation.

In this class, students will do an in-depth study of algebraic equations and relationships. Topics covered will include equations, functions, inequalities, graphing, linear systems and matrices, quadratic functions, polynomials, radical

functions, rational functions, exponential functions, and conics. Applications of all topics are emphasized throughout the course work.

ALGEBRA II

1112 1 Credit OFFERED: FULL YEAR

PREREQUISITE: PASSING GRADE IN GEOMETRY

NOTE: Students are encouraged to have their own scientific or graphing calculator (SEE ADMINISTRATION IF NEED ASSISTANCE).

Algebra II is a continuation of concepts learned in Algebra I and Geometry with an emphasis on equations, functions, inequalities, graphing, linear systems and matrices, quadratic functions, polynomials, radical functions, and rational functions. Applications of all topics are emphasized throughout the course work.

AP PRE-CALCULUS

1112

1 Credit

OFFERED: FULL YEAR

Prerequisite: Pass Alg. I, Geometry, and Alg. II

NOTE: Students are encouraged to have their own scientific or graphing calculator (SEE ADMINISTRATION IF NEED ASSISTANCE).

In AP Precalculus, students explore everyday situations and phenomena using mathematical tools and lenses. Through regular practice, students build deep mastery of modeling and functions, and they examine scenarios through multiple representations. They will learn how to observe, explore, and build mathematical meaning from dynamic systems, an important practice for thriving in an ever changing world. AP Precalculus prepares students for other college-level mathematics and science courses. The framework delineates content and skills common to college precalculus courses that are foundational for careers in mathematics, physics, biology, health science, social science, and data science.

AP CALCULUS -AB

1112

1 Credit

OFFERED: FULL YEAR PREREQUISITE: Highly recommended completing Pre-Calculus with a passing grade. NOTE: All students ARE ENCOURAGED to purchase a TI-84 graphing calculator (see administration if need assistance) Summer work may be required.

The course covers all topics measured on the Advanced Placement Calculus AB exam. Students have the option of signing up for that exam.

STATISTICS

11 12

1 Credit

OFFERED: FULL YEAR

PREREQUISITE: Passing grade in Algebra 1

NOTE: Students are encouraged to have their own scientific or graphing calculator (SEE ADMINISTRATION IF NEED ASSISTANCE).

Statistics is about using data to make decisions. In this course students will learn how to collect data, display and describe data, how to infer outcomes from data, and how to make sound decisions based on those inferences. Topics include data analysis, probability, simulation, inferential statistics, normal and binomial distribution, techniques of sampling, confidence intervals, and hypothesis testing. Students use exploratory methods to identify patterns and make decisions; Emphasis is placed on applications and the use of statistics to solve real-life problems.



R= Required course at indicated grade level E= Elective Course at indicate grade level

Freshmen-Seniors
Symphonic Band (E)
Concert Choir (E)
Acoustic Guitar I and II (E)
Piano I and II (E)
Pizazz Show Choir (E)

SYMPHONIC BAND

9 10 11 12

1 Credit

OFFERED: FULL YEAR

Prerequisite: Previous instrumental training

The Parkview Symphonic Band is a performance group. Performances include marching band, pep band and concert band. This band has two concerts per year, Memorial Day Parades, Lighted Holiday parade, June Days parade, Solo & Ensemble, performs at local venues, and other civic and athletic events. Attendance is mandatory at all functions. Students selecting this class must realize that it is a performing group and has required activities outside the school day that

affect the grade for the course.

CONCERT CHOIR

9 10 11 12

1 Credit

OFFERED: FULL YEAR

High School Concert Choir is a performance ensemble with an emphasis on high-quality rehearsal practices and integrated sight-singing, ear-training and rhythm counting. This class is designed to provide deeper enrichment in music and to improve upon vocal music skills, care of the human voice, and concert etiquette. Experiences and skill development throughout this course will allow any participant the opportunity to develop better listening skills, communication skills and an interdisciplinary perspective.

This class affords the participant introductory levels singing in at least five languages and a varied repertoire that spans millennium. Students electing this class must realize that it is a performing group and has required activities outside the school day that affect the grade for the course. It is strongly encouraged for students trying out for Parkview Pizazz to enroll in this course.

ACOUSTIC GUITAR I and II

9 10 11 12

.5 Credit

OFFERED: SEMESTER

This class is a performing ensemble comprised of students with varying ability on guitar. Students will learn common chords, melodies, and bass lines on the acoustic guitar. This class will perform in one concert during the semester.

PIANO I AND II

9 10 11 12

.5 credit

OFFERED: SEMESTER

Prerequisite: Piano I

Piano I: Students will develop a basic technique and knowledge of piano through exercises and varied repertoire. Students will use school keyboards and will need to purchase a binder for use in piano class. Level 1 is for students with little to no prior knowledge of piano or with limited note reading ability.

Piano II: Students will need to have successfully completed Piano I. This class will continue to focus on genres and styles of piano, both solos, and accompanying.

Students will use school keyboards and acoustic pianos. They will need to bring their binder from Piano 1 course.

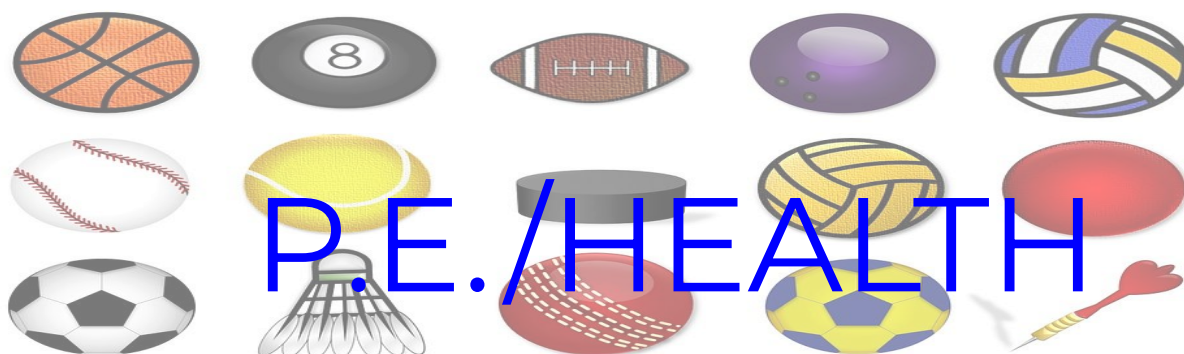
PIAZZ Show Choir

9 10 11 12

1 credit

OFFERED: FULL YEAR

Will perform at same concerts as the other concerts Course Description: Show Choir is a group of student singers, grades 9-12, that focuses on vocal skills and technique, specifically in the styles of classic and contemporary popular music, musical theater, vocal jazz, and collegiate-style a cappella.



R= Required course at indicated grade level E= Elective Course at indicate grade level

Freshmen	Sophomores	Juniors	Seniors
Health (R)	Team Activities (E)	Team Activities (E)	Team Activities (E)
P.E. 9 (R)	Individual Activities (E)	Individual Activities (E)	Individual Activities (E)
	Strength & Conditioning (E)	Officiating (E)	Officiating (E)
	Fitness for Life (E)	Strength & Conditioning (E)	Strength & Conditioning (E)
		Advanced Strength & Conditioning (E)	Advanced Strength & Conditioning (E)
		Advanced Activities (E)	Advanced Activities (E)
		Fitness for Life (E)	Fitness for Life (E)

HEALTH 9

.5 Credit

OFFERED: SEMESTER

This is a high school requirement for graduation. This course will cover mental and emotional health, family living, human growth and development, nutrition, personal health, alcohol, tobacco, and other drugs education, communicable and chronic diseases, injury prevention and safety, consumer and community health, and environmental health.

PHYSICAL EDUCATION 9

.5 Credit

OFFERED: SEMESTER

This ninth grade Physical Education program is a general introductory class to develop student's enthusiasm for activity, self-esteem, peer relationships, and cooperation through physical activity.

The experience units like: Team Handball, Ultimate Frisbee, Indoor Boccer, Basketball, Volleyball, Angle Ball, Soccer, and other high intensity activities that promote active wellness. This version of PE 9 is geared towards constant activity at high intensity levels to improve cardiovascular fitness (heart rate) in a competitively healthy environment!

TEAM ACTIVITIES

10 11 12

.5 Credit

OFFERED: SEMESTER

This course will involve participation in activities such as: softball, volleyball, basketball, rugby, ultimate Frisbee, lacrosse, soccer, touch/flag football, team handball, and other leisure sport activities. Instruction will focus on understanding and then executing team concepts and skills. Participants will also be involved in study and design of strategies, scoring, as well as the officiating involved in the respective sport.

INDIVIDUAL ACTIVITIES

10 11 12

.5 Credit

OFFERED: SEMESTER

This course will teach basic knowledge and involve participation in activities such

as: badminton, pickleball, golf, aerobic conditioning, bowling, tennis, combatives, SpikeBall, bocce ball, horse shoes, snowshoeing, and strength training. Participants will also be involved in study and design of strategies, as well as the officiating involved in the respective sport.

FITNESS FOR LIFE

10 11 12

.5 Credit

OFFERED: Alternate Years Semester- Offered 2023-2024

This course will have students design an individualized fitness plan and implement the plan using the weight room, cardiovascular activities and other fitness workouts. Methods of evaluating each student's individual fitness level will be recorded and analyzed on a regular basis. Nutrition, supplements, and consumer issues will be discussed.

STRENGTH & CONDITIONING

10 11 12

.5 Credit

OFFERED: SEMESTER

This course will concentrate on training to increase muscle mass, muscle endurance, aerobic capacity, overall strength, coordination, and enhance power. A variety of equipment will be used in the weight room along with aerobic games and fitness activities.

ADVANCED STRENGTH & CONDITIONING

11 12

.5 Credit

OFFERED: SEMESTER

PREREQUISITE: COMPLETION OF STRENGTH & CONDITIONING

This course will continue building on the concepts and strategies taught in Strength & Conditioning. This course will concentrate on training to increase muscle mass, muscle endurance, aerobic capacity, overall strength, coordination, and enhance power. A variety of equipment will be used in the weight room along with aerobic games and fitness activities.

ADVANCED ACTIVITIES

11 12

.5 Credit

OFFERED: SEMESTER

This class is geared towards the student who is interested in advancing their physical fitness, abilities, and knowledge through gameplay and active participation. A highly active course providing fitness benefits, enhanced social interaction, and competitive strategy development through various group activities both large and small. Field trip opportunities may be offered.

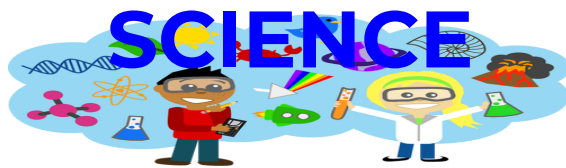
OFFICIATING

11 12

.5 Credit

OFFERED: Alternate Years Semester- Offered 2024-2025

This course will provide students an opportunity to learn the rules and the skills necessary to officiate the following Wisconsin Interscholastic Athletic Association (WIAA) high school sports: basketball, volleyball, baseball, softball, and football. Students will go through the rules of the game daily and practice their officiating skills during class activity time. Students will have the option of becoming a WIAA certified official upon successful completion of the course.



3 credits of Science are required to graduate

R= Required course at indicated grade level

E= Elective Course at indicate grade level

	Freshmen	Sophomores	Juniors	Seniors
REQUIRED:	Biology 9 (R)	Chemistry (R) or Physical Science (R) <u>If you take Chemistry, you are required to take a semester of Fundamentals of Physics</u>	Introduction to Earth and Space Science (R)	Introduction to Earth and Space Science (R) <u>(required if you did not complete your junior year)</u>
ELECTIVE:		Environmental Science (E)	Environmental Science (E)	Environmental Science (E)
		Horticulture & Landscaping (E)	Horticulture & Landscaping (E)	Horticulture & Landscaping (E)
			Fundamentals of Physics <u>(required for those taking Chemistry)</u>	Fundamentals of Physics <u>(required for those taking Chemistry)</u>
			Physics (E)	Physics (E)
			Chemistry (E)	Chemistry (E)
			Consumer Chemistry (E)	Consumer Chemistry (E)
			AP Chemistry	AP Chemistry
			Forensic Science (E)	Forensic Science (E)
			Human Anatomy (E)	Human Anatomy (E)
			Medical Terminology (E)	Medical Terminology (E)
			Genetics (E) <u>(required to take AP Bio)</u>	Genetics (E) <u>(required to take AP Bio)</u>
			AP Biology (E)	AP Biology (E)

BIOLOGY

9

1 Credit

OFFERED: FULL YEAR

Biology is the study of how living organisms operate. This course introduces students to many topics that comprise the enormous scope of biology. Students engage in studies of biological molecules, cellular processes and structure, genetics, natural selection, human anatomy, ecology, population biology, biological diversity and conservation.

Consumer Chemistry

11 12

.5 Credit

OFFERED: Semester

Consumer Chemistry is a one semester practical course focusing on the chemistry of foods rather than the theoretical or mathematical concepts of chemistry. The course is intended for students who have an interest in the more practical aspects of chemistry. Chemical/biochemical reactions of carbohydrates, lipids, proteins and other constituents of food, such as vitamins, minerals and additives will be investigated. This class is primarily a laboratory course in which students will participate in labs which analyze many of the foods found in today's world.

PHYSICAL SCIENCE

10 11 12

1 Credit

OFFERED: FULL YEAR

This course provides the necessary fundamentals for the mathematical and

experimental applications of matter. Classwork and laboratory work will develop students' reasoning power; the ability to apply chemical principles, and acquaint students with chemical laboratory techniques. This course also explores the nature of motion, force, heat, sound, light with optics, electricity, and magnetism. These various forms of energy will be investigated while students apply mathematical skills in experimental measurement and data analysis.

*Option exists to take Chemistry if prerequisites are met.

FUNDAMENTALS OF PHYSICS

10 11 12

.5 Credit

OFFERED: SEMESTER

Fundamentals of Physics is a one-semester course designed to be taken in conjunction with students who are enrolled in Chemistry. This course will give an intermediate introduction to the world of physics as students will cover motion, forces, energy, electricity, waves, and sound. In addition, students will be challenged in a way to increase critical thinking, problem solving, and research skills.

ENVIRONMENTAL SCIENCE

10 11 12

.5 Credit

OFFERED: SEMESTER

PREREQUISITE: BIOLOGY 9

Students will gain an understanding of the interconnectedness of the natural world. Topics will include energy flow, human impact on energy flow, environmental issues (historical and current), decision-making and consequences of action or lack of action and interpreting evidence and future predictions.

CHEMISTRY

10 11 12

1 Credit

OFFERED: FULL YEAR

PREREQUISITE: STUDENTS MUST HAVE COMPLETED ALGEBRA I AND ALGEBRA II OR BE TAKING ALGEBRA II CONCURRENTLY

Chemistry IS the central science! Chemistry is a college preparatory, laboratory-oriented course designed to teach students about matter and its changes. Course content includes atomic structure, chemical bonding, mass relationships, gasses, liquids, solids, solutions, acids and bases and thermochemistry. This course provides a solid framework in chemistry which will

prepare the student for further studies that delve deeper into chemistry either in AP Chemistry or College Chemistry.

HORTICULTURE AND LANDSCAPING (TC)

10 11 12

.5 Credit

OFFERED: SEMESTER-**Meets Graduation Science Credit**



In one of the most rapid growth areas of agriculture, students in this class will be introduced to the world of plant sciences. Upon successful completion of this course, students will understand plant propagation, pest management, growth stimulants, rooting hormones, house plants, terrariums, bedding plants, lawn maintenance, trees and shrubs, and gardens.

Students will be able to manage a greenhouse in the production of such plants as poinsettias, mums, geraniums, and Easter lilies. The students will understand concepts of hydroponics, the production of plants without soil, while raising such crops as lettuce and tomatoes with the nutrient enriched water of our fish production tanks. Students will become familiar with a computer-based landscape design program and participate in a landscape design project. On completion of this class, students will be eligible for advance placement at all Wisconsin Technical Colleges (excluding MATC) in the area of Plant Morphology and Physiology and Soil Science.

INTRO to EARTH & SPACE SCIENCE

11 12

0.5 Credit

OFFERED: SEMESTER

Introduction to Earth and Space Science focuses on the structure and development of the Earth and its environment over time including the formation of the universe and Earth's place in space. Students will develop a thorough understanding of this topic and learn how compounds throughout the universe interact and cycle on Earth to support life. Topics include history of the universe, the solar system, internal Earth, plate tectonics, solar energy and Earth's interacting spheres.

PHYSICS

11 12

1 Credit

OFFERED: FULL YEAR

PREREQUISITE: STUDENTS MUST HAVE COMPLETED ALGEBRA I AND

GEOMETRY AND COMPLETED OR BE TAKING ALGEBRA II AT THE SAME TIME AS PHYSICS. TRIGONOMETRY IS HIGHLY SUGGESTED.

Physics is a one-year course designed to provide a deeper understanding of the fundamentals of physics. This involves the study of different forms of energy and how they affect our everyday lives. The focus of the first semester is on the analysis of moving objects and the forces that cause motion. The focus of the second semester is on the study of sound, light, optics, electricity, and modern physics as time allows. Students will be tested in various learning styles to promote higher order thinking and problem solving.

AP CHEMISTRY

11 12

1 Credit

OFFERED: FULL YEAR

PREREQUISITE: Minimum grade of "B" is highly suggested in both semesters of Chemistry.

NOTE: Summer work may be required

AP Chemistry is a second-year chemistry course designed to help students pass the College Board Chemistry exam. The topics include and extend beyond those covered in Chemistry I. These include, but are not limited to: Chemical Equilibrium: Calculations of Equilibrium, LeChatelier's principle, Effect of Temperature on Equilibrium Chemical Kinetics: Activation Energy, Rate Law Expressions, catalysts, and reaction mechanism Electrochemistry: Oxidation and reduction, half-cells & equations, electrochemical (voltaic) cells, standard voltages, and the Nernst Equation.

GENETICS

11 12

.5 Credit

OFFERED: SEMESTER

PREREQUISITE: Minimum of "C" strongly recommended in both semesters of Biology.

This course includes an in-depth study of genetics and other selected topics in the life sciences. There will be an emphasis on learning by investigation. Students will be performing crosses with fruit flies. Other topics include DNA & chromosomal disorders. We will also learn about and do some DNA Fingerprinting.

HUMAN ANATOMY

11 12

1 Credit

OFFERED: FULL YEAR

PREREQUISITES: Passing grade in Biology

This course is a comprehensive study of the human body using lectures, surgical videos and animal dissection.

This course is designed especially for those students considering careers in health, medicine, or the life sciences. Students need to be able to dissect a cat. A field trip to Marquette University to see cadavers will be at the teacher's discretion, which would require a fee.

FORENSIC SCIENCE

11 12

1 Credit

OFFERED: FULL YEAR

This course is a full year investigative science course. Students will learn how to observe, collect, analyze and evaluate evidence found at crime scenes. Some of the topics covered are fingerprints, hair, drugs, fibers, ballistics, entomology, anthropology, odontology, blood spatter, arson, bombings, forging documents and DNA analysis.

MEDICAL TERMINOLOGY

11 12

1 Credit

OFFERED: FULL YEAR

Speaking the medical language is a critical need in the medical field by all. Understanding the root of the medical terms; prefixes; suffixes; abbreviations; utilized in the medical field are necessary for job performance in this career area. Class will involve guest speakers who utilize the terms in discussion.

AP BIOLOGY

12

1 Credit

OFFERED: FULL YEAR

PREREQUISITE: Minimum grade of “B” in Biology and Genetics is highly suggested.

AP Biology is a second-year biology course designed to help students pass the College Board Biology exam. The topics include and extend beyond those covered in Biology. Labs include: cells - diffusion and osmosis, mitosis and meiosis, photosynthesis, and cellular respiration; genetics - statistical analysis, population genetics, evolution; and animal behavior.

SOCIAL STUDIES



Freshmen	Sophomores	Juniors	Seniors	
REQUIRED	History of the Decades or AP US History		Civics or AP Government and Politics Must take JR/SR Year	Civics or AP Government and Politics Must take JR/SR Year
	World History (E)	World History (E)	World History (E)	
	AP U.S. History (E)	AP U.S. History (E)	AP U.S. History (E)	
	AP World History (E)	AP World History (E)	AP World History (E)	
	History of the Holocaust (E)	History of the Holocaust (E)	History of the Holocaust (E)	

Freshmen	Sophomores	Juniors	Seniors	
REQUIRED	History of the Decades or AP US History		Civics or AP Government and Politics Must take JR/SR Year	Civics r AP Government and Politics Must take JR/SR Year
	World History (E)	World History (E)	World History (E)	
	AP U.S. History (E)	AP U.S. History (E)	AP U.S. History (E)	
	Current Events (E)	Current Events (E)	Current Events (E)	
	Criminal Law (E)	Criminal Law (E)	Criminal Law (E)	
		Sociology (E)	Sociology (E)	
		Psychology (E)	Psychology (E)	
		AP Psychology	AP Psychology	

HISTORY OF THE DECADES

9

1 Credit

OFFERED: FULL YEAR

Modern U.S. Studies is a required course for all freshmen, unless taking AP U.S. History. This course takes a multi-disciplinary approach to studying the evolution of the modern United States. Major attention is devoted to understanding the impact of government, economics, foreign policy and societal changes throughout modern history.

AP US HISTORY

9 10 11 12

1 Credit

OFFERED: FULL YEAR

NOTE: Summer work may be required

This course examines the whole of United States history, from the first inhabitants to the modern era, focusing on how events in history have shaped our world today. Students will have the opportunity to take a more in depth look at topics they have covered in past history courses, specifically looking at various interpretations of the same event. The ultimate goal of this course is to prepare for the AP History test in May, which could earn a student up to 6 college credits. Moreover, the course will be largely discussion based and will require students to keep up with reading assignments and participate on a daily basis.

WORLD STUDIES

10

1 Credit

OFFERED: FULL YEAR

This course studies the political, religious, social, and artistic achievements of Medieval Europe and the Renaissance are explored. Further coverage of social and political change, and nationalism and reform around the world are addressed through primary documents and cooperative learning opportunities.

AP WORLD HISTORY

10 11 12

1 Credit

OFFERED: FULL YEAR

NOTE: Summer work may be required

This course is designed to explore human history beginning at 1200 BCE and covering civilizations in Asia, the Americas, and Africa, as well as Europe. Themes throughout the course include interaction between humans and the environment; development and interaction of cultures; state building, expansion, and conflict; creation, expansion, and interaction of economic systems; and development and transformation of social structures. Students will be expected to read college level texts, write essays, and critically analyze historical evidence. Students will have the opportunity to take the Advanced Placement Exam in May.

HISTORY OF THE HOLOCAUST

10 11 12

.5 Credit

OFFERED: SEMESTER

Understanding the Holocaust requires a comprehensive study of not only times, dates, and places, but also the motivation and ideology that allowed these events to occur. In this course, students will study the history of anti-Semitism; the rise of Hitler and the Nazi party; and the Holocaust itself, from its beginnings through liberation. Students will also examine the aftermath of the Holocaust, including more modern cases of genocide. The study of the Holocaust is a multi disciplinary one, integrating world history, geography, American history, and civics. Through this in-depth, semester-long study of the Holocaust, students will gain an understanding of the ramifications of prejudice and indifference, the potential for government-supported terror, and they will get glimpses of kindness and humanity in the worst of times.

CIVICS

11 12

.5 Credit

OFFERED: SEMESTER

This course is required for graduation. This course covers the basic structure and functions of both our federal and state governments. These are broken down into sections on the three main branches: executive, legislative, and judicial. In addition, this course will explore other topics including elections and political parties, as well as discuss important current events happening in our country and state.

CRIMINAL LAW

10 11 12

.5 Credit

OFFERED: SEMESTER

Students will examine many aspects of criminal law including the crimes against property and people, crime investigations, sentencing, victims, trial procedure, gangs, capital punishment, juvenile justice, the Constitution and the Bill of Rights, the Supreme Court, and much more.

CURRENT EVENTS-2000 to Present

10 11 12

.5 Credit

OFFERED: SEMESTER

PREREQUISITE: Complete History of the Decades

This course examines global events within the social, political, economic, and

historical lenses. Based from the early 2000's to events happening today, students will gain an enhanced understanding of the world along with enhancing their research and analysis skills. Students are expected to discuss modern events and present their research projects within this course.

AP U.S. GOVERNMENT & POLITICS

11 12

1 Credit

OFFERED: ALTERNATING YEARS 2024-2025

Prerequisite- Civics strongly encouraged

AP (Advanced Placement) US Government and Politics is a year-long in-depth course exploring the structure, function, and interaction of the multiple aspects of government in America, as well as how political parties, ideologies, and beliefs impact those aspects. This course is rigorous, with a great deal of required reading and independent work, meant to prepare students for the AP US Government and Politics Test in the spring, which can give college credit. In addition to the intense coursework and test, students will be required to do a political science research or applied civics project, culminating in a presentation of findings.

SOCIOLOGY

11 12

.5 Credit

OFFERED: SEMESTER

This course will examine the theories and perspectives related to the field of sociology, which is the scientific study of society and how it impacts/influences human behavior. Over the course of the semester we will closely examine social structures, deviance, media, social inequality, social institutions, social change, socialization, gender, and family. Moreover, the course will be largely discussion based and will require students to keep up with reading assignments and participate on a daily basis

PSYCHOLOGY

11 12

.5 Credit

OFFERED: SEMESTER

This course is an introductory class to psychology. Over the course of the semester we will examine major concepts, terms, and theories. Units will include: history/research in psychology, brain structure/ function, sensation/perception, memory, motivation /emotion, learning, cognition, language, intelligence, individual differences, social/cultural behavior, personality, personality assessment, psychological disorders, treatment of psychological disorders, states of consciousness, sleep/dreams, and developmental psychology. This class is largely

discussion based and will require students to keep up with reading assignments and participate on a daily basis.

AP PSYCHOLOGY

11 12

1 Credit

OFFERED: FULL YEAR

NOTE: Summer work may be required

AP Psychology is taught on the level of a college Psych 101 course, with comparable reading, writing, and critical thinking skills required. Self-motivation is important in this class. Topics include: research methods, personality, psychological disorders, the function and structure of the brain and the mind/body connections to behavior, learning/memory, consciousness and dreaming, mental health, motivation/emotion, and social psychology. Emphasis is placed on how psychology affects the students in their own lives. Critical thinking, test-taking, and writing skills will be emphasized in order to prepare students for college as well as the rigorous College Board Advanced Placement Psychology Exam in May. Students who pass the AP Psych exam may qualify for college credits at most colleges. Introduction to Psychology is not required. Strong reading skills and motivation are important



R= Required course at indicated grade level E= Elective Course at indicate grade level

Freshmen	Sophomores	Juniors	Seniors
Intro. To Engineering Design (E)	Intro. To Engineering Design (E)	Intro. To Engineering Design (E)	Intro. To Engineering Design (E)
Mechanical Drawing I (E)	Mechanical Drawing I (E)	Mechanical Drawing I (E)	Mechanical Drawing I (E)
Robotic Engineering & Design (E)	Robotic Engineering & Design (E)	Robotic Engineering & Design (E)	Robotic Engineering & Design (E)
Woodworking (E)	Woodworking (E)	Woodworking (E)	Woodworking (E)
Architectural Drawing (E)	Architectural Drawing (E)	Architectural Drawing (E)	Architectural Drawing (E)
Trades Math (E) Not a math cr.	Principles of Engineering (E)	Principles of Engineering (E)	Principles of Engineering (E)
	Trades Math (E) Not a math cr.	Building Construction (E)	Building Construction (E)
		Trades Math (E) Not a math cr.	Trades Math (E) Not a math cr.

ARCHITECTURAL DRAWING

9 10 11 12

.5 Credit

OFFERED: Alternate Years- 2024-2025



This course will make the student a knowledgeable homebuyer. This course is recommended for students interested in interior design and architecture. During this course, a study and drawing for foundations, wall plans, roof plans, and electrical plans are completed. Designs will be completed using drafting equipment and computers with a cad system. The student, using different problem-solving techniques, will develop a personal home design

INTRODUCTION TO ENGINEERING DESIGN (AS) BTC (TC) MSOE



9 10 11 12

1 Credit

OFFERED: FULL YEAR - 2023-24



This course is a high school level course that is appropriate for 9th or 10th grade students who are interested in design and engineering. The major focus of the IED course is to expose students to the design process, research and analysis, teamwork, communication methods, global and human impacts, engineering standards, and technical documentation. IED gives students the opportunity to develop skills and understanding of course concepts through activity, project, and problem based learning. The course of study includes:

Students have the opportunity to earn Snap-On/Starrett Precision Measurement Industrial Certification

- * Design Process
- * Modeling
- * Sketching
- * Measurement, Statistics, and Applied Geometry
- * Presentation Design and Delivery
- * Engineering Drawing Standards
- * CAD Solid Modeling

- * Reverse Engineering
- * Consumer Product Design Innovation
- * Marketing
- * Graphic Design
- * Engineering Ethics
- * Virtual Design Teams

MECHANICAL DRAWING I (TC)

9 10 11 12

.5 Credit

OFFERED: SEMESTER



Drawing is the foundation for all aspects of industry and technology. Mechanical Drawing I is a design course based on applied geometry. This is an introductory career exploration course. Basic fundamentals such as: drawing tools, geometric construction, orthographic projection, pictorial drawings and dimension practices are covered. CAD is introduced using Autodesk Inventor on the Dell computers.

ROBOTICS ENGINEERING & DESIGN

9 10 11 12

.5 Credit

OFFERED: SEMESTER .5 Credit



Robotics Engineering & Design is a high school level course that is appropriate for 9-12th grade students who are interested in the design, engineering, and programming of robots or other skilled careers. The Robotics Engineering & Design course is designed to explore the past, present, and future use of automation technology in industry and everyday use. Robotic Engineering & Design focuses heavily on prior knowledge from STEM and Core related courses. Students will receive a comprehensive overview of robotic systems and the subsystems that comprise them.

WOODWORKING I

9 10 11 12

.5 Credits

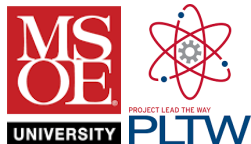
OFFERED: SEMESTER



RECOMMENDED: MECHANICAL DRAWING 1 or IED

This course includes units on industrial math, bill of materials, plan of procedure, and machine operation. Machine operation and safety are stressed with safety tests and student operation. Using computer programs for woodworking completes safety review. Various units that pertain to woodworking are completed. The construction of wood projects are completed by the student and graded according to quality. A fee is charged for construction materials, based on the students' project.

PRINCIPLES OF ENGINEERING (AS)BTC (TC)MSOE



10 11 12

1 Credit OFFERED: FULL YEAR - 2024-2025

RECOMMEND: COMPLETE IED FIRST

This survey course of engineering exposes students to major concepts they'll encounter in a postsecondary engineering course of study. Students employ engineering and scientific concepts in the solution of engineering design problems. They develop problem-solving skills and apply their knowledge of research and design to create solutions to various challenges, documenting their work and communicating solutions to peers and members of the professional community.

BUILDING CONSTRUCTION

11 12

.5 Credit

OFFERED: SEMESTER



Providing housing for our businesses and our ever- growing population is a major concern for today's world. This class is designed to provide entry-level skills in building construction and prepare a list of materials needed. The Building Construction student will be able to prepare a site and do necessary cement work with the foundation and footings. Framing, siding, roofing, finishing, wiring, and plumbing are many other skills that the student will be able to demonstrate at the construction site. Energy sources such as gas, solar, hydroelectric, and wind power will also be explored in this course.

TRADES MATH (AS) -Not a Math Credit

9 10 11 12

.5 Credit

OFFERED: Semester



This course includes the basic principles of arithmetic beginning with whole numbers and common fractions, and continuing through decimals, percentages, ratios, proportions and averages, measurements, study of the properties of circles, volumes and surface areas of various solids, an introduction to practical algebra and trigonometric principles used in solving right triangles as well as applications of the sine and cosine law in solving oblique triangles. These principles are applied to typical shop problems throughout the course. This course also integrates hands-on activities that will help students by showing real world applications that are done on a daily basis in the skilled trade careers.



R= Required course at indicated grade level E= Elective Course at indicate grade level

Freshmen	Sophomores	Juniors	Seniors
Spanish I (E)	Spanish I (E)	Spanish I (E)	Spanish I (E)
	Spanish II (E)	Spanish II (E)	Spanish II (E)
		Spanish III (E)	Spanish III (E)
		Spanish IV (E)	Spanish IV (E)

SPANISH I

9 10 11 12

1 Credit

OFFERED: FULL YEAR

The course consists of patterns of conversations in functional, everyday settings, grammar study, and a study of Hispanic culture. Emphasis is placed on the development of the four language skills: listening, speaking, reading and writing. Additional practice is offered through the use of computers and videos.

SPANISH II

10 11 12

1 Credit

OFFERED: FULL YEAR

Prerequisite: Pass Spanish I

The second-year course consists of extensive grammar study, vocabulary

expansion, and conversation. Short stories may be read and discussed in class. Further refinement of oral proficiency is stressed through classroom practice as well as recordings for self-evaluation.

SPANISH III

11 12 1 Credit OFFERED: FULL YEAR

PREREQUISITE: SPANISH II WITH PASSING GRADE

Third year Spanish consists of a further study of grammar plus strengthening of skills in understanding, speaking, reading and writing Spanish. The basic goal is for confident self-expression in Spanish, as well as greater appreciation of the culture, including art, literature and music. As in Spanish I and II, there is extensive use of videos and computers to supplement instruction.

SPANISH IV

12

1 Credit

OFFERED: FULL YEAR 2024-2025

PREREQUISITE: SPANISH III WITH PASSING GRADE

Spanish IV continues grammar review, examining subtleties of the language in detail. The four areas of language learning; comprehension, speaking, reading and writing are treated with an emphasis on confident self-expression in Spanish. Exploration of Hispanic culture is intensified.