

*2020-2021*

**PALMYRA-EAGLE HIGH SCHOOL  
CAREER AND COURSE  
PLANNING GUIDE**



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*Your Career Path Awaits*

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# PALMYRA-EAGLE ADMINISTRATION AND COUNSELING STAFF

## ADMINISTRATION

Principal: Kari Timm Ext. 2215

[ktimm@peasd.org](mailto:ktimm@peasd.org)

Dean Of Students: Joel Tortomasi Ext. 2217

[jtortomasi@peasd.org](mailto:jtortomasi@peasd.org)

## COUNSELING STAFF

School Counselor: Renee Cookstrom Ext. 2205

[rcookstrom@peasd.org](mailto:rcookstrom@peasd.org)

Counseling Administrative Assistant: Gigi Laine Ext. 2202

[glaine@peasd.org](mailto:glaine@peasd.org)

The **Course Planning Guide 2020-21** is a key tool for planning to make the most of a student's high school experience. This guide is a resource to select courses to ensure students have the credits necessary to graduate while planning opportunities to explore areas of interest that are aligned to careers that students may want to pursue. This guide contains information about course offerings, career explorations, opportunities after high school, as well as a number of PEASD policies. Together with their parent/guardian, students should discuss their plans for college and career after high school completion, then review this guide to select courses that meet the student's academic needs while helping them plan for their future career. Once courses are selected, students will register for those courses electronically via skyward.. Questions about specific courses or the course selection process can be directed to the school counselor, teachers or high school administrators. We hope this guide helps students plan thoughtfully and purposefully for the next year of their education. Students will complete the Course Selection Form, with the help of their parents/guardians, school counselor and teachers.

# PALMYRA-EAGLE HIGH SCHOOLS 4-YEAR COURSE PLANNING WORKSHEET

*25.0 Credits required for Graduation*

FRESHMAN			SOPHOMORE		
Subject Area	Course Name	Credit	Subject Area	Course Name	Credit
English		1.0	English		1.0
Math		1.0	Math		1.0
Biology		1.0	Science		1.0
Soc.Studies		1.0	Soc.Studies		1.0
Phy Ed		.5	Phy Ed		.5
Health		.5	Elective		
Elective			Elective		
Elective			Elective		
Elective			Elective		
Elective			Elective		
<b>TOTAL</b>	Up to 7 credits can be taken each year.		<b>TOTAL</b>	Up to 7 credits can be taken each year.	

JUNIOR			SENIOR		
Subject Area	Course Name	Credit	Subject Area	Course Name	Credit
English		1.0	English		1.0
Math		1.0	Elective		
Science		1.0	Elective		
US.History II		1.0	Elective		
Phy Ed		.5	Elective		
Elective		1.0	Elective		
Elective			Elective		
Elective			Elective		
Elective			Elective		
Elective			Elective		
<b>TOTAL</b>	Up to 7 credits can be taken each year.		<b>TOTAL</b>	Up to 7 credits can be taken each year.	

## **ENROLLMENT REQUIREMENTS**

The following guidelines are to be used:

- While counselors assist in this process, the student and parent assume responsibility for the decisions regarding high school academic planning and course selection.
- All students must enroll in at least five (5) academic courses (this includes physical education) per semester.
- All students (Grades 9-12) must have each period scheduled by PEHS for each day including students released for School Board approved programs (Dual-Enrollment Academy, Early College Credit Program, Start College Now, Work Release, Youth Apprenticeship).

### **NONDISCRIMINATION POLICY**

Palmyra-Eagle Area School District is in compliance with Section 504 of the Rehabilitation Act of 1973, which states that no person in the United States shall, on the basis of race, color, national origin, gender, or handicapping condition, be excluded from participation in, be denied the benefits of, or be otherwise subjected to discrimination under any program or activity for which the Palmyra-Eagle Area School District receives federal financial assistance.

### **ADD/DROP COURSE**

Our Master Schedule is constructed and faculty hired based on student course requests during the scheduling process. Therefore, this policy is created to give students, parents, and faculty in our school an opportunity to make timely, efficient and informed decisions about students adding and dropping classes. Students will be given time to review their course selections for the following school year by the dates listed below, if applicable. Changes can only be honored if it is educationally best for the student and there is room in the desired course.

Examples of "acceptable" schedule changes include:

- Inappropriate course placement
- Course prerequisite(s) have not been met.
- Course has already been taken and cannot be repeated for credit.
- Special circumstances as determined by an administrator/counselor.

1. Scheduling errors should be called to your counselors attention as soon as they are discovered. Changes due to errors will be made as soon as possible.
2. We are not able to honor requests to change lunch periods or sections. .
3. Any drops of semester courses after the start of the semester will result in an "F" on the student's permanent transcript.

Students whose request falls within these guidelines have until June 15<sup>th</sup> to make changes for the first semester and December 15<sup>th</sup> to make changes for the second semester. ANY approval to change a class will require a parent/guardian signature. Please be aware that changing your schedule may have a negative impact on your GPA. Students will not be able to drop yearlong classes at semester unless the student fails first semester. Students in AP courses may drop at semester if they are not meeting the academic rigor and have teacher permission.

\*\*\* Parent/Guardian signatures are REQUIRED for us to process the student's registration.

## **ADVANCED PLACEMENT**

### **WHAT IS ADVANCED PLACEMENT?**

The Advanced Placement program (AP) is a cooperative educational endeavor between high schools and colleges or universities. It allows students to enroll in college-level courses while in high school and gives them the opportunity to show mastery by taking an AP exam.

### **BENEFITS OF AP**

Students will receive credit, advanced placement or both at most colleges and universities. The amount of credit received varies on the college, AP score, and the subject. Some colleges grant up to six college credits for a score of 5. Students are also able to move into a higher level class at college as a freshman. This not only translates into time saved but also a financial saving for each credit earned while in high school. It is possible for a student to take enough AP exams to enter college at a sophomore standing.

### **AP EXAM**

AP exams are given during the second and third weeks of May. Every student takes the same exam at the same time. Each exam consists of two sections. The first section is made up of multiple-choice questions. The other section consists of free-response questions in various formats: essays, audiotaped responses, analysis of historical documents, extended problem solving, etc.

### **COST OF AP EXAMS**

Students do have to register and pay for each exam taken in October of the year they wish to take the exam. Upon registering a non refundable \$40 payment is needed. Students who are enrolled or eligible to participate in the federal free and reduced lunch program qualify for a \$32 fee reduction on all exams taken in a given year.

### **ADVANCED PLACEMENT COURSES OFFERED AT PALMYRA-EAGLE HIGH SCHOOL**

AP Biology	AP U. S. History	AP Chemistry
AP Environmental Science	AP Psychology	AP Statistics
AP Art 2D Design	AP Calculus	AP Literature and Composition

### **FURTHER INFORMATION**

For further information, contact any teacher of the courses listed on this page, as well as the school counselor at 262-495-7101 extension 2205.

### **COLLEGIATE ATHLETICS NATIONAL COLLEGIATE ATHLETIC ASSOCIATION (NCAA)**

If a student is planning to participate in intercollegiate athletics at a Division I or II college, it is the student's responsibility to be aware of and follow the guidelines for eligibility spelled out by the National Collegiate Athletic Association (NCAA). Refer to [www.ncaa.org](http://www.ncaa.org) for more information. Details of these guidelines can be found in the high school counseling office and the athletic office.

### **MIDDLE SCHOOL STUDENT TAKING HIGH SCHOOL COURSES**

The school board may count a credit that a student earns in grade 7 or 8 toward the state graduation credit requirements. Therefore, as a result of Wisconsin State Act 138, Palmyra- Eagle School District middle school students taking high school classes have the opportunity to receive credit, and will start their high school transcript. High school courses taken while a middle school student, will be factored into the student's high school grade point average and they will appear on the transcript by course name, grade, and the amount of credit awarded toward high school graduation.

### **NATIONAL HONOR SOCIETY**

The National Honor Society recognizes and encourages academic achievement while developing other characteristics essential to citizens in a democracy.

To be considered for National Honor Society a student must:

- Have completed three semesters of high school and must have been enrolled in PEHS for at least one semester.
- Have a cumulative GPA of 3.5 or higher.

A student who meets the top two requirements is given a letter informing them they are eligible to apply for National Honor Society. They must complete the application by the deadline date. After they have completed the application the faculty council will rate the students on Leadership, Character, and Service.

## ADDITIONAL COURSE FEES

Some courses may charge additional instructional fees to defray the cost of projects done as part of coursework. The fees could include class projects the students choose and various materials that will be provided to the student. If a student has a financial concern, the counselor should be informed. Costs may vary from year to year and will be added to the students skyward account.

## PEASD ACP MODEL

To fulfill the District’s mission to “to ensure students excel with intellect and virtue” the Palmyra-Eagle School District engages in the ACP program. Academic & Career Planning (ACP) is a process where students discover their passions and aptitudes to make informed decisions for post-secondary success.

### The ACP Model has four steps:

- **Know** – Students will discover their interest & aptitudes.
- **Explore** – Students will learn about all their post-secondary options.
- **Plan** – Students will develop a plan to achieve their post-secondary goals.
- **Go** – Students will work to accomplish their plans to reach their post-secondary goals.

**The PEHS has developed 8 “Can Do Statements” identifying what the students will be able to do after completing the ACP process.**

ACP Skill	ACP “Can Do Statements”
<b>Knowledge of Self</b>	Students will understand how one’s unique interests, talents and aspirations play a role in decision-making and interpersonal relationships, with emphasis on how values and beliefs influence future career decision making.
<b>Critical Thinking &amp; Problem Solving</b>	Students will develop the ability to use knowledge, facts and data to solve problems and think critically and creatively.
<b>Communication &amp; Collaboration</b>	Students will convey information and ideas effectively in order to engage multiple audiences. Interact constructively by generating and implementing ideas to achieve an end goal.
<b>Employability Skills</b>	Students will define, develop and hone skills that increase the likelihood of becoming and remaining successfully employed and civically responsible citizens.
<b>Career Awareness</b>	Students will develop an awareness of a wide range of regional and national career pathways and opportunities while giving consideration to economic and cultural influences and their impact on career choice.
<b>Career Planning</b>	Students will create a structured process for analyzing their skills and interests, develop long-term goals, and create strategies to achieve them.
<b>Academic Planning</b>	Students will apply the skills and knowledge necessary to map out and succeed in the academic courses required to achieve post-secondary goals.
<b>Financial Literacy</b>	Students will build a foundation for making intelligent, lifelong personal financial decisions.

# CAREER CLUSTER MODEL

Learn more about the career clusters: <https://careertech.org/career-clusters>



## **Agriculture, Food & Natural Resources**

- Agribusiness Systems
  - Animal Systems
  - Environmental Service Systems
  - Food Products & Processing Systems
  - Natural Resources Systems
  - Plant Systems
  - Power, Structural & Technical Systems
- Architecture & Construction

## **Architecture & Construction**

- Construction
- Design/Pre-Construction
- Maintenance/Operations

## **Arts, A/V Technology & Communications**

- A/V Technology & Film
- Journalism & Broadcasting
- Performing Arts
- Printing Technology
- Telecommunications
- Visual Arts

## **Business Management & Administration**

- Administrative Support
- Business Information Management
- General Management
- Human Resources Management
- Operations Management

## **Education & Training**

- Administration & Administrative Support
- Professional Support Services
- Teaching/Training

## **Finance**

- Accounting
- Banking Services
- Business Finance
- Insurance
- Securities & Investments

## **Government & Public Administration**

- Foreign Service
- Governance
- National Security

- Planning
- Public Management & Administration
- Regulation
- Revenue & Taxation

## **Health Sciences**

- Biotechnology Research & Development
- Diagnostic Services
- Health Informatics
- Support Services
- Therapeutic Services

## **Hospitality & Tourism**

- Lodging
- Recreation, Amusements & Attractions
- Restaurants & Food/Beverage Services
- Travel & Tourism

## **Human Services**

- Consumer Services
- Counseling & Mental Health Services
- Early Childhood Development & Services
- Family & Community Services
- Personal Care Services

## **Information Technology**

- Information Support & Services
- Network Systems
- Programming & Software Development
- Web & Digital Communications

## **Law, Public Safety, Corrections & Security**

- Correction Services
- Emergency & Fire Management Services
- Law Enforcement Services
- Legal Services
- Security & Protective Services

## **Manufacturing**

- Health, Safety & Environmental Assurance
- Logistics & Inventory Control
- Maintenance, Installation & Repair
- Manufacturing Production Process Dev.
- Production
- Quality Assurance

## INDEPENDENT STUDY

INDEPENDENT STUDY is offered to those students who wish to pursue, in depth, some areas of curriculum not offered in a regular high school course. Prior arrangements must be made with a teacher in the subject in which you wish to study. An independent study form is available upon request. The completed proposal must be submitted to the student's school counselor and approved by the teachers and the principal. Credit of 0.5 is awarded at the end of the semester if all content is complete

## VIRTUAL LEARNING OPPORTUNITIES

The District understands that learning takes place in a variety of situations, environments and locations. The Board of Education recognizes virtual education as an appropriate instructional delivery system for students. Through the eDynamic Learning platform Palmyra-Eagle High School is able to offer an alternative way to meet the educational needs of the student population. Additionally this allows the district to expand the variety of course offerings for students.



**Students who choose to participate in virtual courses need to examine their personal skills and aptitudes for taking a class online. The following attributes will greatly contribute to a student's success:**

- Time management - Students must be able to organize and plan their own best "time to learn."
- Self-motivation - Students can direct their own learning environment and methods to fulfill course requirements and achieve individual academic success.
- Independent learner - The online environment enables students to learn at their own pace, for some students this relieves the stress of feeling rushed or pressured and providing enjoyment in the learning process.
- Computer literate - Although it is not necessary to have advanced computer skills, students should possess a working knowledge of electronic e-mail, the Internet, as well as basic keyboarding skills.
- Students must have a strong desire to learn and achieve knowledge and skills via online courses. Making a commitment to learn in this manner is a decision that requires a strong commitment from the student and the parent/guardian in order to achieve academic success. Students should plan to spend the same amount of time on coursework and homework as they would in a traditional learning environment.

The Palmyra-Eagle School District strongly believes that every individual who has the motivation and self-direction to take a virtual course will achieve success in the virtual environment. Meeting the needs of our individual students is our top priority and this provides a unique way to accomplish this.

The specific courses that PEASD offer can be found in the course descriptions section of this document. Please review the eDynamics Learning course descriptions [here](#). Further questions or concerns can be directed to administration.

## GRADUATION REQUIREMENTS

Graduates of Palmyra-Eagle High School must acquire 25.0 total credits. These credits must be obtained during the four years of high school **OR** from an approved high school level course passed by the student in grades 7 or 8.

	REQUIRED CREDITS	REQUIRED COURSES
English	4 credits	English 9, English 10, Composition, Communications and one credit of English Electives
Math	3 credits	Algebra, Geometry, and Algebra II
Science	3 credits	Biology, Chemistry, and Physics/Science Survey
Social Studies	3 credits	Western Civilization, U.S. History, US History II
Physical Education	1.5 credits	3 classes of Physical Education
Health	.5 credit	Health
Business Education	.5 credit	Personal Finance
Electives	9.5 credits	Elective courses are an opportunity for students to pursue personal interests
<b>TOTAL</b>	<b>25.0 credits**</b>	

Students may graduate in less than four years provided they have met all the graduation requirements. The high school principal must approve all requests for permission to graduate early. Students seeking approval should make a written application through their school counselor during the semester immediately preceding the semester in which they plan to graduate.

## BEYOND HIGH SCHOOL

Planning for life after high school early allows students to take courses that help students decide what kind of a job they may be successful with. Selecting courses with a focus on what may come after graduation allows students to take advantage of opportunities in high school to be prepared for college or university studies. Information is provided so that intentional decisions can be made to meet admission requirements. TC courses, AP courses, Start College Now and Early College Credit are all programs that allow students the opportunity to earn college/university credit in high school at no or low cost.

## TECHNICAL COLLEGES

- Diploma or Associate Degree certificate and apprenticeship, in addition to certificate programs.
- Take as many courses as possible that are related to your career choice.
- Apply to a technical college as soon as possible after July 1, of the summer preceding grade 12. Some programs will have specific windows of application, check with your school counselor regarding your particular program. Some with a waitlist can apply during junior year.
- Follow the registration requirements given to you by the technical college upon receipt of your application.
- If interested in earning college credit through SCN (Start College Now) contact your school counselor.

## PRIVATE CAREER AND TECHNICAL EDUCATION PROGRAMS

- Be sure to check placement records and accreditation of private vocational programs (i.e., where are graduates hired, what is the salary range, how many graduates secure employment in the area of their training, etc.).

- Ask to have the names and addresses of graduates with whom you can discuss the benefits of attending a particular school versus the other educational and training options open to you after the completion of high school.

**ADULT APPRENTICESHIPS**

- Meet with your counselor regarding specific adult apprenticeships.
- Talk with teachers in elective areas related to your adult apprenticeship interests to obtain their advice on how to prepare yourself for apprenticeship competition.

**MILITARY**

- Meet with your counselor regarding the military.
- Meet with the military representatives when they come on campus visits.
- Take the ASVAB test.

**CO-CURRICULAR ACTIVITY PROGRAM**

Completing a high school education involves more than successfully progressing through a program of courses. The co-curricular activities sponsored by the Board of Education are intended to give students opportunities to learn and develop leadership, social skills, physical abilities, and personal pride. The program further reinforces various kinds of learning introduced in the formal curriculum. In addition, the activities program is fun! We hope that every student will want to be involved in some aspect of the co-curricular life at Palmyra-Eagle High School. Listed below are some of the programs from which to choose.

ATHLETICS	ARTS	CLUBS / OTHER ACTIVITIES
Baseball Basketball Cheerleading Cross Country Dance Football Golf Soccer Softball Track Volleyball Wrestling	Band Chorus Drama/Comedy Forensics Jazz Band Musical Yearbook	Art Club Environmental Club FFA GSA I.M.C. Club Math Meet National Honor Society Project Graduation Ski/Snowboard Club World Language Club Student Council

# AGRICULTURE

**Mission Statement:** Agricultural Education prepares students for successful careers and a lifetime of informed choices in the global agriculture, food, fiber, and natural resources systems. Our goal is to give students the tools and knowledge they need to make educated decisions, share agriculture with others and play an active role in feeding our world.

**Careers:**

Agricultural Engineers  
 Agricultural Equipments Operators  
 Agriculture Graders and Sorters  
 Agriculture & Food Science Techs  
 Animal Breeders  
 Animal Scientists  
 Biological Technicians  
 Buyers and Purchasing Agents  
 Clinical Research Coordinators  
 Commercial Fishers  
 Environmental Engineering Technicians  
 Environmental Engineers

Environmental Science Technicians  
 Fallers  
 Farm Animals Takers  
 Farm Equipment Mechanics  
 Farm Labor Contractors  
 Farmers and Ranchers  
 Food Scientists  
 Forest & Conservations Technicians  
 Forest and Conservation Workers  
 Foresters  
 Garbage & Recyclable Material Collectors  
 Geological & Petroleum Technicians

Hazardous Material Removal Workers  
 Hunters and Trappers  
 Log Graders and Scalers  
 Logging Equipment Operators  
 Natural Sciences Manager  
 Nonfarm Animal Caretakers  
 Pest Control Workers  
 Pesticide Handler, Sprayers & Applicators  
 Soil and Plant Scientists  
 Tree Trimmers & Pruners  
 Water Resources Engineers  
 Zoologist and Wildlife Biologists

Course Title	Course Number	Length	Prerequisite Required	Year Taken
Introduction to Agriscience	5952	Semester	No	9-12
Wildlife and Natural Resources	5880	Semester	Yes	9-12
Introduction to Greenhouse	5840	Semester	Yes	9-12
Agriculture Food Science	5850	Semester	Yes	10-12
Companion Animal Care	5890	Semester	Yes	10-12
Intro to Vet Science	5860	Semester	Yes	10-12
Large Animals I	5861	Semester	Yes	10-12

## eDynamic Learning Courses

Course Title	Length	Prerequisite Required	Prerequisite	Year Taken
Biotechnology 1a	Semester	Yes	Intro to Agriscience	10-12
Biotechnology 1b	Semester	Yes	Biotechnology 1a	10-12
Forestry and Natural Resources	Semester	Yes	Intro to Agriscience	10-12
Renewable Technologies	Semester	Yes	Intro to Agriscience	10-12

Principles of Agriculture, Food and Natural Resources	Semester	Yes	Intro to Agriscience	10-12
<b>Introduction to Agriscience</b> One Semester Course <b>Credit: .5</b> <b>Grades: 9-12</b> <b>Prerequisite: None</b> Course Number: 5952	An introductory level course will begin your grassroots effort in understanding the agriscience industry through exploration of careers, plant science, animal science, environmental science, food science, and agribusiness. Students will also learn about the FFA and have the opportunity to get involved in Career Development Events (CDE's), Supervised Agricultural Experiences (SAE's), and leadership development activities. Instruction will occur through hands on projects, labs, WebQuests, farm and agribusiness tours, and industry speakers.			
<b>Wildlife and Natural Resource</b> One Semester Course <b>Credit: .5</b> <b>Grades: 9-12</b> <b>Prerequisite: Intro to Agriscience</b> Course Number: 5880	Students will acquire the skills needed to become the best preservationist of the outdoors through traveling to the school's forest, prairie, and ponds along the trails. The course provides students with the history and administration of natural resources, as well as broader concepts that impact everyone, including conservation, endangered species, and human impacts on wildlife. Hands on learning will be the focus of this class, as students learn how to identify WI wildlife, practice wildlife and habitat management, learn about Wisconsin wildlife regulations, and look into career opportunities within the field. This course will also address FFA and Supervised Agricultural Experiences.			
<b>Introduction to Greenhouse</b> One Semester Course <b>Credit: .5</b> <b>Grades: 9-12</b> <b>Prerequisite: Intro to Agriscience</b> Course Number:5840	Students will explore the Horticulture Industry and what it takes to be successful in cultivating and growing plants from the bottom up. Inquiry skills will be put to the test when students explore plant anatomy and physiology, hydroponic systems, greenhouse management, arrangements in floriculture, landscape design schemes, and careers in the industry. Students will learn through hands on lab experiences, industry tours, and will also include a plant sale. Students will be responsible for choosing plants to grow, care for and eventually sell at their plant sale. This course will also address FFA and Supervised Agricultural Experiences.			
<b>Agriculture Food Science</b> One Semester Course <b>Credit: .5</b> <b>Grades: 10-12</b> <b>Prerequisite: Intro to Agriscience</b> Course Number: 5850	Students will get creative through cooking and baking, while learning about the food service industry starting with quality control, food safety and food processing. Turning raw agricultural products into finished food, ready for consumer consumption will be the focus of this course. Students will learn to identify the major retail cuts of beef, pork, and poultry while preparing dishes for the dinner table. They will also get hands on in the dairy industry learning how our dairy products make it from the farm to the store. Students will be able to get creative and design their own flavor of ice cream while learning about the marketing of dairy products. Students will gain experiences through cooking based labs and coursework. This course will also address FFA and Supervised Agricultural Experiences.			
<b>Companion Animal Care</b> One Semester Course <b>Credit: .5</b> <b>Grades: 11-12</b> <b>Prerequisite: Intro to Agriscience</b> Course Number: 5890	Companion Animal Management looks at animal science technology and how it relates to raising small animals and the family pet. Topics include dogs, cats, rabbits, and other small animals. Students will investigate breeds of companion animals, learn nutrition requirements, and species terminology. Diseases affecting companion animals will be discovered along with learning the skills of pet first aid, training animals, and overall health evaluations through hands-on labs, tours of local clinics, and guest speaker presentations. Students will also manage classroom animals for the duration of the semester. This course will also address FFA and Supervised Agricultural Experiences.			

<p><b>Veterinary Science</b> One Semester Course <b>Credit: .5</b> <b>Grades: 11-12</b> <b>Prerequisite: Intro to Agriscience and Companion Animal Care or Large Animals I</b> Course Number: 5860</p>	<p>Veterinary Science is designed for the students who have a love for animals and/or interested in becoming a veterinarian or veterinarian technician. Students gain an understanding of animal anatomy and physiology, proper animal restraint, injection techniques, wound care, and disease diagnosis. Students will learn how to examine, treat and diagnose illness in a variety of species. This class enhances current science knowledge and applies it to situations found in the world of veterinary science. This course will also address FFA and Supervised Agricultural Experiences.</p>
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<p><b>Large Animals I</b> One Semester Course <b>Credit: .5</b> <b>Grades: 10-12</b> <b>Prerequisite: Intro to Agriscience</b> Course Number: 5861</p>	<p>In this course, students will expand their knowledge of pet care, animal medicine, and explore career opportunities within the industry. Students will investigate breeds of companion animals, learn nutrition requirements, vet terminology, and anatomy and physiology of pets. Diseases affecting companion animals will be discovered along with learning the skills of pet first aid, training animals, and overall health evaluations through hands on labs, tours of local clinics, and guest speaker presentations. Students will also manage classroom animals for the duration of the semester. This course will also address FFA and Supervised Agricultural Experiences.</p>
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## ART

**Mission Statement:** Art is an essential part of a comprehensive education that provides students an opportunity to flourish as artists and create meaningful connections with our community. We empower and enrich the development of the visual arts by instilling a sense of culture, pride, higher level thinking, and lifelong learning while developing essential skills to be successful in the area of art education. All Art courses are aligned to the Career Cluster of Arts, Communication & Information.

<p><b>Careers:</b> Advertising Art Director Animator Antique Dealer Architect Art Editor Art Gallery Curator Art Therapist Ceramics Designer/Maker Chef Community Arts Worker Conservator Costume Designer</p>	<p>Design and Development Dressmaker Engineer Exhibition Designer Fashion Designer Fine Artist Florist Footwear Designer Furniture Maker Furniture Restorer Glassmaker Graphic Designer Illustrator Interior Designer</p>	<p>Jewelry Designer Landscape Architect Make-up Artist Medical Illustrator Museum Curator Photographer Printing Administrator Product Designer Prop Maker Set Designer Tailor Tattooist Web Designer</p>
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## No Prerequisite Courses Required

Cell Phone  
Photography

Art Exploration  
I

## Prerequisite - Art Exploration I

Art  
Exploration II

Painting &  
Drawing I

Painting &  
Drawing II

## Prerequisite - 1.5 Art Credits

Advanced Art\*

AP Art

\*Advanced Art can be taken more than once for credit

Course Title	Course Number	Length	Prerequisite Required	Year Taken
Cell Phone Photography & Editing	7980	Semester	No	9-12
Art Exploration I	7900	Semester	No	9-12
Art Exploration II	7910	Semester	Yes	9-12
Drawing & Painting I	7920	Semester	Yes	9-12
Drawing & Painting II	7930	Semester	Yes	9-12
Advanced Art	7971/7972	Year	Yes	11-12
Advanced Placement: 2-D Art and Design	7951/7952	Year	Yes	11-12

## eDynamic Learning Courses

Course Title	Length	Prerequisite Required	Prerequisite	Year Taken
Animation	Semester	Yes	1 Art Credit	10-12
Art in World Cultures	Semester	Yes	1 Art Credit	10-12
Digital Photography 1b: Creating Images with Impact! (Student's Own Camera Required)	Semester	Yes	Cell Phone Photography & Editing	9-12
Digital Photography 2: Discovering Your Creative Potential (Student's Own Camera Required)	Semester	Yes	Digital Photography 1b	10-12
Fashion and Interior Design	Year	Yes	1 Art Credit	10-12

<p><b>Cell Photography and Editing</b> One Semester Course <b>Credit: .5</b> <b>Grades: 10-12</b> <b>Prerequisite: None</b> Course Number: 7980</p>	<p>This course focuses on creating meaningful artistic photography using your cell phone camera and editing apps such as Lightroom and Pic collage. We will study the work of famous photographers and apply their methods to create quality, lasting images. This course also covers the basics of photoshop and digital restoration.</p>
<p><b>Art Exploration I</b> One Semester Course <b>Credit: .5</b> <b>Grades: 9-12</b> <b>Prerequisite: None</b> Course Number: 7900</p>	<p>In this exploratory Art course, students will learn basic beginner hands-on techniques in drawing, painting, sculpture, ceramics, and printmaking. If you would like to try a little of everything and get creative, this class is perfect for you.</p>
<p><b>Art Exploration II</b> One Semester Course <b>Credit: .5</b> <b>Grades: 9-12</b> <b>Prerequisite: Art Exploration I</b> Course Number: 7910</p>	<p>This course is similar to Art Exploration 1 content with the addition of more advanced in depth techniques and more materials, if you enjoyed exploring a variety of content and materials learned in Art Exploration 1 or took “Art 1” previously and are not yet sure what your preferred type of art is, you can explore more art while learning advanced techniques in many areas and gain more hands on experience with materials and processes.</p>
<p><b>Drawing &amp; Painting I</b> One Semester Course <b>Credit: .5</b> <b>Grades: 9-12</b> <b>Prerequisite: Art Exploration I</b> Course Number: 7920</p>	<p>This class is for students who have an interest and desire to work in the mediums of Painting and Drawing, students will learn hands on techniques and explore with materials in both painting and drawing such as photo gridding, shading, Pastels, Acrylic, watercolor, and Color theory (mixing).</p>
<p><b>Drawing &amp; Painting II</b> One Semester Course <b>Credit: .5</b> <b>Grades: 9-12</b> <b>Prerequisite: Painting/Drawing I</b> Course Number: 7930</p>	<p>This class is for students who have taken Painting &amp; Drawing 1 and have a continued interest and desire to work in the mediums of Painting and Drawing, this is a more advanced course that allows students to work at a more independent pace while still learning advanced techniques and mediums.</p>
<p><b>Advanced Art</b> Year Long Course <b>Credit: 1</b> <b>Grades: 11-12</b> <b>Prerequisite: 1.5 Credits of Art or instructor approval</b> Course Number: 7971/7972</p>	<p>This course is for students who want to work at an independent pace on individual projects using advanced art techniques/materials as they explore individual interests. Students are expected to be self motivated and working towards developing a personal voice through Artmaking.</p> <p><b>Can be taken more than once for credit.</b></p>
<p><b>AP Art 2D Design</b>  Year Long Course <b>Credit: .5</b> <b>Grades: 10-12</b> <b>Prerequisite: 1.5 Credits of Art or instructor approval</b> Course Number: 7951/7952</p>	<p>Students will develop technical skills and demonstrate mastery in any two-dimensional medium or process, such as graphic design, digital imaging, photography, collage, fabric design, weaving, fashion design, fashion illustration, painting, and printmaking. Students will create an individual portfolio of work for evaluation at the end of the course. (24 pieces total)</p> <p>Students have the opportunity but are not required to submit their portfolio to the College Board for AP Placement credits (accepted by most colleges) there is a “test”(portfolio) fee at the end of the course if the student chooses to submit the</p>

portfolio to the College Board for AP credit. This is a year long class and can only be taken with instructor approval.

## BUSINESS & COMPUTER EDUCATION

**Mission Statement:** The Business, Computer and Information Technology Department of Palmyra-Eagle Area School District is dedicated to preparing students for a rapidly changing world by expanding each student’s knowledge and skills in business, computer and information technology to inspire motivated life-long learners and productive global citizens. We believe the knowledge, skills, and ethics taught are necessary for active, life-long participation in a global, informational society—fostering success in one’s personal life, continued areas of study and career choice. All Art courses are aligned to the Career Cluster of Arts, Communication & Information.

### Careers:

#### **Business, Management and Administration**

Administrative Services  
 Administrative Assistant  
 Computer Operator  
 Customer Service  
 Data Entry Specialist  
 Court Reporting  
 Information Processing  
 Legal Information Technology  
 Medical Information Technology  
 Office Administration  
 Information Systems  
 Information Technology Manager

#### **FINANCE**

Accounting  
 Bookkeeping  
 Accounts Payable  
 Accounts Receivable  
 Tax Accountant  
 Financial Officer  
 Chief Financial Officer (CFO)  
 Certified Public Accountant (CPA)

#### **MARKETING**

Marketing Communications  
 Business  
 Marketing  
 Public Relations  
 Communications  
 Management  
 Small Business Management

#### **Business Information Management**

Business Administration  
 Information Technology  
 Office Technology  
 Information Systems  
 Business Systems Analyst

#### **Human Resources Management**

Business Administration  
 Human Resources Management

#### **Banking Services**

Client Services  
 Banking and Finance  
 Payroll Clerk  
 Auditor

#### **Business Finance**

Economics  
 Accounting  
 Finance

#### **Marketing Research**

Information Science  
 Information Systems Management  
 Data Analyst  
 Marketing  
 Economics  
 Merchandising  
 Marketing  
 Merchandising  
 Sales  
 Customer Service  
 Small Business Management  
 Management

#### **Management**

Certified Government Auditor  
 Certified Professional Consultant  
 Agribusiness Administration  
 Marketing  
 Entrepreneurship  
 Finance  
 Hospitality Management  
 International Business  
 Business Management  
**Operations Management**  
 Agribusiness Management  
 Retail Management

#### **Insurance**

Customer Service Agent  
 Processing Clerk  
 Tax Preparation  
 Property & Casualty Insurance  
 Statistics  
 Actuarial Science  
**Securities and Investments**  
 Certified Financial Analyst  
 Certified Financial Planner

#### **Professional Selling**

Management  
 Business  
 Customer Service  
 Marketing  
 Sales  
 Small Business Management

**BUSINESS/MARKETING EDUCATION**

*.5 Credit- Personal Finance Required for Graduation for the class of 2023 and beyond.  
Computer Applications counts for class of 2021 and 2020*

Course Title	Course Number	Length	Prerequisite Required	Year Taken
Principles of Business	9831	Semester	No	10-12
Accounting I	9801/9802	Year	No	10-12
Accounting II	9811/9812	Year	Yes	11-12
Law: Business	9752	Semester	No	11-12
Law: Personal	9751	Semester	No	11-12
Personal Finance - <b>Required</b>	9840	Semester	No	11-12
Introduction to Sports & Entertainment Management	9851	Semester	No	10-12
Foundations of Entrepreneurship	9860	Semester	No	10-12

**BUSINESS EDUCATION - eDynamic Learning Courses**

Course Title	Length	Prerequisite Required	Prerequisite	Year Taken
Business Information Management 1a: Introduction	Semester	Yes	Principles of Business	11-12
International Business: Global Commerce in the 21st Century	Semester	Yes	Principles of Business	11-12
Microsoft Outlook	Semester	No		9-12
Microsoft PowerPoint	Semester	No		9-12
Microsoft Word	Semester	No		9-12
Microsoft Excel	Semester	No		9-12
Microsoft Access	Semester	No		9-12
Principles of Business, Marketing, and Finance 1b: Targeting Your Business Insight	Semester	Yes	Principles of Business	11-12

**MARKETING - eDynamic Learning Courses**

Course Title	Length	Prerequisite Required	Prerequisite	Year Taken
Advertising and Sales Promotion	Semester	No		9-12
Marketing Foundations 1a: Introduction	Semester	Yes	Foundations of Entrepreneurship	11-12

Marketing Foundations 1b: Building your Base	Semester	Yes	Marketing Foundations 1a	11-12
Marketing 2a: Global Business and Trade	Semester	Yes	Marketing Foundations 1b	11-12
Social Media: Our Connected World	Semester	No		10-12
Sports and Entertainment Marketing	Semester	Yes	Sports & Entertainment Management	11-12

### COMPUTER EDUCATION - eDynamic Learning Courses

Course Title	Length	Prerequisite Required	Prerequisite	Year Taken
3D Modeling	Year	No		9-12
Coding 1a: Introduction to Programming	Semester	No		9-12
Coding 1b: Programming	Semester	Yes	Coding 1a	9-12
Cybersecurity 1a: Foundations	Semester	No		9-12
Cybersecurity 1b: Defense Against Threats	Semester	Yes	Cybersecurity 1a	9-12
Web Development 1a: Introduction	Semester	No		9-12
Foundations of Game Design 1a: Introduction	Semester	No		9-12
Foundations of Game Design 1b: Storytelling, Mechanics and Production	Semester	Yes	Foundations of Game Design 1a	9-12
Introduction to Programing 1a: Introduction	Semester	No		9-12
Introduction to Programming 1b: Problem Solving Through Programming	Semester	Yes	Introduction to Programming 1a	9-12

### Hospitality & Tourism - eDynamic Learning Courses

Course Title	Length	Prerequisite Required	Prerequisite	Year Taken
Restaurant Management	Semester	No		9-12
Hospitality and Tourism 1: Traveling the Globe	Semester	No		9-12
Hospitality and Tourism 2a: Hotel and Restaurant Management	Semester	Yes	Hospitality and Tourism 1	10-12
Hospitality and Tourism 2b: Management, Marketing & Operations	Semester	Yes	Hospitality and Tourism 2a	10-12

## BUSINESS EDUCATION

<p><b>Principles of Business</b> One Semester Course <b>Credit: .5</b> <b>Grades:10-12</b> <b>Prerequisite: None</b> Course Number: 9831</p>	<p>You will be introduced to the world of work with a broad range of topics – some of which include entrepreneurship (owning your own business), the economy, management and marketing functions, and international business. Instruction will emphasize transferable skills, such as leadership, creativity, teamwork, communication, flexibility, and overall work ethic.</p>
<p><b>Accounting I</b> Year Long Course <b>Credit: 1.0</b> <b>Grades: 10-12</b> <b>Prerequisite: None</b> Course Number: 9801/9802</p>	<p>You will learn the practical application of accounting, a system of recording financial transactions of a business known as the “language of business.” Emphasis will be placed on students understanding the “why” behind accounting transactions and how a business is affected, in addition to interpreting and analyzing financial statements. Accountants are in high demand and many rewarding career opportunities are possible. Accounting is a required course for all business students in college and studies show that students who take accounting in high school are more successful at the college level.</p>
<p><b>Accounting II</b> Year Long Course <b>Credit: 1</b> <b>Grades: 9-12</b> <b>Prerequisite: Accounting I</b> Course Number: 9811/9812</p>	<p>Accounting II goes beyond the foundations of Accounting I and explores how businesses use accounting information to make decisions. Topics include an introduction to accounting, accounting information systems, time value of money, and accounting for merchandising firms, sales and receivables, fixed assets, debt and equity.</p>
<p><b>Law: Business</b> One Semester Course <b>Credit: .5</b> <b>Grades: 11-12</b> <b>Prerequisite: None</b> Course Number: 9752</p>	<p>Law is an integral part of everyday business. In this course, you will learn about business legal rights and responsibilities through textbooks, speakers, online materials. You will learn about the history of laws and how they relate to business and society. You will study true scenarios that show how the law impacts business. In addition, you will learn more about the many law-related careers. A recommended course for students interested in business or law as a career.</p>
<p><b>Law: Personal</b> One Semester Course <b>Credit: .5</b> <b>Grades: 11-12</b> <b>Prerequisite: None</b> Course Number: 9751</p>	<p>Laws are a part of everyday life. In this course, you will learn your legal rights and responsibilities through textbooks, speakers, and online materials. You will learn about the law and how it impacts personal life, and society. You will study true scenarios that show how the law impacts the lives of adults, such as getting a job, renting an apartment, obtaining a loan, getting married, etc. In addition, you will learn more about the many law-related careers. A recommended course for students to be prepared as a consumer and/or for a student interested in law as a career.</p>
<p><b>Foundations Entrepreneurship</b> One Semester Course <b>Credit: .5</b> <b>Grades: 10-12</b> <b>Prerequisite: None</b> Course Number: 9860</p>	<p>Entrepreneurship will teach the skills and approaches to successfully evaluate and create new business opportunities. Emphasis is placed on projects and activity based learning. Students will engage in team building and collaborative activities, with the intent of increasing career and college readiness.</p>

<p><b>Personal Finance</b> One Semester Course <b>Credit: .5</b> <b>Grades: 11-12</b> <b>Prerequisite: None</b> Course Number: 9752</p>	<p>This course focuses on overall personal money management. You will learn about budgeting, financial goal setting, saving, investing, insurance, identity theft and using credit wisely. This course is designed to help you prepare financially for your role as a citizen/worker. You will also get to experience a “real world” simulation, which gives students a chance to practice their budgeting skills with a hypothetical family situation. This course will fulfill the required .5 credit of computer education/personal finance for the classes of 2021 and 2022. This course will be required starting with the class of 2023.</p>
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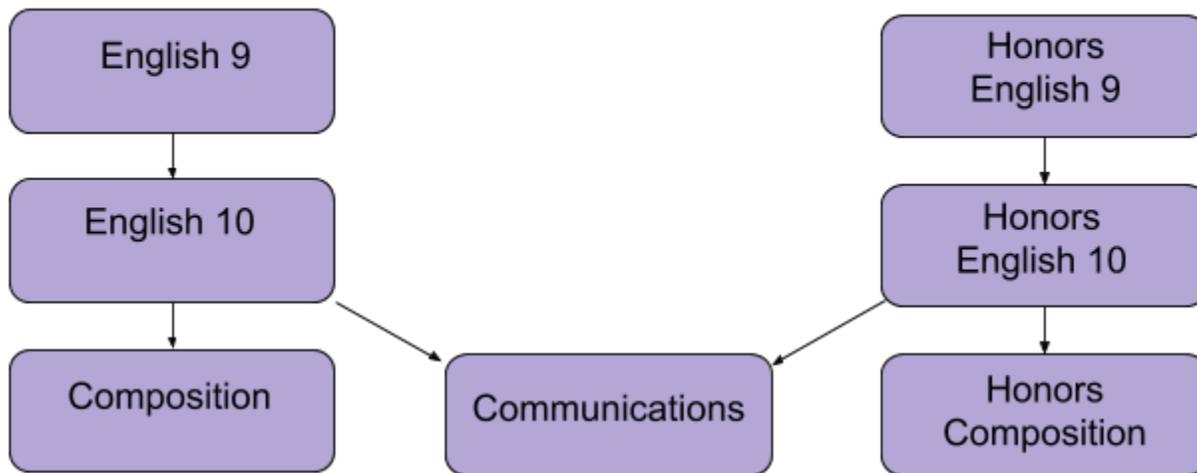
<p><b>Introduction to Sports and Entertainment Management</b> One Semester Course <b>Credit: .5</b> <b>Grades: 9-12</b> <b>Prerequisite: None</b> Course Number: 9851</p>	<p>Students will develop a foundation of understanding for the billions of dollars spent each year involving sports and entertainment. They will complete a project planning an event involving staffing, parking, ticket pricing, booking events, and concessions.</p>
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# ENGLISH

**Mission Statement:** The mission Palmyra-Eagle High School English Department is to produce effective communicators of written and oral language, to foster a greater understanding and appreciation of literature, and to encourage students to think critically and independently about the world around them.

<p><b>Careers:</b> Charity Fundraising Content Manager Editor and Content Manager Freelance Writer/Copywriter Grant Writer</p>	<p>Human Resources Specialist Journalist Lawyer Librarian Public Relations Publishing Assistant</p>	<p>Social Media Manager Social Work Teacher Teaching English as a Foreign Language Technical Writer</p>
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## Required



## Electives



eDynamic Courses can fill 1.0 elective credit

### ***English Graduation Requirement: 4.0 Credits***

Students must complete an English 9, an English 10, Communications, Composition and 1.0 credits of English Electives. To help students and parents decide which English leveled course to take, please refer to this general statement and the course descriptions: All English courses at the different levels are based on the same standards with some differences in how the course is taught, what literature is used, and the pacing of the course. .

- English offers a standard pace and instructional approach as students analyze and apply core concepts to a variety of literature and composition.
- Honors English is more rigorous and independent, requiring a faster pace, and a deeper analysis and application of core concepts to a variety of literature and composition units of study.
- Broadcast Media will count as .5 English Elective and .5 General Elective.

Course Title	Course Number	Length	Prerequisite Required	Year Taken
English 9	1401/1402	Year	No	9
Honors English 9	1421/1422	Year	No	9
English 10	1601/1602	Year	Yes	10
Honors English 10	1621/1622	Year	Yes	10
Composition	1850	Semester	No	11-12
Honors Composition	1812	Semester	Yes	11-12
Communications	1702	Semester	No	11-12

ENGLISH ELECTIVES				
Course Title	Course Number	Length	Prerequisite Required	Year Taken
Multicultural Literature	1760	Semester	No	11-12
20/21st Century Literature	1722	Semester	No	11-12
AP Literature and Composition	1821/1822	Year	Yes	12
Broadcast Media	1961/1962	Year	Yes	11-12
English Essentials	1830	Semester	Yes	11-12

*eDynamic Learning Courses				
Course Title	Length	Prerequisite Required	Prerequisite	Year Taken
Creative Writing	Semester	Yes	English 9 & 10	11-12
Mythology and Folklore: Legendary Tales	Semester	Yes	English 9 & 10	11-12
Gothic Literature: Monster Stories	Semester	Yes	English 9 & 10	11-12
Journalism 1a: Introduction	Semester	Yes	English 9 & 10	11-12
Journalism 1b: Investigation the Truth	Semester	Yes	English 9 & 10	11-12
Lord of the Rings: An Exploration of the Films and Their Literary Influences	Semester	Yes	English 9 & 10	11-12

\*eDynamic courses can fill the 1.0 credit of elective English needed for graduation

<p><b>English 9</b> Year Long Course <b>Credit: 1</b> <b>Grades: 9</b> <b>Prerequisite: None</b> Course Number: 1401/1402</p>	<p>This course is designed to build students' foundational skills in reading, literary analysis, writing, and standard use of the English language. We will examine the essential elements of literature, analyze authorial choices within pieces, and begin to identify complex themes and ideas. In doing so, students will enhance their English language skills, strengthen their voices as writers, develop an understanding of analytic writing, and become stronger analysts of the written word.</p>
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<p><b>Honors English 9</b> Year Long Course <b>Credit: 1</b> <b>Grades: 9</b> <b>Prerequisite: No</b> Course Number: 1421/1422</p>	<p>In preparation for future college-level study of English, this course will build upon the students' already strong foundational skills in reading, literary analysis, writing, and standard use of the English language. Students will analyze complex literature and produce well-organized, logical, and insightful pieces of writing. Students must demonstrate an above average composition ability; basic knowledge of grammar, usage, punctuation, and spelling are assumed. A summer assignment will be given prior to the corresponding year.</p>
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<p><b>English 10</b> Year Long Course <b>Credit: 1</b> <b>Grades: 10</b> <b>Prerequisite: 1 Semester English 9</b> Course Number: 1601/1602</p>	<p>This course integrates the following sections: a review of grammar skills, library skills and nonfictional works; reinforcement of basic skills and more advanced study of the above; oral communication, continuing to develop oral speaking techniques through speeches, oral readings and note taking; composition, and working on developing writing skills with weekly writings. The major writing project is a term paper. Literature consists of reading and analyzing short stories and novels, looking for theme, characterization, point of view, plot, climax, and setting.</p>
<p><b>Honors English 10</b> Year Long Course <b>Credit: 1</b> <b>Grades: 10</b> <b>Prerequisite: Honors English 9</b> Course Number: 1621/1622</p>	<p>Successful completion of Honors Eng 9 or teacher approval Students will grasp the concepts of analyzing literature, including short stories, plays, and novels. They will also be responsible for a research paper at the beginning and end of the year, while also using a variety of writing styles to prepare them for an AP level course. Summer material in which students will use online forums to complete will be given as well prior to the corresponding year. Advanced compositional skills and college preparatory skills are stressed, as well as critical thinking and creativity. Students are expected to meet and maintain the instructor's performance criteria, and a meeting regarding student placement in this course will take place upon instructor recommendation.</p>
<p><b>Composition</b> One Semester Course <b>Credit: .5</b> <b>Grades: 11-12</b> <b>Prerequisite: None</b> Course Number: 1850</p>	<p>Composition focuses on the writing process, including, organization, logic, creativity, and effect. A variety of different writing styles will be covered – formal, informal, and professional. There is an emphasis on the essay, a form which students are called upon to utilize frequently, in addition to being responsible for a research paper that highlights MLA style writing.</p>
<p><b>Honors Composition</b> One Semester Course <b>Credit: 1</b> <b>Grades: 11-12</b> <b>Prerequisite: A/B Honors English 10</b> Course Number: 1812</p>	<p>This course is designed for college-bound students. In this class, students will practice writing in a variety of different styles. Students will also proofread and edit papers, while also writing a term paper at the end of the course. MLA style writing will also be studied and used.</p>
<p><b>Communications</b> One Semester Course <b>Credit: .5</b> <b>Grades: 11-12</b> <b>Prerequisite:</b> Course Number: 1702</p>	<p>This course is an introduction to communication. Interpersonal communication will be emphasized as well as speech communication. Areas of study will be group discussion as it applies to conflict resolution and decision making, public speaking which will include original speeches and oral interpretation and analysis of our own communication skills in effective listening and speaking.</p>
<p><b>Multicultural Literature</b> One Semester Course <b>Credit: .5</b> <b>Grades: 11-12</b> <b>Prerequisite: No</b> Course Number: 1760</p>	<p>This is an in-depth study of the lives of different cultures and ethnicities, as well as women authors. There will be a variety of novels, short stories, and plays read from these cultures, and the class will focus on analyzing themes that represent diversity in world literature. A presentation of a culture will be assigned, as well as independent reading.</p>
<p><b>20/21st Century Literature</b> One Semester Course <b>Credit: .5</b> <b>Grades: 11-12</b> <b>Prerequisite: No</b> Course Number: 1722</p>	<p>This course is designed for the student who likes to read and wants to sample popular contemporary and classic literature. The class focuses on reading and analyzing literature through writing and discussion. Independent reading will be assigned for this course.</p>

<p><b>English Essentials</b> One Semester Course <b>Credit: .5</b> <b>Grades: 11-12</b> <b>Prerequisite: No</b> Course Number: 1830</p>	<p>This course introduces useful, real-world information by having students learn to read legal, insurance, and employment documents. Furthermore, students will explore media bias, trends in journalism, word structures, and research strategies. To entrench real-world applications, students will learn how to critically read, identify good sources of information, and create an outline, making this course an asset to building life and study skills. This course is geared towards students interested in technical/vocational career paths.</p>
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<p><b>AP Literature and Composition</b> Year Long Course <b>Credit: 1</b> <b>Grades: 12</b> <b>Prerequisite: Teacher approval</b> Course Number: 1821/1822</p>	<p>Through the careful reading and critical analysis of imaginative literature, the AP English Literature and Composition course is intended to give you the experience of a typical introductory college literature course. You will deepen your understanding of the ways writers use language to create meaning: you'll learn to consider a work's structure, style, and themes, as well as smaller-scale elements such as the use of figurative language, imagery, symbolism, and tone. Writing is also an integral part of the course and of the AP Exam. Writing assignments will address the critical analysis of literature; the goal is to increase your ability to explain clearly and cogently what you understand about literary works and how you interpret them. The required reading and writing for this course will occur both in and out of class.</p>
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<p><b>Broadcast Media</b> Year Long Course <b>Credit: 1</b> <b>Grades: 11-12</b> <b>Prerequisite: English 9 &amp; 10</b></p>	<p>Students will learn the basics of producing a video, as well as other visual mediums while being in charge of a variety show called Panther Banter. Students will be trained in video camera techniques, including the basics of shooting and electronically editing video stories to produce a newscast-like video. Students will also brainstorm, organize, write, and script segments while learning to be part of a group project in a fast-paced environment. The prospective student acknowledges and agrees to the possibility for occasional after-hours (early mornings, evenings, weekends, etc.) work to cover stories and meet deadlines, as well as possible use of phones to record. The commitment to meeting deadlines means the student must be able to exercise time-management. This class will count as .5 English Elective and .5 General Elective.</p>
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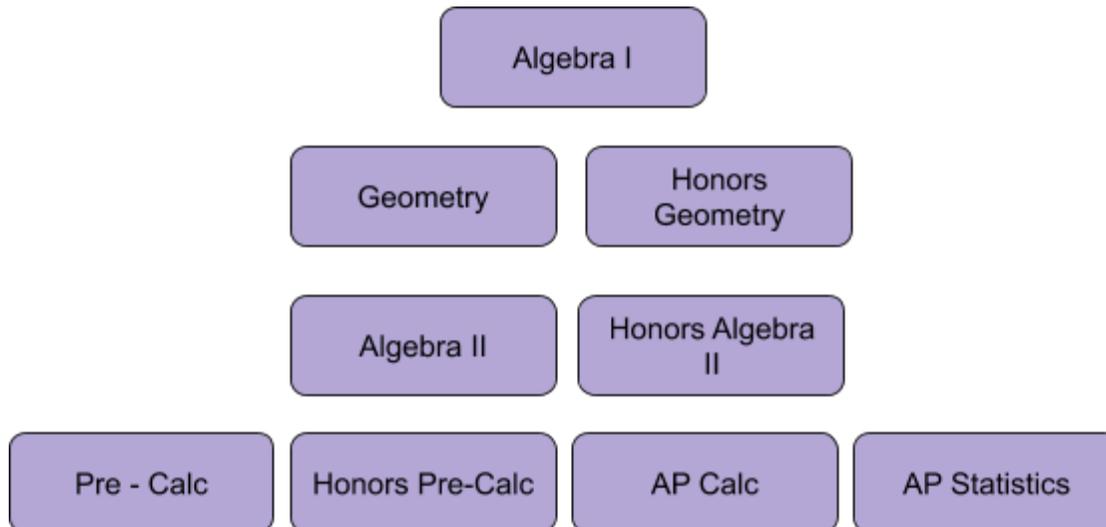
# MATHEMATICS

**Mission Statement:** The mission of the Palmyra-Eagle Math Department is to engage in the teaching and learning of mathematics that will challenge students to be independent learners and develop sound reasoning, problem-solving, and critical thinking skills necessary to be self-motivated life-long learners. While having a supportive environment for all to ensure students take pride and ownership in their education with a high level of accuracy, quality and responsibility.

<p><b>Careers:</b> Accountant Actuary Architect Carpenter Computer Programmer</p>	<p>Data Scientist/Analyst Construction Manager Electrician Engineer Financial Advisor</p>	<p>Machinist Market Researcher Medical Professional Teacher Video Game Designer</p>
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**Math Graduation Requirement: 3.0 Credits**

Course Title	Course Number	Length	Prerequisite Required	Year Taken
Algebra I	3401/3402	Year	No	9
Geometry	3501/3502	Year	Yes	10
Honors Geometry	3521/3522	Year	Yes	10
Algebra II	3601/3602	Year	Yes	11-12
Honors Algebra II	3621/3622	Year	Yes	11-12
Pre-Calculus	3701/3702	Year	Yes	11-12
Honors Pre-Calculus	3721/3722	Year	Yes	11-12
AP Calculus AB	3801/3802	Year	Yes	11-12
AP Statistics	3901/3902	Year	Yes	11-12

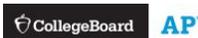


<p><b>Algebra I</b>            Year Long Course  <b>Credit: 1</b>  <b>Grades: 9</b>  <b>Prerequisite: No</b>            Course Number: 3401/3402</p>	<p>This course examines the language of algebra. It will help students organize their thoughts to solve mathematical problems that everyone meets from day to day. Class activities will include reading, working out daily assignments, discussing problems with the rest of the class, putting problems on the board and taking lecture notes. This course is required for admission to all University of Wisconsin system schools.</p>
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<p><b>Geometry</b>            Year Long Course  <b>Credit: 1</b>  <b>Grades: 10</b>  <b>Prerequisite: Algebra I</b>            Course Number: 3501/3502</p>	<p>This course consists of plane and solid geometry stressing the concepts of deductive reasoning, proof space geometry, and creative thinking. Class activities include reading, daily assignments, keeping a notebook of theorems, postulates, and definitions, working on constructions, formal proofs, and taking lecture notes. This course is required for admission to all University of Wisconsin system schools and most other universities.</p>
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<p><b>Honors Geometry</b> Year Long Course <b>Credit: 1</b> <b>Grades: 10</b> <b>Prerequisite: B or higher in Algebra I</b> Course Number: 3521/3522</p>	<p>This course will develop the skills and concepts taught in Geometry in greater depth and at an accelerated pace. For a student to be scheduled in Honors Geometry they must have an average letter grade of “B” or higher in Algebra I. Students are expected to meet and maintain the instructor’s performance criteria, and a meeting regarding student placement in this course will take place upon instructor recommendation.</p>
<p><b>Algebra II</b> Year Long Course <b>Credit: 1</b> <b>Grades: 11-12</b> <b>Prerequisite: Geometry</b> Course Number: 3601/3602</p>	<p>This course includes a review of skills from Algebra I. The emphasis is on learning equation solving and its application to the solution of word problems. Mathematical concepts are developed and used in practical situations. This course is required for admission to all University of Wisconsin system schools and most other universities.</p>
<p><b>Honors Algebra II</b> Year Long Course <b>Credit: 1</b> <b>Grades: 11</b> <b>Prerequisite: B or Higher in Geometry</b> Course Number: 3621/3622</p>	<p>This course will develop the skills and concepts taught in Algebra II in greater depth and at an accelerated pace. For a student to be scheduled in Honors Algebra II they must have an average letter grade of “B” or higher in Geometry. Students are expected to meet and maintain the instructor’s performance criteria, and a meeting regarding student placement in this course will take place upon instructor recommendation.</p>
<p><b>Pre-Calculus</b> Year Long Course <b>Credit: 1.0</b> <b>Grades: 11-12</b> <b>Prerequisite: Algebra II</b> Course Number: 3701/3702</p>	<p>This college-prep class should give the necessary background in a variety of mathematical skills needed to be successful in a beginning calculus class. This course is strongly recommended for college-bound students.</p>
<p><b>Honors Pre-Calculus</b> Year Long Course <b>Credit: 1</b> <b>Grades: 10-12</b> <b>Prerequisite: B or Higher in Algebra II</b> Course Number: 3621/3622</p>	<p>This course will develop the skills and concepts taught in Pre-Calculus in greater depth and at an accelerated pace. For a student to be scheduled in Honors Pre-Calculus they must have an average letter grade of “B” or higher in Algebra II. Students are expected to meet and maintain the instructor’s performance criteria, and a meeting regarding student placement in this course will take place upon instructor recommendation.</p>
<p><b>AP Calculus AB</b> Year Long Course  <b>Credit: 1</b> <b>Grades: 10</b> <b>Prerequisite: Pre-Calculus</b> Course Number: 3801/3802</p>	<p>AP Calculus AB is a year long class that covers all basic concepts of a college semester of Calculus in preparation for the AP Exam. Topics of study include but are not limited to: Limits, Differentiation and applications, Integration and applications, Transcendental Functions, Indeterminate Form, and L’Hôpital’s Rule. At the completion of the class, students will be encouraged, but not required, to take the AP Exam for college credit. If a student does not take the AP Exam, they will be required to do an alternate project.</p>

**AP Statistics**  
 Year Long Course  
**Credit: 1**  
**Grades: 11-12**  
**Prerequisite: Algebra II**  
 Course Number: 3901/3902



This one year course will introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. By taking this course, students will be prepared to take the AP Statistics exam. Most colleges grant credit for a passing score on the AP exam. Students are exposed to four broad conceptual themes: Exploring Data - describing patterns and departures from patterns; Sampling and Experimentation - planning and conducting a study; Exploring random phenomena using probability and simulation; Estimating population parameters and testing hypotheses. After the AP exam, a final project will allow students to show their understanding of Statistical concepts in a real-world setting. This is an AP course and as such is preparation for college, therefore homework and reading outside of class will be expected and will be counted as part of the formative grade. Summer coursework may be assigned. A graphing calculator is strongly encouraged. **Course can be taken concurrently with Pre-Calc or AP Calculus.**

## MUSIC

**Mission Statement:** The Palmyra-Eagle High School Music Departments strives to provide students with the skills they need to enjoy music for a lifetime. We will provide high quality instruction, connecting and aligning with the current State and National Standards. The Music Departments will provide opportunities for students to connect with communities and students, near and far, through festivals, clinics and field trips.

**Careers:**  
 Instrument Maker/Repair  
 Live Sound Engineer  
 Music Arrangement  
 Music Business/Management

Music Composition  
 Music Educator  
 Music Engraver  
 Music Journalist  
 Music Production/Technology

Music Publishing  
 Music Theatre  
 Music Therapist  
 Music Transcription  
 Professional Music Performer

Course Title	Course Number	Length	Prerequisite Required	Year Taken
Symphonic Band	7411/7412	Year	Yes	9-12
Jazz Ensemble	7421/7422	Year	Yes	9-12
Concert Choir	7601/7602	Year	No	9-12
Music Independent Study	7632	Year	No	11-12

**Symphonic Band**  
 Year Long Course  
**Credit: 1**  
**Grades: 9-12**  
**Prerequisite: Previous Band Experiences**  
 Course Number: 7411/7412

The Symphonic Band is made up of highly qualified woodwind, brass, and percussion performers. Members of this ensemble will work towards musical excellence with performances of challenging and important wind band repertoire. All students in the Symphonic Band are required to perform with the Marching Panthers and the Pep Band. Additional activities for this ensemble include but are not limited to three major concerts and other exciting field trips. Students in Symphonic Band also have opportunities to perform in various regional honors groups including All-Conference Honors Band. In addition to the honors bands, it is highly recommended that Symphonic Band members participate in the WSMA Solo and Ensemble Festival.

<b>Jazz Ensemble</b> Year Long Course <b>Credit: .5</b> <b>Grades: 9-12</b> <b>Prerequisite: Consent of Instructor</b> Course Number: 7421/7422	The Palmyra-Eagle Jazz Ensemble is a course that meets during Resource every day. Membership in this ensemble is open to any instrumentalist in the Symphonic Band and other students outside the program at the discretion of the instructor. The Jazz Ensemble performs three major concerts. Musical genres for this ensemble include swing, bebop, Latin, fusion, rock, and ballads.
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<b>Concert Choir</b> Year Long Course <b>Credit: 1</b> <b>Grades: 9-12</b> <b>Prerequisite: None</b> Course Number: 7601/7602	Choir is open to all students with an interest in vocal music performance. Many different styles of music are studied and performed throughout the year. Students are given instruction in the use of their voice both within the class and in lessons which are set up throughout the year. Students are also given instruction on music theory, aesthetics, musicology, and language pronunciation. Additional activities for this ensemble include, but are not limited to, four major concerts and other exciting field trips. Students in the Concert Choir also have opportunities to sing at community events and honors groups including the Trailways Conference Honors Choir, and the WSMA Solo and Ensemble Festival.
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<b>Music Independent Study</b> Semester Course <b>Credit: .5</b> <b>Grades: 11-12</b> <b>Prerequisite: None</b> Course Number: 7632	The Independent Study in Music offers students the opportunity to pursue special interests (vocal or instrumental) or research not available in regularly scheduled music courses. Examples include music theory, music technology, music composition or music history. A faculty member, who becomes the student's instructor for the independent course, must approve the proposed study and agree to provide continuing supervision of the work. Students must prepare a proposal for independent study. In the proposal, students must outline their interests, goals, and possible topics of study. Once the proposal is accepted, the student, instructor, and school counselor will decide which period the Independent Study will occur.
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## PHYSICAL EDUCATION & HEALTH

**Mission Statement:** The Palmyra-Eagle High School's Physical Education Program seeks to develop and improve skills in team and individual sports and activities in the lives of students. We will provide students of all abilities and interests with a foundation for sports, weightlifting and fitness experiences that will encourage active and healthy lifestyles beyond the school setting.

<b>Careers:</b> Athletic Director Athletic Trainer Coach College Professor Dietician/Nutritionist Early Childhood/Daycare Worker Fitness Instructor	Health Education Teacher Lifeguard Nursing Officiating Occupational Therapy Outdoor Wilderness instructor Personal Trainer	Physical Education Teacher Physical Therapist Special Olympics Coordinator/Director Wellness Coordinator Wilderness Specialist Yoga Instructor Youth Recreation Coordinator
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**Physical Education Graduation Requirement:  
1.5 Credits of Physical Education and .5 Credits of Health**

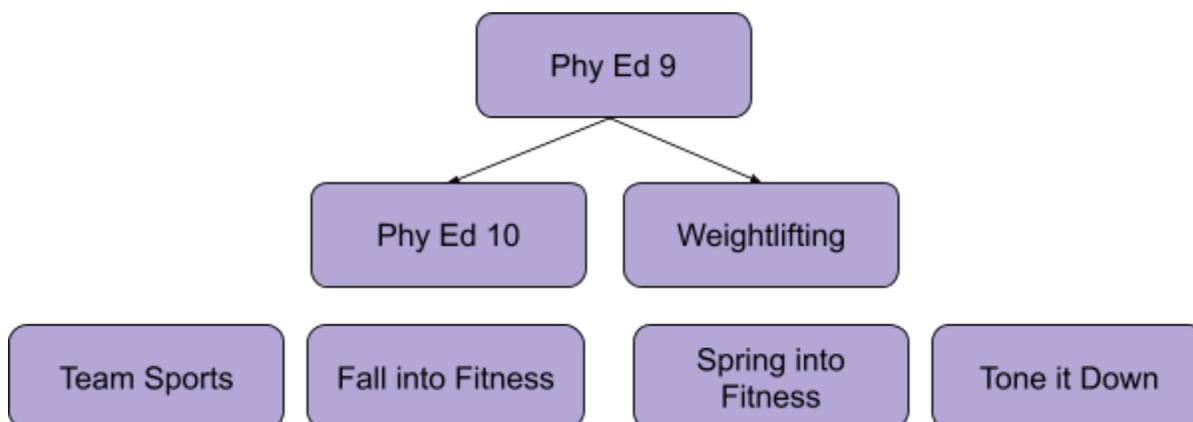
Specifications:

- 1.5 credits of Physical Education courses must be taken over a four year period

Course Title	Course Number	Length	Prerequisite Required	Year Taken
Phy Ed 9	8400	Semester	No	9
Phy Ed 10	8500	Semester	No	10
Weightlifting	8665	Semester	No	10-12
Team Sports	8600	Semester	No	11-12
Fall into Fitness	8611	Semester	No	11-12
Spring into Fitness	8662	Semester	No	11-12
Tone it Down	8610	Semester	No	11-12
Health	8420	Semester	No	9

**eDynamic Learning Courses**

Course Title	Length	Prerequisite Required	Prerequisite	Year Taken
Nutrition and Wellness	Semester	Yes	Health	10-12
Personal Fitness	Semester	Yes	Health	11-12



**Phy. Ed. 9**  
One Semester Course  
**Credit: .5**

Students will develop and improve skills in team and individual sports and activities. Emphasis will be placed on personal fitness, skill competency and proficiency, rules, teamwork, and sportsmanship.

<p><b>Grades: 9</b>  <b>Prerequisite: No</b>  Course Number: 8400</p>	
<p><b>Phy. Ed. 10</b>  One Semester Course  <b>Credit: .5</b>  <b>Grades: 10</b>  <b>Prerequisite: No</b>  Course Number: 8500</p>	<p>Students will continue to develop and improve skills in team and individual sports and activities. Emphasis will be placed on personal fitness, skill competency and proficiency, rules, teamwork, and sportsmanship.</p>
<p><b>Weightlifting/Speed, Plyometrics</b>  One Semester Course  <b>Credit: .5</b>  <b>Grades: 10-12</b>  <b>Prerequisite: No</b>  Course Number: 8665</p>	<p>Students will balance time between lifting weights and working on speed and plyometrics. Students who participate in sports will have the option to follow those weight/speed programs. Students who are not involved in sports will have a workout designed to fit their individual goals.</p>
<p><b>Team Sports</b>  One Semester Course  <b>Credit: .5</b>  <b>Grades: 11-12</b>  <b>Prerequisite: No</b>  Course Number: 8600</p>	<p>This class is designed for students interested in learning skills and strategies of team sports. Students will participate in different activities in a competitive game setting including tournaments during some units. Sports may include but are not limited to: basketball, football, handball, soccer, ultimate Frisbee, pickleball, badminton, and volleyball.</p>
<p><b>Tone it Down</b>  One Semester Course  <b>Credit: .5</b>  <b>Grades: 11-12</b>  <b>Prerequisite: No</b>  Course Number: 8610</p>	<p>Don't like the traditional ultra-competitive sports oriented PE class? Then sign up for TONE it DOWN. In this course, students will have the opportunity to take part in a daily fat-burning or body toning work-out designed to suit students with various fitness levels who <b>do not</b> like the competitiveness of the traditional sports centered physical education environment. Students will participate in workouts that focus on health-related fitness components: cardiorespiratory endurance, muscular strength/endurance, flexibility and body composition while participating in activities such as but not limited to ball/band resistance training, circuit training with no/low weights, fitness walking, Zumba dance, aerobics/step-Aerobics, yoga, Pilates and BOSU training. Students taking this course must be self-motivated, dedicated, and willing to work together as a group to help everyone achieve their goals and find success.</p>
<p><b>Fall into Fitness</b>  One Semester Course  <b>Credit: .5</b>  <b>Grades: 11-12</b>  <b>Prerequisite: No</b>  Course Number: 8661</p>	<p>The purpose of Fall into Fitness is to provide students of all abilities and interests with a foundation for sports, weightlifting and fitness experiences that will encourage active and healthy lifestyles beyond the school setting. Students will actively engage in activities that include weight training, circuit training, individual and team sports where the primary goal of fitness is emphasized in a less competitive environment than the Team Sports class. Fitness for Life 1 will be offered first semester. Activities include but are not limited to frisbee golf, tennis, softball, badminton, roller skating, bowling, and volleyball/eclipse ball. Some activities will require a fee dependent upon the number of students enrolled in class.</p>
<p><b>Spring into Fitness</b>  One Semester Course  <b>Credit: .5</b>  <b>Grades: 11-12</b>  <b>Prerequisite: No</b></p>	<p>The purpose of Spring into Fitness is to provide students of all abilities and interests with a foundation for sports, weightlifting and fitness experiences that will encourage active and healthy lifestyles beyond the school setting. Students will actively engage in activities that include weight training, circuit training, individual and team sports where the primary goal of fitness is emphasized in a less</p>

Course Number: 8662	competitive environment than the Team Sports class. Spring into Fitness will be offered second semester. Activities include but are not limited to: golf, soccer/foot golf, hiking/fitness walking, pickleball, roller skating, archery, and basketball. Some activities will require a fee dependent upon the number of students enrolled in class.
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<b>Health</b> One Semester Course <b>Credit: .5</b> <b>Grades: 9</b> <b>Prerequisite: No</b> Course Number: 8420	Health will provide the students with information necessary to develop the skills and motivation to take an active role in protecting, maintaining, and improving their health as well as learning how to determine the validity of health information in the media. Students are encouraged to establish positive lifestyle behaviors and goals. Students learn to enjoy the resulting total health benefits both now and throughout their lives.
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## SCIENCE

**Mission Statement:** The mission of the Palmyra-Eagle Science Department is to guide students along their path to becoming informed citizens possessing a functional understanding of the sciences and scientific method of problem solving. To achieve this mission our students will use scientific reasoning and thinking skills to solve problems, communicate effectively, work cooperatively and use technology to work towards the goals of becoming lifelong learners capable of succeeding in higher education and the workforce.

<b>Careers:</b> <u><b>Science, Technology, Engineering &amp; Math</b></u> Aerospace Agriculture Biological Research Data Analyst Environmental Scientist/ Engineer	Firefighter Lab Chemist Landfill Power Distribution Water/Wastewater treatment	<u><b>Health Sciences</b></u> Biomedical Engineer Health Care (nurse, doctor, veterinary, tech) Pharmacology
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**Science Graduation Requirement: 3.0 credits that includes: Biology, Chemistry or Honors Chemistry, Physics or .5 Science Survey and .5 additional science credit.**

Course Title	Course Number	Length	Prerequisite Required	Year Taken
Biology	4501/4502	Year	No	9-12
Chemistry	4601/4602	Year	Yes	10-12
Honors Chemistry	4611/4612	Year	Yes	10-12
Science Survey	4621	Semester	No	11-12
Physics	4701/4702	Year	No	10-12
AP Biology (odd years, offered in 2020-21)	4551/4552	Year	Yes	10-12
AP Environmental Science (even years, offered in 2020-21)	4801/4802	Year	Yes	10-12
AP Chemistry	4301/4302	Year	Yes	11-12

Medical Terminology (transcribed credit)	4510	Semester	No	11-12
Anatomy & Physiology	4520	Semester	No	11-12

### SCIENCE - eDynamic Learning Courses

Course Title	Length	Prerequisite Required	Prerequisite	Year Taken
Astronomy 1a: Introduction	Semester	No		9-12
Astronomy 1b: Exploring the Universe	Semester	Yes	Astronomy 1a	10-12
Forensic Science 1: Secrets of the Dead	Semester	Yes	Biology	10-12
Forensic Science 2: More Secrets of the Dead	Semester	Yes	Forensic Science 1	10-12
Marine Science: Secrets of the Blue	Semester	Yes	Biology	10-12

### HEALTH SCIENCE eDynamic Learning Courses

Course Title	Length	Prerequisite Required	Prerequisite	Year Taken
Anatomy & Physiology 1b: Discovering Form and Function	Semester	Yes	Anatomy & Physiology	11-12
Health Science Foundations 1a: Introduction	Semester	Yes	Biology	10-12
Health Science Foundations 1b: Professional Responsibilities	Semester	Yes	Health Science Foundations 1a: Introduction	11-12
Health Science: Public Health	Year	Yes	Biology	10-12
Health Science: Nursing	Year	Yes	Biology	10-12
Health Sciences: The Whole Individual	Semester	Yes	Biology	10-12
Health Sciences 2: Patient Care and Medical Services	Semester	Yes	Health Sciences: The Whole Individual	11-12

**Biology**  
Year Long Course  
**Credit: 1**  
**Grades: 9-12**  
**Prerequisite: No**  
Course Number: 4501/4502

This course focuses on understanding life and life processes from the simplest to the most complex levels of biological organization. While covering these themes, a variety of examples from the five kingdoms of organisms are used with appropriate laboratory exercises and equipment.

**Chemistry**  
Year Long Course  
**Credit: 1**  
**Grades: 10-12**  
**Prerequisite: Biology**  
Course Number: 4501/4502

Chemistry will meet the needs of students who may plan on going to college but do not intend to pursue a science-related major. This class is lab-based and provides a solid framework of basic chemical concepts, but in a less math-intensive manner than honors chemistry. This class *is not* designed to prepare students for college chemistry.

<p><b>Honors Chemistry</b> Year Long Course <b>Credit: 1</b> <b>Grades: 10-12</b> <b>Prerequisite: Biology &amp; Algebra I</b> Course Number: 4601/4602</p>	<p>This is a <i>math-intensive</i> chemistry class designed to prepare students for college-level chemistry. Units covered include, but are not limited to, gas laws, chemical quantities, thermochemistry, oxidation-reduction, and solutions. Students will perform several lab investigations and gain experience in writing lab reports. This course is not limited to college science majors. Any student with a strong math and science background would be encouraged to take this course.</p>
<p><b>Science Survey</b> Year Long Course <b>Credit: 1</b> <b>Grades: 11-12</b> <b>Prerequisite: No</b> Course Number: 4621/4622</p>	<p>A class designed to help students meet Wisconsin state science standards not covered in biology or chemistry classes. Students will explore principles of physics including, but not limited to, forces, Newton's laws of motion, and properties of light and sound. Some attention will be given to chemistry and life and earth science, but the primary focus will be a conceptual examination of physics.</p>
<p><b>Physics</b> Year Long Course <b>Credit: 1</b> <b>Grades: 10-12</b> <b>Prerequisite: No</b> Course Number: 4701/4702</p>	<p>Learn why the world runs like it does. What is gravity? Why do the planets orbit the sun? How do objects move? Why do they expand when heated? Who are the scientists behind all these phenomena? Learn many of these interesting facts in the classroom and in the lab. Required for 4 year college-bound students who want to be competitive for admission.</p>
<p><b>AP Biology</b>  Year Long Course <b>Credit: 1</b> <b>Grades: 10-12</b> <b>Prerequisite: Biology</b> Course Number: 4551/4552</p>	<p>The Advanced Placement Biology program provides able and motivated students with the opportunity to pursue an introductory college-level course while still in secondary school. AP Biology includes those topics regularly covered in a college biology course through the use of a college textbook and twelve in depth laboratory investigations. Tests will consist of multiple choice and essay questions. Upon completion of the course, students are encouraged to take the Advanced Placement Exam, but not required. Successful completion of the exam would enable students to obtain credit and/or placement at the majority of colleges in the United States. <b>(SUMMER WORK IS REQUIRED) Offering every other year – odd years.</b></p>
<p><b>AP Environmental Science</b>  YearLong Course <b>Credit: 1</b> <b>Grades: 10-12</b> <b>Prerequisite: No</b> Course Number: 4801/4802</p>	<p>The solution for pollution is dilution, OR IS IT? This course will examine fundamental natural ecosystem concepts and then relate man's progressive activities and thinking to these ecosystems. Lectures, labs, videos, and field trips will be part of the class. A major paper or project will be required. <b>(SUMMER WORK IS REQUIRED) Offering every other year – even years.</b></p>
<p><b>AP Chemistry</b>  Year Long Course <b>Credit: 1</b> <b>Grades: 11-12</b> <b>Prerequisite: Honors Chemistry</b> Course Number: 4301/4302</p>	<p>This is a first year college chemistry class utilizing a college chemistry text. The objective is to prepare students for the AP chemistry exam in early May. The class includes several lab activities requiring formal lab reports and will require outside of class reading. <b>(SUMMER WORK IS REQUIRED)</b></p>

## HEALTH SCIENCES

### **Medical Terminology (TC)**

Semester Long Course

**Credit: .5**

**Grades: 11-12**

**Prerequisite: No**

Course Number: 4510

This course will provide students entering the healthcare profession with skills to learn medical terminology easily and quickly. Students will develop an understanding of medical terminology by breaking related words into prefixes, root words, and suffixes. Practice the formation, analysis, and reconstruction of terms, and learn correct spellings, definitions, and pronunciations. Become familiar with the operative, diagnostic, therapeutic and symptomatic terminology of all body systems and surgical terminology. Those students interested in a profession such as nursing, physical therapy, physical education, pharmacy, and public health are introduced to the concepts upon which further study may possibly lead to a life's vocation. **Minimum course fee \$20 for online textbook.**

### **Anatomy and Physiology**

One Semester Course

**Credit: .5**

**Grades: 11-12**

**Prerequisite: No**

Course Number: 4520

Explore fundamental concepts of human anatomy and physiology as they relate to the health sciences. Use a body systems approach to discover the interrelationships between structure and function at the gross and microscopic levels of organization in the human body. Develop the ability to apply the basic concepts of whole body anatomy and physiology to decision making and communication with others. This course would be recommended for students who want to prepare themselves for work in the areas of college biology, the medical fields, pharmacy, physical therapy, or other health related occupations.

## SOCIAL STUDIES

**Mission Statement:** The mission of the Palmyra-Eagle Social Studies Department is to to prepare students to be competent, analytical, empathetic and engaged global citizens, able to communicate in a diverse world

### **Careers:**

Aging Studies - financial planning, housing, nursing, nutrition, activities director, counseling, creative arts, industrial and product design, travel programs, social work, education, law, pharmacy, retirement planning, transportation, architectural services, banking, public relations/media, area planning and coordination

Anthropology - Archaeology, Linguistics, Forensics

Economics - Actuarial, economist, financial analyst, bank officer, appraiser, financial reporter, investment analyst, consultant in business or government, auditor, teacher or professor

Environmental Studies - ecologist or environmental manager, water resources or land use planner, forestry technician, industrial developer, hazardous waste planner

Geography/Urban Planning - cartographer, travel agent, geographic information systems (GIS), market researcher, international business, satellite/aerial photo analyst, emergency hazards management, location analyst, remote sensing, health, environmental, transportation, housing, land use, project development, urban design, neighborhood, and comprehensive planning areas in developed and developing country contexts

Historical research - Museum studies, Records/Archival research  
Human Services - Negotiation/Conflict Resolution, Social Work, Public Policy  
International Affairs - Diplomacy, United Nations/Country & Issue studies, foreign service officer, economic developer, intelligence analyst, political risk analyst,

Legal Studies - Police, Lawyer/Paralegal  
Politics & Political Science - Candidate/appointee, Lobbyist, Communications/Social Media, Strategist/Campaign Manager, political history archivist, public and private researcher, urban planner, customs agent or inspector, labor relations specialist, governmental relations, pre-law, veterans' claims representative, foreign service officer, pollster, lobbyist, political aide  
Public Administration - manager of a wide range of government organizations, manager of nonprofit organizations, management analyst, program evaluator, purchasing specialist, HRM specialist, budget specialist, emergency management specialist, policy researcher  
Sociology - criminologist, community organizer, corrections officer, market research analyst, statistician, opinion

	research and educational assistant, journalist <u>Interdisciplinary Social Studies</u> - social studies teacher, management trainee, research analyst, probation officer, federal service worker, legislative aide, assistant planner, administrator, public agencies and government	pollster, management trainee, government agencies at all levels, industrial sociologist, child welfare, case worker, demographer
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**Social Studies Graduation Requirement: 3.0 Credits**

Course Title	Course Number	Length	Prerequisite Required	Year Taken
Western Civilization	2401/2402	Year	No	9
US History I	2501/2502	Year	No	10
US History II	2601/2602	Year	No	11
Psychology	2801	Semester	No	10-12
Political Science	2861	Semester	No	10-12
Sociology	2852	Semester	No	11-12
Social Issues	2821/2822	Year	No	11-12
AP Psychology	2881/2882	Year	Yes	11-12
AP US History	2521/2522	Year	No	10-12

**eDynamic Learning Courses**

Course Title	Length	Prerequisite Required	Prerequisite	Year Taken
African American History	Semester	Yes	US History I	11-12
Anthropology 1a: Uncovering Human Mysteries	Semester	Yes	Western Civ	10-12
Human Geography: Our Global Identity	Semester	Yes	Western Civ	10-12
Philosophy: The Big Picture	Semester	Yes	Western Civ & US History I	11-12
Women’s Studies: A Personal Journey Through Film	Semester	Yes	Western Civ	10-12
Criminology	Semester	Yes	Western Civ & US History I	11-12
Early Childhood Education 1a: Introduction	Semester	Yes	Western Civ & US History I	11-12
National Security	Semester	Yes	Western Civ & US History I	11-12

Human and Social Services 1: Introduction	Year	Yes	Western Civ & US History I	11-12
Careers in Criminal Justice	Semester	Yes	Western Civ & US History I	11-12
Law and Order: Introduction to Legal Studies	Semester	Yes	Western Civ & US History I	11-12
Principles of Public Service: To Serve & Protect	Semester	Yes	Western Civ & US History I	11-12

<b>Western Civilizations</b> Year Long Course <b>Credit: 1</b> <b>Grades:</b> <b>Prerequisite: No</b> Course Number: 2401/2402	Our focus will be on the development of selected cultures and civilizations from the Renaissance period to the present, with an emphasis placed on western civilizations. The course will include the study of selected topics and events in critical times, the people who influenced the course of history, and the impacts of geography on history. We will also cover current events from around the world.
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<b>US History I</b> Year Long Course <b>Credit: 1</b> <b>Grades:</b> <b>Prerequisite: No</b> Course Number: 2501/2502	This course surveys United States history from the American Revolution until World War I. Emphasis is placed on major themes of U.S. history such as the role of government, equality, and expansion. Additional attention is directed at economic issues in the United States and preparation for passing the Civics Test that is required for graduation. Students can take AP US History to replace US History I.
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<b>US History II</b> Year Long Course <b>Credit: 1</b> <b>Grades:</b> <b>Prerequisite: No</b> Course Number: 2601/2602	U. S. History II is designed to enable students to comprehend and explain how economics have dramatically impacted the growth and development of the United States. Key macro and microeconomic principles will be analyzed through the lens of major historical events. Students will be exposed to various people’s revolutions and movements that have helped to shape the United States society. Class activities include economic simulations, discussion, and debate of events that have led to the United States being referred to, by some historians, as the melting pot.
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<b>Psychology</b> Semester Course <b>Credit: .5</b> <b>Grades: 10-12</b> <b>Prerequisite: No</b> Course Number: 2801	This course is designed to provide a solid foundation in the basic theories and principles of psychology, which has grown to be known as the science of human and animal behavior. Additionally, this course guides students toward a greater understanding of their own capacity for growth.
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<b>Political Science</b> Semester Course <b>Credit: .5</b> <b>Grades: 11-12</b> <b>Prerequisite: No</b> Course Number: 2861	Political Science students will receive an overview of the government through the study of the political process. Current political topics, elections, and events will be incorporated into students’ examination of decision making processes used by various levels and forms of government. Students will analyze the governmental structure at the county, state and federal level. Additionally, the division of powers, the system of checks and balances, and the role and function of political parties will be analyzed. This course will expand upon the philosophy of the democratic processes and the rights, duties, and responsibilities of its citizens.
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<b>Sociology</b> Semester Course <b>Credit: .5</b> <b>Grades: 11-12</b>	This course is a perspective that looks at familiar living patterns in a new and interesting manner. Emphasis is on the scientific method of analyzing group behavior. Sociological research methods, the functioning of social institutions and effects of social inequalities on our culture are broad areas which will be woven
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<p><b>Prerequisite: No</b> Course Number: 2852</p>	<p>throughout the course content. This course is structured for the college bound student interested in scholarly investigation and in improving communication skills in both the verbal and written areas.</p>
<p><b>Social Issues</b> Semester Course <b>Credit: .5</b> <b>Grades: 11-12</b> <b>Prerequisite: No</b> Course Number: 2852</p>	<p>Social Issues focuses on issues currently facing United States society. Policy decisions needed in resolving societal problems such as violence, multi-cultural tension, changing family patterns, teen alienation, and health care needs may be among the topics studied. The course is directed to both college and non-college bound students interested in responsible social decision-making. Active participation and writing are required.</p>
<p><b>AP Psychology</b> Year Long Course  <b>Credit: 1</b> <b>Grades: 11-12</b> <b>Prerequisite: Psychology</b> Course Number: 2881/2882</p>	<p>This course is offered to qualified students who wish to complete studies equivalent to an introductory college course in psychology. This course will introduce students to the systematic and scientific study of the behavior and mental processes of human beings and animals. Students will be exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. Methods psychologists use to explore the processes involved in normal and abnormal perceptions, thoughts, feelings, and actions will also be presented to the learners. College credit and/or advanced placement may be obtained by those students who score a 3, 4, or 5 on the Advanced Placement Psychology Examination. Students are expected to meet higher performance levels including extensive reading, writing, class participation, and discussion. <b>SUMMER WORK IS REQUIRED.</b></p>
<p><b>AP US History</b> Year Long Course  <b>Credit: 1</b> <b>Grades: 10-12</b> <b>Prerequisite: No</b> Course Number: 2521/2522</p>	<p>This class is a college-level chronological study of United States history from exploration to the present. This course is designed for highly motivated students who will have the opportunity to take the Advanced Placement College exam. College credit and/or advanced placement may be obtained by those students who score a 3, 4, or 5 on the Advanced Placement American History Examination. Students are expected to meet higher performance levels including extensive reading, writing, class participation, and discussion. Students will write position papers and historical reviews. <b>SUMMER WORK IS REQUIRED.</b></p>

# TECHNOLOGY EDUCATION

**Mission Statement:** The mission of PEASD's Career and Technical Education program is to offer students quality instructional opportunities in both academic and career oriented programs of study to successfully prepare students for the challenges of post secondary education and the workforce.

## Careers:

Animator  
 Architect (interior, exterior and landscape)  
 Art Director  
 Automotive Technician  
 Carpenter (construction trades)  
 CNC Machinist

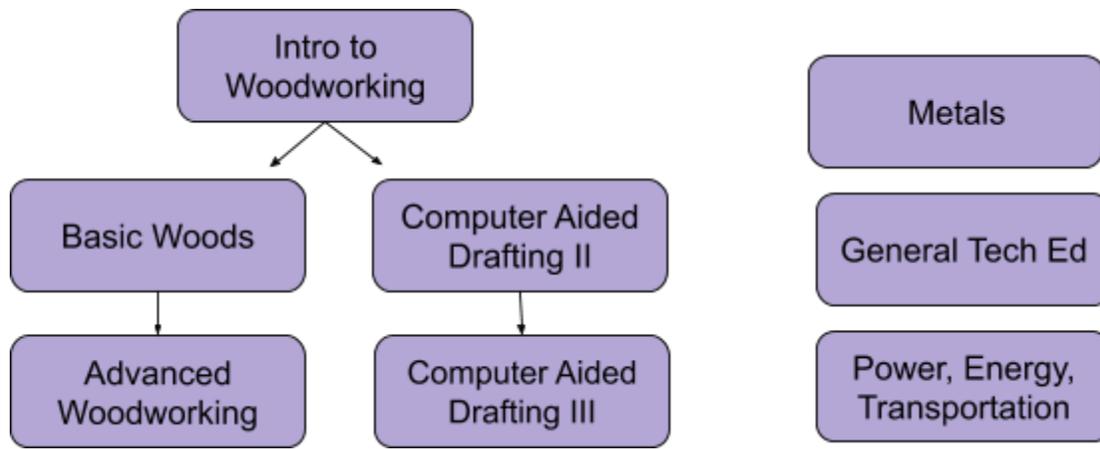
Electrician  
 Engineer (mechanical, structural, electrical, civil, environmental, etc.)  
 Graphic Designer  
 Illustrator  
 Maintenance Technician  
 Millwork

Photographer  
 Plumber  
 Press Operator  
 Robotic Programmer  
 Tool and Die Making  
 Video Editor  
 Web Designer  
 Welder/Fabricator/Fitter

Course Title	Course Number	Length	Prerequisite Required	Year Taken
Intro to Woodworking	5501	Semester	No	9-12
Basic Woodworking	5502	Semester	Yes	9-12
Advanced Woodworking	5651/5612	Semester	Yes	10-12
General Tech Ed (geared to females)	5671/5672	Year	No	9-12
Power, Energy & Transportation	5800	Semester	No	9-12
Metals	5601	Semester	No	9-12
Computer Aided Drafting II	5431	Semester	Yes	9-12
Computer Aided Drafting III	5441	Semester	Yes	10-12
Robotics	9100	Semester	No	9-12

## eDynamic Learning Courses

Course Title	Length	Prerequisite Required	Prerequisite	Year Taken
Manufacturing: Product Design and Innovation	Semester	Yes	.5 Tech Ed	11-12
Applied Engineering 1a	Semester	Yes	.5 Tech Ed	11-12



<p><b>Intro to Woodworking</b> Semester Course <b>Credit: .5</b> <b>Grades: 9-12</b> <b>Prerequisite: No</b> Course Number: 5501</p>	<p>This course will introduce students to CAD and the basics of woodworking. Students will be taught the safety procedures for using all equipment in the wood shop. Students will then follow plans to create basic projects that will gain them the skills needed to move on to more complex projects of their choosing. Students will also be able to use the CAD program to draw and design their own projects going forward.</p>
<p><b>Basic Woodworking</b> Semester Course <b>Credit: .5</b> <b>Grades: 9-12</b> <b>Prerequisite: Intro to Woodworking with grade of a C or higher</b> Course Number: 5502</p>	<p>The woodshop portion of the year is aimed at basic power tool skills and measurement. Skills on the different machines are acquired by different types of test pieces and student projects. Steps in gluing and squaring of wood are covered. Time is also spent on wood preparation and wood finishing. In the second semester, students will explore the processes of manufacturing and production. More important than anything else though, is the time spent on safety in the shop and the learning of self-discipline one needs to avoid injury.</p>
<p><b>Advanced Woodworking</b> Semester Course <b>Credit: .5</b> <b>Grades: 10-12</b> <b>Prerequisite: Basic Woodworking with a grade of a C or higher</b> Course Number: 5651/5651</p>	<p>The basic skills and safety on the machines are refined. This is more of an independent study class. Students will do one required project and then build a project of their choice. They must make a drawing of the project, develop a proper plan of procedures for the project, and finish the project in an agreed amount of time. A major paper or project is required. Students are expected to pay for all materials used. <b>Can be taken more than once for credit.</b></p>
<p><b>General Tech Ed</b> Year Long Course <b>Credit: 1</b> <b>Grades: 9-12</b> <b>Prerequisite: No</b> Course Number: 5671/5672</p>	<p>This course is intended to give individuals a chance to explore a variety of topics in technology education including, woodworking, metalworking, small engine repair and maintenance, and furniture creation, repair, and restoration. Students will spend the first semester learning and exploring each of the topics and disciplines and the second semester will give students the opportunity to work on projects of their choosing in any of the areas covered. Students will be expected to pay for any wood, metal, or repair parts used in each project. <b>Students who wish to continue in woodworking will take Basic Woodworking and/or CAD II.</b></p>
<p><b>Power, Energy, &amp; Transportation</b> Semester Course <b>Credit: 1</b> <b>Grades: 11-12</b> <b>Prerequisite: No</b> Course Number: 5800</p>	<p>This class will allow students to explore interests and learn about career opportunities. Power, Energy, and Transportation is considered a good first choice for those interested in other technology offerings. Students begin with a small engine lab where students will learn about the four-stroke and two-stroke cycle internal combustion engine and actually tear down, measure, inspect and rebuild a variety of four-stroke and two-stroke engines newer Briggs and Stratton engines. The second quarter involves the exploration of alternative energy sources and their</p>

	application in today's transportation industry design and construction of flying vehicles and rocket launches, mousetrap vehicles and other exciting projects.
<b>Metals</b> Semester Course <b>Credit: .5</b> <b>Grades: 9--12</b> <b>Prerequisite: Intro to Woodworking</b> Course Number: 5601	This course is a study of techniques. Time is spent on machining metals, welding, and working metal by hand. After completion of the required work, each student may work on individual projects. Time is divided between lecture, written work and work in the lab. A major paper or project is required.
<b>Comp. Aided Drafting II</b> Semester Course <b>Credit: .5</b> <b>Grades: 10-12</b> <b>Prerequisite: Intro to Woodworking</b> Course Number: 5431	This course is a continuation of CAD I and meant to prepare the student for a career in, therefore, the drawings are more complex and require higher-level thinking. Students will be asked to create blueprints including floor plans as well as exterior elevation views of a house.
<b>Comp. Aided Drafting III</b> Semester Course <b>Credit: .5</b> <b>Grades: 11-12</b> <b>Prerequisite: CAD II</b> Course Number: 5441	The purpose of this class will be to learn how to create 3-dimensional models and explore the 3d viewing and creating capabilities of AutoCAD 2015
<b>Intro to Robotics</b> Semester Course <b>Credit: .5</b> <b>Grades:9-12</b> <b>Prerequisite: No</b> Course Number: 9100	Introduction to programming through the use of project-based educational robotics activities. Working in groups of two you will plan, build, program, and test several LEGO Mindstorm EV3 robots. Mini challenges will be presented for students to practice skills while Unit Challenges will demonstrate their mastery of the concept.

## WORLD LANGUAGE

**Mission Statement:** The World Language Department believes that our students can acquire a new language and be successful while learning about a new culture in order to cultivate cultural competency.

<b>Careers:</b> <i>Although all careers can benefit from World Language skills, here are some specific areas where World Languages are especially beneficial.</i>	Diplomacy Education Engineering Environmental Fields Hospitality/Tourism	Journalism Legal System Manufacturing Medical Field Retail/Trade
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## FRENCH

Course Title	Course Number	Length	Prerequisite Required	Year Taken
French I	6881/6882	Year	No	9-12
French II	6891/6892	Year	Yes	10-12
French III	6901/6902	Year	Yes	11-12
French IV	6911/6912	Year	Yes	12

## SPANISH

Course Title	Course Number	Length	Prerequisite Required	Year Taken
Spanish I	6801/6802	Year	No	9-12
Spanish II	6821/6822	Year	Yes	10-12
Spanish III	6831/6832	Year	Yes	11-12
Spanish IV	6841/6842	Year	Yes	12

### Spanish I

Year Long Course

**Credit: 1**

**Grades: 9-12**

**Prerequisite: No**

Course Number: 6801/6802

This course is designed to introduce students to speaking, listening, reading, and writing in the Spanish language. Students will be able to ask and answer questions, engage in conversations, read and analyze authentic texts, and write short paragraphs in the present and simple future tenses in Spanish. Activities are varied to match different learning styles and include pair, group, and individual work, skits, special projects, and games to enhance learning. Cultural connections and comparisons will be made as they relate to today's global community through the study of self, hobbies, school, food, family, and clothing. Various Spanish-speaking cultures are emphasized through the use of film and current events.

### Spanish II

Year Long Course

**Credit: 1**

**Grades: 10-12**

**Prerequisite: Spanish I**

Course Number: 6821/6822

This course is designed to further develop Spanish language competency in the areas of speaking, listening, reading, and writing. Students will be able to ask and answer questions, engage in more extended conversations, read and analyze authentic texts, and write in the present, simple future, and past tense in Spanish. Cultural connections and comparisons will be made as they relate to today's global community through the study of the shopping, the city, the home, parties and celebrations, sports, and technology. Various Spanish-speaking cultures continue to be explored through the use of film and current events.

### Spanish III

Year Long Course

**Credit: 1**

**Grades: 11-12**

**Prerequisite: Spanish II**

Course Number: 6831/6832

This course is designed to continue to expand the student's fluency in the Spanish language and culture through various speaking, listening, reading, and writing activities. Students will be able to ask and answer more in-depth questions, engage in extended conversations, read authentic Spanish texts, and write in the present, future, and multiple past tenses. Cultural connections and comparisons will be made relevant to today's global community through the study of sports, technology, health, vacations, professions, and story-telling. Various Spanish-speaking cultures continue to be explored through the use of film and current events.

<p><b>Spanish IV</b> Year Long Course <b>Credit: 1</b> <b>Grades: 12</b> <b>Prerequisite: Spanish III</b> Course Number: 6841/6842</p>	<p>Level IV Honors students are expected to understand and apply advanced grammar. Students prepare for post-secondary language courses and placement exams. Students will develop an awareness of idiomatic aspects of the language. Students review grammar tenses and explore the subtle details of higher-level language study. More in-depth analysis of culture is an integral part of this course. Literature, such as poetry and short stories, will figure into the course content. Students are expected to demonstrate their knowledge about many Spanish-speaking countries. Skits and other oral presentations are an integral part of developing oral proficiency. Art and music are an important component in this final year of study.</p>
<p><b>French I</b> Year Long Course <b>Credit: 1</b> <b>Grades: 10-12</b> <b>Prerequisite: No</b> Course Number: 6881/6882</p>	<p>This course is designed to introduce students to speaking, listening, reading, and writing in the French language. Students will be able to ask and answer questions, engage in conversations, read simple passages, and write short paragraphs in the present and simple future tenses in French. Activities are varied to match different learning styles and include pair and individual work, skits, special projects, and games to enhance learning. Cultural connections and comparisons will be made as they relate to today's global community through the study of self, family, free time activities, and school. Francophone culture is emphasized through the use of film and current events with a special emphasis on Paris, France.</p>
<p><b>French II</b> Year Long Course <b>Credit: 1</b> <b>Grades: 10-12</b> <b>Prerequisite: French I</b> Course Number: 6891/6882</p>	<p>This course is designed to further develop French language competency in the areas of speaking, listening, reading, and writing. Students will be able to ask and answer questions, engage in more extended conversations, read short passages, and write in the present, simple future, and past tense in French. Cultural connections and comparisons will be made as they relate to today's global community through the study of clothing, home, and community life. Francophone culture continues to be explored through the use of film and current events with a special emphasis on Dakar, Senegal.</p>
<p><b>French III</b> Year Long Course <b>Credit: 1</b> <b>Grades: 11-2</b> <b>Prerequisite: French II</b> Course Number: 6901/6902</p>	<p>This course is designed to continue to expand the student's fluency in the French language and culture through various speaking, listening, reading, and writing activities. Students will be able to ask and answer more in-depth questions, engage in extended conversations, read simple authentic French literature, and write in the present, future, and multiple past tenses. Cultural connections and comparisons will be made relevant to today's global community through the study of food, childhood, and daily routines. Francophone culture continues to be explored through the use of film and current events with a special emphasis on Montreal and Quebec, Canada.</p>
<p><b>French IV</b> Year Long Course <b>Credit: 1</b> <b>Grades: 12</b> <b>Prerequisite: French III</b> Course Number: 6911/6912</p>	<p>This course is designed to further refine a student's spiral learning track toward proficiency in the French language and culture through increasingly intensive speaking, listening, reading, and writing activities. Students expand vocabulary in many subject areas and are encouraged to communicate more creatively in the target language by means of classroom presentations and analysis of authentic French literature. Students will read literary works in prose, poetry, and drama to develop analytical skills. Advanced grammatical structures will be introduced and students will be expected to engage in classroom discussions, presentations, and group work in French as they prepare for post-secondary language courses and placement exams. More in-depth analysis of Francophone culture is part of this course through the use of film, literature, and current events.</p>