

Pikeland Community Unit District #10



Pittsfield High School Course Catalog & Career Planning Guide 2020-2021

Terms to Understand

Credit - one-half (0.5) credit is granted each semester if a passing grade is earned in a class. Classroom driver education and classroom behind-the-wheel do not yield credit. A minimum of twenty-nine (29) credits are required for graduation.

Prerequisite - A course requirement which must be met before a student can enroll in subsequent coursework.

Recommendation - For some courses, certain levels of performance or grade(s) in prior courses are indicators for a student to be successful in a course.

Graduation Requirements

A student must complete a minimum of twenty-nine (29) credits of high school courses in order to graduate from Pittsfield High School.

Credits for graduation are required in the following courses and subject area:

English	4 Credits - Must include English I, English II, English III, English IV or College English for Seniors
Social Studies	2 Credits - Must include American History, American Government
Mathematics	3 Credits - Must include Algebra 1 and Geometry
Science	2 Credits
Health	.5 Credits
Consumer Education	.5 Credits
Physical Education	4 Credits

Students are required to take all tests mandated by the State of Illinois.

Grade Point Average (GPA)

There are two types of grade point average (GPA), unweighted and weighted. The unweighted GPA is the average of all class grades based on a 5.0 scale.

Grades are assigned the following grade weights:

A = 5.0 B = 4.0 C = 3.0 D = 2.0 F = 0

The weighted GPA is a numeric system used to rank the scholastic performance of students based on the level or rigor of a class. Pittsfield High School provides a weighted GPA for college admission and scholarship purposes. The weighted GPA is based on a 6.0 scale with weights assigned to classes based on the difficulty of the class. Please note a D in a weighted course is only worth 2 points.

A = 6.0 B = 5.0 C = 4.0 D = 2.0 F = 0

Class Rank will be based on the Weighted GPA.

The student with the highest Weighted GPA at the end of the semester shall be ranked number 1, the second highest Weighted GPA will be ranked 2, and so forth until all members of the class have been assigned a ranking.

COLLEGE ATHLETICS ELIGIBILITY

Student-athletes desiring to participate in NCAA Division I or Division II athletics must prove academic eligibility through the NCAA Clearinghouse. Students who intend to participate in college athletics, please see your counselor concerning how this affects your registration for classes.

Important: Not all high school classes meet NCAA requirements. To learn about specific core course requirements, visit the NCAA Eligibility Center at <http://www.ncaa.org/ststudent-athletes/future>. All Pittsfield High School courses that are approved through the NCAA Clearinghouse are noted by the course title in the course description guide.

To access Pittsfield High School's list of approved core courses:

- Go to www.eligibilitycenter.org
- Click on "enter here" as a student athlete
- Click on "Resources" at the top
- Click on "List of NCAA Courses"
- Enter the PHS code 143-490 in the box and click "Search"
- The most current list of Approved Core Courses is presented.

Be aware that not all the PHS Core Courses are approved by the NCAA Clearinghouse. Student athletes and parents are strongly encouraged to consult the list of Approved Core Courses early in the academic planning process to ensure approved courses are selected.

Test Scores

Division I and Division II use sliding scales to match test scores and core grade-point averages (GPA). The sliding scale for those requirements can be found at <http://www.ncaa.org/student-athletes/future>.

When you register for the SAT or ACT, use the NCAA Eligibility code 9999 to ensure all SAT and ACT scores are reported directly to the NCAA Eligibility Center from the testing agency. Test scores that appear on transcripts will not be used.

Grade-Point Agency

Be sure to look at your high school's List of NCAA Courses on the NCAA Eligibility Center's website (<https://web3.ncaa.org/hsportal/exec/hsActon?hsActionSubmit=searchHighSchool>).

Only courses that appear on your school's List of NCAA Courses will be used in the calculation of the core GPA. Use the list as a guide. PHS students should use school code 143-490.

Remember, the NCAA GPA is calculated using NCAA core courses only.

Dual Credit

John Wood Community College (JWCC) and Pittsfield High School have established a relationship that allows students to earn college credit while still in high school. All students taking Dual Credit courses must be a junior or a senior.

Guidelines:

- ❖ Courses are college-level courses and are of the same high quality, cover the same content, and have the same rigor as courses offered at the college's main or regional center campuses.
- ❖ Courses can be taken for college and high school credit.
- ❖ Students must enroll as JWCC students.

Students will be subject to all JWCC placement, enrollment, grading, and records policies and procedures.

- ❖ All instructors of dual credit courses must meet Illinois Community College Board and JWCC qualifications.
- ❖ Dual credit courses use JWCC textbooks and outlines.

Requirements:

1. High School students who are qualified to take college-level courses and meet the enrollment criteria are eligible to participate in the Dual Credit Program.
2. Students taking dual enrollment courses will be subject to all JWCC placement, enrollment, grading, and records policies and procedures. A college transcript will be generated.
 - a. Students must be able to complete college level coursework.
 - b. Students must be high school juniors or seniors at the time the term begins.
 - c. Students wishing to withdraw from a class must notify JWCC to drop the class on or before the deadline (deadlines available on the "Important Dates" webpage). A "W" for withdrawal will appear on the students' transcript.
3. Students desiring to enroll in any course with established prerequisites in reading, English and/or mathematics must meet placement score requirements.

Benefits

- ❖ Students get a head start on their college education.
- ❖ Students who take college-level courses while in a high school adapt more easily to college curriculum.
- ❖ Credit earned is posted as college credit on an official JWCC transcript.

What Students Need to Know about Dual Credit:

- ❖ Dual credit courses are college courses. Students are expected to complete the required coursework and will be evaluated based on course requirements. Extra credit is not an option.
- ❖ Students must meet the requirements of the college course (placement testing scores, ACT or SAT scores), if applicable, in order to enroll in dual credit.
- ❖ Students must follow the enrollment and withdraw deadlines set by JWCC.
- ❖ Dual credit grades will be posted to your JWCC college transcript. College earned GPA may be used as a decision criteria for awarding scholarships or determining acceptance into special college programs.

Tuition, books and supplies are the responsibility of the student.

Agriculture

Course Name	Credit	9	10	11	12	Prerequisite
Introduction to the Agriculture Industry	1	X	X	X		
Basic Agricultural Science	1		X	X	X	Introduction to the Agriculture Industry
Basic Horticultural Science	0.5		X	X	X	Introduction to the Agriculture Industry
Agricultural Communications in Leadership	0.5		X	X	X	Introduction to the Agriculture Industry
Veterinary Technology	0.5		X	X	X	Introduction to the Agriculture Industry
Biological Science Applications in Agriculture - Plants	0.5			X	X	Basic Agricultural Science
Biological Science Applications in Agriculture-Animals	0.5			X	X	Biological Science Applications in Agriculture - Plants
Agricultural Business Management	1				X	Biological Science Applications in Agriculture- Plants

Introduction to the Agricultural Industry

State Course ID: 18001A001

Level: 9, 10, 11, 12

Credit Earned: 1

Prerequisite: None

This course provides an opportunity for students to learn how the agricultural industry is organized; its major components; the economic influence of agriculture at state, national and international levels; and the scope and types of job opportunities in the agricultural field. Basic concepts in animal science, plant science, soil science, horticulture, natural resources, agribusiness management, and agricultural mechanics, will be presented. Improving computer and workplace skills will be a focus. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration and reinforcement of academic concepts.

Basic Agricultural Science

State Course ID: 18003A001

Level: 10, 11, 12

Credit Earned: 1

Prerequisite: Introduction to the Agricultural Industry

This course builds on basic skills and knowledge gained in the Introduction to the Agricultural Industry course. Major units of instruction include agricultural research, soil science, advanced plant science, biotechnology, advanced animal science. Applied science and math skills and concepts will be stressed throughout the course as they relate to each area. Improving computer and workplace skills will be a focus. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration and reinforcement of academic concepts.

Biological Science Applications in Agriculture - Plants

State Course ID: 18051A002

Level: 11, 12

Credit Earned: ½ (Will be automatically enrolled in Biological Science Applications in Agriculture - Animals)

Prerequisite: Introduction to Agriculture Industry, Basic Agricultural Science

This course is designed to reinforce and extend students' understanding of science by associating basic scientific principles and concepts with relevant applications in agriculture. Students will examine major phases of plant growth and management decisions. Topics of study are in the areas of initiating plant growth- germination, plant sensory mechanisms, enzyme action, absorption, and managing plant growth - photosynthesis, respiration, translocation, metabolism, and growth regulation. The course will be valuable preparation for further education and will increase the relevance of science through the applied setting of agriculture by enhancing literacy in science and the scientific process. Improving computer and workplace skills will be a focus. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration and reinforcement and reinforcement of academic concepts.

Biological Science Applications in Agriculture - Animals

State Course ID: 18101A001

Level: 11, 12

Credit Earned: ½

Prerequisite: Introduction to Agriculture Industry, Basic Agricultural Science, Biological Science Applications in Agriculture - Plants

This course is designed to reinforce and extend students' understanding of science by associating scientific principles and concepts with relevant applications in agriculture. Students will examine major phases of animal agriculture and specific biological science concepts that govern management decisions in the animal industry. Topics of study are in the areas of growth and development of animals - embryology, ethology, nutrition, immunity systems, and processing animal products - preservation, fermentation and pasteurization. The course will be valuable preparation for further education and will increase the relevance of science through the applied setting of agriculture by enhancing literacy in science and scientific processes. Improving computer and workplace skills will be a focus. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration and reinforcement and reinforcement of academic concepts.

Agricultural Business Management

State Course ID: 18201A001

Level: 12

Credit Earned: 1

Prerequisite: Introduction to Agriculture Industry, Basic Agricultural Science, Biological Science Applications in Agriculture - Plants, Biological Science Applications in Agriculture - Animals

This course will provide students with the basic knowledge and skills necessary to manage personal finances and develop into a successful entrepreneur and/or business person. Instructional units include: business ownership types, starting an agribusiness, managing and operating an agribusiness, financing and agribusiness, managing personal finances, record keeping and financial management of an agribusiness, local, state, and federal taxes, agricultural law, and developing employability skills. Student skills will be enhanced in math, reading comprehension, and writing through agribusiness applications. Improving computer and workplace skills will be a focus. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration and reinforcement of academic concepts.

Basic Horticultural Science

State Course ID: 18052A001

Level: 10, 11, 12

Credit Earned: ½

Prerequisite: Introduction to the Agricultural Industry

This course is designed to introduce students to the horticulture industry and provide them with basic plant science knowledge. Major units that instruct include horticulture research, horticultural careers, plant anatomy, seed germination, plant propagation, growing media, pest management, hydroponics, identifying horticultural plants, growing greenhouse crops, and floral design. Improving computer and workplace skills will be a focus. Participation in FFA student

organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration and reinforcement of academic concepts.

Agricultural Communications and Leadership (Offered 2020-2021 School Year)

State Course ID: 18203A002

Level: 10, 11, 12

Credit Earned: ½

Prerequisite: Introduction to the Agricultural Industry

Students will analyze current agricultural issues and determine how they affect people on all sides of the issue. The students then learn and enhance their written and oral communication skills by presenting their views and opinions to the class. Students learn how to arrange and present debates, speeches, and interviews to be effective leaders in today's society. This course can also be designed to provide students with the knowledge and leadership experiences to help them to become successful in life and in the workplace. Students will further enhance their potential for leadership development, personal growth, and career success. Topics may include workplace skills, effective communication, decision-making, problem-solving, leadership styles and qualities, and successful execution of teamwork or collaborative activities.

Veterinary Technology (Offered 2021-2022 School Year)

State Course ID: 18105A001

Level: 10, 11, 12

Credit Earned: ½

Prerequisite: Introduction to the Agricultural Industry

This course will develop students' understanding of the small and companion animal industry, animal anatomy and physiology, animal ethics and welfare issues, animal health, veterinary medicine, veterinary office practices, and animal services to humans. Career exploration will focus on veterinarian, veterinary lab technicians, office lab assistant, small animal production, research lab assistant, and animal nutrition lab technician. Improving computer and workplace skills will be a focus. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration and reinforcement of academic concepts.

ART DEPARTMENT

Course Name	Credit	9	10	11	12	Prerequisite
Basic Art	1	X	X	X	X	
2 Dimensional Art	0.5		X	X	X	Basic Art
3 Dimensional Art	0.5		X	X	X	Basic Art
Graphic Design and Illustration	0.5		X	X	X	Basic Art
Portfolio Design	0.5		X	X	X	Basic Art - 2D/3Dsuggested but not required
Modern Art	0.5		X	X	X	Basic Art
Art of the Present	0.5		X	X	X	Basic Art
Creative Arts	0.5			X	X	Basic Art

Basic Art

State Course ID: 05151A000

Level: 9,10,11,12

Credit Earned: 1

Prerequisite: None

This is a first year basic art course for all high school students who have never taken an art course at the high school level. This course is required, with a passing grade, before a student may advance to the other courses. This course starts with the introduction of basic design techniques centered around the elements and principles of art. Next the class transitions to a timeline of art starting with the art of the earliest times and ends with the art of the Renaissance. Students will also spend some time exploring careers in art. During each unit students will be introduced to and learn how to use various art media such as charcoal/ebony pencil, colored pencil, tempera paint, clay, ink, scratchboard, linoleum block, watercolor, etc.

2 Dimensional Art

State Course ID: 05155A000

Level: 10,11,12

Credit Earned: ½

Prerequisite: Basic Art

In this course, students learn to create art works primarily in 2D media. The first quarter is spent exploring drawing mediums including pencil, charcoal, colored pencils, markers, ink, and pastels. The second quarter is dedicated to painting mediums including watercolor, tempera, acrylic, and mixed media.

3 Dimensional Art

State Course ID: 05158A000

Level: 10,11,12

Credit Earned: ½

Prerequisite: Basic Art

In this course, students learn to create art works primarily in 3D media. Students will work with wire, cardboard, paper mache, plaster, and clay. The students will also learn how to throw a functional piece on the pottery wheel.

Graphic Design and Illustration

State Course ID: 05162A000

Level: 10,11,12

Credit Earned: ½

Prerequisite: Basic Art

In this course, students will learn about art and technology. This class teaches the basics of Graphic Design through an illustrative and creative view. Students will use the computer programs Adobe Photoshop, Adobe Illustrator, and various other programs to create digital works. Students will also be introduced to drawing tablets and how to take 2D drawings and transform them into digital art.

Portfolio Design

State Course ID: 05170A000

Level: 10,11,12

Credit Earned: ½

Prerequisite: Basic Art *Suggested but not required 2D/3D Art*

This is a course designed for the student who is seriously interested in the visual arts. Basic Art and Advanced Art courses have helped with the development of a strong technical skill set – now students will be expected to apply these skills creatively as they develop a portfolio of work that represents their own unique artistic vision.

Modern Art (Art periods from late 1800's - 1940)

State Course ID: 05199A000

Level: 10,11,12

Credit Earned: ½

Prerequisite: Basic Art

A study of the timeline of Modern Art including the following art periods: Impressionism, Pointillism, Cubism, Fauvism, Futurism, Symbolism, German Expressionism, Art Deco, Surrealism, and Regionalism. Students will create drawings, paintings, and 3D works based off the style of each time period discussed.

Art of the Present (Art periods from 1940 - Current)

State Course ID: 05199A000

Level: 10,11,12

Credit Earned: ½

Prerequisite: Basic Art

A study of the timeline of art from 1940 to present day. Students will study Abstract Expressionism, Georgia O'Keeffe, Pop Art, Realism, Minimalism, Multimedia Art, and Contemporary Art. Students will create a series of original works based off of inspiration from the masters. Students will work in a variety of drawing and painting mediums based off the style of each time period discussed.

Creative Arts

State Course ID: 05154A000

Level: 11,12

Credit Earned: ½

Prerequisite: Basic Art

Advanced art students will build upon their skillful use of materials and knowledge of the Elements and Principles of Design as pertains to drawing, painting, and sculpting. Students will use a range of media and tools, including those of traditional drawing/painting as well as collage, printmaking, and sculpture. They will be encouraged to explore various styles and concepts, in the interest of self-discovery and style. Furthermore, students will have guided freedom regarding choice of media and subject matter as they begin to consider their strengths in art. Students must complete 12 or more advanced pieces by the end of the semester.

Automotive

Course Name	Credit	9	10	11	12	Prerequisite
Personal Auto Care	0.5	X	X	X	X	
Small Engine Repair	0.5		X	X	X	
Automotive Technician I	1		X	X	X	
Automotive Technician II	1			X	X	Automotive Technician I

Personal Auto Care

State Course ID: 20105A000

Level: 9, 10, 11, 12

Credit Earned: ½

Prerequisite: None

Personal auto care is an instructional program that prepares individuals for basic auto care. This class will have activities on dealing with basic car problems and keeping cars maintained. Activities will include changing oil and filter, tire care, and detailing a car and why they are important. Students will be able to identify most of the parts of a vehicle .

Small Engine Repair

State Course ID: 20110A001

Level: 10, 11, 12

Credit Earned: ½

Prerequisite: None

Small engine repair is an instructional program that prepares individuals to troubleshoot, service, and repair a variety of small internal-combustion engines, involving both two and four cycle engines used on portable power equipment.

Planned activities will allow students to become knowledgeable of fundamental principles and technical skills related to troubleshooting, repairing, identifying parts and making precision measurements. Safety will be a key component of this class. Students will also be exposed to career opportunities related to small engines.

Automotive Technician I

State Course ID: 20104A001

Level: 10, 11, 12

Credit Earned: 1 or 2

Prerequisite: None

This course introduces students to the basic skills needed to inspect, maintain, and repair automobiles and light trucks that run on gasoline. Instructional units include engine performance, automotive electrical system, integrated computer systems, lubrication, exhaust and emission control, steering and suspension, fuel systems, cooling system, braking and powertrain.

Automotive Technician II

State Course ID: 20104A002

Level: 11, 12

Credit Earned: 1 or 2

Prerequisite: Automotive Technician I

This course is a continuation of and builds on the skills and concepts introduced in Automotive Technician I. This course includes instructional units in alternative fuel systems, computerized diagnostics, new vehicle servicing, automobile heating and air conditioning transmissions, testing and diagnostics, drivetrain and overall automobile performance.

Business Department

Course Name	Credit	9	10	11	12	Prerequisite
Information Processing 1A	0.5	X	X	X	X	
Information Processing 1B	0.5	X	X	X	X	Information Processing 1A
General Business	0.5	X	X	X	X	
Marketing	0.5	X	X	X	X	

Coding	0.5		X	X	X	
Video Production	0.5		X	X	X	
Web Design	0.5		X	X	X	
Digital Photography	0.5		X	X	X	
Multimedia Design	0.5		X	X	X	
Photojournalism	0.5		X	X	X	
Accounting	1			X	X	
Yearbook	1			X	X	Application- approval by Mrs. Shade
WebMaster 1	1			X		Web Design
WebMaster 2	1				X	Web Design & Webmaster 1
Consumer Education	0.5				X	
College & Career Readiness (CCR)	0.5		X	X	X	
Entrepreneurship	0.5	X	X	X	X	
Business Communications	0.5	X	X	X	X	

Info Processing 1A

State Course ID: 10005A001

Level: 9, 10, 11, 12

Credit Earned: ½

Prerequisite: Keyboarding/minimum of 25 words per minute using proper technique

Students will complete Microsoft-Word and Microsoft-Excel portions of the “Learning Microsoft Office” tutorials, as well as study the Windows operating system. Some emphasis at the beginning may be on basic speed and formatting skills and drills.

Info Processing 1B

State Course ID: 10005A002

Level: 9, 10, 11, 12

Credit Earned: ½

Prerequisite: Info Processing 1A

This course is designed to increase your competency and productivity using Google Apps. Lessons focus on a hands-on approach using Drive, Docs, Slides, Sheets, Forms, and Drawings where students complete business and financial documents, organize data and create marketing and promotional documents.

General Business

State Course ID: 22210A000

Level: 9, 10, 11, 12

Credit Earned: ½

Prerequisite: None

This course provides a survey of the business world. Topics include the basic principles and practices of contemporary business. Upon completion, students should be able to demonstrate an understanding of basic business concepts.

Marketing (Product Oriented).

State Course ID: 12164A001

Level: 9, 10, 11, 12

Credit Earned: ½

Prerequisite: None

This course includes instructional areas designed to provide an understanding of the fundamental marketing processes including career and professional development, communications, economics, pricing, promotion, product service management, and selling. Students will also create promotional products such as brochures, business cards, advertisements, and social media marketing products.

Coding

State Course ID: 10152A001

Level: 10, 11, 12

Credit Earned: ½

Prerequisite: None

Students will use online platforms to learn the foundations of computer science and basic programming, with an emphasis on developing logical thinking and problem-solving skills.

Video Production

State Course ID:

Level: 10, 11, 12

Credit Earned: ½

Web Design

State Course ID: 10201A001

Level: 10, 11, 12

Credit Earned: ½

Prerequisite: None

Students will get a working knowledge of HTML & JavaScript. Students will use online platforms to learn the languages of HTML and CSS and will create their own live homepages to serve as portfolios of their creations.

Digital Photography

State Course ID: 11052A003

Level: 10, 11, 12

Credit Earned: ½

Prerequisite: None

Good photography, design, and camera use will be the main focus of this course, specializing in the rules of composition. Each student must provide a digital camera for class use.

Multimedia Design

State Course ID: 10202A001

Level: 10, 11, 12

Credit Earned: ½

Prerequisite: None

This is a project-based course that uses the image-editing software Adobe Photoshop. This is a fun course that teaches skills that will be used throughout the other computer courses.

Photojournalism

State Course ID: 11102A000

Level: 10, 11, 12

Credit Earned: ½

Prerequisite: None

Students will learn the foundations of photojournalism including but not limited to the history, major people and events, law and ethics and how developing technologies have contributed to the profession as it stands today.

Accounting

State Course ID: 12104A001

Level: 11, 12

Credit Earned: 1

Prerequisite: None

This class introduces basic accounting concepts and career options, then progresses through three complete accounting cycles (proprietorship, partnership, and corporation).

Yearbook

State Course ID: 11104A000

Level: 11, 12

Credit Earned: 1

Prerequisite: (application/approval by Mrs. Shade required)

The Saukee Yearbook will be created in this course. Students must be willing to work outside of class in order to meet the required deadlines. It is recommended, but not required that Digital Photography, Multimedia Design, Photojournalism, and Marketing be taken prior to this course. Students may enroll in this course for two years for credit. Second-year staff member(s) may be selected as Editor(s).

Webmaster 1

State Course ID: 10201A001

Level: 11

Credit Earned: 1

Prerequisite: Web Design

Students work independently in adding content to all four Pikeland websites.

Webmaster 2 (head Webmaster)

State Course ID: 10201A001

Level: 12

Credit Earned: 1

Prerequisite: Web Design and Webmaster 1

Students work independently in adding content to all four Pikeland websites.

Consumer Education

State Course ID: 22210A000

Level: 12

Credit Earned: ½

Prerequisite: None

The consumer education course is an aid in the development of buying skills that are necessary for today's marketplace. The course covers housing, food, transportation, clothing, health services, insurance-health and auto, savings, stocks, credit, investments, insurance, taxes, and basic economics.

College & Career Readiness (CCR)

State Course ID:

Level: 10, 11, 12

Credit Earned: ½

Entrepreneurship

State Course ID:

Level: 9, 10, 11, 12

Credit Earned: ½

Business Communications

State Course ID:

Level: 9, 10, 11, 12

Credit Earned: ½

Driver Education Department

Course Name	Credit	9	10	11	12	Prerequisite
Driver Education	No Credit	X	X			
Driver Education - Behind-the-Wheel	No Credit	X	X			Driver Education and passing all classes

Driver Education

State Course ID: 08151A000

Level: 9, 10

Credit Earned: No Credit Earned

Prerequisite: None

Students are allowed to enroll in the classroom portion once they turn 14, and have received a passing grade in at least eight courses during the previous two semesters. He/She must pass 30 classroom hours of instruction and not miss any classroom time. If they are absent, they will have to either makeup the class periods missing during their homeroom time or retake the class. Once they turn 15 years of age and passed required test in Drivers Education (Classroom), they can receive a learner's permit. Once they have a learner's permit, they will have to pass 6 hours of Behind The Wheel lessons with the High School Driver Education Instructor.

In order to receive an Illinois Driver's License, they must have passed both sections (Classroom & Behind The Wheel) and have held their learner's permit for nine months, have 50 hours of driving time (10 hours must be night time driving) with a parent/legal Guardian or another responsible adult (21 years old, valid license), and be at least 16 years of age.

Behind the Wheel will not be listed on student schedules. Students who have passed Driver's Education (Classroom portion) will be eligible for Behind the Wheel Slots based on their birth date. Preference will be given to those with the earliest birth date. The Driver Education teacher will inform you of your assigned driving slot.

Driver Education Behind-the-Wheel

Credits Earned: No Credit Earned

Prerequisite: Must pass driver education and be passing all classes

Behind-the-Wheel is a program that utilizes both the driving and observation time for each student each day with the following objectives: helps students understand how and why a motor vehicle functions; help students develop the skills required for safe, courteous, and law-abiding practices in the operation of a motor vehicle; help students develop proper attitudes in regard to personal and social responsibility in the operation of a motor vehicle, and help students develop pride and self-discipline in the operation of a motor vehicle. A student will need a Illinois Instruction Permit and must pass the Classroom Driver portion.

ENGLISH DEPARTMENT

Course Name	Credit	9	10	11	12	Prerequisite
English I	1	X				
English II	1		X			English I
English III	1			X		English II
English IV	1				X	English III
College English for Seniors	1				X	English III w/C or better grade, teacher recommendation
Creative Writing I	0.5	X	X	X	X	
Creative Writing II	0.5	X	X	X	X	Creative Writing I
English Strategies	0.5	X	X	X	X	Teacher Recommendation
Sports Writing & Literature	0.5		X	X	X	
Film Appreciation	0.5		X	X	X	

English I (NCAA Approved)

State Course ID: 01001A000

Level: 9

Credit Earned: 1

Prerequisite: None

This course will aid students in the transition from middle school to high school by concentrating on thinking, writing, and reading skills necessary for success in multiple academic areas. The course will include a study of literature; primarily, short stories, novels, drama, epic poetry, and non-fiction. Students will study vocabulary and word analysis appropriate for their grade level. Writing, reading, and rhetoric skills will be reinforced through the examination of various reading materials ranging from classics to contemporary literature to informative and technical sources. Reading skills, such as summarizing and identifying a main idea and details will be emphasized to help students succeed across the high school curriculum. Close reading, which involves reading portions of a text multiple times with careful attention to the text's features, will be emphasized in order to start students on the path to college readiness.

English II (NCAA Approved)

State Course ID: 01002A000

Level: 10

Credit Earned: 1

Prerequisite: English I

This course will be a continuation of English I through literature and writing. Students will focus on various units comprising poetry, short stories, non-fiction, novels, and drama. Each unit will focus on literary techniques and structure. Students will be exposed to various genres, including, but not limited to: Shakespeare, world literature, science fiction, and classic literature. Students will be prepared for English III by analyzing texts in cultural and societal contexts. Public

speaking skills will be introduced as students present various independent and group projects. English II will focus on various components for strong writing, regardless of the genre. MLA research skills will be a focus and students will be required to complete an argumentative research paper, along with various other essays. Students will study vocabulary and word analysis appropriate for their grade level.

English III (NCAA Approved)

State Course ID: 01003A000

Level: 11

Credit Earned: 1

Prerequisite: English II

This course focuses on an in-depth study of American literature, including the study of various novels, plays, short stories, and poetry. Students will use American literature to learn about the culture, heritage, and history of the United States over the last 250 years. Through their literature study, students will gain comprehension and critical thinking skills that will help prepare them for the SAT and reading expectations in a post-secondary setting. Multiple smaller writing assignments will take place throughout the year with an emphasis on revision and editing. The writing process will also include an in-depth research project that is required for graduation from PHS. Students will study vocabulary and word analysis appropriate for their grade level, as well as complete independent reading assignments.

English IV (NCAA Approved)

State Course ID: 1098A000

Level: 12

Credit Earned: 1

Prerequisite: English III

English IV is designed to prepare seniors for post-secondary life using pillars for success. Students will focus on: cultivating a passion, being an effective communicator, managing stress, and giving back to others. Through literature and writing, students will focus on critical thinking, analysis, and application. Students will focus on the pillars using poetry, short stories, non-fiction, novels, and drama. Students will analyze, evaluate, and apply texts in cultural and societal contexts. Public speaking skills will be important as students prepare for interviews, presentations, and other real life situations. MLA research skills will be a focus and students will be required to complete a current event research paper, along with various other essays. Students will study vocabulary and word analysis appropriate for their grade level.

College English for Seniors (NCAA Approved) (Weighted Course)

State Course ID: 01004A000

Level: 12

Credit Earned: 1

Prerequisite: Prerequisite: an A, B, or C in English III; current on all English credits; teacher recommendation

College English for Seniors is tailored to students pursuing an education at a college or university. Various periods of British literature are studied, with a focus on literary analysis. Students will be exposed to poetry, drama, novels, and other genres of literature. College English for Seniors are required to demonstrate critical analysis skills, as well as application cross-curricular, dependent on literature, conversation, etc. College appropriate discussion, speaking, writing, and various other skills will be the norm. Students will complete multiple writing assignments, in both MLA and APA format, to expand their portfolios. The course moves at a quick pace, similar to what is expected in a post-secondary environment. Students will study vocabulary and word analysis appropriate for their grade level, as well as complete independent reading assignments.

Creative Writing I (NCAA Approved)

State Course ID: 01104A000

Level: 9, 10, 11, 12

Credit Earned: ½

Prerequisite: None

This ½ credit semester course leads writers into genre study as they explore both their strengths as writers as well as their greatest opportunities for improvement. Anchored in our Common Core Learning Standards for language and writing, students in the class will study mentor text selections, take part in writers' workshop, and publish for authentic audiences. This study and practice of written prose encourages critical thinking, is writing intensive, and prepares learners for the SAT.

Creative Writing II (NCAA Approved)

State Course ID: 01104A000

Level: 9, 10, 11, 12

Credit Earned: ½

Prerequisite: Creative Writing I

This ½ credit semester course leads writers deeper into genre study as they explore both their strengths as writers as well as their greatest opportunities for improvement. Anchored in our Common Core Learning Standards for language and writing, students in the class will study mentor text selections, take part in writers' workshop, and publish for authentic audiences. This study and practice of written prose encourages critical thinking, is writing intensive, and prepares learners for the SAT.

English Strategies

Course ID: 01999A000

Level: 9, 10, 11, 12

Credit Earned: ½

Prerequisite: Teacher Recommendation

This ½ credit semester course is a support for students in the area of English. Assessments, grades, and teacher recommendation determine eligibility. This course is designed to give students additional assistance while navigating their writing and then to help fill in learning gaps related to the English/language arts curriculum.

Sports Writing & Literature

State Course ID: 01065A000

Level: 10, 11, 12

Credit Earned: ½

Prerequisite: None

This semester course combines the study of sports literature with writing stories about sports. This is a reading and writing-intensive course that explores American sports through novels, plays, poetry, and the sports pages with the expectation that students will produce a variety of high quality stories and articles.

Film Appreciation

State Course ID: 01149A000

Level: 10, 11, 12

Credit Earned: ½

Prerequisite: None

Film Appreciation will introduce students to the film industry and history of cinema through the study of classic and contemporary films. Emphasis will be placed on exposing the class to a wide variety of styles and genres as well as formulating and justifying criticisms of the works. Hands-on projects, written analyses and participation in class discussions will be requirements for successful completion of the course.

Family and Consumer Science (FACS)

Course Name	Credit	9	10	11	12	Prerequisite
Introduction to Family and Consumer Science	1	X	X	X	X	
Quilting and Textiles 1	0.5		X	X	X	Introduction to FACS
Quilting and Textiles II	0.5		X	X	X	Introduction to FACS
Parenting	0.5		X	X	X	Introduction to FACS
Child Development	0.5		X	X	X	Introduction to FACS
Child Care	0.5		X	X	X	Introduction to FACS
Culinary Arts: General Cooking Strategies	0.5		X	X	X	Introduction to FACS
Culinary Arts: Everyday Cooking	0.5		X	X	X	Introduction to FACS
Culinary Arts: Ethnic Cooking	0.5		X	X	X	Introduction to FACS
Culinary Occupations: Hospitality	0.5		X	X	X	Introduction to FACS
Culinary Occupations: Baking and Decorating	0.5		X	X	X	Introduction to FACS
Culinary Occupations: Pastries	0.5		X	X	X	Introduction to FACS
Nutrition and Wellness Occupations	0.5		X	X	X	Introduction to FACS
Food Science	0.5		X	X	X	Introduction to FACS

Introduction to Family and Consumer Sciences

State Course ID: 22201A000

Level: 9, 10, 11, 12

Credit Earned: 1

Prerequisite: None

This course introduces students to the broad field of FACS. Content areas studied and hands on experiences include culinary and textile arts, nutrition, career, leadership and life management skills. Popular aspects of this class include:

making and eating basic foods; cooking experiences through labs and with guests in generational baking; and making textile projects through dying, screen printing, stenciling, marbling and sewing.

Quilting and Textiles I and II

State Course ID: 19201A001

Level: 10, 11, 12

Credit Earned: ½

Prerequisite: Introduction to Family and Consumer Sciences

This course provides knowledge and understanding of the design, development, and production of textile products. Learning occurs through hands-on and project based learning working with elements of design, construction equipment and skills, careers and industry trends. Students create 5 different textile projects in this course. Students may use the materials and equipment provided in the classroom or they may purchase and bring their own.

Parenting

State Course ID: 22204A001

Level: 10, 11, 12

Credit Earned: ½

Prerequisite: Introduction to Family and Consumer SciencesLevel:

This course addresses research-based, nurturing and parenting practices and skills that support positive development of children and families. During this course students will have the opportunity to take home a Real Baby simulation or do an alternate parenting project.

Child Development

State Course ID: 19052A001

Level: 10, 11, 12

Credit Earned: ½

Prerequisite: Introduction to Family and Consumer Sciences

This semester course addresses the knowledge, skills, attitudes, and behaviors associated with supporting and promoting optimal growth throughout the different stages of childhood. Each stage is broken down into physical, intellectual, social and emotional growth and development. This is a student led presentation course that focuses on result driven teaching and learning strategies.

Child Care

State Course ID: 19054A001

Level: 10, 11, 12

Credit Earned: ½

Prerequisite: Introduction to Family and Consumer SciencesThis course allows students to explore opportunities in human services and education-related careers through the development of a career portfolio and local job shadowing opportunities.

All Foods courses

All the following one semester courses are taught on a rotation. The common learning areas for all the courses are: Foods laboratory experiences; safety and sanitation instruction and application; culinary principles for people of all ages; the decision-making process in food service and preparation; maximizing resources when planning, preparing, preserving, and serving food; applying hospitality skills; Careers and workplace skills, including customer service and work relations, in nutrition and culinary arts.

Culinary Arts: General Cooking Strategies

State Course ID: 16054A001

Level: 10, 11, 12

Credit Earned: ½

Prerequisite: Introduction to Family and Consumer Sciences

This Foods class will concentrate on basic cooking strategies to meet the demands of modern life. Popular units include proteins from meats and vegan sources, Fruits and vegetables, pastas and sauces.

Culinary Arts: Everyday Cooking

State Course ID: 16054A001

Level: 10, 11, 12

Credit Earned: ½

Prerequisite: Introduction to Family and Consumer Sciences

This Foods class will concentrate on basic cooking methods for use in daily life across all food groups and life stages. It will include vegetarian cooking, meal preparation from all food groups, one dish meals, special sauces and garnishes used in making attractive food presentations.

Culinary Arts: Ethnic Cooking

State Course ID: 16054A002

Level: 10, 11, 12

Credit Earned: ½

Prerequisite: Introduction to Family and Consumer Sciences

This is a presentation based class that includes foods labs in regional and international cuisine.

Culinary Occupations: Hospitality

State Course ID: 16054A002

Level: 10, 11, 12

Credit Earned: ½

Prerequisite: Introduction to Family and Consumer Sciences

This class will concentrate on careers in the food industry and students will design, plan and prepare foods for a mock restaurant experience.

Culinary Occupations: Baking and Decorating

State Course ID: 16054A002

Level: 10, 11, 12

Credit Earned: ½

Prerequisite: Introduction to Family and Consumer Sciences

This class concentrates on the baking and decorating arts including cookies, cakes, icing and decorating techniques and molded confections

Culinary Occupations: Pastries

State Course ID: 16054A003

Level: 10, 11, 12

Credit Earned: ½

Prerequisite: Introduction to Family and Consumer Sciences

This class has a concentration in the baking and pastry arts including quick breads, yeast breads, pies, baked desserts, meringues, custards and fillings.

Nutrition and Wellness Occupations

State Course ID: 16054A003

Level: 10, 11, 12

Credit Earned: ½

Prerequisite: Introduction to Family and Consumer Sciences

This class concentrates on careers and teaching strategies in nutrition and culinary arts for all food groups and life stages. It includes concepts in healthy lifestyles, diets and diseases, food allergies and intolerances, energy and wellness.

Food Science

State Course ID: 22203A001

Level: 10, 11, 12

Credit Earned: ½

Prerequisite: Introduction to Family and Consumer Sciences

Foods Laboratory experiences concentrating on scientific concepts and data. Students enjoy making candy in this class as well as learning about sensory perceptions through soda experiments, making mozzarella cheese, making glue from milk, making sourdough bread and drying fruits for food preservation.

Industrial Arts

Course Name	Credit	9	10	11	12	Prerequisite
Industrial Technology	1	X	X	X	X	
Woods II	0.5		X	X	X	Industrial Technology
Woods III	0.5		X	X	X	Woods II
Woods IV	0.5		X	X	X	Woods III
Drafting/Computer Aided Drafting I	0.5			X	X	Industrial Technology
Drafting/Computer Aided Drafting II	0.5			X	X	Drafting/Computer Aided Drafting I
Building Trades	1			X	X	Industrial Arts & Woods II
Welding	0.5		X	X	X	Industrial Technology or Introduction to Agriculture

Industrial Technology

State Course ID:

Level: 9,10,11,12

Credit Earned: 1

Prerequisite: none

Industrial Technology is an orientation to industrial arts which includes drafting, woodworking, metals, and electricity. This course is two semesters long in which the student will spend nine weeks in each of the four areas. The purpose is to introduce the student to industrial arts and then the student can choose the areas in which to advance.

Woods II

State Course ID: 17007A001

Level: 10,11,12

Credit Earned: ½

Prerequisite: Industrial Technology

This course covers topics that were introduced in Industrial Technology in greater detail. Machines and machining fundamentals will be stressed. Each student will complete a cabinet as assigned by the instructor. The cost of materials will be paid by the student.

Woods III

State Course ID: 17007A002

Level: 11,12

Credit Earned: ½

Prerequisite: Woods II

This is an advanced woodworking class in which furniture making will be stressed. Students will also select from a variety of blueprints and build a piece of furniture. Students are required to build a cabinet during this semester. Each student will be responsible for paying for the materials used. The cost will depend on the project chosen.

Woods IV

State Course ID: 17007A002

Level: 11,12

Credit Earned: ½

Prerequisite: Woods III

This is an advanced woodworking class in which furniture making will be stressed. Students will also select from a variety of blueprints and build a piece of furniture. Students have the opportunity to select their own projects during the semester. Each student will be responsible for paying for the materials used. The cost will depend on the project chosen.

Drafting/Computer Drafting (CAD 1 & CAD 2)

State Course ID: 21102A001

Level: 10,11,12

Credit Earned: 1

Prerequisite: Industrial Technology

This course covers elements of drafting as introduced in Industrial Technology. Topics from Industrial Technology will be discussed in greater detail as well as some new elements. A major emphasis will include computer drafting using a popular drafting program.

Building & Trades

State Course ID: 17002A001

Level: 11,12

Credit Earned: 1

Prerequisite: Industrial Arts & Woods 2

This course will provide learning experiences to the different areas of today's construction. The areas to be covered will include how to use both hand and power tools safely and correctly, safety principals (OSHA), construction materials, framing procedures, interior and exterior finishing, foundation layout and concrete finishing, wiring, and new and different types of construction and construction methods and materials. This course will introduce the many different aspects of construction and give the student a chance to experience some of them.

Welding

State Course ID: 13207A003

Level: 10,11,12

Credits Earned: ½

Prerequisite: Intro to Agriculture or Industrial Technology

This course will provide students with an introduction to agricultural mechanics as it relates to agriculture business and

management. Classroom and mechanics laboratory work will include developing basic skills in arc welding. MIG welding, Oxy-Acetylene welding and cutting, hot metal work, and cold metal work.

Law Enforcement

Course Name	Credit	9	10	11	12	Prerequisite
Law Enforcement I	.5	X	X	X	X	

Law Enforcement I

State Course ID: 15051A003

Level: 9, 10, 11, 12

Credits Earned: ½

Prerequisite: None

This course is designed to prepare students to enter the fields of law enforcement and the criminal justice system. Instruction includes the history of law enforcement and the legal system, report writing and recording keeping, criminal investigation techniques, and routine police procedures. Students learn how to perform proper search and seizure techniques, conduct basic criminal investigations, and execute correct pursuit and arrest procedures.

Mathematics

Course Name	Credit	9	10	11	12	Prerequisite
Algebra I	1	X	X	X	X	
Geometry IA	1		X	X	X	Algebra I
Geometry	1	X	X	X	X	Algebra I
Algebra IIA	1			X	X	Geometry IA
Algebra II	1		X	X	X	Geometry
Additional Algebra Topics	1				X	Algebra II
Trigonometry	0.5			X	X	Algebra II
College Algebra	0.5			X	X	Algebra II
Consumer Math	1				X	Algebra IIA
Calculus	1				X	Trigonometry/College Algebra

Fundamental Algebra

State Course ID:

Level: 9

Credits Earned: 2

Prerequisite: Determination of placement by individual IEP's

The following topics will be studied: integers, equations, factors and fractions, rational numbers, ratio, proportion, percent, equations and inequalities, functions and graphing, real numbers and right triangles, two-dimensional figures, three-dimensional figures and statistics and probability.

Algebra I (NCAA Approved)

State Course ID:

Level: 9, 10, 11, 12

Credits Earned: 1

Prerequisite: 8th Grade Pre-algebra, PHS fundamental Algebra or recommendation of teacher

The following topics will be studied: operations with real numbers; using real numbers to simplify expressions; solve linear equations and inequalities; perform basic operations with polynomials; and simplify and evaluation expressions involving exponents and radicals.

Algebra IIA

State Course ID:

Level: 11, 12

Credits Earned: 1

Prerequisite: Fundamental Algebra, Geometry IA

Algebra IIA is designed for students who have taken Fundamental Algebra and Geometry IA. It covers basic Algebra II topics such as equations of lines, simplifying and solving linear and quadratic equations, and simplifying rational and radical expressions.

Algebra II (NCAA Approved)

State Course ID:

Level: 10, 11, 12

Credits Earned: 1

Prerequisite: Algebra I, Geometry

Algebra II is a continuation of the skills in Algebra I using real numbers to simplify expressions, solve linear equations, write and graph linear equations, solve problems involving rates and distance, cost, area and perimeter, use basic operations with polynomials, solve and graph quadratic equations, simplify radical expressions and solve radical equations, simplify complex expressions and solve problems involving complex numbers, use scientific notation, and simplify rational expressions.

Geometry IA (NCAA Approved)

State Course ID:

Level: 10, 11, 12

Credits Earned: 1

Prerequisite: Algebra I

The following topics will be studied: language of plane geometry, angles, polygons and polyhedrons, transformations, triangles and inequalities, congruent triangles, parallel lines, properties of quadrilaterals, perimeter and area, similarity, properties of right triangles, and circles.

Geometry (NCAA Approved)

State Course ID:

Level: 9, 10, 11, 12

Credits Earned: 1

Prerequisite: Algebra I

The study plan of geometry is designed to develop deductive reasoning, logical thinking, and an understanding of basic geometric facts and formulas. Geometric problems are solved by proofs, geometric formulas and construction problems.

Additional Algebra Topics

State Course ID:

Level: 12

Credits Earned: 1

Prerequisite: Algebra I, Geometry, and at least currently enrolled in Algebra II or above

This is a year long class with topics including: trigonometry, the Unit Circle, basic statistics, counting principles, exponential and logarithmic functions, and sequences and series.

Trigonometry (NCAA Approved) Weighted Course

State Course ID:

Level: 11, 12

Credits Earned: 0.5

Prerequisite: Algebra I, Geometry, Algebra II

In trigonometry, you will study basic trig ratios and applications of angles in both right and oblique triangles. You also will study circular trig functions, trig identities, and vectors. Trigonometry is a weighted class at PHS, so expect to work hard. Upon successful completion of this course, you will be prepared for College Algebra, Pre-Calculus, Statistics, and/or other entry-level math courses in college.

College Algebra (NCAA Approved) Weighted Course

State Course ID:

Level: 11, 12

Credits Earned: 0.5

Prerequisite: Algebra I, Geometry, Algebra II

College Algebra topics include: review factoring polynomials, analytical geometry (conic sections-circles, parabolas, ellipses, hyperbolas), exponential functions, logarithmic functions, sequences and series. Upon successful completion of Algebra II and College Algebra, students will be prepared for many college math courses to include College Algebra, Pre-Calculus, Statistics, Calculus, and other college entry-level math classes.

Consumer Math

State Course ID:

Level: 12

Credits Earned: 1.0

Prerequisite: Fundamental Algebra, Geometry IA, Algebra IIA

This class discusses all aspects of you as a consumer. We will cover: gross and net pay, budgets, savings accounts, credit cards, loans, housing payments, health insurance, just to name a few. This course does require more than just math ability as we discuss/write about these various topics as well as knowing the "why" behind each of these topics.

Calculus (NCAA Approved) Weighted Course

State Course ID:

Level: 12

Credits Earned: 1

Prerequisite: Trigonometry, College Algebra

This course is designed to introduce the concepts of the derivative and integral to the student. The concepts of function and limit will, by necessity, precede the introduction of the derivative. There will be extensive study of the application of the derivative as it applies to slope, tangent, and normal lines. Other applications discussed will include related rates, optimization, and graphical analysis of functions and their derivatives.

****The following courses may be taught in the special education department and determination of placement by individual IEP. (Algebra 1, Geometry and Consumer Math)**

Music

Course Name	Credit	9	10	11	12	Prerequisite
Band	1	X	X	X	X	Director's Permission
Chorus	1	X	X	X	X	
Music Appreciation	0.5	X	X	X	X	

Band

State Course ID: 05101A000

Level: 9, 10, 11, 12

Credit Earned: 1.0

Prerequisite: Director's permission

Band is a year long course comprised of several different performing groups including concert band, marching band, basketball pep band, and various small ensembles. The curriculum is designed to promote learning of music theory, history, and appreciation through various rehearsals and performances. The band meets one period every other day, but some outside-of-school time will be required. Individual and/or small group lessons may be required.

Chorus

State Course ID: 05110A000

Level: 9, 10, 11, 12

Credit Earned: 1

Prerequisite: None

This class is for students that have the ability and interest in singing. An appreciation of different types of periods of music is developed. It is essential that a student have a musical talent and ear for music. Class time is devoted to group singing, singing in parts, rudiments of singing and sight-reading are stressed.

Music Appreciation

State Course ID: 05118A000

Level: 9, 10, 11, 12

Credit Earned: .5

Prerequisite: None

Students will study the basic mechanics of music; such as notation, instrumental, melody, harmony, texture and form. The study will include the various eras of music from the Middle Ages to Modern. Various styles; styles such as classical, opera, musical theater, country, and jazz will be included.

Physical Education

Course Name	Credit	9	10	11	12	Prerequisite
Physical Education	1	X	X	X	X	

Physical Education

State Course ID: 08001A000

Level: 9, 10, 11, 12

Credit Earned: 1

Prerequisite: None

This course provides students with knowledge, experience, and an opportunity to develop skills in more than one of the following sports or activities: team sports, individual/dual sports, recreational sports, and fitness/conditioning activities.

A student who cannot participate in class activities due to medical reasons will be placed on Medical PE. Medical PE will be given to students who have a doctor's excuse from PE for more than 1 week. He/she will be given an assignment(s) based on the length of time student can not actively participate in PE.

Science Department

Course Name	Credit	9	10	11	12	Prerequisite
Health	0.5	X				
Environmental Geology	1	X	X	X	X	
Physical Geology	1	X	X	X	X	
Biology	1	X	X	X	X	
Basic Chemistry	1	X	X	X	X	
Basic Physics	1	X	X	X	X	
Chemistry	1		X	X	X	
Physics	1		X	X	X	
Health Occupations	1			X	X	
Anatomy and Physiology I	1		X	X	X	
Anatomy and Physiology II	1			X	X	
Advanced Biology	1			X	X	

Health

State Course ID: 08051A000

Level: 9

Credit Earned: ½

Prerequisite: None

This course covers a variety of topics that include personal health (nutrition, mental health and stress management, substance abuse prevention, disease prevention, and first aid) and consumer health issues.

Environmental Geology (NCAA Approved)

State Course ID: 03003A000

Level: 9,10,11,12

Credit Earned: 1

Prerequisite: none

This course covers a variety of science topics. The class will examine regional and global environmental issues such as earthquakes, flood, volcanic hazards, land use, ground-water supply, pollution, atmosphere, and climate change. Course focuses on the science of systems, including astronomy, ecosystems, and earth spheres. Students will learn to evaluate environmental problems and potential solutions from a geologic and scientific perspective.

Physical Geology (NCAA Approved)

State Course ID: 03002A000

Level: 9,10,11,12

Credit Earned: 1

Prerequisite: none

This course is the study of the earth and the processes which shape it. The course offers an overview of plate tectonics, volcanism, earthquakes, mountain building, weathering, erosion, soil, origin of minerals and rocks, and water and energy resources.

Biology (NCAA Approved)

State Course ID: 03051A000

Level: 9,10,11,12

Credit Earned: 1

Prerequisite: none

A course in elementary biology covering scientific process, biochemistry, ecology, and evolution. The course incorporates a significant variety of inquiry based lab experiences. In addition, emphasis is placed on the skill set necessary to perform science tasks: making claims, analyzing data, supporting reasoning, graphing, and critically thinking with a global perspective.

Basic Chemistry

State Course ID: 03105A000

Level: 10,11,12

Credit Earned: 1

Prerequisite: Biology or Physical Geology or Environmental Geology or Basic Physics

Basic Chemistry is a science lab course. This course is designed for the student who will not take weighted Chemistry and nonscience majors in college. Probable topics covered include: states of matter, gas laws, atomic structure, periodic table, chemical bonding, and solutions.

Basic Physics

State Course ID: 03161A000

Level: 10,11,12

Credit Earned: 1

Prerequisite: Algebra I (or concurrent)

A course in elementary physics covering scientific process, forces and motion, energy, waves, sound, and light. The course incorporates a significant variety of inquiry based lab experiences. In addition, emphasis is placed on the mathematical component of the topics covered.

Chemistry (NCAA Approved) Weighted Course

State Course ID: 03101A000

Level: 10,11,12

Credit Earned: 1

Prerequisite:

This course is the study of matter, energy, and the changes that each undergo. At Pittsfield High School, it is a weighted class, which means that carries added weight with respect to GPA. Students who desire to attend college, and have a fairly strong math background are encouraged to enroll. Students will engage in: Discussions, in-class assignments, out-of-class assignments, quizzes, tests, and various laboratory exercises.

Physics (NCAA Approved) Weighted Course

State Course ID: 03151A000

Level: 10,11,12

Credit Earned: 1

Prerequisite:

This course is the branch of science concerned with the nature and properties of matter and energy. Physics is a close "cousin" to chemistry, but it is distinguished from that of chemistry and biology, in that its subject matter includes mechanics, heat, light and other radiation, sound, electricity, magnetism, and the structure of atoms. Additionally, at Pittsfield High School, physics has an obvious engineering component. Like Chemistry, it is a weighted course, and carries additional weight with respect to GPA. Students will engage in: Discussions, in-class assignments, out-of-class assignments, quizzes, tests, various laboratory exercises, as well as, a set of engineering and technical design projects.

Health Occupations

State Course ID: 14002A002

Level: 10,11,12

Credit Earned: 1

Prerequisite: Application

Health Occupations is a healthcare career exploration course. Probable topics covered include: history of healthcare, careers, medical math, cultural differences, human development, medical terminology, nutrition, first aid, CPR, communication, and healthcare laws. Classroom speakers and classroom field trips will be scheduled.

Anatomy and Physiology I (NCAA Approved)

State Course ID: 03053A000

Level: 10,11,12

Credit Earned: 1

Prerequisite: Biology (C or better)

Anatomy and Physiology is a science lab course. Laboratory investigations are designed to illustrate how the body systems maintain a homeostatic internal environment. Active student participation in laboratory investigations and the development of critical thinking skills are essential. Anatomy and Physiology is the study of the structure and function of the human body. Probable topics include: scientific practices, anatomical terminology, system overview, cell processes, blood, and tissue. The following systems will be studied: integumentary, skeletal, muscular, cardiovascular, and respiratory.

Anatomy and Physiology II (NCAA Approved) Weighted Course**State Course ID:** 03053A001**Level:** 11,12**Credit Earned:** 1**Prerequisite:** Anatomy and Physiology I

Anatomy and Physiology II is a science lab course. Laboratory investigations are designed to illustrate how the body systems maintain a homeostatic internal environment. Active student participation in laboratory investigations and the development of critical thinking skills are essential. Anatomy and Physiology II is the continued study of the human body's structure and function. Probable topics include: scientific method, biochemistry, genetics, and special senses. The following systems will also be studied: nervous, central nervous, digestive, urinary, reproductive, and endocrine.

Advance Biology (JWCC BIO 101) (NCAA Approved) Does not have to be taken Dual Credit**State Course ID:** 03052A000**Level:** 10,11,12**Credit Earned:** 1**Prerequisite:** MAT 010 with a grade of "C" or above within two semesters, or appropriate placement test score, or consent of department

This is a dual credit course conducted in conjunction with John Wood Community College. Students in this class are already in college: An introductory biology course covering the chemistry of living organisms, cellular biology, cellular respiration, photosynthesis, genetics, and topics in evolution. Current issues related to the aforementioned topics are discussed. 3 lecture hours, 2 lab hours (4 cr. hrs.); IAL: L1 900L

****The following courses may be taught in the special education department and determination of placement by individual IEP. (Biology, Physical Geology, and Environmental Geology)**

SOCIAL STUDIES DEPARTMENT

Course Name	Credit	9	10	11	12	Prerequisite
World Geography	1	X	X	X	X	
World History	1	X	X	X	X	
American History	1			X		
American Government	.5				X	
Illinois History	.5	X	X	X	X	
Current Events	.5	X	X	X	X	
Social Problems	.5		X	X	X	
Economics	.5		X	X	X	
20th Century U. S. History	1			X	X	

World Geography (NCAA Approved)

State Course ID: 04001A000

Level: 9, 10, 11, 12

Credits Earned: 1

Prerequisite: None

World Geography is a year-long course that will allow students to understand, identify, and appreciate how the physical geography of a country or region has affected the people, politics, economy, and culture of that country or region. Students will analyze how physical and human geography have dictated the events of history and our concept of the world today. Semesters may be taken in any order and at any time during the high school career. Short papers, projects and presentations will be completed over the course of the year. Topics and requirements for those papers, projects, and presentations will be discussed at the time of the assignments.

World History (NCAA Approved)

State Course ID: 04051A000

Level: 9, 10, 11, 12

Credits Earned: 1

Prerequisite: None

World History is a year long course which examines the progression of history across time, with a focus on Western Civilization. The course will move chronologically through many eras of World History, including the ancient civilizations of the Middle East, the Greek and Roman Empires, the Middle Ages, the ancient African civilizations, the European Renaissance, the Age of Exploration, the Enlightenment, the French and American Revolutions, the Industrial Revolution, and the World Wars. The course examines history through the perspective of connections and commonalities across time and space, not a series of secluded units of study.

American History (NCAA Approved)

State Course ID: 04101A000

Level: 11

Credits Earned: 1

Prerequisite: None

American History is a year-long, required-for-graduation course that explores and analyzes the events of American history to understand the causes and effects that continue to shape the country, the policies, and the national discussions of the United States of America. Students will understand, identify, and appreciate themes, eras, events, and people that have contributed to the American identity. Short papers and essays, group projects and presentations, discussions of current and/or controversial issues, and simulations of democratic processes will also be completed over the course of the year. Topics and requirements for papers, projects, presentations, and simulations will be discussed at the time of the assignments.

American Government (NCAA Approved)

State Course ID: 04151A000

Level: 12

Credits Earned: ½

Prerequisite: None

American Government is a semester course, which looks at national, state, and local government within the U.S. and discusses the importance of government both historically for the nation and personally for the individual student. The course focuses on the U.S. Constitution and the Illinois Constitution. Upon completion of the course, students will have a strong understanding of the main principles of the U.S. Constitution and how these principles relate to their day-to-day lives. Major course components include service learning, direct instruction, current and controversial issues, and democratic simulations. The course promotes civic principles that help prepare students to become active, engaged citizens after graduation. It is required that all students complete a service learning project, pass both Constitutions, and pass the class.

Illinois History (NCAA Approved)

State Course ID: 04105A000

Level: 9, 10, 11, 12

Credits Earned: ½

Prerequisite: None

Illinois History is a semester-long course that explores the progression of people and events that have shaped the Midwest, the State of Illinois, and the United States of America, including prehistoric Illinois and the Midwest, early explorers, towns and cities, conflicts, transportation, tragedies, the Civil War, and sports. A unit of study on Pike County history is featured as well. Short papers, projects, and presentations will also be completed over the course of the semester. Topics and requirements for those papers will be discussed at the time of the assignments.

Current Events (NCAA Approved)

State Course ID: 04064A000

Level: 9, 10, 11, 12

Credits Earned: ½

Prerequisite: None

Current Events is a semester course which focuses on recent local, national, and international news stories and examines their impact on American culture and policymaking. The course also analyzes broad topical issues of debate such as gun rights, religious freedom, and illegal immigration. Current Events will require students to research, discuss, and debate these and other controversial issues that may be difficult. Students are expected to remain composed and respectful at all times. We will only participate in civil discussions and debates. An open and tolerant attitude is required. This course has a heavy emphasis on collaboration, group projects, discussion, and debate.

20th Century U.S. History (NCAA Approved) Not offered 2020-2021 school year

State Course ID: 04103A000

Level: 11, 12

Credits Earned: 1

Prerequisite: None

This is a year long course which takes an in-depth look at many of the main events of our country's history during the 20th century, including Progressivism, the World Wars, the Great Depression, the Cold War, the Vietnam War, and the Civil Rights Movement. This is an upper level history open only to juniors and seniors. There is a strong emphasis on historical research, class discussions, and primary source analysis. During the spring semester, each student will also complete an interview project in which they discuss course topics with people in their lives who actually lived through the events. This will allow students to gain a deeper understanding of the topics by interacting with people who experienced the events first-hand.

Social Problems (NCAA Approved)

State Course ID: 04299A000

Level: 10, 11, 12

Credits Earned: ½

Prerequisite: None

Social Problems is a semester long course which analyzes local, national, and global issues, and how they impact people throughout the world. The course stresses youth activism and encourages students to go beyond simply learning about problems in the world, but to actually doing something about it and to be part of a solution. Students will have opportunities to research topics, raise awareness, participate in charitable organizations, and interact with state and local policymakers.

Economics (NCAA Approved)

State Course ID: 04064A000

Level: 10, 11, 12

Credits Earned: ½

Prerequisite: None

Economics is a semester-long course which gives students an introduction to basic economics principles in order to help students become better equipped to be productive citizens. Students will gain a better understanding of how the American

economy functions by studying both macro and micro economics concepts. The macro side of the course seeks to explain large-scale economics theories like opportunity cost, supply and demand, incentives, and scarcity. These topics will be explained through an academic framework, but also by providing many real-world examples. The micro side of the course focuses on individual financial decisions such as investing, saving, credit, and entrepreneurship, in order to better prepare students to successfully manage their financial futures.

**The following courses may be taught in the special education department and determination of placement by individual IEP. (Current Events, American History and American Government)

Spanish Department

Course Name	Credit	9	10	11	12	Prerequisite
Spanish I	1	X	X	X	x	
Spanish II	1		X	X	X	Spanish I
Spanish III	1			X	X	Spanish II
Spanish IV	1				X	Spanish III

Spanish I (NCAA Approved)

State Course ID: 06101A000

Level: 9,10,11,12

Credit Earned: 1

Prerequisite: None

Students will be considered at the Novice level (NCSSFL/ACTFL) and will begin to communicate basic information in Spanish. Students will practice and begin to recognize and to memorize words, phrases and simple sentences in Spanish. The comprehensible input of new words will be presented through reading, writing, listening and speaking in Spanish. Cultural studies of Spanish speaking countries and the concept of global citizenship will be examined at each level of Spanish study.

Spanish II (NCAA Approved)

State Course ID: 06102A000

Level: 10, 11, 12

Credits Earned: 1

Prerequisite: Spanish I

Students will be considered at the Novice/Intermediate level (NCSSFL/ACTFL) and will build on the structures learned in Spanish I. Students should be able to participate in more spontaneous communications in Spanish. Students should be able to express themselves about familiar topics in Spanish through more connected sentences in the written or spoken language. Cultural studies of Spanish speaking countries and the concept of global citizenship will be examined at each level of Spanish study.

Spanish III (NCAA Approved)

State Course ID: 06103A000

Level: 11, 12

Credits Earned: 1

Prerequisite: Spanish II

Students will be considered at the Intermediate level (NCSSFL/ACTFL) and will build on the language structures learned in Spanish 1 and 2. Students will learn to express themselves using the past tenses and to understand the main ideas of some written work in Spanish. In the spring semester, students will create lessons for 4th graders and teach the lessons at PCS. Cultural studies of Spanish speaking countries and the concept of global citizenship will be examined at each level of Spanish study.

Spanish IV (NCAA Approved) (Weighted)

State Course ID: 06104A000

Level: 12

Credit Earned: 1

Prerequisite: Spanish III

Students will be considered at the Intermediate/Advanced level (NCSSFL/ACTFL) and will build on the language structures learned in Spanish 1, 2 and 3. Students should be able to express themselves using spoken and written Spanish to talk about concrete and abstract concepts. Students will learn to express themselves using Future and Conditional tenses and the Subjunctive mood. In the spring semester, students will create lessons for 4th graders and teach the lessons at PCS. Cultural studies of Spanish speaking countries and the concept of global citizenship will be examined at each level of Spanish study.

John Wood

Introduction to Education

EDU 100

3 Credit Hours on JWCC transcript - ½ credit on PHS transcript

An introduction to teaching as a profession in the American education system. Presentation of a variety of perspectives on education including historical, philosophical, social, legal, and ethical issues in a diverse society. Includes organizational structure and current trends in school governance. Classroom observation as a clinical component is required 2.5 lecture hours, 1 lab hour.

Field Experience in Education

EDU 290

1 Credit Hour on JWCC transcript - ½ credit on PHS transcript

Documented field experience involving observation and interaction with children and teachers in a classroom setting to be determined by JWCC instructors and the partnering school's teachers.

General Biology

BIO 101

4 Credit Hours on JWCC transcript - ½ credit on PHS transcript

Prerequisites: MAT 010 with a grade of "C" or above within two semesters, or appropriate placement test score, or consent of department

An introductory biology course covering the chemistry of living organisms, cellular biology, cellular respirations, photosynthesis, genetics, and topics in evolution. Current issues related to the aforementioned topics are discussed. 3 lecture hours, 2 lab hours.

Basic Nurse Assistant

NUA 101

6 Credit Hours on JWCC transcript - ½ credits on PHS transcript

Prerequisite: Admission to the CNA program; concurrent enrollment in NUA 103

This course provides theoretical and clinical foundation for skills needed to practice as a nursing assistant with introduction to nutrition, anatomy and physiology, and disease process. Skills are included to prepare students to acquire and maintain employment. Course is required for the basic nursing assistant certificate.

Nursing Assistant Practicum

NUA 103

1 Credit Hour on JWCC transcript - ½ credits on PHS transcript

Prerequisite: Admission to the CNA program; concurrent enrollment in NUA 100 and NUA 102

Introduces the student to the clinical setting with supervised practice of basic patient care. The focus is on application of principles of patient care skills and developing competencies in the long-term care setting. Course is required for the CNA certificate. 0 lecture hours, 3 clinical hours.

Elementary Astronomy

AST 101

3 Credit Hours on JWCC transcript - ½ credit on PHS transcript

Online

An elementary survey of the nature and behavior of the solar system and the regions beyond and of basic physical processes occurring throughout the universe.

Intro to Business

BUS 101

3 Credit Hours on JWCC transcript - 1 credit on PHS transcript

Online

A functional view of various aspects of business. Emphasis on the operation of a business and the relationships to the environment in which it exists. Course is repeated second semester

Principles of Economics I

ECO 101

3 Credit Hours on JWCC transcript - ½ credit on PHS transcript

Online

Introduction to the major areas of modern economic theory and public policy, including fiscal policy, international trade and finance, economic growth and development, and contemporary macro-economic problems.

Principles of Economics II

ECO 102

3 Credit Hours on JWCC transcript - ½ credit on PHS transcript

Online

Market structures, distribution of income, allocation of resources through the market, and contemporary micro-economic problems.

Fire Service and the Law

FSC 180

3 Credit Hours on JWCC transcript - ½ credit on PHS transcript

Online

An introduction to the law influencing the fire service. General areas include civil action; criminal actions; the judicial system; organization, authority and responsibility of fire service organizations; city liability for acts of the fire department personnel; municipal liability to members of the fire department; fire prevention bureau; laws and rules governing employment of fire fighters; duty owed to the public by members of the fire service; and liabilities of fire fighters.

Western Civilization I

HIS 101

3 Credit Hours on JWCC transcript - ½ credit on PHS transcript

Online

A survey of political, social and economic history of the Western world, including the origins and development of its peoples and cultures beginning with a study of the early Middle Eastern civilizations of Mesopotamia and progressing through the civilizations of Egypt, Greece, Rome, and Europe of the Middle Ages, Renaissance, and Reformation.

Western Civilization II

HIS 102

3 Credit Hours on JWCC transcript - ½ credit on PHS transcript

Online

A continuation of History of Western Civilization I. A survey of the political, social, and economic history of the Western world, including the origins and development of its peoples and cultures beginning with the renaissance and Reformation and progressing to the present.

Law Enforcement I

LEN 101

3 Credit Hours on JWCC transcript - ½ credit on PHS transcript

Online

A general examination of the various aspects of police, court, probation, correction, and parole practices.

Elementary Statistics

MTH 109

3 Credit Hours on JWCC transcript - ½ credit on PHS transcript

Online

Prerequisite: MAT 020 with a grade of “C” or above within two semesters, appropriate placement score, or consent of department

A study of the collection and interpretation of statistical data. Specific topics include description of sample data, probability, probability distributions, sampling, estimation, testing, hypotheses, correlation, and regression.

Medical Terminology

OFT 281

3 Credit Hours on JWCC transcript - ½ credit on PHS transcript

Online

Teaches medical language of prefixes, suffixes, and combining forms. Students will learn to pronounce and spell medical terms and also learn how to combine prefixes, suffices, and combining forms to describe a medical term. Course utilizes a body system approach focusing upon specific body systems and providing a brief overview of anatomy and physiology, pathology, word roots, related terms, and special procedures with emphasis on building a working medical vocabulary based on body systems.

Introduction to Psychology

PSY 101

3 Credit Hours on JWCC transcript - ½ credit on PHS transcript

Online

Basic introduction to the major areas of psychology--the study of behavior and the mind. Areas of emphasis include human development, personality theory, learning, thinking, stress and motivation, mental illness, and biological and social aspects of behavior. Course will combine research with real life application throughout.

Developmental Psychology

PSy 233

3 Credit Hours on JWCC transcript - ½ credit on PHS transcript

Online

Prerequisites: PSY 101

A study of human development from conception across the life span to death. Attention will be given to physical, cognitive, emotional and social aspects of development.

Introduction to Sociology

SOC 101

3 Credit Hours on JWCC transcript - ½ credit on PHS transcript

Online

This course is an introduction to sociology as a way of understanding the world and how it applies to everyday life. Major theoretical perspectives and concepts are presented including socialization, culture, the social construction of knowledge, social control and deviance, inequality, race and ethnic relations, poverty, and the sociological imagination.

PIKE CEO (Business Leadership I)

BUS 115

3 Credit Hours on JWCC transcript - ½ credit on PHS transcript

Prerequisites: Consent of department

This course will provide an introduction to entrepreneurial skills for self-employment and small business ownership. Students in this course will write multiple business plans, visit with loan officers on their selected plans, and start their own business. Course includes decision-making, feasibility studies, risk taking, business ethics, finance, marketing, organization and other skills. This course will include guest speaker presentations.

Introduction to Speech I

CMN 101

3 Credit Hours on JWCC transcript - ½ credit on PHS transcript

An introduction to the basic principles of oral communications as applied to public speaking. The course emphasizes the mastery of oral communication skills through a variety of exercises in which the student speaks before the group. Involves analysis of such topics as preparation, organization, and delivery.

Art Survey and Appreciation II

ART 120

3 Credit Hours on JWCC transcript - ½ credit on PHS transcript

Online

A course designed to provide an understanding of the history of the visual arts and the role it plays in serving humankind. Using visuals from books, Web sources, some video clips, and museum trips (virtual or real), students will explore why art is created, its function in society, how it affects us, and how it can enrich our lives. Available via Internet only.