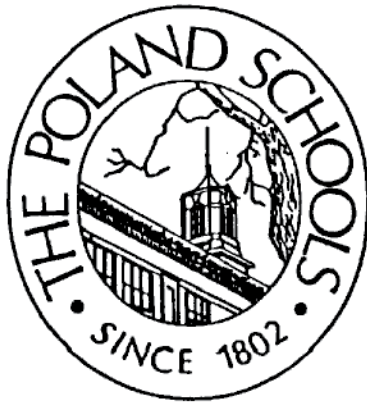


POLAND SEMINARY

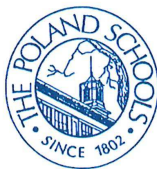


GRADES 9-12  
ACADEMIC BULLETIN

2023 - 2024

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*... a tradition of excellence*

To Poland Seminary Students and Parents:

Course offerings in this booklet are created by determining the needs of our Poland Seminary students and community, State of Ohio guidelines, and the expertise of the faculty, administration, and staff. We are constantly updating the course selections by adding and, in some cases, deleting courses so that the needs of our students are given the utmost priority.

To ensure the highest degree of success and satisfaction in the process of course selection, our students are encouraged to involve parents, teachers and guidance counselors. Final course selection should be a collaborative effort so that future goals, plans, and graduation requirements are fulfilled.

Please do not hesitate to contact any Poland Seminary staff member with your questions and/or concerns regarding the course selection process. We are here to assist parents and students throughout this important decision-making time.

Respectfully,

Kevin J. Snyder, Principal

Poland Seminary

330-757-7018, Ext. 4 (Office)

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## GRADUATION REQUIREMENTS

English	4 credits
Math	4 credits (Algebra I taken in 8 <sup>th</sup> grade counts in cumulative credits and gpa)
Science	3 credits (Must include 1 unit of a physical science, 1 unit of a life science, and 1 unit of an advanced science.)
Social Studies	3 credits (World History, American History & US Government + .5 elective)
Health	.5 credit
Phys Ed	.5 credit
Electives	6 credits

TOTAL 21 CREDITS

New Ohio Core mandates that:

- Math units include Algebra 2 or equivalent
- All students must receive instruction in economics/financial literacy during grades 9 – 12. Students must complete 2 semesters of fine arts in grades 7 -12.

**Students must successfully complete one of Ohio’s Pathways to an Ohio Diploma. Information may be found at the following site: [education.ohio.gov/topics/ohio-s-Graduation-Requirements](http://education.ohio.gov/topics/ohio-s-Graduation-Requirements).**

### Required Release of Information to Armed Services

According to recent Federal legislation, we are required to release the names, addresses, and phone numbers of all juniors and seniors to U. S. Armed Forces military recruiters. Parents may “opt out” of this mandatory release of information by notifying the Guidance Office via phone call or in writing by September 15 of the student’s junior year.

## POLICIES

1. **All students must be enrolled in five (5) classes each semester. Students must also be enrolled in classes that will earn at least 5.0 credits each year.**

However, a student must average 5.25 credits per year to meet graduation requirements of 21 credits.

2. **Early Graduation**

Ohio Department of Education requirements will be followed.

3. **Drop/Add**

A student may add any subject from the first through the tenth day of the semester. Students may drop a subject during the initial grading period of the class, with agreement of counselor and parents. Any subject dropped following the initial grading period will be considered failed and a mark of “WF” will be recorded. This “WF” will be included in the calculation of grade point average.

4. **Request for level change**

- A comprehensive effort is made to schedule students appropriately based on pre-requisite coursework, teacher recommendation, and small group/individual counseling sessions. The construction of an efficient master schedule to effectively meet the needs of our ever changing student body is based on this essential data. An exception to the following procedures will be administrative/team decisions based on erroneous placement and/or clerical error.
- Level change requests will be evaluated between the midpoint and **end of the first grading period.**
- **Level changes are permanent.** By requesting a level change, the student is declaring the *coursework* to be inappropriate for the student's abilities. The student is also declaring that he/she would be better suited for the college prep/advanced track within a particular subject area.

5. **Repetition of Courses**

If a student receives a final grade of "D" or "F" in a course, he/she may petition to retake the course here at Poland Seminary High School. The higher grade received will be used to compute the student's cumulative grade point average. However, the course credit will only be awarded once toward graduation requirements. If the course is repeated in summer school, the summer school grade and the original grade will both be included when calculating cumulative grade point average. Again, only one credit will be awarded toward graduation requirements.

6. **Class Rank**

Class rank is computed for all students at the end of each year. The rank is determined by the student's grade point-average for all academic subjects. Only final grades are used for this purpose. All letter grades are converted to the following point system for class rank purposes. A=4, B=3, C=2, D=1, and F=0.

If a student wishes to remove class rank from his/her transcript, they must contact the guidance department. Both student and parent must sign the proper forms. Please see your Guidance Counselor to discuss this.

7. **Summer School**

Pupils in grades 9 through 12 may attend a summer school of their choice outside the district with prior approval of the P.S.H.S. principal as to the acceptability or transferability of credits:

1. One unit may be taken at summer school per year when a student is deficient in credits due to failure or transfer into the Poland Schools.
2. Strong academic student with scheduling difficulties created by a need for academic courses necessary for a college major may, with the building principal's approval, opt for academic credit in summer school.
3. Courses repeated in Summer School will be calculated into the GPA.

NOTE: See Repetition of Courses Policy listed above.

8. **GED**

A Certificate of High School Equivalence (GED) for students who have withdrawn may be sought under the following conditions:

1. A student is 19 years of age, or
2. A student who is 18 years of age whose entering class has graduated from Poland Seminary High School.

9. **Correspondence Courses**

Correspondence Courses are not accepted at PSHS.

10. **Fees**

**Course fees and purchase of graphing calculators are the student's/parent's responsibility.**

In cases of financial necessity, please see the Assistant Principal.

11. **Prerequisites**

Students enrolling in courses for which there is a prerequisite must have a "C" or better in the prerequisite course.

12. **Length of School Day**

The high school day consists of seven 49-minute periods.

13. **Sports Participation**

**HIGH SCHOOL - GRADES 9-12**

**(OHIO HIGH SCHOOL ATHLETIC ASSOCIATION)**

1. Player must not have turned 19 prior to August 1 to play that year.
2. Must have received passing grades in a minimum of five one-credit courses, or THE EQUIVALENT, in the immediately preceding grading period.
3. Students will remain ineligible until the start of the fifth school day of the next grading period. The 4th nine-week report period is used to determine the eligibility for fall inter-scholastic activities; summer school grades shall not be used for fall eligibility purposes.
4. Must maintain a minimum 1.0 GPA (re: S.B. 55)

**COLLEGE DIVISION I OR II NCAA ELIGIBILITY REQUIREMENTS**

All students wishing to participate in Division I or II athletics at the university level must register with the NCAA Eligibility Center. To check requirements and to register, visit [www.eligibilitycenter.org](http://www.eligibilitycenter.org).

## ACADEMIC RECOGNITION CRITERIA

### ACADEMIC HONORS DIPLOMA

Students who entered the ninth grade after July 1, 2017 may choose to meet the following Academic Honors Diploma option:

Graduating seniors must meet all but one of the criteria:

1. Four units of English
2. Four units of Mathematics (Algebra 1, Geometry, Algebra 2, and one other higher level course)
3. Four units of Science, including two units of advanced science
4. Four units of Social Studies
5. Three units of one World Language, or no less than two units of each of two World Languages
6. One unit of Fine Arts
7. GPA of at least 3.5 on a 4.0 scale
8. A composite score of 27 on the ACT or 1280 on the SAT (Writing sections of either standardized test should not be included in the calculation of this score.)

See your Guidance Counselor for other Ohio High School Honors Diploma options.

## NATIONAL HONOR SOCIETY

To be eligible for consideration for N.H.S. a student must be a junior or senior and have a minimum 3.5 cumulative grade point average.

To be selected, students eligible must also have high marks in leadership, character, and service. The final selection is made annually by a Faculty Control Board.

## VALEDICTORIAN AND SALUTATORIAN REQUIREMENTS

A student must be enrolled as a full-time student at Poland Seminary High School for a minimum of his/her final four high school semesters.

- 4 Units English (**must include AP 11 and AP 12**)
- 5 Units of Math (**above Applied Algebra 1 and including Calculus or AP Calculus**)
- 4 Units of Science (**Must include BSCS Biology, Chemistry and at least 2 of either AP Biology, Advanced Chemistry or Physics**)
- 3 Units of same Global Language **or** 2 Units each of **two** Global Languages
- 3 Units of Social Studies (**must include Honors World History and AP U. S. History**)
- 1 Unit of Fine Arts

**Repeated courses will not be considered.**

### **NOTE: (PRESS RELEASE/VALEDICTORIAN/SALUTATORIAN)**

Any student with a perfect 4.0 cumulative grade point average at the conclusion of the junior academic year has the opportunity to be named Valedictorian. Students must also meet criteria listed above. **Students participating in the CCP program MUST discuss requirements to meet Valedictorian/Salutatorian status prior to scheduling at YSU.**

Names of these students will be released to the press as Valedictorians, unless as seniors, they should receive a **final grade** of “B” or lower in a first semester class. Salutatorian will be the student or students with the second highest cumulative grade point average. The ultimate determination of Valedictorian/Salutatorian status will be the **year - end marks.**



## EDUCATION OPTIONS

### **College Credit Plus (CCP)**

College Credit Plus is available to students in grades 7 – 12 who qualify. As mandated, Poland High School maintains agreements with Youngstown State University, Kent State University and Eastern Gateway Community College for students to earn both college and high school credit. Informational meetings will be held yearly before March 31 as mandated. Interested students may also visit the school website. Further clarification is available from the Guidance Office. A three or more credit hour college course will earn 1.0 high school credit.

### **Credit Flexibility**

Credit Flexibility is a way for students to earn high school credit. Directed by Ohio Senate Bill 311 (Ohio Core Legislation), the State Board of Education adopted a plan that allows students in all grades to earn high school credits in ways other than traditional coursework and classroom instruction. This “credit flexibility” plan went into effect beginning with the 2010-2011 school year and allows students to earn graduation credit through one of the following options:

1. successfully completing coursework
2. testing out or showing mastery of course content
3. pursuing an educational option and/or an individually approved option
4. any combination of the above options

Please see the PSHS website, [polandbulldogs.com](http://polandbulldogs.com), for details and the application process.

### **Career Based Intervention 1 (CBI 1) - grades 9 & 10**

Career Based Intervention 1 (CBI) is an introductory career technical education program designed for students in grades 9 - 10. The program’s goals are to help students improve academic competence, graduate from high school, develop employability skills, and implement a career plan in preparation for postsecondary education and/or careers. The CBI program also provides a combination of educational and work-based learning opportunities for student success.

The focus in CBI Related 1 (1.0 credit) will be placed on “life skills” such as personal growth, teamwork & leadership skills, developing character, decision making and solving problems, communication skills, managing and developing relationships, consumer skills, and conflict resolution.

Work experience (CBI Work 1) (2.0 credits - must work the entire school year) will be provided through the Poland Schools and supervised by the CBI instructor. Students will work approximately 80 minutes during the school day.

**Career Based Intervention 2 (CBI 2) - grades 11 & 12**

Career Based Intervention 2 (CBI) is a career technical education program designed for students in grades 11 - 12. The program’s goals are to help students improve academic competence, graduate from high school, develop employability skills, and implement a career plan in preparation for postsecondary education and/or careers. The CBI program also provides a combination of educational and work-based learning opportunities for student success.

The focus in CBI Related 2 (1.0 credit) will be placed on examining topics and developing skills that will lead to success in the world of work. Topics and skills that will be explored and developed in CBI Related 2 are: researching careers, entrepreneurship, finding and applying for a job, interviewing, workplace ethics/health and safety/legal matters, teamwork and leadership, technology in the workplace, and understanding insurance, taxes, and social security.

In CBI Work 2, (2.0 credits - must work the entire school year) students must work a minimum of 15 hours per week in a place of employment outside the school. A job must be maintained throughout the entire school year to remain in the CBI Work 2 program. Students may be granted early release privileges as determined by the administration.

**CAREER TRAINING**

Career Training is available at the Mahoning County Career & Technical Center. Application should be made by late February of the sophomore year. See a guidance counselor for more information.

**GUIDELINES FOR COURSE SELECTION**

1. **Preparing For College**

Colleges vary considerably in their admission requirements, making it difficult to list minimum high school course prerequisites; nevertheless, it is safe to assume that all colleges expect their applicants to be well-prepared in the core academic subjects.

2. **9th Grade Math**

- Advanced Algebra 1 ..... A or B in 8<sup>th</sup> Grade Advanced Math
- Algebra 1 ..... A or B in 8<sup>th</sup> Grade Math
- or C in 8<sup>th</sup> Grade Advanced Math
- Applied Algebra..... C or lower in 8<sup>th</sup> Grade Math
- Advanced Geometry..... A or B in Advanced Algebra 1 in 8<sup>th</sup> Grade

Eighth graders who successfully complete Algebra1 receive high school credit for graduation purposes. This credit will count as one (1) of the 21 credits required for graduation per Senate Bill 55. Please note that this eighth grade course will be calculated in the student’s high school grade point average and class rank.

## GUIDELINES FOR COURSE SELECTION

### 3. Remainder of High School Math

Advanced Geometry .....	A or B in Advanced Algebra 1
Geometry .....	C or better in Algebra 1
Advanced Algebra 2 .....	A or B in Advanced Geometry
Algebra 2 .....	C or better in Algebra 1
Advanced Pre-Calculus ....	A or B in Advanced Algebra 2
Pre-Calculus .....	C or better in Algebra 2
Statistics.....	C or better in Algebra 2
Calculus .....	C or better in Pre-Calculus
AP Calculus .....	A or B in Adv. Pre-Calculus

### 4. Global Language

A grade of “C” or better is required to continue second, third, or fourth year of global language study.

### 5. Honors/Advanced Courses

A student must demonstrate both the ability and willingness to cope with the rigor of an honors course. A grade of “B” or better and permission from that instructor and a guidance counselor is required for admission to upper level courses. In addition, graded summer work is required for all honors courses.

Students presently taking honors courses are required to earn a “B” or better. A grade of “D” or “F” will automatically necessitate immediate transfer to a college level. If a student earns two consecutive grades of “C”, the teacher and guidance counselor will meet to consider transferring the student to a college preparatory section.

### 6. Advanced Placement Courses

Students wishing to take Advanced Placement coursework should consider the following:

- Students must complete the required prerequisite courses as determined by each department.
- Students choosing AP courses must follow specific drop/add guidelines for each course that are different than for regular courses.

See your Guidance Counselor for this policy before signing up for an AP class.

**HONORS COURSE – RECOMMENDED SEQUENCE**

GRADE 9	GRADE 10	GRADE 11	GRADE 12
Honors English 9	Honors English 10	AP English 11 or College English 11	AP English 12 or Eng Comp I/ Intro to Lit
Advanced Geometry	Advanced Algebra 2	Advanced PreCalculus Statistics	Calculus or AP Calculus
BSCS Biology	Chemistry Botany & Horticulture(.5)	AP Biology Advanced Chemistry Environmental Science Anatomy/Physiology 1(.5) Botany & Horticulture(.5) Physical Geology(.5)	STEM Physics AP Biology Advanced Chemistry Environmental Science Anatomy/Physiology 2(.5) Botany & Horticulture(.5) Physical Geology(.5)
Honors World History	AP US History	Social Studies Elective(.5) Adv. US Government(.5) AP Art History	Social Studies Elective(.5) Adv. US Government(.5) AP Art History
Global Language	Global Language	Global Language	Global Language
Phys Ed(.25)	Phys Ed(.25)	Health(.5)	

**COLLEGE PREP COURSE – RECOMMENDED SEQUENCE**

GRADE 9	GRADE 10	GRADE 11	GRADE 12
College English 9	College English 10	College English 11	College English 12
Algebra 1	Geometry	Algebra 2	PreCalculus Statistics
Physical Science	Biology	Chemistry Environmental Science Anatomy/Physiology 1(.5) Botany & Horticulture(.5)	Physics Advanced Chemistry AP Biology Environmental Science Anatomy/Physiology 2(.5) Botany & Horticulture(.5) Physical Geology(.5)
College World History	College US History	Social Studies Elective(.5)	Social Studies Elective(.5) US Government(.5)
Global Language	Global Language	Global Language	Global Language
Phys Ed(.25)	Phys Ed(.25)	Health(.5)	

**CAREER TRAINING – RECOMMENDED SEQUENCE**

GRADE 9	GRADE 10	GRADE 11	GRADE 12
English 9	English 10	English 11	College English 12
Applied Algebra	Algebra 1	Geometry	Algebra 2
Physical Science	Biology	Environmental Science Anatomy/Physiology 1(.5)	
College World History	College US History	Social Studies Elective(.5)	Social Studies Elective(.5) US Government(.5)
Phys Ed(.25)	Phys Ed(.25) & Health(.5)		
CBI 9	CBI 10	CBI or MCCTC*	CBI or MCCTC*

\*Note: Health and Phys Ed are not offered at the MCCTC and must be completed prior to admission. Students wishing to pursue Career Training should have successfully completed those courses listed under grades 9 & 10 of the Career Training sequence. Additional required subjects for meeting graduation requirements are offered at the MCCTC.

**\*\*STUDENTS MAY SELECT ANY ELECTIVE LISTED AT A PREVIOUS GRADE LEVEL\*\***

## **ELECTIVES FOR ALL COURSES OF STUDY\***

### **GRADE 9**

Italian I  
Spanish I  
Intro to Art(.5)  
Career & College Readiness(.5)  
Personal Wellness & Development(.5)  
Textile Design, Construction & Maintenance(.5)  
Speech & Communications(.5)  
Video Production(.5)  
Sports Media(.5)  
Computer Animation(.5)  
App Design 1(.5)  
Game Design 1(.5)  
CBI 9  
Band  
Wind Ensemble  
Concert Choir

### **GRADE 10**

Italian II  
Spanish II  
Art 2  
Intro to Accounting  
CBI 10  
App Design 2(.5)  
Game Design 2(.5)  
Ceramics(.5)  
Digital Smartphone Photo(.5)

### **GRADE 11**

Italian III  
Spanish III  
History of Fine Arts(.5)  
Drawing & Painting(.5)  
Sculpture and Jewelry(.5)  
Intro to Criminal Justice(.5)  
Accounting 2  
Psychology(.5)  
Culinary Fundamentals(.5)  
Child Development(.5)  
Pioneer  
Seminarian  
Lifetime Fitness(.5)  
CBI 11

### **GRADE 12**

Italian IV  
Spanish IV  
Global Foods(.5)  
Economics(.5)  
Spanish V  
CBI 12

**\*STUDENTS MAY SELECT ANY ELECTIVE LISTED AT A PREVIOUS GRADE LEVEL**

## ART

### **High School Intro to Art Course Description Grade 8**

**1 Semester**

**½Credit**

This high school credit class for 8th grade student's is a semester long. This class provides an opportunity to learn skills that will be applied to every project. Using the elements of design, students will produce creative art projects that reflect understanding and explore personal expression. Students will use a variety of drawing media such as pencil, charcoal, and marker

in addition to tempera paint, watercolor, and ceramics. This class is a prerequisite for upper level electives. Each project is connected to ODE Standards for Visual Art.

### **Introduction to Art- Grade 9-12**

**1 Semester**

**½ Credit**

This class is a prerequisite for some upper level electives.

This semester class provides an opportunity to learn skills that will be applied to every project. Using the elements of design, students will produce creative art projects that reflect understanding and explore personal expression. Students will use a variety of drawing media such as pencil, charcoal, and marker in addition to tempera paint, watercolor, and ceramics. Each project is connected to ODE Standards for Visual Art.

### **Art 2**

**All Year**

**1 Credit**

Prerequisite - Introduction to Art

This year long Art 2 class provides an opportunity to use skills learned in Introduction to Art to create diverse projects. Using the elements and principles of design students will produce creative art projects that reflect understanding and explore personal expression. Media will include, pencil, charcoal, oil pastels, acrylic paint and an introduction to oil painting. Each project is connected to ODE Standards for Visual Art.

### **Drawing and Painting**

**1 Semester**

**½ Credit**

Prerequisite: Introduction to Art & Art 2

This semester elective will explore more deeply the media of drawing and painting. Students will use new media such as scratch board and oil paints, in addition to acrylic. Each project is connected to ODE Standards for Visual Art.

### **Ceramics**

**1 Semester**

**½ Credit**

Prerequisite - Introduction to Art

This semester class will explore several procedures for creating art with clay. Slab construction, coil construction, glazing and the potter's wheel will all be covered. The course encompasses all ceramics related skills. Each project is connected to ODE Standards for Visual Art.

**Sculpture and Jewelry****1 Semester****½ Credit**

Prerequisite- Introduction to Art &amp; Art 2.

This semester class will focus on creating 3 dimensional art in the form of sculpture and jewelry. Both additive and reductive methods will be used in clay, paper mâché. In jewelry, students will use paper, copper, precious metal clay, rubber stamps, wire, and cord. Each project is connected to ODE Standards for Visual Art.

**Digital Smartphone Photography****1 Semester****½ Credit**

Prerequisite - Introduction to Art

This semester class will focus on becoming familiar with the camera in your smartphone and all it has to offer. It will cover composition, styles of photography, portraits, landscapes, motion and depth, photo journaling, lowlight and night photography, as well as editing apps. Cell phones may not be used in other classes, all school rules for cell phones still apply.

**BUSINESS APPLICATIONS****FINANCIAL LITERACY****1 Semester****½ Credit**

Financial Literacy is a semester course that aligns with the Ohio Financial Literacy and Common Core Standards. Students will learn personal financial skills which they will be able to apply to the real world. Interpreting paychecks, analyzing finances, creating budgets and planning for the future are just a few of the skills and concepts that will be discussed and analyzed in greater detail. This course will help develop a greater understanding of financial awareness and prepare students with the knowledge they will need to make informed financial decisions in the future.

\*THIS COURSE WILL BE MANDATORY FOR THE GRADUATING CLASSES OF 2026 & BEYOND.

**Introduction to Accounting****All Year****1 Credit**

The students learn to work with the various journals and ledger accounts and will follow the accounting cycle to the end of the fiscal period for proprietorships and partnerships. Realism is created through

the use of standard forms and procedures. An introduction to income tax and payroll taxes is given. Students will complete a Reinforcement Activity which will give them practical experience in journalizing, posting and creating various financial statements necessary in business operation. Students are given exposure to automated accounting on the computer.

\*THIS COURSE SATISFIES THE FINANCIAL LITERACY REQUIREMENT FOR THE GRADUATING CLASSES OF 2023, 2024 & 2025.

A fee is charged.

**Accounting 2****All Year****1 Credit**

Prerequisite: Introduction to Accounting.

The students will continue to apply their skills from Introduction to Accounting but in greater detail and more experience will be gained on the computer. This course will offer students interested in pursuing a career in Accounting, Business Management, and even Finance an opportunity to explore the subject in greater detail.

A fee is charged.

## ENGLISH

### INTRODUCTION

The English Language Arts courses at Poland Seminary are sequentially designed to promote readiness for college and career in the 21st century. The primary objectives are to encourage students to think critically through experiencing a variety of both literary and informational texts and to express themselves logically and effectively through writing and speaking. By the end of high school, students will have a strong literary foundation. In writing, they will be able to state, defend and discuss their opinions logically and coherently. A fee is charged for all English Language Arts courses. When making course decisions, students and parents need to create achievable goals throughout a student's academic career. Several course offerings may help students achieve college credits during junior and senior year.

#### **College English 9**

**All Year**

**1 Credit**

Prerequisite: 8th Grade English

This course focuses on literature, vocabulary and composition for the college-bound student. The course offers an overview of literature across major forms and genres including the short story, the novel, poetry, drama and literary nonfiction. The development of composition skills is emphasized and focuses on the logical development of a thesis and supporting ideas. The development of research skills emphasizes the defining and refining of research questions.

There is a course fee.

#### **Honors English 9**

**All Year**

**1 Credit**

Prerequisites: 8th Grade English; successful completion of placement exam & teacher recommendation

Designed for motivated learners, this course emphasizes the close reading of challenging literary and informational texts. Coursework focuses on vocabulary study, enhancement of communication skills and development of formal writing skills, including argumentative, literary analysis, expository, narrative and research modes. Students are required to complete a summer reading assignment.

There is a course fee.

#### **College English 10**

**All Year**

**1 Credit**

Prerequisite: College English 9

Continuing to develop the concepts from English 9, students will read, analyze, and explore texts by genre and/or theme. During the course, the students will read informational texts, myths, classic and/or young adult novels, memoirs, short stories, poetry, Greek and Shakespearean Drama, and/or films in accordance with the Common Core Standards. Close reading is emphasized. In addition, instruction will include the writing process with several possible genres: literary analysis, rhetorical analysis, argument, research, and narrative. Also, developing vocabulary, grammar, and speaking and listening instruction is integrated into the curriculum.

There is a course fee.



**Honors English 10****All Year****1 Credit**

Prerequisites: Honors English 9; teacher recommendation

Designed for the motivated sophomore, this course follows the curriculum of College English 10 with more enriched experiences for discussion and additional independent reading or writing may be required. There is a summer reading requirement for this course. Failure to turn in a summer reading assignment will result in a failing grade for that assignment. Preparation for advanced placement and college readiness is emphasized.

There is a course fee.

**College English 11****All Year****1 Credit**

Prerequisite: College English 10

This course is devoted to the study of American literature from the Colonial Period to the late twentieth century. Throughout the year, students will analyze historical and informational texts as well as literary texts across all genres in accordance with the Common Core Standards. Close reading is emphasized. In addition, instruction will include the writing process with several possible genres: literary analysis, rhetorical analysis, argument, synthesis, and narrative. Also, developing vocabulary, grammar, and speaking and listening instruction is integrated into the curriculum.

There is a course fee.

**Advanced Placement (AP) English****Language and Composition 11****All Year****1 Credit**

Prerequisites: Honors English 9; Honors English 10 & teacher recommendation

The AP English Language and Composition course focuses on the development and revision of evidence-based analytic and argumentative writing, the rhetorical analysis of nonfiction texts, and the decisions writers make as they compose and revise. Close reading is emphasized. Students evaluate, synthesize, and cite research to support their arguments. In addition, instruction will include the writing process with exposure to various modes of writing with a key focus on the rhetorical analysis, synthesis, and argument free response. Peer discussion is expected in the AP Classroom. This course requires students to complete a summer reading assignment and to take the AP Exam in the spring. Failure to turn in a summer reading assignment will result in a failing grade for that assignment.

Depending on the college/university, students may receive college credit for 1 to 2 courses.

There is a course fee.

**College English 12****All Year****1 Credit**

Prerequisite: College English 11

This course is a survey of classic and modern literature which will explore all literary genres. This course also refines the writing skills the students have developed thus far, with emphasis on the narrative, expository and argumentative rhetorical modes. The ongoing development of informative literacy skills will culminate in the writing of a college-level, thesis-driven research paper.

There is a course fee.

## **English Composition I & Introduction to Literature (College Credit Plus at EGCC)**

**Prerequisite:** Application for CCP; these courses are taken in Grade 12.

These are the course descriptions from EGCC. These courses will be taken per semester. The first semester will include English Composition I, and the second semester will focus on Introduction to Literature. **This course offers students college credit through the College Credit Plus program at Eastern Gateway Community College as ENG 101 and ENG 201.** Students will receive six (6) semester hours of undergraduate credit.

### **ENG 101 - English Composition I**

This course is designed to improve writing skills and to introduce basic research skills. Emphasis is placed on writing that is appropriate to the situation and audience in content, organization, tone, and style. Students learn the strategies associated with composing: brainstorming, free writing, clustering, drafting, revising, editing, and proofreading. Students are required to produce a variety of essays demonstrating skill and are introduced to library and online research methods. A short research paper using MLA documentation is required. Course may require participation in outside classroom activities/events that relate to course outcomes. This is a three semester hour course.

### **ENG 201 - Introduction to Literature**

This course introduces students to major forms of literature, poetry, drama, short stories, novels, and/or film and has them responding to these works with critical thought combined with personal insight and interpretation. Emphasis is on articulating responses and analyses through journal writing, in-class short essay responses, classroom discussions, and out of class essays. Course may require participation in outside classroom activities/events that relate to the course outcomes. This is a three semester hour course. **ENG 101 is required.**

### **Advanced Placement (AP) English Literature and Composition 12**

**Prerequisites:** Honors English 9; Honors English 10; AP English 11 & teacher recommendation

This course is designed for highly capable and motivated students who wish to enhance their analytical interpretation skills through an intensive study of world literature. Coursework focuses on reading, analyzing, and writing about classic fiction from various countries and time periods. Students engage in close reading and critical analysis to deepen their understanding of the ways writers use language to provide both meaning and pleasure. Writing assignments include expository, analytical, and argumentative essays that require students to analyze and interpret literary works. This course requires students to complete a summer reading assignment and to take the AP Exam in the spring. Failure to turn in a summer reading assignment will result in a failing grade for that assignment.

Depending on the college/university, students may receive college credit for 1 to 2 courses.

There is a course fee.

## FAMILY AND CONSUMER SCIENCE

### **INTRODUCTION**

The mission of Ohio Family and Consumer Sciences program is to prepare youth for the work of the family. The ultimate aim of Family and Consumer Sciences is to strengthen families, empowering individuals to take action for the well-being of self and others in the home, workplace, community and world. The programs can provide much needed support for individuals by empowering them to take responsibility for the well-being of their families. The Family and Consumer Science Program is based upon what students need to know, to be able to do, and to be like in order to be competent in the work of the family.

### **Child Development**

**1 Semester**

**½ Credit**

In this course, students will study the principles of child growth, development and behavior. An emphasis will be placed on the cognitive development of a child and sensory and motor skills. Additional topics will include childhood diseases, immunizations, theories of development, learning styles and evaluating childcare services. For students in grades 11 and 12.

A fee is charged.

### **Career and College Readiness**

**1 Semester**

**½ Credit**

In this course, students will develop effective learning strategies and skills to provide a strong foundation for successful lifelong learning. Throughout the course, students will research careers and occupations, review postsecondary admissions qualifications, develop interviewing skills and participate in internships. Additional topics will include principles and techniques of professionalism, networking, conflict-resolution, negotiation, leadership and entrepreneurship. For students in grades 9, 10, and 11.

A fee is charged.

### **Textile Design, Construction and Maintenance**    **1 Semester**    **½ Credit**

In this course, students will study the visual appearance of fabric and fashion design. Students will identify, analyze and apply production processes and techniques to textiles. Additional topics will include the maintenance and alterations of textile products, including home interior accessories and garments. For students in grades 9 through 12.

A fee is charged.

**Culinary Fundamentals****1 Semester****½ Credit**

In this course, students will apply fundamental culinary techniques, such as knife handling skills and the recognition, selection and proper use of tools and equipment. An emphasis will be placed on *mise en place*, the management of time, ingredients and equipment. Students will apply standard recipe conversions using proper scaling and measurement techniques. For students in grades 11 and 12.

A fee is charged.

**Global Foods****1 Semester****½ Credit**

Prerequisite: Healthy Living or Culinary Fundamentals

In this course, students will compare cuisines, ingredients and preferred cooking methods of various cultures. The influence of traditions and regional and cultural perspectives on food choices and culinary practices will be emphasized. Students will examine the issues and conditions that affect the availability and quality of food in the global market, and apply advanced cooking techniques, including the use of specialty and advanced equipment in the preparation of food dishes. For students in grade 12 only.

A fee is charged.

**Personal Wellness and Development****1 Semester****½ Credit**

In this course students will develop a personalized approach to healthy living. An emphasis will be placed on developing personal health for an adolescent that can be used as they transition through life. Additional topics will focus on problem-solving, work ethics, nutritional and food selections, family dynamics and personal health. For students in grades 9 and 10.

A fee is charged.

**FINE ARTS****Speech & Communications****1 Semester****½ Credit**

Oral interpretation is a communications course. The class is organized to provide students with the opportunity of speaking and listening in a variety of situations before a group of peers as well as a critical evaluator. The course is grounded in research, organization, critical thinking, and delivery with professionalism.

This class is beneficial for every student grades 9-12, especially those selecting teaching, law, broadcasting or business related fields. This course may be used to fulfill the Fine & Performing Arts credit required by state universities in Ohio.

**History of Fine Arts****1 Semester****½ Credit**

Prerequisite: World History and a Junior or Senior standing

History of Fine Arts is a multi-disciplinary course in art, music, literature, and architecture. It is presented on a continent-by-continent basis. The text will be enhanced by lectures, class discussion, the use of slides, compact discs, videos, and the reading of selected poetry and short stories. The class will fulfill **either** a Social Studies **or** a Fine Arts requirement at state universities in Ohio.

## GLOBAL LANGUAGES

### INTRODUCTION

The Global Language Department at Poland Seminary High School offers three languages: Italian and Spanish.

Enrollment in each of the Global Languages offered is limited.

Students in grades 9 and 10 are given priority for enrollment in the first year of all languages. Other students may enroll at the first year level as space becomes available.

#### Spanish I

All Year

1 Credit

In Spanish I grammar usage is stressed along with the acquisition of vocabulary and learning to read, write and speak in Spanish. Many drills involving imitation, repetition and substitution are employed. The students practice grammar usage and writing through a variety of activities. They are introduced to culture through the book, internet and videotapes.

A fee is charged

#### Spanish II

All Year

1 Credit

Prerequisite: Spanish I (A grade of C or better is recommended)

The second year of Spanish is designed to increase students' proficiency in the four basic skills: writing, reading, speaking, listening comprehension and more complex grammar structure. The students will learn more about the culture and customs of the various Spanish-speaking countries.

A fee is charged

#### Spanish III

All Year

1 Credit

Prerequisite: Spanish II (A grade of C or better is recommended)

This course is for students who enjoy the study of the Spanish language and want to continue with its practice and use as a means of communication. Speaking the language is encouraged and the acquisition of new vocabulary is stressed. The emphasis on reading is on learning to read for understanding and pleasure so as to appreciate Spanish literature.

A fee is charged

#### Spanish IV

All Year

1 Credit

Prerequisite: Spanish III (A grade of C or better is recommended)

A major objective of Spanish IV is to gain the ability to speak and comprehend the Spanish language fluently. Grammar is reviewed and expanded upon to strengthen language skills. Short stories, foreign films, and other authentic resources are utilized in this course. Vocabulary is studied to prepare students for college placement tests.

## GLOBAL LANGUAGES

### **Spanish V**

**All Year**

**1 Credit**

Prerequisite: Spanish IV (A grade of C or better is recommended)

A major objective of Spanish V is to prepare students to test out of a foreign language requirement in college and/or to prepare students for the CLEP exam to gain college credit hours. Students will continue developing the ability to produce and comprehend the Spanish language fluently. Focus is on etymology and history of the language. Short stories, foreign films, and other authentic resources will continue to be utilized in this course to achieve an overall fluency rating of Intermediate Mid. Vocabulary and grammar are also reviewed and expanded to prepare students for college placement tests.

### **Italian I**

**All Year**

**1 Credit**

Students of Italian I will be introduced to multiple grammar points as well as essential vocabulary. Italian I students will begin their phonetic studies with the alphabet and sounds in order to grasp the pronunciation of the language. Level I of Italian will also introduce important cultural traditions. Italian I students will be able to speak and understand the basics of the language by the end of the year.

A fee is charged.

### **Italian II**

**All Year**

**1 Credit**

Prerequisite: Italian I (A grade of C or better is recommended.)

In Italian II, students will continue to use the grammatical structures from Italian I within a more conversational context. The second year of Italian studies will shift focus from grammar to speech and will work toward breaking the silence barrier that most language learners encounter. By the end of Italian II, the students will be able to speak and understand the language efficiently while also correctly employing their grammar background.

A fee is charged

### **Italian III**

**All Year**

**1 Credit**

Prerequisite: Italian II (A grade of C or better is recommended.)

Students in Italian III will continue to build a grammar and vocabulary foundation within a more written context. Italian III will shift focus from grammar and speaking to writing. Italian III will build upon Italian I and II by adding a geographical and historical base of knowledge. By the end of Italian III, the students will be able to successfully understand, speak, and write within the target language.

A fee is charged.

### **Italian IV**

**All Year**

**1 Credit**

Prerequisite: Italian III (A grade of C or better is recommended.)

Italian IV students continue to acquire skills in speaking, writing and reading Italian. Grammar is reviewed and expanded through thematic units and cultural studies. Students will be challenged to use Italian to communicate their ideas and to work toward a more fluid command of the language. Authentic resources such as operas, short stories and foreign films will be utilized to prepare students for college studies.

## MATHEMATICS

### INTRODUCTION

Mathematics is a spiral type program in that each course is dependent upon the materials taught in the preceding course or courses. The many studies of mathematics in recent years have brought about many changes and improvements in the curricula. A diverse mathematics curriculum is offered which meets the needs of most students at various levels of learning. The curriculum at the high school consists of different course offerings and/or tracks. Success in any mathematical course is greatly dependent upon material studied and retained from preceding courses in the mathematics curriculum. Students must maintain no less than a B average to remain in the advanced track.

#### Applied Algebra

All Year

1 Credit

Recommendations: Students with a grade of C in 7th or 8th grade math.

Applied Algebra is intended to help students make the transition from Arithmetic to Algebra placing emphasis on prerequisite skills, concepts, and problem solving processes. This will provide a foundation to earn an additional 3 credits in Algebra, Geometry and Algebra 2 to meet state graduation requirements.

#### Algebra 1

All Year

1 Credit

Recommendations: Students taking this course at the 9th grade level should have a good background in mathematics at the 7th and 8th grade level. Students with a grade of A or B in 8th Grade Math or students with a grade of C in 8th Grade Advanced Math should take this course. Algebra 1 is a full year course that is the first year of a three-year core curriculum. It includes the concepts of real number properties, solving linear and quadratic equations, graphing, problem-solving strategies, deductive reasoning, patterns and relations. It is the first year course in a sequence that would empower the student to succeed in advanced mathematical topics. **A TI-84 graphing calculator is recommended.**

#### Advanced Algebra 1

All year

1 Credit

Prerequisite: 8th Grade Advanced Math.

Students in this course will cover all of the regular Algebra 1 concepts, as well as more advanced concepts and problems. Students should maintain at least a B average to remain in the Advanced Math courses. **A TI-84 graphing calculator is recommended.**

#### Geometry

All Year

1 Credit

Recommendations: Students successfully completing Algebra 1.

Geometry is a full year course that is the second year of a core curriculum. It includes the study of 2 and 3 dimensional figures. Students construct and interpret geometric models and apply properties to problem situations. A system of axioms will be developed and used to construct formal proofs. An algebraic treatment of Geometry will be included as will a brief treatment of trigonometry. It is the second course in a sequence that would empower the student to succeed in advanced mathematical topics.

**Advanced Geometry****All Year****1 Credit**

Prerequisite: The student should have earned a **strong B or higher** in Advanced Algebra 1 in the 8th or 9th Grade.

This course is designed to challenge the student in the areas of Geometry, Trigonometry, and advanced Algebraic concepts. The course is conducted at an advanced pace, with higher level concepts discussed on a daily basis. A strong Algebraic foundation will be expected and required for success in this course. Students with weak Algebraic background will typically struggle and will be expected to fill these gaps accordingly.

**Algebra 2****All Year****1 Credit**

Recommendations: At least a C in Algebra 1 and Geometry.

Algebra 2 is a full year course that is the third year of a core curriculum. Its purpose is to extend the concepts introduced in Algebra 1 and will include trigonometric functions, matrices, conic sections and logarithms. It is the third course in a sequence that would empower the student to succeed in advanced mathematical topics.

**Advanced Algebra 2****All Year****1 Credit**

Prerequisite: Advanced Geometry.

Students in this course will cover all of the regular Algebra 2 concepts as well as more advanced concepts and problems. Students should maintain at least a B average to remain in advanced math. **A TI-84 graphing calculator is recommended.**

**Statistics****All Year****1 Credit**

Prerequisite: Successful completion of Advanced or College Preparatory Algebra 2

This course is designed for students who are interested in an introduction to statistical reasoning. Topics will include collecting and summarizing data, concepts of randomness and sampling, and statistical inference and reasoning. Students will complete real world based projects and incorporate technology into data analysis.

**Pre-Calculus****All Year****1 Credit**

Recommendations: At least a C in Algebra 2.

This course is designed for students who had some difficulty in Algebra 2 but still want to pursue a mathematical curriculum. Some of the topics covered in Advanced Pre-Calculus are not covered in this course. **A TI-84 graphing calculator is recommended.**

**Advanced Pre-Calculus****All Year****1 Credit****Advanced Pre-Calculus CCP****All Year****2 Credits**

Prerequisite: Advanced Algebra 2.

This full year course is designed to educate students at the college level in advanced mathematics topics. A student has the option to enroll in two YSU courses through the College Credit Plus program. One semester is focused on College Algebra (Math 1510) topics; real numbers, equations and inequalities, linear, quadratic, polynomial, exponential and logarithmic functions and graphs, systems of equations, binomial theorem and applications. This class can fulfill a college's general education requirements for mathematics. The other semester is focused on Trigonometry (Math 1511) topics; unit circle, angle measurements, similar triangles, trigonometric ratios and right triangle trigonometry, polar coordinates,

Continued next page



law of (co)sines, six trigonometric functions and graphs, fundamental identities, equation solving and inverse trigonometric functions, complex numbers, and real life applications. **A TI-84 graphing calculator is recommended.** Students will receive seven (7) semester hours of undergraduate credit.

**Calculus** **All Year** **1 Credit**

Prerequisite: Pre-Calculus or Advanced Pre-Calculus.

This course will review Pre-Calculus topics and then will delve into Calculus concepts such as limits, derivatives, and integration. Students will be developing an understanding of the fundamental concepts and techniques of differential and integral calculus. Students will begin to understand the importance of differential and integral calculus in a variety of applications. Students will develop the ability to read mathematics with understanding and to write mathematics understandably.

**The purchase of a TI-84 graphing calculator is recommended.** This course offers students college credit through the College Credit Plus program as YSU course MATH 1571. Students will receive four (4) semester hours of undergraduate credit.

**AP Calculus AB** **All Year** **1 Credit**

**AP Calculus AB CCP** **All Year** **1 Credit**

Prerequisite: Advanced Pre-Calculus

This is a rigorous course in Calculus. Students are expected to work on a review of Pre-Calculus concepts over the summer and will be tested on them the first week of school. This will enable students to begin in the fall with Calculus concepts including rates of change, integration, volume, etc. Students planning on a career in engineering or a related field should consider taking this course. **Students are required to take the AP test in the spring and to have a TI-84 or TI-89 graphing calculator.** This course offers students college credit through the College Credit Plus program as YSU course MATH 1571. Students will receive four (4) semester hours of undergraduate credit.

### **Advanced Mathematics Program**

Recommendations: Students should have a strong background in the fundamentals of mathematics and have the desire to complete a five year mathematics program in a period of four years of high school. A “B” or better average is recommended to continue in this program.

YEAR 1	8th Grade Algebra 1
YEAR 2	Advanced Geometry
YEAR 3	Advanced Algebra 2
YEAR 4	Advanced Pre-Calculus
YEAR 5	AP Calculus or Calculus

## Music

### **INTRODUCTION**

The music department provides instrumental and vocal music instruction in an ensemble setting. All classes are performance-based, and emphasize musicianship and music literacy. In addition, the music department develops musical standards, and imparts a basis for value judgment, resulting in the encouragement of sensitive musicianship and artistic appreciation that will be influential in the lives of students beyond their secondary education. The areas of music history, theory, and technology are included in each course.

### **Band**

**All Year**

**1 Credit**

Prerequisite: None

All participating students are enrolled in one of several ability-based ensembles. Each ensemble performs at a minimum of three concerts per year, and concert attendance is mandatory for all members. Students are graded based on their ability to read musical notation, play a woodwind, brass, or percussion instrument, and their understanding of musical terms and concepts.

### **Concert Choir**

**All Year**

**1 Credit**

This is a year-long course offered to all students as continuation in the choral sequence. The core curriculum is a deeper exploration of vocal technique, music theory, and music history through the study of a wide variety of choral music written for mixed voices. Students in Concert Choir are expected to participate in one evening concert each quarter as a major part of their grade.

**Jazz Ensemble****All Year****1 Credit**

Prerequisite: Students must be enrolled in Band or Choir, and must be proficient on one of the following instruments – Saxophone, trombone, trumpet, electric guitar, bass guitar, piano, drum set, or voice.

The Jazz Ensemble provides students the opportunity to perform and improvise music in the various styles of jazz, blues, be-bop, swing, rock, funk, and pop. Students interested in the Jazz Ensemble must see the director for audition information. Students are graded based on their ability to read musical notation, play an instrument with appropriate jazz style, and their understanding of jazz terms and concepts.

## PHYSICAL EDUCATION & HEALTH EDUCATION

### Physical Education

1 Semester

¼ Credit

The ODE guidelines for credit in this course requires that the student completes 120 hours of instruction and activity time in the classroom for the ½ credit needed for graduation.

The Physical Education Curriculum will include a variety opportunities for the student to develop proficiency in the Ohio Department of Education Physical Education Benchmarks adopted in July of 2012. Each student's achievement in these benchmarks is to be reported to the ODE as part of the district report card.

Those benchmarks include:

**Standard One:** Competency in motor skills & movement patterns for performance in a variety of physical activities

**Standard Two:** Demonstrates understanding of movement concepts, principles, strategies and tactics when performing various activities

**Standard Three:** Understands & engages in regular physical activity of at least 60 minutes per day.

**Standard Four: An evaluation and performance of Physical Best Assessments**

This standard is a cut and dry evaluation based on each students "testing scores" of the Physical Best Program adopted by the Ohio Department of Education. Each student is to understand and be able to apply the principles, components and practices of the health-related fitness terminology presented through this class.

**Standard Five:** Exhibits responsible personal behavior and social behavior that demonstrates respect for self and others in the physical activity setting.

**Standard Six:** Values physical activity for health benefits, enjoyment & challenges, for Self-expression and/ or positive social interaction.

### Lifetime Fitness and Sport

1 Semester

½ Credit

Prerequisite: Students must have completed their PE credit.

Lifetime Fitness and Sport is a semester long elective class worth ½ credit. Students must be Junior or Senior level to enroll. This course will touch on a wide variety of topics related to fitness and sport. Principles of training including diet and exercise techniques will be taught, as well as, rules and strategies of various lifetime sports. The classroom setting will vary each day from the weight room, to the gymnasium, to the field to the classroom. Students will be graded on written assignments, quizzes, article reviews and their effort and attitude during participation.

**Health****1 Semester****½ Credit**

Health education is a semester class devoted to the presentation of current topics that aim to equip students with knowledge and skills necessary to make positive healthy choices throughout their lives.

This class will explore topics that influence our personal wellness on a daily basis. Topics include; general hygiene practices, decision making, personality development, role models, emotional needs, stress reduction and its relationship to mental illness, suicide prevention and risky behaviors such as drug, tobacco and alcohol use.

Students will also be exposed to various nutrition topics that include MyPlate.gov, fad diet trends, sport nutrition, portion sizing and reading of food labels. We will also look at human growth and development, reproduction, STI information and prevention strategies, various methods of contraception with an emphasis on abstinence.

Students will also hear information on organ donation and be instructed on methods of CPR.

**PUBLICATIONS****Seminarian Newspaper – Elective****All Year****1 Credit**

Prerequisite: Application Acceptance through Teacher Approval and enrollment in Grades 9-12

This elective journalism course includes instruction based on the fundamentals of journalism with an emphasis on professional skills such as interviewing and ethics. The staff will use their knowledge to develop news articles for the school newspaper via the news website. Students will also participate in business management activities. There is the opportunity for leadership roles such as editor, co-editor, business manager, photographer etc. **The course is a pass/fail** with article requirements per nine weeks, and this course can be taken for multiple years.

**Pioneer****All Year****1 Credit**

Pioneer is open to sophomore, junior, or senior students who make application to the yearbook advisor the Spring before they wish to serve as a staff member. A variety of positions are available: editor-in-chief, section editors, photographers, business manager, art editors, copy editors. Students are chosen for their positions by the yearbook advisor and graduating senior staff members. Grade averages participation in co-curricular activities, and interests expressed on the application are a few of the determining factors for placement on the staff. All students who apply are not accepted for a position. It is a job of the newly chosen staff to produce the school yearbook. It is also the job of each staff to raise enough money to finance their book through ad and book sales. Grading is on a basis of S-U (Satisfactory & Unsatisfactory).

## **SCIENCE**

### **INTRODUCTION**

The science discipline is one which places an emphasis on developing the student's ability to make observations, form hypotheses, set up investigations, and to arrive at conclusions based on measurable data obtained. The goals of the science department are:

1. To help the student understand natural phenomena.
2. To encourage the student to develop and maintain an interest in science.
3. To provide classroom and laboratory experiences that benefit all students.

In addition, when possible, computer assisted and interfaced lab experiences will be integrated into the biology, chemistry and physics curricula.

<b><u>Physical / Earth / Space Science</u></b>	<b>All Year</b>	<b>1 Credit</b>
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Prerequisite: Ninth Grade Standing

Physical / Earth / Space Science is an introductory course particularly applicable to freshmen students. It is designed to provide opportunity to acquire the knowledge, prerequisite skills, and habits of mind needed for problem solving and ethical decision making about matters of scientific and technological concern, as well as provide a basic foundation for advanced studies in the sciences and personal career choices. Topics include, but are not limited to, properties of matter, atomic structure, forces and motion, work and energy, earth processes and space technology. The course will cover the use of lab equipment, scientific method, science journaling, observation and inferences. Mathematics as related to science, especially numerical and graphical analyses will be a strong component of the coursework.

A fee is charged.

<b><u>Biology</u></b>	<b>All Year</b>	<b>1 Credit</b>
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Biologists study the structures and functions found in organisms, the variety of living things, the development of variations, heredity, and the interactions of living things with their environment. Laboratory exercises involve manipulation of equipment, careful observation, and recording. This study ranges from the cellular to the multicellular level. As such, some elementary chemistry is involved. Biology will challenge the average student, so the student should recognize considerable effort is needed in this elective subject.

A fee is charged

## SCIENCE

### **Biological Science Curriculum Study (BSCS) All Year 1 Credit**

Prerequisite: Teacher recommendation from 8th grade

The BSCS program deals with organizational levels (molecular, cellular, organ, system, population, ecosystem, for example) of living things. More inquiry is involved than the regular biology course, along with the integration of some chemistry. This class is designed for students of high academic ability who should expect challenging work. The BSCS course is a good preparation for further studies in science.

A fee is charged

### **AP Biology All Year 1 Credit**

### **AP Biology CCP All Year 2 Credits**

Prerequisite: A or B in either BSCS or General Biology; A or B in Chemistry

This elective is an advanced placement course providing an entry level university study of biological disciplines. AP Biology offers an in-depth study of basic biology and is intended for those students anticipating further education in scientific fields. Students will study the chemical and physical foundations of life, structure and function of cells and organelles, metabolism, basic molecular biology and inheritance, and principles of evolution during the first semester. The second semester focuses on the structure and function of plants and animals, examination of the structure and functioning of organismic communities and ecosystems. This course offers students college credit through the College Credit Plus program as YSU courses BIOL 2601/2601L and BIOL 2602/2602L. Students will receive eight (8) semester hours of undergraduate credit. Students are required to take the AP test in the spring.

A fee is charged.

### **Chemistry All Year 1 Credit**

Prerequisite: "C" or better in Algebra 1; Algebra 2 is recommended.

Chemistry is designed to meet the needs of the college-bound student. It is concerned with nature and changes of matter. The laboratory and lecture are the chief tools which introduce observations and data that are integrated into the theoretical, descriptive, and mathematical content of the course. Since chemistry involves a great deal of problem solving, the prospective student should have a strong background in mathematics. Goggles and a problem solving book are purchased.

A fee is charged

### **Advanced Chemistry All Year 1 Credit**

### **Advanced Chemistry CCP All Year 2 Credits**

Prerequisite: A or B in Chemistry

Advanced Chemistry is a very demanding course, taught at Poland High School, in which a student is concurrently enrolled at Youngstown State University in Chemistry 1515 and 1516. Students will receive eight (8) semester hours of undergraduate credit and will follow the YSU syllabus for course content. This course is part of the College Credit Plus program.

A fee is charged.

## SCIENCE

### **Environmental Science**

**All Year**

**1 Credit**

Prerequisite: 2 Science Credits

Environmental Science, a junior/senior elective, is a year long comprehensive course which provides the opportunity for a student to develop an understanding of, and acquire skills associated with, the varied disciplines of science from a global ecological perspective. Key applications will include the following: concept analysis, research and laboratory investigation; key concepts will include, but are not limited to, studies in the atmosphere, hydrosphere, lithosphere, population studies, global resource management, and sustainability.

A fee is charged.

### **Fundamentals of Physics**

**All Year**

**1 Credit**

Prerequisite: Strong performance in Algebra 1, Algebra 2, Geometry and teacher recommendation

Through a project-based course of study, students see how mathematics (Algebra based) applies to their everyday environment. This course is a qualitative and quantitative look at several central themes in physics: data analysis, vectors, motion, force energy, waves, sound, light, optics, electricity and magnetism. Emphasis is placed on laboratory exploration of events familiar to students' lives and thought-provoking classroom/individual projects as well. Several times during the semester students will be assigned individual/group projects to illustrate their understanding of current concepts. This course will provide students with a strong background that is both necessary for future reference in college and useful in today's world. While a solid background in the above-mentioned math areas is indeed necessary, this class places primary emphasis on comprehension and application, rather than computation.

A fee is charged

### **STEM Physics CCP**

**All Year**

**1 1/3 Credit**

Prerequisite: Concurrently taking Calculus or higher

STEM Physics is a course in introductory mechanics designed for students that wish to major in a STEM field and/or gain college credit through the College Credit Plus program. While the goals of the course are the same as Fundamentals of Physics, topics will include the following, which are designated as part of the Physics 1501 course at Youngstown State University: One and Two Dimensional Kinematics, Newton's Laws, Forces in One and Two Dimensions, Momentum and Impulse, Energy, Rotational Motion, Torque, Angular Momentum, Simple Harmonic Motion, Mechanical Waves, and Sound. Students will receive five (5) semester hours of undergraduate credit.

A fee is charged



**Human Anatomy and Physiology 1**                      **1 Semester**                      **½ Credit**

**Human Anatomy and Physiology 1 CCP**    **1 Semester**                      **1 Credit**

Prerequisite: Biology and Chemistry

This one semester course is designed to help meet the needs of those who have selected future careers in nursing, biology, pharmacy, or related medical fields. Topics include body organization, biological chemistry, homeostasis, cytology, histology and the integumentary, skeletal, muscular, nervous system and special senses. Other topics include pathophysiology, nutrition, metabolism, homeostatic mechanisms, fluid, electrolyte, and acid-base balance. Lab experience is included. This course offers students college credit through the College Credit Plus program as Eastern Gateway Community College course BIO107. Students will receive four (4) semester hours of undergraduate credit.

A fee is charged

**Human Anatomy and Physiology 2**                      **1 Semester**                      **½ Credit**

**Human Anatomy and Physiology 2 CCP** **1 Semester**                      **1 Credit**

This one semester course provides a continuation of the comprehensive study of the anatomy and physiology of the human body. Topics include a review of the endocrine system, followed by an in-depth study of the cardiovascular, lymphatic, respiratory, digestive, urinary, and reproductive systems as well as metabolism, nutrition, pathophysiology, acid-base balance, and fluid and electrolyte balance. Lab experience is included. This course offers students college credit through the College Credit Plus program as Eastern Gateway Community College course BIO108. Students will receive four (4) semester hours of undergraduate credit.

**Botany and Horticulture**                      **1 Semester**                      **½ Credit**

Prerequisites: "C" or better in Biology, Chemistry and Algebra 1

Botany and Horticulture, the art and science of the cultivation and care of plants, investigates the basic development of plants and the interaction of plants and society. This class will provide basic plant science knowledge, acquired lab skills relevant to the propagation of plants, examine and understand the influence of plants on society and evaluate new developments with technology. Students will apply the scientific method to evaluate experimental data and design. Utilizing our greenhouse and planters, students will learn how to manage, clean, maintain, care for and keep a greenhouse organized while growing plants suited for the season. Students will take quizzes, exams, complete projects, write papers, make presentations and maintain daily journal logs of their plants. Graphing and math will be utilized in this qualitative and quantitative class.

A fee is charged

**Physical Geology**                      **1 Semester**                      **½ Credit**

**Physical Geology CCP**                      **1 Semester**                      **1 Credit**

Prerequisites: "A" or "B" in Biology, Chemistry and Algebra

Physical Geology is a college level class focusing on the composition and structure of the earth, its rocks and minerals, surface, erosional and depositional features, and the agents that form them. It includes the study of various physical and chemical processes acting on and within the earth. Topics include plate tectonics, volcanoes, weathering and erosion, earthquakes, streams and ground-water, glaciers, shorelines, faults and geologic structures. The laboratory component includes identification of minerals and rocks, and the interpretation of topographic and geologic maps. This course offers students college credit through the College Credit Plus program as YSU course GEOL1505. Students will receive four (4) semester hours of undergraduate credit.

A fee is charged

## SOCIAL STUDIES

### INTRODUCTION

The Social Studies courses of World History, U. S. History, Government, Psychology, Economics, Introduction to Criminal Justice, AP Art History and History of Fine Arts form the knowledge and methodological base for the Social Studies curricula. The courses are aligned with the state standards. This background and information function to provide the dates, concepts, generalizations, and theories from which students learn. Each student, in order to graduate, must take World History (1.0), U.S. History (1.0), U.S. Government (0.5), and an additional .5 elective credit in Social Studies.

#### College World History

All Year

1 Credit

This course is a more in depth look at the 17<sup>th</sup> century to the present. The course is still aligned with all state standards. This class is for students who are following a college preparatory program. The majority of this class is run with a lecture/discussion method. The use of the multi-media center will be utilized and research projects will be expected by all students.

#### Honors World History

All Year

1 Credit

Honors World History is a course that is for the motivated student who wishes to move quickly and study many parts of the 17<sup>th</sup> century to the present in a much more in depth fashion than other courses. The use of essay tests will be used very often and presentations will be expected by all students. This is a prerequisite for taking AP United States History.

#### College United States History

All Year

1 Credit

College United States History is a chronological/thematic study of American History from the late 19<sup>th</sup> century to the present. This is a traditional course for college bound sophomores with instruction based on a lecture/discussion format, emphasizing critical thinking and writing skills necessary for success at the college level.

#### AP United States History

All Year

1 Credit

Honors United States History is a fast paced course designed to give the highly capable, motivated students an intensive study of American history. The course involves the indepth reading and analysis of a significant body of historical writing from the colonial era to the present. A lecture/discussion format is used in the class, heavily emphasizing the development of critical thinking skills. Historical analysis is done by way of thematic essays and research papers as well as oral presentations. Students will also be required to complete summer work and to take the AP test in the spring.

#### AP Art History

All Year

1 Credit

The curriculum for this course is modeled after introductory college level art history survey courses and reflects the College Board AP Art History Course Description. Tests and quizzes are given throughout the year using the format of the AP Art History Exam with multiple choice, short answer, and long essay questions, some of which are based on slides. Students are to approach their study in a self-disciplined manner, including preparation for class, reading, visual and written note taking, essay writing, and class participation. Students enrolled in this course are required to take the AP Art History examination in the spring, and may possibly score high enough to receive college credit for the course. This class will fulfill either a social Studies or a Fine Arts requirement.

**Advanced U.S. Government**                      **1 Semester**                      **½ Credit**

**Advanced U.S. Government CCP**                      **1 Semester**                      **1 Credit**

This study of the nature and structure of American government includes an overview of federal, state, county, and local systems. Emphasis is placed on the structure of the U.S. Constitution, the functions of the three branches of government, and the major founding documents of the American System. The course may require participation in outside classroom activities/events and classroom debates that relate to the course outcomes. This course offers students college credit through the College Credit Plus program as Eastern Gateway Community College course PSC101. Students will receive three (3) semester hours of undergraduate credit.

**College U.S. Government**                      **1 Semester**                      **½ Credit**

This government class is meant for a college bound student, and is designed to take you through the workings of our American democracy; through all three levels and all three branches, including various milestones throughout the history of our government. We will also take time to examine the extension of civil rights to disenfranchised minorities, how Ohio's government aligns with the federal system, and will explore the relationship between the government and the economy. We will also examine Public Policy, how it is created and who is creating it, as well as how we, as citizens, can influence its creation. We will cover many other governmental topics including an in depth look at our Constitution and local government leaders, just to name a few. Keep in mind though, this is NOT a history class; government is alive and ever changing and you need to be aware of that if you are to become well rounded citizens. Students will also be required to complete several projects and attend two local government meetings (Village Council, Township, Board of Education.)

**Psychology**                      **1 Semester**                      **½ Credit**

Psychology is primarily designed for the college bound student. It stresses a general introduction into the field of psychology. It includes basic theories of psychology: 1 - Personality, 2 - Learning, 3 - Perception and other concepts. The course will also deal with the maturing process from infancy through old age stressing the psychological occurrences during those stages.

**Economics**                      **1 Semester**                      **½ Credit**

Economics features hands-on operation of a small company and occasional visits from local business leaders, in addition to the study of basic economic theory. At least one third of the class is dedicated to increasing student knowledge of personal finance. One personal finance book review is required, as well as participation in a stock market simulation. Speakers on finance, insurance, banking, taxes and entrepreneurship will be invited to class. **THIS COURSE SATISFIES THE FINANCIAL LITERACY REQUIREMENT FOR THE GRADUATING CLASSES OF 2023, 2024 & 2025.**

**History of Fine Arts**                      **1 Semester**                      **½ Credit**

Prerequisite: World History and a Junior or Senior standing.  
History of Fine Arts is a multi-disciplinary course in art, music, literature, and architecture. It is presented on a continent-by-continent basis. The text will be enhanced by lectures, class discussion, the use of slides, compact discs, videos, and the reading of selected poetry and short stories. The class will fulfill **either** a Social Studies **or** a Fine Arts requirement at state universities in Ohio.

**Intro to Criminal Justice**                      **1 Semester**                      **½ Credit**

**Intro to Criminal Justice CCP**                      **1 Semester**                      **1 Credit**

A survey of the philosophy and principles of the American criminal justice system is offered. The roles of the peace officer, corrections officer, attorneys, and judicial system are presented; respective functions within the system are examined. This course offers students college credit through the College Credit Plus program as Eastern Gateway Community College course CJT101. Students will receive three (3) semester hours of undergraduate credit.

## MULTIMEDIA DESIGN

### Video Production

1 Semester

½ Credit

Students will learn about the video production process and create various short films throughout this course. Students will learn how to use Adobe Premiere Pro, Adobe After Effects, and Garageband to edit and enhance their videos. Students will analyze a variety of films to learn how to properly tell their story and investigate different styles of filmmaking, cinematography, and technical aspects of making a video. It is recommended that students have an interest in writing original stories. **Students will be required to perform approximately 15 hours of out-of-class production time.**

### Computer Animation

1 Semester

½ Credit

Prerequisite: Must be in 10th-12th Grade

Students will learn how to design original 2D characters using Adobe Illustrator. Students will take their original drawings and animate them using Adobe Animate, Character Animator, and After Effects. This class is designed as an introduction into basic computer animation.

### App Design 1

1 Semester

½ Credit

Have you ever wondered how to create mobile computer applications like the ones you have on your phone? This course will explore the step by step process of App Design using App Lab (Javascript) and Adobe XD. **No computer coding experience is necessary.**

### App Design 2

1 Semester

½ Credit

Prerequisite: App Design 1 & Teacher Permission

Students will build upon what they learned in App Design 1 and create a fictitious school appropriate business of their choosing. Students will develop a website and app, and create social media to help potential customers navigate through their business model. If you have ever thought about starting your own business, this is a great place to start!

### Game Design 1

1 Semester

½ Credit

Students will learn to program, design, prototype and test their own analog and video games. In addition to creating one's own unique games, students learn video game history, theory, and production. Students will use Game Lab in Code.org (Javascript).

### Game Design 2

1 Semester

½ Credit

Prerequisite: Game Design 1, Teacher Permission and must be in 10th-12th Grade.

Students will build upon what they learned in Game Design 1 to create games in Stencyl. Students will also create an analog (non computer) game and its components.

**Sports Media****1 Semester****½ Credit**

Would you like to explore a career in Sports Broadcasting? This course allows students to investigate all aspects of broadcasting live internet high school sporting events including football, soccer, and basketball. Students will learn how to properly set up equipment, create interesting and informative graphics, and interview coaches and athletes.

## **CO-CURRICULARS OFFERED AT P.S.H.S.**

Academic Challenge Team

Art Club

Family, Career, & Community Leaders of America

Interact Club

Italian Club

Leadership

Literary Magazine

National Honor Society

Pioneer (Yearbook)

Poland Players

Science & Outdoor Club

Seminarian (Newspaper)

Spanish Club

Speech Team

Student Council

Inter-scholastic Athletic Programs:

Baseball

Softball

Girls Basketball

Boys Basketball

Boys Cross Country

Girls Cross Country

Boys Track

Girls Track

Football

Boys Golf

Girls Golf

Boys LaCrosse

Girls LaCrosse

Boys Soccer

Girls Soccer

Boys Swimming & Diving

Girls Swimming & Diving

Boys Tennis

Girls Tennis

Volleyball

Wrestling

**Visit our website for more information: [polandbulldogs.com](http://polandbulldogs.com)**