

# COURSE CATALOG



**2019-2020**

1201 Main Street  
Batavia, IL 60510  
Main Line: (630) 937-8600  
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# **BHS ADMINISTRATION**

**Dr. JoAnne Smith**

Principal  
(630) 937-8611

[Email](#)

**Dave Andrews**

Associate Principal for Operations/Athletic Director  
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Associate Principal for Academics  
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**Jerad Beckler**

Assistant Principal Freshman House  
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**Tara Jerbi**

Assistant Principal Sophomore House  
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**Brian Gamlin**

Assistant Principal Junior/Senior House  
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## **Administrative Support**

<b>Donna Galas</b> Attendance (630) 937-8620	<b>Betsy Rigler</b> Finance (630) 937-8605	<b>Kelli Robinson</b> Registrar (630) 937-8631	
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# **BHS House Model of Support**

## **Freshman House**

<b>Jerad Beckler</b>	Assistant Principal	(630) 937-8912
<b>Alton Rollerson</b>	Counselor	(630) 937-8626
<b>Sebastian Oros</b>	Social Worker	(630) 937-8683
<b>Dale Krypel</b>	Secretary for Freshman House	(630) 937-8622

## **Sophomore House**

<b>Tara Jerbi</b>	Assistant Principal	(630) 937-8618
<b>Cheryl Curry</b>	Counselor	(630) 937-8617
<b>Jacqueline Palmer</b>	Social Worker	(630) 937-8635
<b>Joanne Piron</b>	Secretary for Sophomore House & Student Services	(630) 937-8621

## **Junior & Senior House**

<b>Brian Gamlin</b>	Assistant Principal	(630) 937-8625
<b>Gia Russo</b>	Counselor (A-G)	(630) 937-8627
<b>Erin Hack</b>	Counselor (H-O)	(630) 937-8623
<b>Corey Bernard</b>	Counselor (P-Z)	(630) 937-8927
<b>Bethany Rutsay</b>	Social Worker	(630) 937-8624
<b>Shana Rydholm</b>	Secretary for Junior/Senior House and College & Career	(630) 937-8629

## **Additional Student Support**

<b>Paige Buttels</b> Career Counselor (630) 937-8696	<b>Amy Henrikson</b> Psychologist (Jr-Sr) (630) 937-8628	<b>Kelli Anas</b> Outplacement Coordinator (630) 937-8643
<b>Lauren Nelson</b> Psychologist (Freshmen) (630) 937-8964	<b>Katie Zielecki</b> Registered Nurse (630) 937-8606	<b>Kim Garcia</b> SpEd Transition Specialist (630) 937-8632
<b>Katherine Breslin</b> Psychologist (Sophomores) (630) 937-8634	<b>Justin Howe</b> School Resource Officer (630) 937-8925	<b>Linda Lee-Saflarski</b> Speech Language Pathologist (630) 937-8911

# **General Information**

## ***Course Request (all grades)***

The basis for a successful year in high school is careful course selection for that academic year. The best selections are made when the student and parent have complete and accurate information from which to make choices and decisions, so please read this carefully. The registration guide provides students and parents/legal guardians with information about high school graduation requirements, university and community college admissions requirements, course descriptions, special academic programs available to students, and more. With careful attention to the information presented here, a student can make a tentative four-year plan for high school that is based on options available upon graduation from high school. Additional opportunities will be available to choose courses that may potentially meet college credit needs or may enhance future career opportunities.

The registration process begins in January each year and concludes in late February. Detailed information will be shared with students and parents/guardians about the process in early December each year. Students and parents/legal guardians can also gain additional insight into high school planning by attending special presentations offered by the high school throughout the year. These programs are listed on our BHS website. The registration process is filled with many opportunities for discussion, approval of courses, and previews of courses offered. Since there is a system of checks and balances in place, we make every effort to allow student choice in the selection process, catch misplacements, and determine balances in schedules so students have to make final decisions of student schedules once the portal closes and the counselors review the student's' schedule. *Because of the intensity of our registration process to meet all student needs, schedules will not be changed once the portal closes.* Please keep this in mind when registering for courses

Although we make every effort to eliminate the need for schedule changes, changes to a student's schedule may occur prior to the start of school only if the student:

1. Attended summer school, thus creating a need for a change.
2. Scheduled for a class in which the student has already earned a credit, or failed a course that is a prerequisite for the scheduled class.
3. Has not been scheduled for the number of classes required by the school.
4. A specific course is needed for graduation.
5. A change of schedule is needed to accommodate administrative decisions.

## **Course Placement Procedures**

Students are placed into core academic classes based upon their standardized testing data, teacher recommendations, and prior achievement data.

## **Appeals**

Students or their parents can appeal a placement by simply filling out this [form](#). Appeals need to be made by the time the portal closes. The appeal will be reviewed by the curricular supervisor in charge of that area.

## Course Descriptions

<b>College Prep</b>	These are courses that provide instruction to develop skills in reading, reasoning, higher level thinking, computation, laboratory science, and foreign language. They ready students for university and college work, as well as other post-secondary options.	
<b>Honors (H)</b>	These are courses that demand high levels of cognitive and problem-solving processes and independent work. A rigorous instructional pace allows for both curricular depth, and enrichment. They prepare students for university and college work, as well as future study in Advanced Placement courses.	50% increase in information covered Increased depth and topics covered Increased speed Increased expectations for memorization
<b>Advanced Placement (AP)</b>	These are highly challenging courses with expectations that students will work independently and demonstrate high levels of critical and analytical thinking, reading, and writing. The textbooks and materials used are above grade level or at college level. The goal of the course is to prepare the student for the Advanced Placement exam; which may permit a student to receive college credit and/or placement. All Illinois public universities and community colleges must award college credit to students with an AP exam score of 3 or higher.	75%-100% increase in information Increased depth and topics covered Increased speed Higher levels of expectations for memorization of raw facts

### Grading Scale

Student GPA will be capped at a benchmark of 4.375. To achieve this benchmark students need to average 3 Honors/AP courses per year and earn a grade of an A in every course.

	<b>90-100%</b>	<b>80-89%</b>	<b>70-79%</b>	<b>60-69%</b>
College Prep	A = 4.0	B = 3.0	C = 2.0	D = 1.0
Honors/AP	A = 5.0	B = 4.0	C = 3.0	D = 2.0

### Dual Credit Policies

Waubonsee Community College offers classes that students may take and receive both high school and community college credit. These offerings vary, so check with your counselor if you are interested.

1. Students must meet WCC requirements (see your counselor).
2. Students must pay tuition, fees, and all other costs for class.
3. Students must provide their own transportation to WCC.
4. Students must be enrolled in the equivalent of four high school courses at all times. WCC classes that are not dual credit will not replace the four course enrollment requirement.
5. Three college hours will transfer as one high school credit.
6. Grades and credits will be included on BHS transcript and be included in GPA.
7. To confirm the grade for the final BHS transcript, an official transcript from WCC must be provided. Failure to provide this will result in an "F" on the transcript.
8. If the student should drop the WCC class, the high school must be notified immediately. The student will receive an "F" for the course and must also re-enroll in a high school course as soon as possible (beginning of next term).

### **Articulated Credit Transfer**

Students who earned an A or B in each of the following courses are eligible for college credit through Waubensee Community College: Accounting I, Child Care Lab, Graphics I, Graphics II, Graphic Arts Studio and Technical Drawing. For more information on articulated credit, please visit the [Valees website](#). Students will need to complete the [Articulated Credit Form](#).

### **Course Fees**

Some classes have associated fees which cover consumables. These fees are paid during registration in August. The fees are listed below each course description and subject to change.

### **Add or Drop a Class**

Class schedules (only *initiated by BHS*) may be changed for the following reasons:

- A student does not meet the course requirements.
- A student needs to reschedule a required course.
- Class sizes need to be balanced.
- A course a student has selected cannot be scheduled.
- Unbalanced schedule

### **7th Semester Graduation Policy**

Though 7th semester graduation is not recommended, it may be in the best interest of some students. These rules apply:

1. Students may apply for this during the registration process during their senior year. In some cases, students may begin planning for this option with their counselor as early as freshman year.
2. No credits may be transferred in to complete requirements unless there is a hardship circumstance.
3. Hardships may fall into the categories of:
  - Emancipated student
  - Family relocation
  - Personal/social issues
  - Acceleration into post-secondary education

### **Removing a Student with Excessive Absences**

A student removed from class for the excessive absence policy will receive a grade of “F” and the course and grade will appear on his/her transcript.

### **Students Behind on Credits**

Only **two** out of building credits will be accepted to allow a student to graduate on time. These courses must be approved by an administrator prior to enrolling in the course.

### **NCAA Clearinghouse Requirements**

Students who wish to participate in collegiate athletics at the Division I or II level must apply for certification with the National Collegiate Athletic Association (NCAA) Clearinghouse after their junior year in high school. Batavia High School counselors can assist students in completing this process if needed.

## What Colleges Look For

Preparing for college starts as early as the ninth grade, if not earlier. Parents and students often ask counselors, “What does it take for me to get into (Fill in the Blank) University?” That is a difficult question to answer, as competition has intensified for a spot at certain colleges, and it is hard to ascertain what factors colleges will emphasize in a particular year. We do know that colleges, especially those which are most competitive in admissions, seek students who are academically prepared for the rigors of college-level courses, who can contribute to their campus community, and who have a clear sense of why they are a good match for that college.

### **BHS Graduation Requirements**

English	4.0	Consumer Education*	.5
Social Studies	3.0	Government	.5
Math	3.0	Health	.5
Science	2.0	Physical Education	3.5
Elective Credits			9.0

**Minimum credits required for graduation: 26**

\*Economics or Incubator Entrepreneurship fulfills Consumer Ed requirement.

### **Grade Level Course Selection Guides**

[Grade 9](#)

[Grade 10](#)

[Grade 11](#)

[Grade 12](#)

# Art and Media

## *Fine Arts Pathway*

Art Fundamentals (2 terms B860)

2D Art (1 term B869)

Advanced 2D Art (1 term B862)

3D Art (1 term B871)

Advanced 3D Art (1 term B863)

AP Studio Art (2 terms B867)

## *Graphic Arts Pathway*

Graphic Arts I (2 terms B822)

Graphic Arts II (2 terms B824)

Graphic Arts Studio (2 terms B827)

Graphic Arts Studio II (2 terms B828)

Graphic Arts: Independent Study (2 terms B823)

## *Photography Pathway*

Photography I (1 term B856)

Photography II (1 term B859)

## *Theatre Pathway*

Theatre Arts (1 term B135)

Independent Theatre Study (1 term B139)

## *Video Production Pathway*

Video Production I (2 terms B146)

Video Production II (1 term B155)

Video Production III (1 term B156)

Independent Video Production (1 term B149)

## *Additional Art & Media Electives*

Film Studies (1 term B170)

Fashion Design and Marketing I (1 term B846)

\*Fashion Design and Marketing II (1 term B848)

Interior Design I (1 term B844)

\*Interior Design II (1 term B849)

*\*Pending Board of Education Approval*

**Art Fundamentals** (2 terms, 1 credit)

**Prerequisite:** None

**Level:** Fr, Soph, Jr, Sr

**Fee:** \$40.00

Art Fundamentals is an introductory course that explores a variety of 2-dimensional and 3-dimensional approaches including: drawing, painting, ceramics, and sculpting. Previous art experience is not necessary for this course, as each student will create and grow artistically at their own level. The goal for students is to express and share their personal narratives and voice through the creation of art. Over the course of the semester, students will gain a better understanding of why we create art, and the importance that art plays in our culture. Art Fundamentals is a prerequisite for advanced studio art courses. If interested in pursuing advanced art courses, it is recommended to take Art Fundamentals as a freshman or sophomore.



### **2D Art** (1 term, .5 credit)

**Prerequisite:** Art Fundamentals for Freshmen, Sophomores and Juniors; Seniors no prerequisite required

**Level:** Fr, Soph, Jr, Sr

**Fee:** \$30.00

Be creative. This course will focus on using drawing and painting media to refine artistic techniques and develop your personal style. Students will use critical thinking and the artistic process to make unique artworks that express their personal ideals, philosophy, and point of view. Express yourself-- as artists you have the power to make change. All people question life and all art is an expression of our thoughts, hopes, and dreams.

### **Advanced 2D Art** (1 term, .5 credit)

**Prerequisite:** 2D Art

**Level:** Fr, Soph, Jr, Sr

**Fee:** \$30

If you loved 2D Art and want to continue to explore drawing and painting, this course will allow you to push your skills even further. Students will work to refine conceptual ideas and artistic merit by working with a variety of media and developing their own projects to expand their personal portfolio. If you know you would like to complete a 2D AP Portfolio, this is a great class in which to hone your skills.

### **3D Art** (1 term, .5 credit)

**Prerequisite:** Art Fundamentals for Freshmen, Sophomores and Juniors; Seniors no prerequisite required

**Level:** Fr, Soph, Jr, Sr Elective

**Fee:** \$40.00

If you love sculpting, or are thinking about giving it a try, this class is for you. Each section of 3-D art is a different experience as every term students vote on the projects they will complete. Projects focus on helping students explain their life experience, express their opinions, and share their point of view through the creation of 3D art. Students will get to choose to work in clay or mixed-media sculpture, and may switch throughout the term. Necessary techniques will be taught to ensure the success of all. Come join 3D art for a unique art making experience.

### **Advanced 3D Art (1 term, .5 credit)**

**Prerequisite:** 3D Art

**Level:** Fr, Soph, Jr, Sr

**Fee:**

Do you love sculpting, and want to push your 3D skills further? Take Advanced 3D Art as it will build on the clay and mixed-media sculpting skills taught in 3D Art. In Advanced 3D you will be able to choose projects that highlight your artistic voice and vision while also deciding the 3D media in which you would like to work. We will focus on discovering your personal style, advanced technique development, portfolio building and risk taking in your work. If you know you would like to complete a 3D AP Portfolio this is a great class in which to hone your skills.

### **Advanced Placement Studio Art** (2 terms, 1 credit) **This course is repeatable**

**Prerequisite:** Two advanced art courses: 2D Art, 3D Art, Advanced 2D Art, or Advanced 3D Art.

Though not required it is most beneficial to take a sequence of courses: If you would like to work on a 2D Design or Drawing portfolio take 2D Art and Advanced 2D Art. If you would like to complete a 3D Design portfolio take 3D Art and Advanced 3D Art

**Level:** Jr, Sr

**Fee:** \$80.00\*

Advanced Placement Studio Art focuses on preparing students for the AP Studio Art portfolio submission. There are three types of portfolios for student to choose from: Drawing, 2D Design, and 3D Design. Each AP portfolio consists of two sections: quality and concentration. In the AP studio art class students as Juniors will work on their chosen portfolio completing the quality section and beginning their concentration section which is a thematic body of work. As Seniors they will finish their body of work

fulfilling the concentration section of their chosen portfolio. A complete AP Studio Art portfolio will not be finished over the duration of a single section of the course. The course must be repeated to complete the portfolio, or a student may fill in missing pieces with work from previous courses, summer work, and/or request an independent study. Portfolio submission is not required to take the course. A “B” or better in previous art courses is suggested.

\*Fees may not cover all expenses. Not all supplies are covered by the course fee due to the individual nature of the class. Students may be required to collect materials specific to their own art making needs.

### **Fashion Design and Marketing I** (1 term, .5 credit)

**Prerequisite:** None

**Level:** Fr, Soph, Jr, Sr

**Fee:** \$40.00

Fashion Design and Marketing is a course geared for students who love fashion design and styling garments. During this course, students will explore the background of fashion history, design styles, current market trends, and learn various design basics, including entry level sewing techniques. Additionally, students will create their own conceptual fashion designs, while learning how to marker render on the human figure.

### **Fashion Design and Marketing II** (1 term, .5 credit)

**Prerequisite:** Fashion Design and Marketing

**Level:** Fr, Soph, Jr, Sr

**Fee:** \$40

Dive deeper into the fashion industry with Fashion Design and Marketing II. This course builds upon basic skills acquired in Fashion Design and Marketing I, by further developing artistic skill and knowledge of industry standards. During this course, students will push the boundaries of conceptual design with advanced level rendering, and create their own wearable garment while learning more advanced sewing techniques.

### **Interior Design I** (1 term, .5 credit)

**Prerequisite:** None

**Level:** Fr, Soph, Jr, Sr

**Fee:** \$40

Interior Design is a course geared for students who enjoy interior design and decorating. During this course, students will explore the background of interior design history, design styles, current trends, and learn various design basics, which are integral to creating beautiful and aesthetically pleasing spaces. Additionally, students will plan an interior design space for a “mock” client, while learning how to accurately draw and marker render in perspective.

### **Interior Design II** (1 term, .5 credit)

**Prerequisite:** Interior Design

**Level:** Fr, Soph, Jr, Sr

**Fee:** \$40

Dive deeper into the interior design industry with Interior Design II. This course builds upon basic skills acquired in Interior Design I, by further developing artistic skill and knowledge of industry standards. During this course, students will learn advanced level perspective and rendering techniques, and stretch the limits of commercial or residential design by creating their own ideal spaces.

**Film Studies** (1 term, .5 credit)**Prerequisite:** None**Level:** Soph, Jr, Sr**Fee:** \$13.00

The purpose of this course is to promote media literacy. We will view films, both American and foreign, as works of literature to be studied using critical thinking skills and an understanding of the cultural and historical context. We will also examine the effects of cinematography and production techniques on our understanding of the film's meaning. The students will study classic films, various genre films, and contemporary films from both independent and major studios. We will study films directed by Hitchcock, Spielberg, Kurosawa, and others.

**Graphic Arts I** (2 terms, 1 credit)**Prerequisite:** None**Level:** Fr, Soph, Jr, Sr**Fee:** \$35.00

This course combines art and technology to communicate ideas. It models a variety of occupations and skills used in the exciting and creative Graphic Arts Industry. Students will learn the basics of Computer Illustration, Layout and Design, Typography, and Digital Imaging. Students will also become familiar with design and production techniques with industry standard software using Adobe Illustrator, Adobe Photoshop, Adobe InDesign, and post production techniques for finishing. Projects include computer illustrations, button design and production, dye sublimation printing, heat transfer, and more. At the completion of this course, students can earn 3 articulated college credit hours at Waubensee Community College.

**Graphic Arts II** (2 terms, 1 credit)**Prerequisite:** Graphic Arts I/A grade of "C" or better is recommended**Level:** Fr, Soph, Jr, Sr**Fee:** \$35.00

This course builds upon basic skills acquired in Graphic Arts I and moves into more advanced work that combines art and technology to communicate ideas. Students will continue with advanced study of Layout and Design, Typography, and Digital Imaging using Adobe Illustrator, Adobe Photoshop, and Adobe InDesign. Screen and digital printing will be used to produce a variety of projects including: t-shirts, vinyl stickers, product design, large format posters, and a finished portfolio of your project work. At the completion of this course, students can earn 6 articulated college credit hours at Waubensee Community College.

**Graphic Arts Studio** (2 terms, 1 credit)**Prerequisite:** Graphics II w/ a grade of B or better is recommended, or instructor approval**Level:** Soph, Jr, Sr Elective**Fee:** \$30.00

Students will learn and train in a studio environment. Graphic Arts Studio is recommended for students interested in a career or major in a graphics related field. Students will choose a learning pathway related to their post-secondary interests. Pathways include 1) Advanced Design & Illustration, 2) Production Technologies, 3) Printmaking, 4) Community & Client-based Design, and 5) Portfolio Development. Each pathway will ensure students develop advanced graphics related skills that will support transition to college or entry level work in the field of graphic communications.

**Graphic Arts Studio II** (2 terms, 1 credit)**Prerequisite:** Graphics Studio w/ a grade of B or better is recommended, or instructor approval**Level:** Soph, Jr, Sr Elective**Fee:** \$30.00

Students will continue to learn and train in a studio environment while focusing on community and client based design and career related skills. Students will assume a leadership role in design and production

tasks for real world community based graphics projects. This work-based learning environment will ensure students develop advanced graphics related skills that will support transition to college or entry level work in the field of graphic communications. A final portfolio of student created work is required. This course runs concurrently with Graphic Arts Studio I.

**Graphic Arts: Independent Study** (2 terms, 1 credit)

**Prerequisite:** Graphic Arts I, Graphic Arts II, Graphic Arts: Studio and instructor approval; Can take while enrolled in *Graphic Arts: Studio* with instructor approval

**Level:** Sr

**Fee:** \$30.00

Independent Study is an in school experience that allows students to expand their design and production education in their own way, gain more practical experience with client based graphics work, or to take on an additional pathway from Graphic Arts: Studio. This is only available to students who have taken Graphic Arts I, Graphic Arts II, and Graphic Arts: Studio. This course can be taken concurrently with Graphic Arts: Studio with instructor approval. Important factors in approving a student for independent study are his/her self-directedness, dependability, conscientiousness, and sincerity in pursuing learning. As an advanced class, the students are expected to conduct themselves in a manner appropriate to their placement. Students must have instructor approval to enroll in the class.

**Photography I** (1 term, .5 credit)

**Prerequisite:** None

**Level:** Fr, Soph, Jr, Sr

**Fee:** \$50.00 (includes all supplies except camera)

What can you show us? Photography has the power to inspire, educate, heal, document, explore, and enlighten. Through the lens of a camera, we are able to create something that expresses a little bit of ourselves. In this course, you will learn how to capture and control light using the camera and how to produce a quality print with a photographic enlarger, darkroom techniques and proper use of photographic chemicals. You will learn the importance of composition and point of view when capturing an image and be able to explore your own artistic “voice” through various projects. In order to learn about exposure, depth of field, and film, students will need to bring an adjustable 35mm single lens reflex camera. Older manual cameras like the Pentax K1000, the Minolta SRT101, or the Vivitar 3800 are great starter cameras. Automatic cameras are ok if they have a manual mode and adjustable features. In addition to traditional film photography, you will learn the basics of digital photography and Adobe Photoshop so you will also need access to a basic point and shoot digital camera.

**Photography II** (1 term, .5 credit)

**Prerequisite:** Photography I

**Level:** Fr, Soph, Jr, Sr

**Fee:** \$60.00 (includes all supplies except camera)

Do you have a passion for photography? What do you see when you look through the lens of a camera? What can you share with the rest of the world? This course is for those who excelled in Photography I, are highly motivated, and want to develop more advanced skills. Students will explore a variety of technical and artistic projects in order to develop a conceptual portfolio. Students will need access to the same equipment outlined in Photography I. (Valees-I247) Grade of “B” or above in Photo 1 is recommended.

**Theatre Arts I** (1 term, .5 credit)

**Prerequisite:** None

**Level:** Fr, Soph, Jr, Sr Elective

**Fee:** None

Theatre Arts is designed for students who have an interest in acting, directing and script writing. Student performances include pantomimes, monologues, and duet scenes. Students write and direct short original scene, and improvisational theater is explored. The term ends with a final exam where favorite selections are performed to general student audience.

## **Independent Theatre Study**

Placement based on Teacher Approval

### **Video Production I** (2 terms, 1 credit)

**Prerequisite:** None

**Level:** Fr, Soph, Jr, Sr. Elective

**Fee:** \$21.00

Video Production I is an exciting hands on production class. After being introduced to field production using portable video cameras and video editing software, students will design, shoot, and edit their own commercial and music videos. Students will also get a first hand experience on how television programming is created in a studio setting. Those interested in the study of media (communications) will find this class to be a useful introduction to the field. In addition to hands-on experience, students will take a more in-depth look at television, film, and internet video in an effort to better understand the importance and influence of mass media in our society.

### **Video Production II** (1 term , .5 credit)

**Prerequisite:** Video Production I

**Level:** Soph, Jr, Sr. Elective

**Fee:** \$8.00

This one term class will build on camera and editing skills developed in Video Production I. We will focus on telling stories through video making. After we have studied narrative elements, character development and narrative structure, we will write our own screenplays. We will then shoot and edit them. It is recommended that students take Video Production III to complete the sequence.

### **Video Production III** (1 term , .5 credit)

**Prerequisite:** Video Production I

**Level:** Soph, Jr, Sr. Elective

**Fee:** \$12.00

This one term class will build on camera and editing skills developed in Video Production I. If it is more convenient, students may take Video Production III before Video Production II. In this class, we will watch and analyze documentaries in an effort to better understand their message and how they are produced. We will then produce our own documentaries or studio news programs. Next, we will get to choose what type of video we would like to make for our final project. Choices include, but are not limited to, music videos, documentaries, commercials, short comedies or short dramas. These final videos should represent our best work and may be eligible for entry in the annual MMEA Video Festival.

### **Independent Video Production** (1 term , .5 credit)

**Prerequisite:** Video Production I, II, & III

**Level:** Soph, Jr, Sr Elective

**Fee:** \$8.00

This one term class is for self-motivated, hardworking students who are seriously considering a college major in media production and/or have a passion for this field. Students may take this class only with teacher approval. Students will work independently on projects that they design. These projects should help students improve their skills while they build a portfolio. Student work should be top quality and worthy of entering our annual MMEA Video Festival. This course can be repeated with teacher approval.

# Business Education

The business curriculum is designed to meet the interests of all students and is structured with multiple sequences based upon student abilities and interests.

Introduction to Business (2 terms B801)  
Accounting I (2 terms B802)  
Accounting II (2 terms B803)  
Advertising (1 term B813)  
Business & Personal Law (1 term B815)  
Marketing (1 term B814)  
Incubator Entrepreneurship (4 terms B816)  
L.I.N.K (Learning Through Internships Nurtures Knowledge) (1 term B880)  
Teaching Assistant (1 term B15, can be repeated)

## **Graduation Requirement**

Consumer Education (1 term B812) **OR** Consumer Education: Online (1 term B811)  
**(Incubator Entrepreneurship or Economics also fulfills Consumer Education requirement)**

### **Introduction to Business** (2 terms, 1 credit)

**Prerequisite:** Not recommended for students who have already taken: Accounting, Marketing, or Advertising

**Level:** Fr, Soph, Jr, Sr Elective

**Fee:** None

This introductory course is designed as a first step for students who want to explore the world of business. Students will be introduced to a wide variety of business topics. Some of the topics will include: the stock market, business ethics, business management, entrepreneurship, human resources, marketing and much more. Throughout the course students will participate in an online stock market simulation. (Valees-B110)

### **Accounting I** (2 terms, 1 credit)

**Prerequisite:** (Recommended: Introduction to Business)

**Level:** Fr, Soph, Jr, Sr Elective

**Fee:** \$37.00

Anyone who deals with any phase of business can profit from an understanding of basic accounting principles covered in this first-year course. Students planning to attend college will find a high school introduction to the subject helpful. For students planning to operate their own business, this course is a must. The basic recording and summarizing of business transactions and interpreting the results are stressed. Applications of the computer for accounting transactions is included.

### **Accounting II** (2 terms, 1 credit)

**Prerequisite:** A grade of "C" or better in Accounting I is recommended

**Level:** Soph, Jr, Sr Elective

**Fee:** \$23.00

This course introduces the procedures to setup and process and complete computerized transactions for sales and purchases. You will learn how to set up systems for general ledger, accounts receivable, accounts payable, inventory, and cash transactions. It also illustrates how accounting principles apply to the "real world".

**Advertising** (1 term, .5 credit)**Prerequisite:** Recommended: Introduction to Business**Level:** Fr, Soph, Jr, Sr Elective**Fee:** None

This course is designed to acquaint students with a broad knowledge and understanding of the general principles of advertising. The student will become acquainted with the working environment in this field, as well as preparing the student as realistically as possible for the business world. Many concepts are discussed related to advertising, publicity, sales promotion, and advertising layout. Students will explore career opportunities, team building, and communication skills. Students will create an advertising campaign featuring all forms of print and broadcast media. (Valees-B240)

**Business & Personal Law** (1 term, .5 credit)**Prerequisite:** Recommended: Introduction to Business**Level:** Fr, Soph, Jr, Sr Elective**Fee:** None

This course will help students achieve an understanding of legal principles they will use throughout life. The foundations of business law will be explored, while introducing personal law topics that will apply to everyday experiences. Understanding business and personal law can help students manage real world legal situations. Students will study real cases along with practical hands on activities.

**Marketing** (1 term, .5 credit)**Prerequisite:** Recommended: Introduction to Business**Level:** Fr, Soph, Jr, Sr Elective**Fee:** None

This course is designed to acquaint students with the scope and importance of the field of marketing and distribution. Students have an opportunity to develop a basic knowledge, attitude, and skills needed for entering the field of marketing and management. The concepts introduced include marketing research, product design, pricing, packaging, and communications. Students will end with a virtual business simulation using all 7 functions of marketing.

**Incubator Entrepreneurship** (4 terms, 1 credit)**Prerequisite:** Recommended: Introduction to Business**Level:** Soph, Jr, Sr Elective**Fee:** None

This full year A/B course is open to all sophomores, juniors, and seniors interested in business careers. This course is designed to get students excited about becoming real entrepreneurs. Students will have the opportunity to create and fully develop their own product or service. Real-world entrepreneurs and business experts will serve as coaches and mentors guiding student teams through the process of ideation, market research, and business plan development. Over the course of the year, student teams will learn about marketing, accounting, human resources, as well as the legal aspects of running a business to get them geared up for presenting to a board, for receiving seed money. This presentation helps to further ignite the entrepreneurial spirit by putting student teams in front of actual investors to pitch their innovative idea and possibly win funding to turn their business plans into reality. Students planning on majoring in business or pursuing entrepreneurial opportunities should take this course. *This course also satisfies the Consumer Education requirement for graduation.*

**L.I.N.K. (Learning Through Internships Nurtures Knowledge)** (1 term, .5 credit)

**Prerequisite:** Application, Interview and availability of appropriate site.

**Level:** Jr, Sr Elective

**Fee:** None

The internship program is a nine week program which pairs a student with a professional in a career interest area of choice. The interns are not paid for their learning experiences.

Students must provide their own transportation. As part of their internship, students will be required to work with their sponsor and internship coordinator to create and complete their training plan, keep a journal and develop a portfolio of their experiences.

Internship Guidelines: 1) Students participating in internships will be expected to average 5 hours per week for 9 weeks (a total of 45 hours) for .5 credit. Students will receive a letter grade in the class; 2) Students will be limited to two (2) terms of internship in the same setting or job site; 3) Students will be limited to two (2) terms of internship during junior year and two (2) terms during senior year; 4) Students who have not yet participated in the internship program will have priority over students who have already participated; and 5) If a student's internship experience can be scheduled during school hours, the student will be allowed to leave campus for the internship site. You must provide your own transportation.

**Consumer Education** (1 term, .5 credit)

**Prerequisite:** None

**Level:** Sr

**Fee:** None

Consumer Education is required for graduation. The major units of emphasis in the course include installment purchasing, budgeting, comparison of prices, home ownership (including the basic process of obtaining a mortgage, fixed and adjustable rate mortgages, subprime loans, and predatory lending), and an understanding of the roles of consumers interacting with agriculture, business, trade unions, and government in formulating and achieving the goals of the mixed free enterprise system.

**Consumer Ed Online** (1 term, .5 credit)

**Prerequisite:** None

**Level:** Sr

**Fee:** None

Consumer Education Online meets the requirement for graduation and this course is designed to be completed online. The major units of emphasis in the course include installment purchasing, budgeting, comparison of prices, home ownership (including the basic process of obtaining a mortgage, fixed and adjustable rate mortgages, subprime loans, and predatory lending), and an understanding of the roles of consumers interacting with agriculture, business, trade unions, and government in formulating and achieving the goals of the mixed free enterprise system.

**Teaching Assistant** (1 term, 0 credit) Can be repeated

**Prerequisite:** Must have an overall GPA of 3.25 or higher and be a student in good standing

**Level:** Jr, Sr Elective

**Fee:** None

Students who have demonstrated proficiency in one or more subject areas will act as teacher aides or tutors in the classroom. This course may be repeated once during a school year with a maximum of four (4) times.



# **Building Trades, Engineering & Computer Science**

## **Building Trades**

Building Trades I (2 terms B836)  
Building Trades II (2 terms B838)

## **Engineering - Project Lead the Way**

Introduction to Engineering Design (Honors) (2 terms B819)  
Principles of Engineering (Honors) (2 terms B825)  
Civil Engineering and Architectural Design (Honors) (2 terms B826)

## **Computer Science**

Introduction to Computer Science (2 terms B833)  
Computer Science Principles (2 terms B818)  
\*AP Computer Science A (2 terms, B835)

*\*Pending Board of Education Approval*

### **Building Trades I (2 terms, 1 credit)**

**Prerequisite:** None

**Level:** Fr, Soph, Jr, Sr Elective

**Fee:** \$50.00

In this course students will explore and gain hands on experiences in the construction trades. Students will focus on: drawing and reading blueprints & diagrams for basic construction, framing sections of walls, floors, and rafters, along with a basic introduction to electrical wiring. The goal of the course is to offer students an introduction to the numerous career opportunities and skills required in the various construction trades. The course will culminate in the construction of a small scale structure in teams. (CTE - 17001A001)

### **Building Trades II (2 terms, 1 credit)**

**Prerequisite:** None

**Level:** Fr, Soph, Jr, Sr Elective

**Fee:** \$50.00

This course is designed to extend upon the skills and experiences students had in Building Trades I. Students will work to construct a small scale building while focusing on the following skills: drawing and reading blueprints & diagrams, framing, roofing, window and siding installation, electrical work, plumbing systems, insulation and drywall installation, painting, flooring, trim work, and finishing. The goal of the course is to offer students an introduction to the numerous career opportunities and skills required in the various construction trades. (CTE - 17002A001)

### **Introduction to Engineering Design (Honors) (2 terms, 1 credit)**

**Prerequisite:** None

**Level:** Fr, Soph, Jr and Sr elective

**Fee:** \$10.00

The major focus of the IED course is to expose students to the design process, research and analysis, teamwork, communication methods, global and human impacts, engineering standards and technical documentation. Students use 3D solid modeling design software to help them design solutions to solve proposed problems and learn how to document their work and communicate solutions to peers and members of the professional community. (CTE - 21006A001)

**Principles of Engineering (Honors) (2 terms, 1 credit)****Prerequisite:** Introduction to Engineering**Level:** Soph, Jr, Sr**Fee:** \$15.00

Designed for 10th-12th grade students, this survey course exposes students to major concepts they will encounter in a postsecondary engineering course of study. Topics include mechanisms, energy, statics, materials, and kinematics. They develop problem-solving skills and apply their knowledge of research and design solutions to various challenges, document their work and communicate solutions. (CTE - 21004A001)

**Civil Engineering & Architecture (Honors) (2 terms, 1 credit )****Prerequisite:** Introduction to Engineering Design or Principles of Engineering**Level:** Jr and Sr elective**Fee:** \$10.00

Students learn about various aspects of civil engineering and architecture and apply their knowledge to the design and development of residential and commercial properties and structures. In addition, students use 3D design software to design and document solutions for major course projects. Students communicate and present solutions to their peers and members of a professional community of engineers and architects. (CTE - 21012A001)

**Introduction to Computer Science (2 terms, 1 credit)****Prerequisite:** Successful completion of Algebra**Level:** Fr, Soph, Jr and Sr elective**Fee:** None

Designed to be the first computer science course for students who have never programmed before, this is an optional starting point for the Project Lead the Way (PLTW) Computer Science Principles course. Students will learn programming fundamentals using multiple programming languages such as Scratch, App Inventor, and Python. Students who have already taken Computer Science Principles are recommended to take this course if they enjoy computer science and want to learn more. (CTE - 10152A001)

**Computer Science Principles — Project Lead the Way (2 terms, 1 credit)****Prerequisite:** Successful completion of Algebra**Note:** This course can be a student's first course in computer science, although we encourage students without prior computing experience to start with Introduction to Computer Science.**Level:** Fr, Soph, Jr and Sr elective**Fee:** None

Computer Science Principles is intended to give students the opportunity to work in teams to develop computational thinking and solve problems. The course uses Python as a primary tool and does not intend to teach mastery of a single programming language, but instead a broadview of computer science concepts. Projects and problems include game design, app development, calculation algorithms, image filters, visualization of data, cybersecurity, and simulation. (CTE - 10152A001)

**AP Computer Science A (2 terms, 1 credit)****Prerequisite:** Successful completion of Intermediate Algebra and Computer Science Principles**Level:** Fr, Soph, Jr and Sr elective**Fee:** None

AP Computer Science A introduces students to computer science with fundamental topics that include problem solving, design strategies and methodologies, organization of data (data structures), approaches to processing data (algorithms), analysis of potential solutions, and the ethical and social implications of computing through the use of the Java programming language. The course emphasizes both object-oriented and imperative problem solving and design. These techniques represent proven approaches for developing solutions that can scale up from small, simple problems to large, complex problems.

# English

## **Freshman**

English I (2 terms B104)  
English I (H) (2 terms B106)

## **Sophomore**

English II (2 terms B110)  
English II (H) (2 terms B112)

## **Junior**

English III (2 terms B118)  
AP English Language and Composition (2 terms B121)  
AP Literature & Composition (2 terms B124)

## **Senior English Requirements**

AP English Language and Composition (2 terms B121)  
AP Literature & Composition (2 terms B124)  
First-Year Composition I & II Dual Credit (2 terms B127)  
\*Integrated Reading and Writing: Placement Credit (2 Terms B123)

## **English/Speech Electives**

Topics in Literature & Composition (1 term B160)  
Creative Writing (1 term B134)  
Journalistic Writing I: Fundamentals of Journalism (1 term B125)  
Journalistic Writing II: Newspaper Production (1 term B126) (Can be repeated)  
Argumentation & Debate (1 term B148)  
Public Speaking: Fundamentals of Speech Communication: Dual Credit (1 term B136) *Jr/Sr Only*

*\*Pending Board of Education Approval*

## **State Writing Requirement**

The State requires that every student take two writing intensive courses in order to meet requirements for a diploma. The following courses will satisfy this requirement:

**English I**  
**English II**  
**English III**  
**AP Language & Composition**

**AP Literature & Composition**  
**First-Year Composition I**  
**First-Year Composition II**  
**Integrated Reading and Writing**

**English I** (2 terms, 1 credit)

**Prerequisite:** None

**Level:** Fr Required

**Fee:** \$23.00

English I is a comprehensive course including literature, composition, grammar, and vocabulary study. Basic research, writing, and oral communication skills will be assessed. Each unit within the course builds on students' prior knowledge and skills in preparation for future coursework. In addition, the course further develops Common Core Literacy Skills in reading and writing in English and Language Arts.

**English I (Honors)** (2 terms, 1 credit)**Prerequisite:** None**Level:** Fr**Fee:** \$18.00

This course includes the study of literature from a variety of time periods and cultures including ancient Greek, Elizabethan, Victorian, and modern. Literary analysis is emphasized, and students' current knowledge and use of reading strategies are expanded and enhanced. Written work is both creative and expository in nature including stories, poetry, and essays. More advanced forms and genres are also explored. Two research projects reinforce basic research skills and focus on organization and source documentation. Vocabulary study is both contextual and academic, and grammar study includes the parts of speech, parts of the sentence, phrases, clauses, and usage. In addition, the course further develops Common Core Literacy Skills in reading and writing in English and Language Arts

**English II** (2 terms, 1 credit)**Prerequisite:** English I**Level:** Soph Required**Fee:** \$17.00

English II (Honors) is designed to continue the literature sequence introduced in English I, including vocabulary, short stories, novels, and drama. Through socratic seminars and critical analysis, students develop critical thinking skills. Writing improvement, including an awareness of style, is accomplished through composing, editing and revising formal essays and creative sketches. Mechanics and usage are emphasized, and study skill techniques are reinforced. Writing skills are incorporated in a essays building on the skills necessary for Advanced Placement English. Research skills are incorporated in a research unit. In addition, the course further develops and enhances Common Core Literacy Skills in reading and writing in English and Language Arts.

**English II (Honors)** (2 terms, 1 credit)**Prerequisite:** English I**Level:** Soph**Fee:** \$23.00

English II Honors is designed to continue the literature sequence introduced in English I, including vocabulary, short stories, novels, and drama. Through socratic seminars and critical analysis, students develop critical thinking skills. Writing improvement, including an awareness of style, is accomplished through composing, editing and revising formal essays and creative sketches. Mechanics and usage are emphasized, and study skill techniques are reinforced. Writing skills are incorporated in essays building on the skills necessary for Advanced Placement English. Research skills are incorporated in a research unit. In addition, the course further develops and enhances Common Core Literacy Skills in reading and writing in English and Language Arts.

**English III** (2 terms, 1 credit)**Prerequisite:** English II**Level:** Jr (Meets Junior English requirement)**Fee:** \$22.00

By surveying literary periods, including, but not limited to, Puritanism, Neoclassicism, Romanticism, Realism, and Modernism, students will further enhance and employ advanced Common Core Literacy Skills in reading and writing in English and Language Arts. The course emphasizes expository writing, vocabulary, grammar, and critical thinking skills. The course is designed for the college-bound student, and a major emphasis will be placed on research based writing.

### **AP English Language and Composition** (2 terms, 1 credit)

**Prerequisite:** English II/ English II (Honors)

**Level:** Jr/Sr (Meets Junior or Senior English Requirement)

**Fee:** \$41.00

An AP course in English Language and Composition engages students in becoming skilled readers of prose written in a variety of rhetorical contexts, and in becoming skilled writers who compose for a variety of purposes. Both their writing and their reading should make students aware of the interactions among a writer's purposes, audience expectations, and subjects, as well as the way genre conventions and the resources of language contribute to effectiveness in writing. AP Language and Composition is intended to help prepare students to successfully take the Advanced Placement Language and Composition Exam which may possibly earn students college credit. **There is a summer assignment associated with the course.**

### **AP Literature & Composition** (2 terms, 1 credit)

**Prerequisite:** English II/ English II (Honors)

**Level:** Jr/Sr (Meets Junior or Senior English Requirement)

**Fee:** \$41.00

An AP English Literature and Composition course engages students in the careful reading and critical analysis of imaginative literature. Through the close reading of selected texts, students deepen their understanding of the ways writers use language to provide both meaning and pleasure for their readers. As they read, students consider a work's structure, style and themes, as well as such smaller-scale elements as the use of figurative language, imagery, symbolism and tone. A seminar approach to discussion is employed, and literary works are examined in depth. Students are responsible for the completion of various forms of academic, expository writing. AP Language and Composition is intended to help prepare students to successfully take the Advanced Placement Language and Composition Exam which may possibly earn students college credit. **There is a summer assignment associated with this course.**

## **Senior English Requirements**

### **First Year Composition I & II: Dual Credit** (2 terms, 1 credit, 6 WCC credits hours)

**Prerequisite:** Must meet the WCC required score on English portion of the ACT, SAT or Accuplacer Test

**Level:** Sr (meets senior English requirement)

**Fee:** A \$48.00 fee may be assessed should the student elect to pursue dual credit

**First Year Composition I:** This course focuses on the writing and revising of expository essays and writing projects. It concentrates on the writing process, identifying and responding to different audiences and rhetorical situations, and understanding the conventions of format and structure in various discourse communities, including academic writing. Practice in critical thinking and essay development is emphasized.

**First Year Composition II:** This course focuses on the writing, researching and revising of expository essays and writing projects. The second of a two-course sequence, it concentrates on the writing process, identifying and responding to different audiences and rhetorical contexts, and understanding the conventions of format and structure in various discourse communities, including academic writing. Practice in critical thinking and essay development is emphasized. Students write analytical and argumentative essays, including an academic research paper. This course is the equivalent of ENG 101 & ENG 102 at Waubensee Community College. Students and parents should confer with their potential college choices about the transferability of this course.

**AP English Language and Composition** (2 terms, 1 credit)

**Prerequisite:** English II/ English II (Honors)

**Level:** Jr/Sr (Meets Junior or Senior English Requirement)

**Fee:** \$41.00

An AP course in English Language and Composition engages students in becoming skilled readers of prose written in a variety of rhetorical contexts, and in becoming skilled writers who compose for a variety of purposes. Both their writing and their reading should make students aware of the interactions among a writer's purposes, audience expectations, and subjects, as well as the way genre conventions and the resources of language contribute to effectiveness in writing. AP Language and Composition is intended to help prepare students to successfully take the Advanced Placement Language and Composition Exam which may possibly earn students college credit. **There is a summer assignment associated with the course.**

**AP Literature & Composition** (2 terms, 1 credit)

**Prerequisite:** English II/ English II (Honors)

**Level:** Jr/Sr (Meets Junior or Senior English Requirement)

**Fee:** \$41.00

An AP English Literature and Composition course engages students in the careful reading and critical analysis of imaginative literature. Through the close reading of selected texts, students deepen their understanding of the ways writers use language to provide both meaning and pleasure for their readers. As they read, students consider a work's structure, style and themes, as well as such smaller-scale elements as the use of figurative language, imagery, symbolism and tone. A seminar approach to discussion is employed, and literary works are examined in depth. Students are responsible for the completion of various forms of academic, expository writing. AP Language and Composition is intended to help prepare students to successfully take the Advanced Placement Language and Composition Exam which may possibly earn students college credit. **There is a summer assignment associated with this course.**

**Integrated Reading and Writing: Placement Credit** (2 terms, 1 credit, WCC Placement Requirements)

**Prerequisite:** English III/English III (Honors)

**Level:** Sr (Meets Senior English Requirement)

**Fee:** \$24.00

This course is taught in partnership with Waubensee Community College (WCC). Students completing this course will earn a credit of English at BHS as well as a placement credit for WCC. This does not count towards degree credits at WCC, but will ensure enrollment in 100 Level English Courses at WCC. This course will facilitate students' academic learning experiences as they develop competency with the academic reading and writing skills expected in college level classes. Upon completion of this course, students will be eligible to enroll in **First Year Composition I & II**. Students and parents should confer with their potential college choices about the transferability of this course.

## **English Electives**

*English Electives are options for Freshmen-Seniors unless otherwise noted.*

**Creative Writing** (1 term, .5 credit)

**Prerequisite:** None

**Level:** Fr., Soph, Jr, Sr Elective

**Fee:** \$3.00

In Creative Writing students write poetry, short stories, dramatic scenes, and nonfiction articles. They have the opportunity to enter their work in contests, and they learn how to submit work for publication. Focus is on 6-trait writing process, editing and revision of work.

**Topics in Literature and Composition** (1 term, .5 credit)**Prerequisite:** American Literature Level: Sr (meets senior English requirement)**Fee:** \$3.00

Topics in Literature encourages students to set goals and make choices that benefit their growth as a reader. Students study different aspects of an author's craft such as novel structure, setting, characterization, point of view, style, and theme with regards to texts of their own choosing. Throughout the term, students analyze and give evidence about texts of their choice through writing and conferences with their peers.

**Journalistic Writing: Fundamentals of Journalism** (1 term, .5 credit)**Prerequisite:** None**Level:** Fr, Soph, Jr, Sr Elective**Fee:** \$10.00

Students will be introduced to the study of journalism including ethics, interviewing, researching, writing, editing, rewriting and design. Students read various journalistic codes of ethics and create a code of their own; they also learn about issues such as bias, libel, objectivity, fairness and accuracy in reporting. Students will examine the media field and write articles in a variety of journalistic genres. Genres covered include inverted pyramid news, feature, sports, editorial and review writing. Students also learn the basics of photojournalism, page layout and design.

**Journalistic Writing: Newspaper Production** (1 term .5 elective credit, can be repeated)**Prerequisite:** Enrollment in or successful completion of Journalistic Writing I**Level:** Fr., Soph, Jr, Sr Elective**Fee:** \$10.00

Students with a strong desire to interview, write, edit, rewrite, and design will produce the school newspaper, The Spectator, for both the print and online publication. The class will emphasize strong reporting, research and interviewing skills, concise writing, editing and layout design. Students will need to meet deadlines and work independently as well as in a team. Opportunities for photography and artwork are offered. Please note that Journalistic Writing may require students to meet outside of class time in order to meet publication deadlines. This class may be repeated multiple times as an independent study.

**Argumentation & Debate** (1 term, .5 credit)**Prerequisite:** Strong writing and presentation skills**Level:** Fr., Soph, Jr, Sr Elective**Fee:** None

Argumentation and Debate in an English elective the combines writing, research, and speaking, with theory and practice of formal debate. Students learn how to create a structure argument, as well as, the techniques of cross examination. Over the course of the term, students participate in multiple policy and value debates on topics related to current events and student interest. This course is an excellent opportunity for college bound students to develop their critical thinking and speaking skills.

**Public Speaking: Fundamentals of Speech Communication-Dual Credit**

(1 term, .5 credits, 3 WCC credit hours)

**Prerequisite:** WCC Requirements**Level:** Jr, Sr Elective**Fee:** A \$24.00 fee may be assessed should the student elect to pursue dual credit

This dual credit course allows students to further examine the impact of different theories related to human communication, inter/intrapersonal communication, and group dynamics/problem solving. Students present original speeches in more stylized situations (roasts, toasts, soap boxes, farewell addresses, and motivational speeches). This course is the equivalent of COM 100 at Waubensee Community College. Students and parents should confer with their potential college choices about the transferability of this course.

# Family & Consumer Science

## **Culinary Arts**

Culinary Arts I (2 terms B840)  
Culinary Arts II (2 terms B841)  
Hospitality & Catering (2 terms B842)

## **Child Care**

Child Care Lab (2 terms B854)  
Child Development (1 term B843)  
Parenting (1 term B853)

### **Culinary Arts I** (2 terms, 1 credit)

**Prerequisite:** None

**Level:** Fr, Soph, Jr, Sr Elective

**Fee:** \$62.00

In this course you will have the opportunity to develop your knowledge of basic food principles, food preparation and nutrition. You will learn to plan and make decisions about food preparation and service, and how to make sure health, sanitation and safety requirements are met. Kitchen procedures and principles of cooking are presented through demonstrations and laboratory food preparation. During this course you will have adequate experiences with the principles and preparation techniques of quick and yeast breads, dairy and egg products, fruit and vegetables, grains, meats, cakes and cookies. (Valees-H110/115)

### **Culinary Arts II** (2 terms, 1 credit)

**Prerequisite:** Culinary Arts I/Grade of “C” or better is recommended.

**Level:** Soph, Jr, Sr Elective

**Fee:** \$58.00

Culinary Arts II is designed as an introduction to professional food service and quantity food preparation. Emphasis of the course is on skill development through the preparation of hot and cold foods and a variety of bakery products. Some topics include the history of food service, safety and sanitation, kitchen basics, equipment, cooking techniques, professionalism, management essentials, fruit garnishes, vegetables, stocks, sauces, soups, potatoes, grains, communication, and service of guests. Students experience quantity production baking and cooking through in-house catering.

### **Hospitality and Catering** (2 terms, 1 credit)

**Prerequisite:** Culinary Arts II/Grade of “C” or better is recommended.

**Level:** Soph, Jr, Sr Elective

**Fee:** \$58.00

Catering and Hospitality is designed as a continuation of Culinary Arts I in the study of food service and quantity food preparation. Emphasis of the course is on skill development in the following areas: dairy, eggs, breakfast foods, sandwiches, nutrition, salads, garnishes, meat, poultry, seafood, desserts and baked goods, cost control, purchasing and inventory, and marketing. The culminating project is the student-run “Bulldog Cafe”, where students develop a menu and go through all aspects of operating a cafe.

### **Child Development** (1 term, .5 credit)

**Prerequisite:** None

**Level:** Soph, Jr, Sr Elective

**Fee:** \$3.00

This is a course where students will gain knowledge and understanding of child development from prenatal through early adolescence stages with an emphasis on the young child. We will study and apply physical, social, emotional, cognitive, language and aesthetic principles. Discussion and classroom activities will explore child development in the context of gender, family, culture, society, and appropriate early childhood professional practices. (Valees-H125)



**Child Care Lab** (2 terms, 1 credit)

**Prerequisite:** Child Development/A grade of “C” or better is recommended.

**Level:** Jr, Sr Elective

**Fee:** \$7.00

This course examines the responsibilities of an early childhood professional, including practical guidelines for providing care for preschool-aged children and their families. State and local requirements, guidance techniques, communication with parents, health, safety, nutrition, learning experiences and multicultural education are all discussed.

If you enjoy associating with children, this class is for you. We recommend this class for students interested in a career in child and day care operations, parenting, pediatric nursing/doctor/ physical therapy, social work or teaching. Students will be working in an extended campus facility, such as a local preschool, daycare or K-2 elementary school, as well as in the on-campus Paw Print Preschool. Placements may require student transportation and/or a one or two step TB test plus fingerprinting (required by DCFS when working in preschools and daycare facilities).

Upon completion of this class, students may earn college credit per agreement with Waubonsee Community College. (Valees- H205B)

**Parenting** (1 term, .5 credit)

**Prerequisite:** None

**Level:** Jr, Sr Elective

**Fee:** None

This course will help you think through the responsibilities, satisfactions and stresses of parenthood. Many types of parenting situations will be examined. You will learn about family planning, pregnancy, postnatal development, the responsibilities of parenthood, and parenting and the law. You will build skills in planning, goal setting, decision making and maximizing valuable resources. Special attention will be given to problems and needs of teenage parenting to the importance of readiness for parenthood. (Valees-H715A)

# MATHEMATICS

The mathematics curriculum is designed to meet the needs of all students and is structured into three distinct sequences based upon student abilities. Students are required to take 3 credits of mathematics to graduate. It is recommended that a student be enrolled in a mathematics course each year. Students will be placed into their initial courses upon entry into Batavia High School and freshmen are required to complete coursework through any level of Intermediate Algebra. **Beginning sophomore year, students may elect to take two mathematics courses consecutively.**

**Algebra** (2 terms, 1 credit)

**Prerequisite:** Placement by current math teacher and counselor

**Level:** Fr

**Fee:** None - a graphing calculator (TI-84 or equivalent) is required.

Algebra is the foundation course of high school algebra with a focus on the study of variables and linear equations. Graphing techniques, abstract reasoning skills, and problem solving skills are developed and applied to real life situations. Algebra provides a strong base for future mathematics, science, and business-related courses. Topics include: expressions, equations, inequalities, linear models, systems of equations and inequalities, exponents, polynomials, functions, factoring, sequences, and exponential representations.

**Core Intermediate Algebra** (2 terms, 1 credit)

**Prerequisite:** Core Algebra

**Level:** Fr

**Fee:** None - a graphing calculator (TI-84 or equivalent) is required.

Core Intermediate Algebra is designed for those students who would need additional support with the traditional Intermediate Algebra course. Core Intermediate Algebra extends the study of algebra, its applications, and provides the bridge between Core Algebra and Core Advanced Algebra. The course makes regular use of the graphing calculator to make technology an integral part of the problem solving process. While similar algebra skills are covered, the material is paced to permit for mastery of content and further skill development.

Topics include: polynomials, factoring, quadratic and exponential functions, radical expressions, rational expressions and equations, analyzing equations and inequalities, graphing linear relations and functions, solving systems of linear equations and inequalities, statistics, and probability

**Intermediate Algebra** (2 terms, 1 credit)

**Prerequisite:** Algebra

**Level:** Fr

**Fee:** None - a graphing calculator (TI-84 or equivalent) is required.

Intermediate Algebra extends the study of algebra, its applications, and provides the bridge between Algebra and Advanced Algebra. The course makes regular use of the graphing calculator to make technology an integral part of the problem solving process.

Topics include: functions, solving & graphing quadratics, advanced systems of equations, radicals expressions & equations, rational expressions & equations, probability, and statistics.

**Intermediate Algebra Honors** (2 terms, 1 credit)

**Prerequisite:** Algebra

**Level:** Fr

**Fee:** None - a graphing calculator (TI-84 or equivalent) is required.

Intermediate Algebra Honors extends the study of algebra, its applications, and provides the bridge between Algebra and Advanced Algebra Honors. The course makes regular use of the graphing calculator

to make technology an integral part of the problem solving process. The honors level course is for the student who shows exceptional mathematics ability and is willing to be challenged to think critically. Participation in the mathematics competition is highly encouraged.

Topics include: functions, solving & graphing quadratics, advanced systems of equations, radicals expressions & equations, rational expressions & equations, probability, and statistics.

**Core Geometry** (2 terms, 1 credit)

**Prerequisite:** Core Intermediate Algebra

**Level:** Soph

**Fee:** None - a graphing calculator (TI-84 or equivalent) is required.

Core Geometry is designed for those students who would need additional support with the traditional Geometry course. Core Geometry deals with two and three dimensional figures and their properties. Basic terms to polygons and solids, visualization, pictorial representations, technology, and hands-on discovery are emphasized. Algebra is strongly integrated into this course in solving geometry problems. Realistic and relevant applications of concepts and logical thinking processes are made to real-life problem settings. While similar geometry skills are covered, the material is paced to permit for mastery of content and further skill development.

Topics include: the tools of geometry, reasoning and proof, parallel and perpendicular lines, congruent triangles, relationships in triangles, quadrilaterals, proportions and similarity, trigonometry, circles, area, surface area, and volume.

**Geometry** (2 terms, 1 credit)

**Prerequisite:** Intermediate Algebra

**Level:** Fr, Soph

**Fee:** None - a graphing calculator (TI-84 or equivalent) is required.

Geometry deals with two and three dimensional figures and their properties. Basic terms to polygons and solids, visualization, pictorial representations, technology, and hands-on discovery are emphasized. Attention is given to developing logical thinking processes through various forms of proof. Algebra is strongly integrated into this course. Realistic and relevant applications of concepts and logical thinking processes are made to real-life problem settings.

Topics include: the tools of geometry, reasoning and proof, parallel and perpendicular lines, congruent triangles, relationships in triangles, quadrilaterals, proportions and similarity, trigonometry, circles, area, surface area, and volume.

**Geometry Honors** (2 terms, 1 credit)

**Prerequisite:** Intermediate Algebra Honors

**Level:** Fr, Soph

**Fee:** None - a graphing calculator (TI-84 or equivalent) is required.

Geometry Honors deals with two and three dimensional figures and their properties. Basic terms to polygons and solids, visualization, pictorial representations, technology, and hands-on discovery are emphasized. Attention is given to developing logical thinking processes through various forms of proof. Algebra is strongly integrated into this course in solving geometry problems. Realistic and relevant applications of concepts and logical thinking processes are made to real-life problem settings. The honors level course is for the student who shows exceptional mathematics ability and is willing to be challenged to think critically. Participation in the mathematics competition is highly encouraged.

Topics include: the tools of geometry, reasoning and proof, parallel and perpendicular lines, congruent triangles, relationships in triangles, quadrilaterals, proportions and similarity, trigonometry, circles, area, surface area, and volume.

**Core Advanced Algebra** (2 terms, 1 credit)**Prerequisite:** Core Geometry**Level:** Soph, Jr, Sr Elective**Fee:** None - a graphing calculator (TI-84 or equivalent) is required.

Core Advanced Algebra is designed for those students who would need additional support with the traditional Advanced Algebra course. Core Advanced Algebra is the capstone algebra course designed to prepare students for college entrance exams and other higher level math courses. The course makes regular use of the graphing calculator to make technology an integral part of the problem solving process. While similar algebra skills are covered, the material is paced to permit for mastery of content and further skill development.

Topics include: radical expressions, quadratic functions and inequalities, polynomial functions, rational expressions and equations, exponential and logarithmic relations, and conic sections

**Advanced Algebra** (2 terms, 1 credit)**Prerequisite:** Geometry**Level:** Soph, Jr, Sr Elective**Fee:** None - a graphing calculator (TI-84 or equivalent) is required.

Advanced Algebra is the capstone algebra course designed to prepare college bound students for college entrance exams and other higher level math courses. The course makes regular use of the graphing calculator to make technology an integral part of the problem solving process.

Topics include: complex numbers and radicals, quadratic structure, advanced systems of equations & inequalities, rational exponents, rational expressions & equations, functions, graphing & solving polynomials equations with degree greater than 2, properties of exponential functions & logarithmic functions, and solving logarithmic & exponential functions.

**Advanced Algebra Honors** (2 terms, 1 credit)**Prerequisite:** Geometry Honors**Level:** Soph, Jr Elective**Fee:** None - a graphing calculator (TI-84 or equivalent) is required.

Advanced Algebra Honors is the capstone algebra course designed to prepare college bound students for college entrance exams and other higher level math courses. The course makes regular use of the graphing calculator to make technology an integral part of the problem solving process. The honors level course is for the student who shows exceptional mathematics ability and is willing to be challenged to think critically. Participation in the mathematics competition is highly encouraged.

Topics include: complex numbers and radicals, quadratic structure, advanced systems of equations & inequalities, rational exponents, rational expressions & equations, functions, graphing & solving polynomials equations with degree greater than 2, properties of exponential functions & logarithmic functions, solving logarithmic & exponential functions, and conic sections.

**Transition To College Mathematics** (1 Sem, 1 Credit)**Prerequisite:** Adv. Algebra or Core Adv. Algebra**Level:** Sr**Fee:** None - a graphing calculator (TI-84 or equivalent) is required.

Transition to College Mathematics is designed for those students who need additional preparation and review in order to be college and career ready in mathematics. The course is specifically designed to help prepare students for college placement exams that are used at most colleges and universities to determine what courses freshmen may register for.

**Pre-Calculus with Trigonometry** (2 terms, 1 credit)**Prerequisite:** Advanced Algebra**Level:** Soph, Jr, Sr Elective**Fee:** None - a graphing calculator (TI-84 or equivalent) is required.

Pre-calculus and Trigonometry is designed to prepare college bound students for Calculus and other higher level math courses. The course makes regular use of the graphing calculator to make technology an integral part of the problem solving process.

Topics include: trigonometric functions, trigonometric equations, trigonometric applications, triangle trigonometry, trigonometric addition formulas, polar coordinates, complex numbers, vectors, sequences and series, and probability.

**Pre-Calculus with Trigonometry Honors** (2 terms, 1 credit)**Prerequisite:** Advanced Algebra Honors**Level:** Soph, Jr, Sr Elective**Fee:** None - a graphing calculator (TI-84 or equivalent) is required.

Pre-Calculus and Trigonometry Honors is designed to prepare college-bound students for Calculus and other higher level math courses. The course makes regular use of the graphing calculator to make technology an integral part of the problem solving process. The honors level course is for the student who shows exceptional mathematics ability and is willing to be challenged to think critically. Participation in the mathematics competition is highly encouraged.

Topics include: trigonometric functions, trigonometric equations, trigonometric applications, triangle trigonometry, trigonometric addition formulas, polar coordinates, complex numbers, vectors, limits, and derivatives.

**Calculus I** (2 terms, 1 credit, 4 credit hours at WCC)**Prerequisite:** Pre-Calculus with Trigonometry**Level:** Jr, Sr Elective**Fee:** A \$32 fee will be assessed should the student elect to pursue dual credit. A graphing calculator (TI-84 or equivalent) is required.

Calculus I is equivalent to the content in the first course of a three semester college calculus sequence. The course makes regular use of the graphing calculator to make technology an integral part of the problem solving process. Topics include limits, differentiation, applications of differentiation, integration, applications of integration, and transcendental functions. Students enrolled in this course will have the option to receive Dual Credit for this course from Waubensee Community College. This course is the equivalent of MTH 131 at WCC and is an Illinois Articulated Course. Students and parents pursuing Dual Credit should confer with their potential college choices about the transferability of this course.

**Calculus II** (2 terms, 1 credit, 4 credit hours at WCC)**Prerequisite:** Calculus I**Level:** Sr Elective**Fee:** A \$32 fee will be assessed should the student elect to pursue dual credit. A graphing calculator (TI-84 or equivalent) is required.

Calculus II is equivalent to the content in the second course of a three semester college calculus sequence. The course makes regular use of the graphing calculator to make technology an integral part of the problem solving process.

Topics include exponential and logarithmic functions, calculus of trigonometric functions, volumes and other applications of integration, formal integration techniques, indeterminate forms, L'Hopitals rule, improper integrals, sequences and series, convergence tests, Taylor's formula, Taylor and Maclaurin series. Students enrolled in this course will have the option to receive Dual Credit for this course from Waubensee Community College. This course is the equivalent of MTH 132 at WCC and is an Illinois

Articulated Course. Students and parents pursuing Dual Credit should confer with their potential college choices about the transferability of this course.

**AP Calculus I (AB)** (2 terms, 1 credit, 4 credit hours at WCC)

**Prerequisite:** Pre-Calculus with Trigonometry Honors

**Level:** Jr, Sr Elective

**Fee:** \$35.50 - an additional \$32 fee will be assessed should the student elect to pursue dual credit. A graphing calculator (TI-84 or equivalent) is required.

AP Calculus I (AB) is equivalent to the content in the first course of a three semester college calculus sequence and prepares students to take the Advanced Placement - Calculus AB test. The course makes regular use of the graphing calculator to make technology an integral part of the problem solving process. The AP level course is for the student who shows exceptional mathematics ability and is willing to be challenged to think critically. Topics include limits, differentiation, applications of differentiation, integration, applications of integration, and transcendental functions. Students enrolled in this course will have the option to receive Dual Credit for this course from Waubensee Community College. This course is the equivalent of MTH 131 at WCC and is an Illinois Articulated Course. Students and parents pursuing Dual Credit should confer with their potential college choices about the transferability of this course.

**AP Calculus II (BC)** (2 terms, 1 credit, 4 credit hours at WCC)

**Prerequisite:** AP Calculus I (AB)

**Level:** Sr Elective

**Fee:** \$37.50 - an additional \$32 fee will be assessed should the student elect to pursue dual credit. A graphing calculator (TI-84 or equivalent) is required.

AP Calculus II (BC) is a second course in calculus and analytic geometry, and is a continuation of AP Calculus I (AB) and prepares students to take the Advanced Placement - Calculus BC test. The course makes regular use of the graphing calculator to make technology an integral part of the problem solving process. The AP level course is for the student who shows exceptional mathematics ability and is willing to be challenged to think critically. Topics include exponential and logarithmic functions, calculus of trigonometric functions, volumes and other applications of integration, formal integration techniques, indeterminate forms, L'Hopitals rule, improper integrals, sequences and series, convergence tests, Taylor's formula, Taylor and Maclaurin series. Students enrolled in this course will have the option to receive Dual Credit for this course from Waubensee Community College. This course is the equivalent of MTH 132 at WCC and is an Illinois Articulated Course. Students and parents pursuing Dual Credit should confer with their potential college choices about the transferability of this course.

**College Algebra: Dual Credit** (2 terms, 1 credit at BHS, 3 credit hours at WCC)

**Prerequisite:** Successful completion of Pre-Calculus with Trigonometry and a qualifying score on either SAT (550) or ACT (22)

**Level:** Sr Elective

**Fee:** A \$24 fee will be assessed should the student elect to pursue dual credit. A graphing calculator (TI-84 or equivalent) are required.

This college level course is designed to provide the students with algebraic concepts necessary to move into a stem driven mathematics program. Topics include: real numbers, complex numbers, solutions of inequalities and equations, coordinate systems, functions, polynomials, rational functions, exponential and logarithmic functions, graphing and transformations of functions, and systems of equations.

Students enrolled in this course will have the option to receive Dual Credit for this course from Waubensee Community College. This course is the equivalent of MTH 129 at WCC. Students and parents pursuing Dual Credit should confer with their potential college choices about the transferability of this course.

**Basic Statistics: Dual Credit** (2 terms, 1 credit at BHS, 3 credit hours at WCC)

**Prerequisite:** Successful completion of Advanced Algebra or higher and a qualifying score on either SAT (550) or ACT (22)

**Level:** Jr, Sr Elective

**Fee:** A \$24 fee will be assessed should the student elect to pursue dual credit. A graphing calculator (TI-84 or equivalent) are required.

This college level course focuses on mathematical reasoning and the solving of real-life problems, rather than on routine skills and appreciation. This course in mathematics is designed to assist the student in the understanding and use of numerical data. Course content includes descriptive methods, probability, probability distributions, statistical inference, confidence intervals, tests of hypotheses, and correlation and regression. Students enrolled in this course will have the option to receive Dual Credit for this course from Waubensee Community College. This course is the equivalent of MTH 107 at WCC and is an Illinois Articulated Course. Students and parents pursuing Dual Credit should confer with their potential college choices about the transferability of this course.

# Music

*All Music Ensembles are offered as part of a split block. Along with a music ensemble, the music student must sign up for one additional course. Therefore, all music students must sign up for two courses for this block.*

## Band

Percussion I (4 terms B424/B446)  
Percussion II (4 terms B426/B448)  
Symphonic Band (4 terms B403/B433)  
Concert Band (4 terms B418/B411)  
Wind Ensemble (4 terms B401/B431)  
Wind Symphony (4 terms B402/B432)

## Choir

Freshman Chorale (4 terms)  
Varsity Choir (4 terms)  
Treble Choir (4 terms B408/B437)  
Chamber Singers (4 terms B407/B440)

## Orchestra

Concert Orchestra (4 terms B405/B435)  
Sinfonietta (4 terms B409/B411)  
Symphony Orchestra (4 terms B404/B434)  
Philharmonic Orchestra (4 terms B420/B442)

## Electives

AP Music Theory (2 terms B419)  
Rock n' Roll Methods (1 term B413)

## Band

**Concert Band** (4 terms, 1 credit)

**Prerequisite:** Director's approval based on formal instruction and proficiency on a band instrument

**Level:** Soph, Jr, Sr Elective

**Fee:** \$30.00 (Supplies and uniform cleaning)

This course is designed for intermediate/advanced instrumentalists seeking extensive training in ensemble performance. The main objective of the group include: formal study of band and wind ensemble literature, public performance, and techniques for musical expression. Participating in band performances at concerts and music contests, will be considered as part of the course requirements. Private instrumental study is encouraged for all students enrolled in instrumental music courses.

**Percussion Methods I & II** (4 terms, 1 credit)

**Prerequisite:** None

**Percussion II:** Fr

**Percussion I:** Soph, Jr, Sr Elective

**Fee:** \$30.00 (Supplies and Uniform Cleaning)

Based on their audition, Freshman students will be placed in either Percussion I or Percussion II. This course will continue with musical skills and instruction in percussion ensemble literature. Students will study mallets, including two and four mallets, drumming, including timpani and snare drum, and accessory instruments, such as cymbals, bass drum, and tambourine. Solo and percussion ensemble repertoire are explored in multiple settings. Both of these classes perform with the Symphonic and Concert Band throughout the year.



**Symphonic Band** (4 terms, 1 credit)**Prerequisite:** None**Level:** Fr**Fee:** \$30.00 (Supplies and uniform cleaning)

This course is the entry level group for the band program at Batavia High School. Extended training in large group ensemble is provided. Participating in band performances at concerts and music contests will be considered as part of the course requirements. Private instrumental study is encouraged for all students enrolled in instrumental music courses.

**Wind Ensemble** (4 terms, 1 credit)**Prerequisite:** Audition and/or director's approval based on formal instruction and proficiency on a band instrument**Level:** Soph, Jr, Sr Elective**Fee:** \$30.00 (Supplies and uniform cleaning)

This course is designed for intermediate/advanced instrumentalist seeking extensive training in ensemble performance. The main objectives of the group includes: formal study of band and wind ensemble literature, public performance, and techniques for musical expression. Participation in band performances at concerts and music contests are considered part of the course requirements. Private instrumental study is encouraged.

**Wind Symphony** (4 terms, 1 credit)**Prerequisite:** Audition and/or director's approval based on formal instruction and proficiency on a band instrument**Level:** Soph, Jr, Sr Elective**Fee:** \$30.00 (Supplies and uniform cleaning)

This course is designed for the most advanced instrumentalists seeking extensive training in ensemble performance. The main objectives for this group include: formal study of band and wind ensemble literature, public performance and development of techniques for expanding musical expression and technical expertise. Participation in band performances at concerts and music contests are considered part of the course requirement as well as rehearsal outside of the school day. Wind Symphony members also serve as the Philharmonic Orchestra winds and percussion. Private instrumental study is strongly encouraged at this level of performance.

## Choir

**Freshman Chorale (Intermediate Choir)** (4 terms, 1 credit)**Prerequisite:** None**Level:** Fr**Fee:** \$30.00

This co-ed choir is open to all freshman singers. The curriculum is focused on the development of good singing habits including proper body posture, breath support and control, and healthy choral tone. Students will learn fundamentals of music literacy and theory for the beginning musician. *Beginning note reading is expected.* Students will learn about and sing a variety of music styles including classical, sacred, contemporary, musical theater, and gospel. Participation in scheduled public performances is required.

**Varsity Choir** (4 terms, 1 credit)**Prerequisite:** Audition or Instructor Approval**Level:** Fr, Soph, Jr, Sr Elective**Fee:** \$30.00 (Supplies and uniform cleaning)

Varsity Choir includes singers who have demonstrated basic vocal technique, consistent pitch-matching skills, and a working knowledge of ensemble singing. Students will continue to develop healthy singing habits as individuals and as a group. Concert performances are scheduled in October, December, March, and May.

**Treble Choir** (4 terms, 1 credit)

**Prerequisite:** Women only, Audition only

**Level:** Soph, Jr, Sr Elective

**Fee:** \$30.00 (Supplies and uniform cleaning)

Treble Choir includes young women who demonstrate a working knowledge of vocal technique and choral part singing. Singers will increase their vocal confidence and overall musical aptitude. Concert performances are scheduled in October, December, March, and May. Private voice study is strongly encouraged.

**Chamber Singers** (4 terms, 1 credit)

**Prerequisite:** Audition only

**Level:** Soph, Jr, Sr Elective

**Fee:** \$30.00 (Supplies and uniform cleaning)

Chamber Singers is the most advanced mixed choral ensemble. Music reading abilities and the demonstration of advanced vocal proficiencies are required. The class focuses on advanced choral techniques and independent singing skills. Concert performances are scheduled in October, December, March, and May. The winter repertoire for Chamber Singers includes sacred and secular Renaissance music and seasonal carols in preparation for the Festival of Carols performances in December. Students will also participate in local performing opportunities and gigs throughout November and December. All performances, dress rehearsals, and the IMEA District Choir auditions are mandatory. Private voice study is strongly encouraged.

## Orchestra

**Concert Orchestra** (4 terms, 1 credit)

**Prerequisite:** Formal instruction and proficiency on a string orchestra instrument

**Level:** Fr

**Fee:** \$30.00 (Supplies and uniform cleaning)

The Concert Orchestra is designed for students who are working to develop a stronger mastery of fundamental technique and musicianship. Emphasis is placed on developing independence and confidence as well as performing with excellent tone and intonation. Students will explore string literature for large ensemble as well as chamber music. Participation in evening performances throughout the year (approximately one per term) is required. Private study is recommended for students participating in the Concert Orchestra.

**Philharmonic Orchestra** (4 terms, 1 credit)

**Prerequisite:** Audition only.

**Level:** Soph, Jr, Sr Elective

**Fee:** \$30.00 (Supplies and uniform cleaning)

The Philharmonic Orchestra is the most advanced curricular orchestra at Batavia High School. It is designed for students with excellent fundamental technique and clear mastery of their instrument. Emphasis is placed on applying advanced technique to classical repertoire for full and string orchestra. Participation in evening performances throughout the year (approximately one per term) is required. Private study is not a requirement for the class but is zealously recommended for students participating in the Philharmonic Orchestra.

**Symphony Orchestra** (4 terms, 1 credit)

**Prerequisite:** Audition only.

**Level:** Jr, Sr Elective

**Fee:** \$30.00 (Supplies and uniform cleaning)

The Symphony Orchestra is designed to develop and expand upon fundamental technique and musicianship by exploring more challenging repertoire for both string ensemble and full orchestra. Emphasis is placed on developing independence as well as cultivating mastery of more advanced technique. Participation in evening performances throughout the year (approximately one per term) is required. Private study is recommended for students participating in the Symphony Orchestra.

**Sinfonietta** (4 terms, 1 credit)

**Prerequisite:** Audition or Instructor Approval

**Level:** Soph

**Fee:** \$30.00

The Sinfonietta is open to all sophomores and is designed to develop and expand upon fundamental technique and musicianship by exploring more challenging repertoire for the string ensemble. Emphasis is placed on developing independence as well as cultivating mastery of more advanced technique such as 3 octave scales and refining vibrato. The Sinfonietta would be a non-auditioned sophomore only orchestra designed to offer a bridge between the Concert Orchestra and Philharmonic. The orchestra will highlight fundamentals of shifting to upper octaves on the instruments as well as refining vibrato and bowing techniques. The Students will use Book 4 of Sound Innovations. Participation in evening performances throughout the year (approximately one per term) is required. Private study is recommended for students participating in the Sinfonietta.

## Electives

**AP Music Theory** (2 terms, 1 Credit)

**Prerequisite:** Enrollment in a music ensemble at Batavia High School or instructor approval

**Level:** Soph, Jr or Sr standing

AP Music Theory is an advanced music theory course that covers one and a half semesters of collegiate music theory and aural skills. High levels of musical complexity will be studied including harmonic analysis, counterpoint, composition, and analysis of musical form. Auditory training will include melodic and rhythmic dictation with multiple simultaneous parts, interval identification, formal identification in major works as well as sight-singing. This class is considered a priority for students interested in pursuing a career in music. Students must have instructor approval to enroll in the class.

**Rock n' Roll Methods** (1 term, .5 Credit)

**Prerequisite:** None

**Level:** Soph Jr Sr Elective

**Fee:** None

Rock and Roll methods is a course designed for the student who loves music and has always wanted to learn more about popular music history, music performance, and how music affects our culture. No prior musical training is needed. The course begins with the elements of music and ventures into music's relation to popular culture and how people are affected by music as a common goal. Musical material is drawn from all genres and periods including: Blues, Motown, R&B, Rock, Metal, Punk, Hip-Hop, Rap, Dance, Techno, Trance, Grunge, and Indie.

# Physical Education, Health & Driver Education

## Freshman Choices

(Every Freshman will take Freshman PE plus Health or Driver Education)

<ul style="list-style-type: none"><li>● Freshman PE</li></ul>	<ul style="list-style-type: none"><li>● Health</li><li>● Driver Education</li></ul>
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## Sophomore Choices

(Select one from each column)

<ul style="list-style-type: none"><li>● General PE</li><li>● Accelerated PE</li><li>● Health (If not taken Freshman Year)</li></ul>	<ul style="list-style-type: none"><li>● General PE</li><li>● Driver Education</li><li>● Accelerated PE</li></ul>
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## Junior/Senior PE Choices

(Select one from each column)

<ul style="list-style-type: none"><li>● General PE</li><li>● Accelerated PE</li><li>● Advanced Health</li></ul>	<ul style="list-style-type: none"><li>● General PE</li><li>● Accelerated PE</li><li>● Driver Education</li></ul>
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**General Physical Education** allows for a wider variety of course options within the Physical Education curriculum. The first day of class students will be given a variety of possibilities for courses (*Group Fitness, Personal Fitness, Team & Individual Sports, Dance & Creative Movement, and Adventure Ed*) they would like to engage in that term or that semester. Upon minimum class size for that option being reached, the course will be run. If the minimum class size is not reached, the student will be enrolled in his or her second choice.

**Or**

## Junior/Senior Leadership Choices

(Select one)

<ul style="list-style-type: none"><li>● ABLE Leaders Program (2 terms)</li><li>● Junior Leaders Program (2 terms)</li><li>● Senior Peer Leaders (2 terms)</li></ul>
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- It is a state requirement that all high school students complete 3.5 credits of Physical Education and .5 credits of Health. Listed are required and choice classes for all grade levels followed by a course description.
- To be eligible to receive a Batavia High School Diploma, a student must successfully complete the required Physical Education (3.5 credits) and Health (.5 credits) classes unless excused as provided in this policy. BHS Driver's Education goes towards Physical Education credit and graduation requirement.

**Freshman Physical Education (A/B Day) (1 term, .5 credit)****Prerequisite:** None**Level:** Freshman Requirement

All freshman students will be enrolled in one term of physical education. All freshmen physical education classes will focus on fitness concepts including: the five components of fitness, heart rate, goal setting, and fitness movements. They will also participate in a variety of fitness, team and individual activities to supplement these concepts.

**Health Education (A/B Day) (1 term, .5 credit)****Prerequisite:** None**Level:** Freshman/Sophomore Requirement**Fee:** \$15.00

The major goal of health education envisioned in this framework is the development of health literacy in all students. The curriculum will provide students with opportunities to explore health problems and work cooperatively on tasks that develop and enhance their conceptual understanding. The curriculum will also provide students with the knowledge and skills that can lead to lifelong positive attitudes and behaviors related to health in the following areas: Human Ecology and health, Nutrition and Dental Health, Public and Environmental Health, Consumer Health, Safety Education and Disaster Survival, Emotional, Physiological and Psychological Health, Hygienic and Social Responsibilities, Physical Activity and Nutrition, prevention and abuse of Tobacco, Alcohol and other drugs including anabolic steroids, Diseases and Disorders, Peer Relationships, Sexual Assault Awareness and Prevention and Body Systems, Growth and Developments including the birth process, contraception and abstinence until marriage. Students will also receive CPR and AED training and an opportunity to be certified through the American Heart Association.

**Driver Education (A/B Day)**

**Classroom:** During classroom instruction, students will receive education on defensive driving and safety techniques. There is no charge for classroom driver education. Classroom instruction will be available to all students during the school day of the semester in which they are scheduled. Batavia High School's Driver Education program follows the parameters established by the Illinois Secretary of State and the State Board of Education. The State requires a minimum of 30 hours of classroom instruction, and students that cannot fulfill this minimum due to absences will be dropped. The final course grade is determined by the student's performance in the classroom. The behind-the-wheel phase is a separate evaluation. Successful completion of both parts of the program are requirements for obtaining a driver's license.

**Behind-the-Wheel:** The behind-the-wheel scheduling will be done during the first two weeks of the semester. The State requires a minimum of six hours of behind-the-wheel instruction, and students that cannot fulfill this minimum due to absences will be dropped. Scheduling is done strictly by birth dates with the oldest students scheduled first. Students will be scheduled during all available teaching slots for behind-the-wheel during the school day. Additionally, before and after school instruction will be available to the students who cannot be scheduled during the school day. Any student who cannot be scheduled for the behind-the-wheel phase during the current semester will have the option of being scheduled during the summer session or the following semester. If your son/daughter does not receive behind-the-wheel during the current semester, at your discretion, he/she can begin to fulfill the state nine-month permit requirement. Also, at your discretion, your son/daughter may begin to acquire the 50 hours of additional driving time with an adult, which is also a prerequisite to obtaining a driver's license.

**Summer School:** Behind-the-Wheel instruction is offered during the summer for students who were not scheduled during the school year. The session will begin approximately the second week of June and will run through the end of July.

**Please Note:** Illinois law requires students to be in classroom and behind-the-wheel a minimum number of hours. If a student is absent three (3) days from classroom or three (3) days from behind-the-wheel for the entire semester, the student will be unable to fulfill the state requirement and will be dropped from the program.

## **Class Selection for Sophomores, Juniors & Seniors**

*All sophomores, juniors & seniors may select from the following classes to complete their physical education requirements each year. If a student does not meet the minimal requirements for an elective P.E. class, they may be removed from the selected elective and assigned a different P.E. class.*

**Accelerated P.E.** (Offered all 4 terms .5 Credit) *There is an option for A/B Day*

**Prerequisite:** You must have passed 3 or more of your fitness assessments.

**Levels:** Soph, Jr, Sr

Accelerated PE covers the basics of weight training using an individualized strength program. All five components of physical fitness are covered/performed in the class daily. Students are responsible for learning basic concepts in the areas of anatomy, physiology, kinesiology, and nutrition. Upon exiting the course, students learn how to design a strength program based on their individual goals. By taking the class, you can learn how to be your own personal trainer. *Accelerated PE can be taken for one or two terms. Terms do not have to be consecutive. For students in a sport, the best time to take the class is either during season or right before season.*

**Advanced Health** (1 term, .5 credit)

**Prerequisite:** "B" or better in Health Education

**Level:** Jr, Sr

**Fee:** \$20.00

**Book:** The 7 Habits of Highly Effective Teens

The personal Wellness class is designed to promote a higher level of thinking for students regarding contemporary health issues and will also provide students with the opportunity to expand on their current level of health and wellness. Students begin by evaluating their own level of health and more into areas of life skills, nutrition and noncommunicable diseases, human sexuality, drugs and society, health care issues, complementary medicine and environmental health. The foundation of the course will engage students in exploring the concepts of critical thinking and reflection through the investigation of current events and controversial issues in health and society. A number of teaching and learning strategies shall be used in the course including guided lecture and discussion, group work, journal writing, class presentations, hands on activities and projects, field trips, guest speakers and utilization of the internet to gain valid and reliable health information. (\*Students will need to pay for transportation for any field trips they take.) This course may not be repeated. *If a student does not meet the minimal requirements for an elective P.E. class, they may be removed from the selected elective and assigned a General P.E. class.*

**Adventure Education and Lifetime Sports and Activities** (1 term, .5 credit)

**Level:** Jr, Sr

Students will experience 10 stages toward helping students lead a physically active healthy lifestyle and positive character development through adventure activities and outdoor pursuits. Students will experience acquaintance activities, ice breakers, fair play communication problem solving, and trust. Students may have an opportunity to experience low elements, ropes course high elements outdoor pursuit, and personal challenges - lifestyle changes. During this course, students will also experience other lifetime activities. Students will need to be dressed appropriately for activities (designated by the teacher). Students will complete fitness assessments and fitness activities throughout the course.

### **Dance & Creative Movement** (1 term credit)

**Level:** Soph., Jr, Sr

This course is designed for beginning/intermediate/advanced dancers. In this class, students will be able to discover and select three different units of dance which could include the following; jazz, hip hop, ballet, social dance, improvisation and modern. Students will also have the unique opportunity to study the history and origin of different dance styles. Aerobic dance fitness and flexibility will be woven into daily activity to increase wellness for dancers based on the five fitness components; muscular strength, muscular endurance, cardiovascular endurance, flexibility, and body composition. Dancers will have the opportunity to practice and develop turns, leaps and jumps at their own personal level to increase their skill set. In the last unit of dance, students will discover how to create a group routine from start to finish including critical elements involved in choreography. Students will research a professional choreographer and pull from their art form to help inspire their unique choreography. At the end of the term, students will showcase their three unit dances for peers, parents and teachers.

### **Group Fitness** (1 term .5 credit)

**Level:** Jr, Sr

This is a unique course offering that emphasizes cardiovascular and muscular endurance conditioning through individual and group settings. It utilizes a variety of sessions including aerobics, body bars, resistance bands, dumbbells, walking/running, circuit training, body toning, and yoga. Activities and experiences vary according to the fitness level of each student. Based on the five major fitness components, students will be able to set goals, master activities and skills along with assessing their fitness levels.

### **Team and Individual Sports** (1 term .5 credit)

**Level:** Soph, Jr, Sr

Students will participate in various team and individual sports and activities throughout the course. Students will learn a variety of skills, rules, sportsmanship and strategies. Sports and activities may vary depending on the season. Fitness concepts and fitness activities are emphasized throughout the course.

### **Personal Fitness** (1 term, .5 credit)

**Level:** Soph, Jr, Sr

This course is designed to optimize fitness levels for individuals to relay the importance of nutrition, proper movement, and safety. This course will improve the following attributes of fitness; strength, speed, endurance, stamina, coordination, power, balance, flexibility, accuracy, and agility. With the training methods used during class, success has been achieved by many individuals with varying skill levels and limitations. Anyone at any level of fitness will find their personal needs met with this individualized program. The training methods used in class will constantly be varied and always include functional movements which allows for linear progression without plateaus. Not only will this class improve all aspects of health related fitness it will also improve skill related fitness areas such as power, speed, agility, coordination, reaction time, and balance. Workouts will allow for game activity and proper cool downs. If optimizing your performance is a big goal, this is the class for you.

## **Physical Education Leadership Program**

### **Junior Leaders Program** (2 terms, 1 credit)

**Level:** Juniors only

Through an application process, students chosen for this course will be able to break down knowledge barriers by modifying games, activities, sports in order to develop a learning environment suitable for all students. The Junior Leader Program will prepare students to be Peer Mentors in Freshmen and Sophomore classes or be a Peer Leader in the BHS VTP class during their senior year. Students enrolled in this class will also be trained on technique analysis, game strategies, fitness concepts and teaching progressions. Students will develop a sense of responsibility for self and others, leadership skills and peer teaching. Students who are chosen to become Senior Peer Leaders/Mentors will be fully prepared and

competent to be a leader for our BHS VTP students and for our freshmen and sophomore classes. This is a grassroots program of playing and competing together for fitness through physical education and builds respect that benefits all students in our school communities. As one peer partner has stated, “This class is life changing!”

**Senior Physical Education Leaders** (2 terms, 1 credit)

**Prerequisite:** Junior Leaders

**Level:** Sr Elective

Students who are selected to be a Peer Leader will support breaking down knowledge barriers by modifying games/activities/sports in order to develop a learning environment suitable for all. This class includes daily interactive teaching with students who have complex needs in areas such as physical, communication or social interaction. Through social interaction and communication, Peer Leaders and students with disabilities often find that they have many things in common which fosters friendships inside and outside of school. This is a grassroots program of playing and competing together for fitness through physical education and builds respect that benefits all students in our school communities. As one peer partner has stated, “This class is life changing!”

**ABLE Peer Leaders** (2 terms, 1 credit)

**Prerequisite:** Junior Leaders

**Level:** Sr

ABLE stands for Ability Based Learning and Education. Students in the ABLE class each have complex learning abilities due to significant physical, cognitive and fragile medical conditions. Each student uses a manual wheelchair and relies on classroom staff and the peer leaders to assist with mobility and to be their hands and feet in playing and participating in adaptive physical education. We focus on what our students can do and not on their limitations. As an ABLE Peer Leader your role is to be a leader, mentor, role model, team player, friend and a bridge for our students to the rest of the BHS student body. ABLE Peer Leaders will assist students in the classroom working on arts and crafts, music activities, board games, and social activities. In the gym ABLE Peer Leaders will assist in playing a variety of sports, games and activities. This is a great gateway to anyone interested in pursuing a career in the field of special education, occupational therapy or physical therapy. This is a class that will foster life long friendships, a deeper understanding and acceptance of the challenges faced by the ABLE students. Students are not required to dress in PE clothes, but must wear tennis shoes in the gym.



# Science

The science curriculum is designed to meet the needs of all students and is structured with multiple sequences based upon student abilities and interests. Students are required to take 2 credits of science to graduate. It is recommended that students complete a Biology - Chemistry - Physics sequence to meet most college entrance requirements. Students will be placed into their initial courses upon entry into Batavia High School.

**Biology** (2 terms, 1 credit)

**Prerequisite:** None

**Level:** Placement by current science teacher and counselor

**Fee:** \$12.00

Biology is a laboratory-based course which studies the definition of “life” from a scientific vantage point. In-depth use of the scientific method and data analysis will be employed to further develop cognitive, problem-solving, and laboratory skills. Units include: Classification of organisms, cell structure & function, cell reproduction & genetics, change over time, properties of matter & the atom, and vertebrate anatomy & physiology. Dissection: This course has a unit that involves dissecting. Students objecting to perform, participate or observe in dissection will be assigned an alternative activity.

**Biology Honors** (2 terms, 1 credit)

**Prerequisite:** None

**Level:** Placement by current science teacher

**Fee:** \$12.00

Biology Honors is a laboratory-based course which studies the definition of “life” from a scientific vantage point. In-depth use of the scientific method and data analysis will be employed to further develop cognitive, problem-solving, and laboratory skills. The honors course is intended for the student who demonstrates exceptional reasoning ability and is willing to be challenged to think critically. The course will move at a faster pace and cover content to a greater depth than the Biology course. There is a summer assignment associated with this course. Units include: Classification of organisms, cell structure & function, cell reproduction & genetics, change over time, properties of matter & the atom, and vertebrate anatomy & physiology. Dissection: This course has a unit that involves dissecting. Students objecting to perform, participate or observe in dissection will be assigned an alternative activity.

**Chemistry ACS** (2 terms, 1 credit)

**Prerequisites:** Any Biology course and Algebra

**Level:** Soph, Jr, Sr

**Fee:** \$16.00

Chemistry ACS is a student-centered, activity based, issues oriented chemistry course. It is based on the ChemCom program developed by the American Chemical Society, and is intended for college bound students who plan on pursuing a liberal arts or business degree. It includes traditional chemical concepts and laboratory skills. Units include: The structure of the atom, the structure & properties of matter, types of chemical reactions, conservation of energy, motion & forces of particles, and interactions of matter & energy.

**Chemistry** (2 terms, 1 credit)

**Prerequisites:** Any Biology course and Algebra

**Level:** Soph, Jr, Sr

**Fee:** \$16.00

Chemistry is a laboratory-based course which studies matter and the changes it undergoes. In-depth use of the scientific method and data analysis will be employed to further develop cognitive, problem-solving, and laboratory skills. Experiments and demonstrations will be used to introduce concepts and the applications of basic chemical properties. Units include: Safety & the scientific method, matter & types of matter, interactions of matter & bonding, laws of conservation, atomic theory & the periodic table, molar relationships & stoichiometry, and gas laws.

**Chemistry Honors** (2 terms, 1 credit)**Prerequisites:** Any Biology course and Algebra**Level:** Soph, Jr, Sr**Fee:** \$18.00

Chemistry Honors is a laboratory-based course which studies matter and the changes it undergoes. In-depth use of the scientific method and data analysis will be employed to further develop cognitive, problem-solving, and laboratory skills. Experiments and demonstrations will be used to introduce concepts and the applications of basic chemical properties. The honors course is intended for the student who demonstrates exceptional reasoning ability and is willing to be challenged to think critically. The course will move at a faster pace and cover content to a greater depth than the Chemistry course. There is a summer assignment associated with this course. Units include: Safety & the scientific method, matter & types of matter, interactions of matter & bonding, laws of conservation, atomic theory & the periodic table, molar relationships & stoichiometry, and gas laws.

**Physics** (2 terms, 1 credit)**Science Prerequisites:** Successful completion of Biology & Chemistry**Math Prerequisites:** Successful completion of Intermediate Algebra & Geometry**Level:** Jr, Sr Elective**Fee:** \$5.00

Physics is a laboratory-based course which emphasizes the mathematical analysis of the laws which govern the world. In-depth use of the scientific method and data analysis will be employed to further develop cognitive, problem-solving, and laboratory skills. Experiments and demonstrations will be used to introduce and reinforce concepts. Strong mathematical computation skills are recommended.

**AP Physics I** (2 terms, 1 credit)**Science Prerequisites:** Successful completion of Biology Honors & Chemistry Honors**Math Prerequisite:** Successful completion of Advanced Algebra Honors**Level:** Jr, Sr Elective**Fee:** \$5.00

AP Physics I is the equivalent to a first-semester college course in algebra-based physics and prepares students to take the Advanced Placement - Physics 1 test. The AP level course is intended for the student who demonstrates exceptional mathematical and reasoning ability and is willing to be challenged to think critically. The course will move at a fast pace and students will be exposed to challenging levels of problems, assignments, and assessments. Units include: Newtonian mechanics (including rotational dynamics and angular momentum), work, energy, power, mechanical waves, sound, and electric circuits.

**AP Physics II** (2 terms, 1 credit)**Prerequisite:** Successful completion of AP Physics I**Level:** Jr, Sr elective**Fee:** \$5.00

AP Physics II is the equivalent to a second-semester college course in algebra-based physics and prepares students to take the Advanced Placement - Physics 2 test. The AP level course is intended for the student who demonstrates exceptional mathematical and reasoning ability and is willing to be challenged to think critically. The course will move at a fast pace and students will be exposed to challenging levels of problems, assignments, and assessments. Units include: Fluid mechanics, thermodynamics, electricity & magnetism, optics, and atomic & nuclear physics.

**AP Biology** (2 terms, 1 credit)**Prerequisite:** Any Biology course and any Chemistry course**Level:** Jr, Sr Elective**Fee:** \$45.00

AP Biology is the equivalent of a two-semester college introductory biology course usually taken by biology majors during their first year and prepares students to take the Advanced Placement - Biology

test. AP Biology is designed to be taken after the successful completion of a first course in high school biology and chemistry. The AP level course is intended for the student who demonstrates exceptional reasoning ability and is willing to be challenged to think critically. The course will move at a fast pace and students will be exposed to challenging levels of problems, assignments, and assessments. There is a summer assignment associated with this course.

**AP Chemistry** (2 terms, 1 credit)

**Prerequisite:** Any Biology course and any Chemistry course

**Level:** Soph, Jr, Sr Elective

**Fee:** \$45.00

AP Chemistry is the equivalent of the general chemistry course usually taken during the first college year and prepares students to take the Advanced Placement - Chemistry test. AP Chemistry is designed to be taken after the successful completion of a first course in high school chemistry. The AP level course is intended for the student who demonstrates exceptional reasoning ability and is willing to be challenged to think critically. The course will move at a fast pace and students will be exposed to challenging levels of problems, assignments, and assessments. There is a summer assignment associated with this course.

**AP Environmental Science** (2 terms, 1 credit)

**Prerequisites:** Any Biology course and any Chemistry course

**Level:** Jr, Sr Elective

**Fee:** \$25.00

AP Environmental Science is the equivalent of a one-semester, introductory college course in environmental science and prepares students to take the Advanced Placement - Environmental Science test. The AP level course is intended for the student who demonstrates exceptional reasoning ability and is willing to be challenged to think critically. The course will move at a fast pace and students will be exposed to challenging levels of problems, assignments, and assessments.

**Astronomy** (1 term, .5 credit)

**Prerequisite:** Environmental Science or any Biology course

**Level:** Soph, Jr, Sr Elective

**Fee:** None

Astronomy studies Space - the position and activity of the Earth in the solar system and the relations between the solar system and other stars and galaxies. In-depth use of the scientific method and data analysis will be employed to further develop cognitive, problem-solving, and laboratory skills.

**Marine Science** (2 terms, 1 credit)

**Prerequisite:** Any Biology course

**Level:** Jr, Sr Elective

**Fee:** \$9.00

Marine Science studies Marine Biology, Oceanography and Geology. In-depth use of the scientific method and data analysis will be employed to further develop cognitive, problem-solving, and laboratory skills. Animal dissection is required.

**Anatomy & Physiology** (2 terms, 1 credit)

**Prerequisite:** Any Biology course and any Chemistry course

**Level:** Jr, Sr Elective

**Fee:** \$25

This course provides a comprehensive study of the anatomy and physiology of the human body. This semester long college-preparatory elective science course includes a detailed study of many human body systems, Homeostatic balance, the relationship between structure and function, and disease. This course is recommended for students interested in a health-related career, especially those students who plan to study medicine, nursing, physical therapy, athletic training and personal training. The course may also be helpful for those students who plan to enter education as either a life science or physical education teacher. Laboratory activities will include several microscopic analysis of tissue specimens as well as several dissections to accompany the subject matter.

# Social Studies

## **Freshman**

Cultural Studies (2 terms B602/B650)  
AP Human Geography (2 terms B607)

## **Sophomore**

World History (2 terms B651)  
AP European History (2 terms B622)

## **Junior**

American History (2 terms B606 )  
AP United States History (2 terms B624)

## **Senior**

American Government (1 term B613)  
AP American Government (2 terms B614)

## **Electives**

(All electives may be taken in Junior or Senior year)  
Contemporary Issues In American Society (1 term B618)  
Economics (1 term B604)  
Political Science (1 term B603)  
Psychology (1 term B614)  
AP Psychology: Dual Credit (2 terms B620)  
Sociology (1 term B616)  
College American History: Dual Credit (2 terms B612) *Sr Only*

**Cultural Studies** (2 terms, 1 credit )

**Prerequisite:** None

**Level:** Fr Required

**Fee:** None

This class serves an introduction to the social sciences. Students engage in an in-depth study of the many elements of culture, with an emphasis placed upon practical, real life applications of culture. Students focus their study on current local, state, national, and global events/issues in select regions of the developed and developing world, including Batavia and Illinois. By doing so, students determine the significance of culture in their lives, as well as in the lives of others around the globe while employing the social sciences of geography, government, history, economics and sociology. This course allows students to develop and employ historical thinking skills by studying such units of study as comparing the causes and effects of genocide in, but not limited to Armenia, the Ukraine, Cambodia, Bosnia, Rwanda and the Sudan. In addition, the course further develops Common Core Literacy Skills in reading and writing in social studies.

**AP Human Geography** (2 terms, 1 credit)

**Prerequisite:** by approved placement

**Level:** Fr

**Fee:** None

The purpose of the AP Human Geography course is to introduce students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students learn to employ spatial concepts and landscape analysis to examine human socioeconomic organization and its environmental consequences. They also learn about the methods and tools geographers use in their research and applications. On successful completion of the course, students should have developed skills that enable them to: Interpret maps and analyze geospatial data, understand

and explain the implications of associations and networks among phenomena in places, define regions and evaluate the regionalization process and characterize and analyze changing interconnections among places. AP Human Geography is intended to help prepare students to successfully take the Advanced Placement History Exam which may possibly earn students college credit.

**World History** (2 terms, 1 credit)

**Prerequisite:** Cultural Studies

**Level:** Soph Required

**Fee:** None

This course will examine the history of western civilization from prehistoric times to World War II and the Holocaust. Units of study will involve topics of coverage such as ancient civilizations, classical civilizations of Greece and Rome, the European Middle Ages, Renaissance and Reformation, Age of Exploration, Age of Absolutism and Revolution, imperialism, World War I, the causes of World War II, World War II and the Holocaust. This course challenges students to further develop and employ historical thinking skills. In addition, the course further develops and enhances Common Core Literacy Skills in reading and writing in social studies.

**AP European History** (2 terms, 1 credit)

**Prerequisite:** Cultural Studies or AP Human Geography

**Level:** Soph

**Fee:** None

The study of European history since 1450 introduces students to cultural, economic, political, and social developments that played a fundamental role in shaping the world in which they live. Without this knowledge, we would lack the context for understanding the development of contemporary institutions, the role of continuity and change in present-day society and politics, and the evolution of current forms of artistic expression and intellectual discourse. In addition to providing a basic narrative of events and movements, the goals of AP European History are to develop (a) an understanding of some of the principal themes in modern European history, (b) an ability to analyze historical evidence and historical interpretation, and (c) an ability to express historical understanding in writing. AP European History is intended to help prepare students to successfully take the Advanced Placement European History Exam which may possibly earn students college credit. **Note: There may be a summer assignment associated with this course.**

**American History** (2 terms, 1 credit)

**Prerequisite:** World History or AP European History

**Level:** Jr Required

**Fee:** None

By examining the history of the United States from pre colonial times to the present, with an emphasis on 20th century history, this course challenges students to enhance and employ historical thinking skills by studying such units of study as, but not limited to, the history of the African slave trade, slavery in America and the vestiges of slavery in the United States as well as the history of women in America from past to present. In addition, the course further develops Common Core Literacy Skills in reading and writing in social studies.

**AP US History** (2 terms, 1 credit)

**Prerequisite:** World History or AP European History and placement of Division Coordinator

**Level:** Jr

**Fee:** None

The AP U.S. History course is designed to provide students with the analytic skills and factual knowledge necessary to deal critically with the problems and materials in U.S. history. The program prepares students for intermediate and advanced college courses by making demands upon them equivalent to those made by full-year introductory college courses. Students should learn to assess historical materials—their relevance to a given interpretive problem, reliability, and importance—and to weigh the

evidence and interpretations presented in historical scholarship. An AP U.S. History course should thus develop the skills necessary to arrive at conclusions on the basis of an informed judgment and to present reasons and evidence clearly and persuasively in essay format. AP United States History is intended to help prepare students to successfully take the Advanced Placement History Exam which may possibly earn students college credit. **Note: A summer assignment is required for this course.**

**American Government** (1 term, .5 credit)

**Prerequisite:** American or AP US History

**Level:** Sr Required

**Fee:** None

This course fulfills the state constitution requirement. The course covers the basics of democracy, the working principles of our constitution, and the functions of the three branches of government. The course will provide information to allow the student to become an informed citizen capable of participation in our government.

**AP American Government** (2 terms, 1 credit)

**Prerequisite:** American or AP US History

**Level:** Sr Elective (Meets Government requirement)

**Fee:** None

AP United States Government and Politics will give students an analytical perspective on government and politics in the United States. This course includes both the study of general concepts used to interpret U.S. government and politics and the analysis of specific examples. It also requires familiarity with the various institutions, groups, beliefs, and ideas that constitute U.S. government and politics. AP United States Government and Politics is intended to help prepare students to successfully take the Advanced Placement Exam which may possibly earn students college credit. Strong reading and comprehension skills are needed for success in this course.

## **Social Studies Electives**

**Psychology** (1 term, .5 credit)

**Prerequisite:** World History or AP European History

**Level:** Jr, Sr Elective

**Fee:** None

This course will cover the basic principles, major theories and significant people in psychology. Topics will range from biological basis of behavior and how we learn, to development and abnormal behavior. Psychology is the study of what causes the behavior of the individual. Students taking this course should be average or above average readers. This course is highly recommended for any student intending to go to college.

**AP Psychology (Dual Credit)** (2 terms, 1 elective credit +3 credit hours at WCC )

**Prerequisite:** World History or AP European History

**Level:** Jr, Sr Elective

**Fee:** A \$24 fee will be assessed should the student elect to pursue dual credit

The AP Psychology course is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. They also learn about the ethics and methods psychologists use in their science and practice. This introductory college level course is rigorous and designed for students willing to be academically challenged with demanding material and concepts. Students will be prepared and encouraged to take the AP exam in May, which can potentially earn college credit. Students enrolled in this class may be eligible to receive both high school and college credit. This course is the equivalent of PSY 100 at Waubensee Community College. Students and parents should confer with their potential college choices about the transferability of this course.

**College American History (Dual Credit)** (2 terms, 1 elective credit, 6 WCC credit hours)

**Prerequisite:** Completion American History

**Level:** Senior Elective

**Fee:** A \$48 fee will be assessed should the student elect to pursue dual credit

This examination of history reviews the major historical developments from the experiences of indigenous peoples, the colonial regimes and nation building, the Civil War, Reconstruction and Western conquest, the rise of industrial capitalism and American ascendance as a global power, the Cold War, and concludes with contemporary American society. This course employs social and cultural history, as well as the more traditional political and economical approaches. Students who successfully complete this course will be eligible to earn both high school and college credit. This course is the equivalent of HIS 121 & 122 at Waubensee Community College. Students and parents should confer with their potential college choices about the transferability of this course.

**Contemporary Issues in American Society** (1 term, .5 elective credit)

**Prerequisite:** World History or AP European History

**Level:** Jr, Sr Elective

**Fee:** None

This course will engage students in the study of Contemporary Issues in American Society from Abortion to Gun violence, Foreign Policy to Health Care. Each issue will be addressed with the United States Constitution as the foundation for understanding the issue's complexity. Students will take an objective approach first by analyzing their own biases, then by examining the Ethos, Pathos and Logos of each crisis. Students of the course will collectively choose 5 of the 7 units, and their own Major Research topic that culminates with a 10 page, source heavy paper that ultimately predicts the course of the problem. The final assessment includes a group student run lesson that demonstrates what they have learned about their respective issues.

**Sociology** (1 term, .5 credit)

**Prerequisite:** World History or AP European History

**Level:** Jr, Sr Elective

**Fee:** None

This course will introduce students to the basic concepts, principles, and theories of sociology. Topics will include such items as norms, gender, stereotypes, and social class. Sociology is the study of how people behave in groups. Students taking this course should be average or above average readers.

**Economics** (1 term, .5 credit)

**Prerequisite:** World History or AP European History

**Level:** Jr, Sr Elective (fulfills consumer ed graduation requirement.)

**Fee:** None

This course will introduce the student to the basic principles of economics. A macroeconomic approach will be taken. Issues such as supply and demand will be covered. *This course fulfills consumer education graduation requirements.*

**Political Science** (1 term, .5 elective credit)

**Prerequisite:** World History or AP European History

**Level:** Jr, Sr Elective

**Fee:** None

This course will cover essential questions related to the history, philosophy, and contemporary applications of government. The basic questions of political organization and society will be addressed. Topics will include such items as: What is political science, and why it is important to study? What does it mean to be a good citizen? How does government best meet the needs of the people? What role should religion play in politics? What makes a law just? Are men equal? What is the nature of man? What is the ideal political system? The course will emphasize the enhancement of reading, writing, and critical thinking skills. Students taking this class should be average or above average readers. This class is highly recommended for students planning on studying political science or law in college.

# Special Education

**Study Skills** (1 term or 2 terms A/B, .5 credit)

**Prerequisite:** Placement determined by student's identified needs

**Level:** Fr, Soph, Jr, Sr

**Fee:** None

This course is designed to teach students study skills with an opportunity to apply these skills to assignments from their current classes. Study skills taught in this course include reading strategies such as summarizing, note-taking from text and lecture, outlining, and test preparation. Students may also receive individualized interventions during this class as determined by their IEP team. This course will be individualized to meet students' IEP goals and can be repeated.

**Essentials** (Credit will be given for the content area course)

**Prerequisite:** Placement determined by student's identified needs

**Level:** Fr, Soph, Jr, Sr

**Fee:** Course fees are commensurate with the content area course fee

Essentials classes provide an environment where students receive direct instruction in areas of academic deficit and compensatory skills for future success in the general education program. Essentials classes are available in core academic areas with instruction based around students' individual IEP goals.

**Reading/Writing Workshop** (4 terms, 2 credits)

**Prerequisite:** Placement determined by student's identified needs

**Level:** Fr thru Sr

**Fee:** \$39.00

This course is designed to assist students in developing reading and writing strategies that can be used in general informational, recreational, and content area reading and writing. Strategies are utilized to address word attack and comprehension skills, vocabulary, reading rate, and fluency. In addition, sentence structure, paragraph structure, five-paragraph essay structure, editing, and grammar skills are also taught. This course will be individualized to meet students' IEP goals and can be repeated.

**Essentials Core Algebra** (4 terms, 2 credits)

**Level:** Fr

**Prerequisite:** Placement determined by student's identified needs

**Fee:** \$5.00

This course is designed to assist students with specific deficits in areas of math. The focus of the course is on the study of variables and linear equations, graphing techniques, abstract reason skills, and problem solving skills. While similar algebra skills are covered, the material is paced to permit for mastery of content and further skill development. Topics include: the language of algebra, real numbers, solving linear equations, graphing relations and functions, analyzing linear equations, solving linear inequalities, systems of equations and inequalities, and statistics.

**Essentials Core Intermediate Algebra** (4 terms, 2 credits)

**Prerequisite:** Placement determined by student's identified needs

**Level:** Soph

**Fee:** \$5.00 A graphing calculator (TI-83 or equivalent) is recommended

This course is designed to assist students with specific deficits in areas of math. This is the study of algebra, its applications and is paced to permit for mastery of content and further skill development. Topics include: polynomials, factoring, quadratic and exponential functions, radical expressions, rational expressions and equations, analyzing equations and inequalities, graphing linear relations and functions, solving systems of linear equations and inequalities, and using matrices.



**Essentials Self-Advocacy** (2 terms, 1 credit)

**Prerequisite:** Placement determined by student's identified needs

**Level:** Soph, Jr, Sr

**Fee:** \$10

Students in this course will gain awareness and understanding of their disability and skills, with a focus on their ability to articulate their accommodations with confidence. Students will gain knowledge of career possibilities, exploring post-secondary options and participating in community service/service learning.

**Essentials Cooperative Education** (4 terms, 3 credits)

**Prerequisite:** Placement determined by student's identified needs

**Level:** Jr, Sr (Course can be repeated)

**Fee:** \$20

COOP is a partnership between Batavia High School and the Fox Valley business community. The course is designed to connect school-based learning and work-based instruction through actual on-the-job training. Students will also benefit from volunteer experiences that reinforce their classroom studies and help to focus their career interest. Students in COOP will receive one (1) credit for their classroom work and one (1) credit for their on-the-job training at an "approved training station". This class fulfills the consumer education requirement.

# World Languages

## **French**

French I (2 terms B208)  
French II (2 terms B210)  
French III (2 terms B212)  
French IV (2 terms B214)  
French V (H) (2 terms B215)

## **Latin**

Latin I (2 terms B216)  
Latin II (2 terms B218)  
Latin III (2 terms B220)  
Latin IV/V Poetry and Prose (2 Terms B222/ B224)

## **Spanish**

Spanish I (2 terms B200)  
Spanish II (2 terms B202)  
Spanish III (2 terms B204)  
Spanish IV (2 terms B206)  
Spanish V (H) (2 terms B207)

**French I** (2 terms, 1 credit)

**Prerequisite:** None

**Level:** Fr, Soph, Jr, Sr Elective

**Fee:** \$22.00

This course emphasizes learning basic conversational, reading, and writing skills in the French language including family life, school, restaurants, markets, transportation, food, clothing, and shopping. Videos, games, songs, skits, conversations, short readings, and essays provide further language practice. Success depends on strong study skills.

**French II** (2 terms, 1 credit)

**Prerequisite:** Successful completion of French I; the Department recommends a grade of “B” or better

**Level:** Fr, Soph, Jr, Sr Elective

**Fee:** \$22.00

This course continues the focus on improving and building conversational, reading, and writing skills in the French Language. More cultural topics about the French speaking world are explored including daily life, travel, parties and celebrations, and customs. Students will again practice and enhance their language skills through videos, games, songs, skits, conversations, short readings and essays. Success depends on strong study skills.

**French III** (2 terms, 1 credit)

**Prerequisite:** Successful completion of French II; the Department recommends a grade of “B” or better

**Level:** Soph, Jr, Sr Elective

**Fee:** \$22.00

This course completes the study of basic grammar and continues to improve listening and reading, comprehension, written and oral communication and cultural awareness. Students will be able to read and discuss short stories. Two special units include oral presentations on Paris and French impressionism, culminating in a visit to the Chicago art museum and a French restaurant. This class is conducted primarily in French.

**French IV** (2 terms, 1 credit)**Prerequisite:** Successful completion of French III; the Department recommends a grade of “B” or better**Level:** Jr, Sr Elective**Fee:** \$32.00

Students will refine and deepen their knowledge of French through conversation, reading and composition. They will study the history of France from Roman times through the 18th century, and explore the provinces of modern France. They will read and discuss various short stories as well as the novel, *The Little Prince*. The class is conducted in French. As a course option, students may elect to pursue a State Seal of Biliteracy.

**French V (Honors)** (2 terms, 1 credit)**Prerequisite:** Successful completion of French IV**Level:** Sr Elective**Fee:** \$55.00

This honors course develops advanced speaking and writing skills and enhances cultural understanding. Students study contemporary France and Francophone countries through the use of authentic materials (video, audio, computer resources, literature) in order to develop a high degree of proficiency in the language. Students may take the Advanced Placement exam in May. As a course option, students may elect to pursue a State Seal of Biliteracy.

**Spanish I** (2 terms, 1 credit)**Prerequisite:** None**Level:** Fr, Soph, Jr, Sr Elective**Fee:** \$4.00

This course introduces students to the communicative skills of listening, speaking, reading, and writing by means of language drills, games, songs, role-playing, skits, and comprehensible input. Students will also gain exposure to various Spanish-speaking cultures. Success depends upon strong study skills.

**Spanish II** (2 terms, 1 credit)**Prerequisite:** Successful completion of Spanish I; the Department recommends a grade of “B” or better for students wishing to advance**Level:** Fr, Soph, Jr, Sr Elective**Fee:** \$4.00

This course continues to develop skills in speaking, listening, reading and writing. Role-playing and group skits supplement language practice. Success depends upon strong study skills.

**Spanish III** (2 terms, 1 credit)**Prerequisite:** Successful completion of Spanish II; the Department recommends a grade of “B” or better for students wishing to advance**Level:** Soph, Jr, Sr Elective**Fee:** \$14.00

Students continue to develop the communicative skills of listening, speaking, writing, and reading by means of language drills, games, role-playing, and comprehensible input/output. In addition, through more in-depth reading, students survey Latin American history and cultures. Each student produces in Spanish a written and oral presentation of an individual country.

**Spanish IV** (2 terms, 1 credit)**Prerequisite:** A grade of “B” in Spanish III is recommended.**Level:** Jr, Sr Elective**Fee:** \$4.00

The major emphasis in this course is on reading, composition, culture, and conversation. The study of the Spanish culture is emphasized, which is read and discussed in Spanish. An introduction to Cervantes' classic *Don Quijote*. Spanish grammar is reviewed and many conversational activities are initiated. As a course option, students may elect to pursue a State Seal of Biliteracy.

**Spanish V (Honors)** (2 terms, 1 credit)**Prerequisite:** Spanish IV**Level:** Sr Elective**Fee:** \$55.00

This honors course focuses on reading and conversation on topical subjects as well as listening comprehension assessment. It also includes projects and oral presentations and individualized grammar review. Students may take the Advanced Placement exam in May. As a course option, students may elect to pursue a State Seal of Biliteracy.

**Latin I** (2 terms, 1 credit)**Prerequisite:** None**Level:** Fr, Soph, Jr, Sr Elective**Fee:** \$27.00

Students will begin to learn how to read and write in Latin. They will read stories of various historical figures and events in Latin while focusing on grammar, vocabulary and Roman mythology. Students will practice their grammar and vocabulary through these stories and composition work while increasing their English vocabulary through Latin derivatives. Students will learn cultural and historical information through Latin readings, essays, maps, art and myths.

**Latin II** (2 terms, 1 credit)**Prerequisite:** Successful completion of Latin I**Level:** Fr, Soph, Jr, Sr Elective**Fee:** \$27.00

Students will continue their study of reading and writing in Latin. This class will prepare students to read the Latin authors in their original forms in Levels III and IV. The class will study more complex grammar, reading, and vocabulary to help prepare them for the upper levels and to complete the basic grammar concepts while continuing to develop their reading and writing skills. Students will also create a project about an important person in Roman history and give a presentation to the rest of the class.

**Latin III** (2 terms, 1 credit)**Prerequisite:** Successful completion of Latin II; the Department recommends a grade of “B” in Latin II for students wishing to advance.**Level:** Soph, Jr, Sr Elective**Fee:** \$4.00

Students will translate and analyze selections from the lyric poetry of Catullus and Horace and study the universal themes and poetic figures of these authors. Grammar from levels one and two will be reviewed to help with reading and writing. Students will create a story book project that will have them create a story in Latin to show their composition skills and they will present these projects to the class.

**Latin IV/V Poetry and Prose** (2 terms, 1 credit)**Prerequisite:** Latin III**Level:** Jr and Sr**Fee:** \$4.00ea

This course is a continuation from level III Latin. Latin IV/V Poetry and Prose will be a rotating curriculum where one year we would study the lyric poetry of Ovid’s Metamorphoses and the second year would be the study of Vergil’s Aeneid. This course will allow students who are looking to continue their study of Latin to be exposed to more authors as well as take more time with the complex grammar and vocabulary that enriches the text they are reading. This additional time would also allow for better mastery of the language itself as well as the skills that come with it including reading comprehension, and critical thinking to name a few. As a course option, students may elect to pursue a State Seal of Biliteracy.

# FOX VALLEY CAREER CENTER

If you are considering a program offered through the Fox Valley Career Center for next year, please read the following before making your decision. The Fox Valley Career Center offers a variety of specialized vocational courses and program that its individual member schools are unable to support on their own. Click [here](#) to visit the FVCC website and [here](#) for the Course Catalog.

Batavia High School's affiliation with the Center represents a significant financial commitment on the part of School District. Therefore, before enrolling in a Fox Valley Career Center course we ask that you consider the following:

- FVCC programs run for the entire school year.
- You may not drop a course during the year.
- Transportation will be provided for on-site courses
  - The bus is an extension of Batavia High School and the same behavior expectations listed in the Batavia High School Student Handbook are thus in effect.
  - If a student cannot meet these expectations, he or she will be dropped from the program without credit, will not be able to enroll in another course, and will be assigned to In-School Suspension for the remainder of the term.
- Satellite courses are offered at various sites and students signing up for these courses are responsible for their own transportation.
  - Make sure you have reliable transportation before signing up for a satellite course.
  - Be aware that signing up for a satellite course does not automatically guarantee you a parking space at BHS.
- The time schedules for satellite courses often do not fit well with our schedule.
  - Students may have to leave early and arrive late to classes and may not have a full lunch period. It is the student's responsibility to make arrangements with BHS staff to make up any materials missed.
- Batavia High School attendance and discipline policies will be followed at the satellite course locations. If these expectations cannot be met, students may be dropped from the program without credit, will not be able to enroll in another course, and will be assigned to in-school-suspension for the remainder of the semester.

Finally, we ask that you read the class description thoroughly and ask questions so that you are comfortable that this program and the schedule will meet your needs. Student initiated changes will not be permitted.

Descriptions of courses at Fox Valley Career Center are given below. **These courses are open to juniors and seniors.** On-site Fox Valley Career courses consist of two (2) blocks all year. If there is a charge in addition to the home school fees, it is shown in the description.

## On-site Courses

**Automotive Technology I** introduces a student to the wide field of auto repair. The class is divided into four main areas of study: brakes; steering and suspension; electrical; and engine repair and computer controls. Students will receive classroom instruction and time in lab to complete hands on repairs to vehicles. Students will also be instructed on how to locate service data, determine what is important and use that information to troubleshoot and repair automobiles. Students must supply their own safety glasses and steel toe shoes/boots. Tools will be provided. **Fee: \$45.00. Grade: 11-12 Prerequisite: None**

**Automotive Technology II** is an extension of Automotive Technology I. While the focus is still on the four main areas of study from Auto I, the course is project based, and students are allowed input into what topics are covered. Students are encouraged to suggest or bring in their own projects and are given more time in the lab to complete larger repairs. However, all projects must be approved by the instructor. Students must supply their own safety glasses and steel toe shoes/boots. Tools will be provided. **Fee: \$45.00. Grade: 11-12 Prerequisite: Auto Tech I**

**Early Childhood II** is a continuation of Early Childhood I. Emphasis is placed on working with infants, children with special needs, and elementary school children. Students are provided opportunities to work in the infant-toddler room at Small World Learning Center or serve as interns in area schools throughout the community. Students explore food and nutrition, various child care programs (Montessori, Head Start, etc.), early childhood theorists and research career opportunities. Students earning a grade of B or better can receive credit for ECE 101: Intro to Early Childhood Education at Waubensee Community College or ECE 124: Curriculum Planning for the Young Child at Elgin Community College. **Fee: \$35.00 Grade: 12 Prerequisite: Child Development and Child Care Lab**

**Electrician I** covers a variety of wiring practices involving the use of Romex cable and conduit to construct most of the lighting and receptacle outlet circuits found in modern homes. The course includes units on basic electrical circuits, magnetic motor control circuits and components, National Electrical Code rules, blueprint reading, and meter box and circuit breaker panel wiring. Students will also regularly collect and monitor data from our existing solar panels. Students must supply their own safety glasses and steel toe shoes/boots. **Fee: \$30.00 Grade: 11-12 Prerequisite: None**

**Electrician II** is an extension of the Electrician I course with a heavy emphasis placed on conduit work, more complex circuits and components and a more comprehensive study of state and national electrical codes. The course will also include work on 200 amp service entrance meter box and circuit breaker panel wiring as well as more detailed blueprint reading. The students will design, analyze data, and complete a class project that will incorporate what they have learned to date. Students must supply their own safety glasses and steel toe shoes/boots. **Fee: \$30.00 Grade: 11-12 Prerequisite: Electrician I.**

**Emergency Medical Technician (EMT)** will prepare students to become competent, entry-level EMTs in order to serve in volunteer and/or professional career positions in the State of Illinois and area communities.

EMT program fulfills the prescribed requirements by Illinois Department of Public Health (IDPH) and prepares students to practice the art and science of prehospital medicine in conjunction with medical direction. The goal is to prevent and reduce mortality and morbidity due to illness and injury. An EMT primarily provides care to emergency patients in a prehospital setting and serves as a vital member of the healthcare team.

This program is available to students who plan to go into the healthcare or fire science fields, or another area of emergency medical services. Upon completion of EMT, the student is prepared to take the EMT State Exam which allows for certification from the IDPH.

Special Requirements: All students must purchase a FVCC uniform top, pants, ID badge, stethoscope, watch with second hand and textbook.

In addition, students must complete and pass an American Heart Association healthcare provider CPR class. As part of the EMT class, students will complete a minimum of twenty (20) hours of emergency room clinical in the prescribed time indicated by the instructor. The law requires all persons involved in patient care at any health agency to have a 2-step tuberculin skin test, proof of vaccinations for MMR (mumps, measles, rubella), hepatitis B and flu vaccine.

The students must also pass a drug screen and criminal background check.

**Fee: \$30.00 plus costs for manual/workbook, drug screen, TB test, flu vaccine and background check. Additionally, uniform and equipment costs are approximately \$100.00. Grade: 12 Prerequisite: Grade of B or greater in Biology**

**Fire Science I:** All first year students (whether junior or senior) follow the complete OSFM Basic Operations Firefighter curriculum which will include the cognitive and psychomotor components to Basic Operations Firefighter, Hazardous Materials Awareness and Operations, Fire Service Vehicle Operator, Technical Rescue Awareness, Basic First Aid, AHA CPR and AED, and NIMS 100 and 700. The only exception is that students will not engage in live interior structural firefighting activities due to age and liability aspects as recommended by OSFM. As students progress through graduated skill evolution, drills are added with increasing complexity to challenge and evaluate firefighter capabilities. Drills combine students from Fire Science I, Fire Science II and the EMT program to simulate real life emergency scene situations. Fire Science is a dual credit program with Waubensee Community College. There is a processing fee of \$5 per credit hour for college credit. **Fee: \$45 Grade: 11-12 Prerequisite: None.**

**Fire Science II:** Second year students follow OSFM Advanced Technician Firefighter Curriculum including the cognitive and psychomotor components relevant to a journeyman firefighter as outlined by NFPA 1001. In addition, students will receive complete training toward OSFM certification in Vehicle Machinery Operations (vehicular extrication), Fire Apparatus Engineer (Pump Operator), and NIMS 200. The only exception is that students will not engage in live interior structural firefighting activities due to age and liability aspects as recommended by OSFM. As students progress through graduated skill evolution, drills are added with increasing complexity to challenge and evaluate firefighter capabilities. Drills combine students from Fire Science I, Fire Science II and the EMT program to simulate real life emergency scene situations. Fire Science is a dual credit program with Waubensee Community College. There is a processing fee of \$5 per credit hour for college credit. **Fee: \$45 Grade: 11-12 Prerequisite: Fire Science I**

**Health Occupations--Basic Nurse Assistant Training (BNAT):** Health Occupations introduces the student to various health concepts and trains them to work as a Certified Nursing Assistant (CNA). The CNA is responsible for giving nursing care. This program is available to students who plan to go into the healthcare system. Upon completion of Health Occupations - BNAT, the student is prepared to take the Nurse Aide Training Competency Exam which allows for certification from the Illinois Department of Public Health.

Students must provide their own transportation to classes and off-campus clinical sites. Students must pass CPR for Healthcare Providers with an 84% or better and pass all units with a 70% or better to be eligible to sit for the IDPH Nurse Assistant Exam. In addition, students may not miss more than 12 classroom days and 3 clinical days to remain eligible to sit for the exam. **Fee: \$30.00 plus costs for a textbook, workbook, drug screen, TB test and background check. Uniform and equipment approximately \$60. The State CNA Examination fee is \$65.00 Grade: 11-12 Prerequisite: Read at an eighth grade level, perform basic math skills, lift 50 pounds with no restrictions, be 16 years of age, and have a valid social security number. Students should show emotional maturity and be in good physical health.**

Note: This is a full year course with clinicals.

**Special Requirements for Health Occupations:**

- All students must purchase a FVCC scrub uniform and white shoes, ID badge, gait belt and vital sign equipment for clinical sites. Also, a watch with a second hand is mandatory to take vital signs. The law requires all persons involved in patient care at any health agency to have a chest X-ray or 2-step tuberculin skin test and a hepatitis B vaccination series as part of their yearly physical exam. Students must also pass a drug screen and health care worker criminal background check. Students that receive a grade of B or better can receive college credit.

**Welding I** is an introductory course designed to help students master skills in the following areas: shielded arc welding, gas metal arc welding, tungsten metal arc welding, oxy acetylene welding, bronzing, flame cutting and the fundamentals of weld shop fabrication. Other manufacturing skills include shop and machine maintenance, welding materials and blueprint reading. Welding I students will complete a competency chart. Students must supply their own steel toe shoes/boots, safety glasses, heavy gloves, work shirt, and necessary tools/materials. **Fee: \$45 Grade: 11-12 Prerequisite: None, but Introductory Industrial Technology courses are recommended.**

**Welding II** will utilize the concepts practiced in Welding I with more in-depth specialization. A higher level of competency is expected. The course material will be developed around problem solving fabrication equipment, operational procedures, production layout, technical function, pipe welding, and necessary tools/materials. Students must supply their own steel toe shoes/boots, safety glasses, heavy gloves, work shirt, and necessary tools/materials. **Fee: \$45 Grade: 11-12 Prerequisite: Welding I**

## Satellite Courses

**Cosmetology I** is divided into several units of study that include hair shaping, hair styling, draping, shampooing, blow dry styling, manicuring, facials, waving and sanitation. Chemistry and professional ethics will be taught in conjunction with the above units. Laboratory work and classroom instruction help students learn the theory required for licensing. Students must complete 750 hours to continue in the program. **Fee: Students are required to furnish their own transportation to the training schools, buy uniforms, shoes, cosmetology kit, and pay the required registration and lab fees.**

**Grade: 11-12 Prerequisite: None**

**Cosmetology II** will continue work to obtain the required 1500 hours and meet the state requirements for licensing testing. After completing the second year of cosmetology curriculum and the 1500 required lab hours, students may take the Cosmetology Licensing Exam and become a licensed cosmetologist. **Fees: Students are required to furnish their own transportation to the training schools, replenish any supplies needed, buy uniforms, shoes, and pay the required lab fees. Grade: 11-12 Prerequisite: Cosmetology I.**