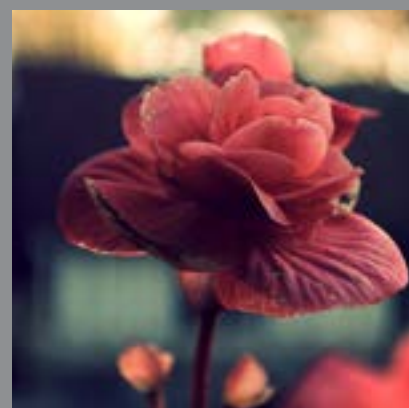


Batavia High School

2015 – 2016



Course Catalog

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Contact List

Principal

JoAnne Smith

Assistant Principal Operations/Athletic Director

Dave Andrews

Assistant Principal Curriculum and Instruction

Lenny DePasquale

Assistant Principal Student Services

Erin Reid

Assistant Principal Student Life

Bob Dietz

Division Coordinators

(Contact for questions regarding: Course placement, course sequencing, and course expectations)

Laura Anderson • laura.anderson@bps101.net • 630-937-8926

Special Education, Counseling & Advising, and Related Services

Sara Thomas • sara.thomas@bps101.net • 630-937-8925

Wellness & Fine Arts (Family and Consumer Science, Health and Physical Education, Arts, Media and Broadcasting, and Driver's Ed)

Brian Gamlin • brian.gamlin@bps101.net • 630-937-8923

STEM (Science, Technology, Engineering, Mathematics, and Business)

Tom Shields • tom.shields@bps101.net • 630-937-8924

Humanities (English, Social Studies, and World Languages)

School Counselors

Students may make individual meetings with the counselor to discuss academic needs.

Alton Rollerson

630-937-8625

Freshman

Arlene Sweeney-Schmidt

630-937-8624

Sophomore

Steve Lesniak

630-937-8627

Jr/Sr A-G

Erin Hack

630-937-8623

Jr/Sr H-O

Corey Bernard

630-937-8927

Jr/Sr P-Z

Registrar

Kelli Robinson

630-937-8615

Counseling & Advising Secretary

Dale Krypel

630-937-8622

College & Career Secretary

Shana Rydholm

630-937-8629

Course Expectations

The following terms are used to describe the student expectations in courses at Batavia High School:

College Prep — 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.

Honors (H) — 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.

Advanced Placement (AP) — 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.

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.

	AP/Honors	College Prep
A	5.0	4.0
B	4.0	3.0
C	3.0	2.0
D	2.0	1.0
F	0	0

Class 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.

Graduation Requirements

Minimum Credits Required for Graduation: 26

.5 credit Consumer Education ^{*1}	2 credits Science
.5 credit Government	3 credits Math
.5 credit Health	2 credits Social Studies
.5 credit Speech ^{*2}	3.5 credits English
1 credit US or American History	3.5 credits P.E.

^{*1} Can also take Economics or Incubator Entrepreneurship or Virtual Enterprise International (VEI)

^{*1} Can take Introduction to Speech, Advanced Speech or Argumentation & Debate to fulfill this requirement



Add or Drop: Class schedules will ONLY be changed for the following reasons: (*all of these changes will be initiated by the school*)

- 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

Course Offering

Please note that courses may not be offered at the discretion of the administration or if the course does not meet the minimum number of enrolled students.

7th Semester Graduation Policy

Though 7th semester graduation is not recommended, it may be in the best interests 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 four (4) out of building credits will be accepted to allow a student to graduate on time. Only two (2) of these credits may be by correspondence. These courses must be approved by an administrator prior to enrolling in the course.

Correspondence Course Guidelines

1. Be aware, the correspondence school uses a higher grading scale than BHS. The grade issued from the school will be recorded on the transcript and computed in the student's GPA.
2. No student will be allowed to register for a correspondence course after March 1 of the year they are graduating. Students must complete the course by April 15th in order for students to participate in the graduation ceremony.

Dual Credit at Batavia High School

Certain classes at Batavia High School are designated "Dual Credit." Students who earn a "C" or better in these classes also receive college credit through Waubensee Community College. There is a small recording fee for this. Colleges have various policies about accepting this credit, though most will. Questions should be directed to your counselor or the university.

Dual Credit Policies

Waubensee 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 reenroll in a high school course as soon as possible (beginning of next term).

Articulated Credit Transfer Form

[Click to go to Online form](#)

[Click to go to paper form](#)

Students taking and receiving credit for classes in Art, Applied Learning, Home Economics, and Industrial Technology are eligible for college credit at Waubensee Community College. A Credit Transfer Form is included in this Registration Handbook.

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) College?" 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.

Top Factors Influencing Admission Decisions

Each year, the National Association for College Admission Counseling (NACAC) surveys colleges and universities to determine the top factors influencing admission decisions. According to the 2011 "State of College Admissions Report," the following factors, in order of importance, were:

Factor	Percentage of colleges attributing considerable importance to these factors
Grades in college prep courses	83.4%
Strength of curriculum	65.7%
Admission test scores SAT/ACT	59.3%
Grades in all courses	46.2%
Essay or writing sample	26.6%
Student's demonstrated interest	23.0%
Class rank	21.8%
Counselor recommendation	19.4%
Teacher recommendation	19.0%
Subject test scores AP/IB	9.6%
Interview	9.2%
Extracurricular activities	7.4%
Portfolio	5.9%
SAT II scores	5.3%
State graduation exam scores	4.2%
Work	1.9%

Average ACT & GPA of BHS Top Colleges

College or University	Average ACT Accepted	Average GPA Accepted
Augustana College	24 - 29	3.16
Aurora University	19 - 24	3.22
Ball State University	20 - 24	3.42
Illinois State University	22 - 26	3.45
Iowa State University	22 - 28	3.51
North Central College	22 - 27	3.58
Northern Illinois University	20 - 25	3.16
University of Illinois-Urbana	27 - 32	3.94
University of Iowa	25 - 28	3.61
University of Missouri	23 - 28	3.40
University of Wisconsin-Whitewater	20 - 24	3.30
Western Illinois University	18 - 23	3.00

Course Placement Procedure

Students are placed into classes according to their skill set as demonstrated on the ACT EXPLORE Exam, teacher recommendations, and prior achievement data. The ACT EXPLORE Exam measures student preparedness for their high school coursework and their post-high school choices as well. ACT EXPLORE serves as the entry point into ACT's College and Career Readiness System. Batavia High School, like many high schools, uses the results from ACT EXPLORE as our primary indicator for 9th grade student core academic placement as part of the course selection process.

Below are the ACT College and Career Readiness Standards Benchmarks which are the guiding data points used to place students in honors or regular courses their freshman year.

The EXPLORE, PLAN, AND ACT Exam shows a student's college readiness skill-level; these skill-levels correspond to high school course sequencing, which is designed to build upon and stretch their existing skill base.

Test	EXPLORE	PLAN	ACT
English	14	15	18
Mathematics	18	19	22
Reading	17	18	22
Science	19	20	23

For more information about the EXPLORE Exam please go [here](#).

Appeals

Students or their parents can appeal a placement by simply filling out a form on the website. 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. Please reference the incoming freshmen website for more information.

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.

Ways for Parents to get Involved

BSPN — Batavia Special Needs Parent Network

The BSPN includes parents, special-education teachers, school therapists and administrators within Batavia Public School District 101, which serves children from Batavia, Geneva and Aurora. Our group welcomes anyone interested in improving and supporting special education. Our primary goal is to create a support network for parents of special-education students. Any parent can benefit from the exchange of ideas and information with other parents and school personnel. We regularly host informal coffee chats to allow parents to meet and share experiences and information. As opportunities arise, we plan to host educational events to provide information about topics of interest to the special-needs community.

Contact: Leeann Rodriguez leeann.rodriguez@bps101.net



Music Buffs — Batavia Music Boosters

Batavia schools have a rich tradition of music education and providing music opportunities for our students. The Batavia Music Buffs is an all volunteer organization that supports music programs in all of Batavia's schools. www.bataviamusicbuffs.org

Ways for Parents to get Involved

PAC — Parent Advisory Council

The PAC group meets throughout the year to address issues related to the success of its students and school. The mission of the PAC group is to optimize the school experience for all students. This is achieved through parental understanding of, and involvement in, the curriculum and programs associated with Batavia High School. The faculty and administration must also have an awareness of the community's view of the school to achieve this mission, and your valuable input is needed. Meets one Tuesday a month with the principal. [Click here to access](#)

Batavia Bulldog Boosters Batavia Athletics and Sports Booster

The Batavia Bulldog Booster Organization, Inc. is a not for profit organization which supports and enhances the Batavia High School and Rotolo Middle School student athlete's experience through fundraising and donations from parents, the community, and local business to provide our student athletes and teams with the funds for equipment, uniforms, or other items above and beyond the district's athletic budget. www.bataviabulldogboosters.org

STAGE — Batavia Theatre Arts Boosters

STAGE supports, encourages, maintains, and promotes Rotolo and Batavia High School Theatrical productions. Participation in theater productions is an integral part of the educational system that stimulates confidence, teamwork, a positive work ethic, and showmanship – all important characteristics necessary for success in life. www.bataviastage.org

Studio — Batavia Visual Arts Boosters

The purpose of the Studio - Batavia Visual Arts Boosters is to encourage and promote an enthusiastic interest in and appreciation for the various activities connected with the Batavia High School and Rotolo Middle School Visual Arts Departments. Studio lends all possible support, both educationally and financially to the art students. Not for profit. www.studiobatavia.org

Course Selection (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 around December 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 students 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.

BATAVIA HIGH SCHOOL PROGRAM OF STUDY

9th GRADE PROGRAM

	Term	Term	Term	Term
Block	*English I or *Eng, I Honors	*English I or *Eng, I Honors	*Cultural Studies or *AP Human Geography	*Cultural Studies or *AP Human Geography
Block	*Math	*Math	*Science	*Science
Block	*PE	*Health		
Block				

10th GRADE PROGRAM

	Term	Term	Term	Term
Block	*English II or *Eng. II Honors	*English II or *Eng. II Honors	*World History or *AP European History	*World History or *AP European History
Block	*Math	*Math	*Science	*Science
Block	*PE	*PE and/or Driver's Ed.		
Block				

This form is a tentative plan. Information and courses can be changed at course selection time each year. It is not necessary to contact the counselor to make changes. Students may be placed in a full year academic class based on student needs.

*** denotes graduation requirements**

BATAVIA HIGH SCHOOL PROGRAM OF STUDY

11th GRADE PROGRAM

	Term	Term	Term	Term
Block	*American Lit. or *AP English Lang. & Comp.	*American Lit. or *AP English Lang. & Comp.	*American History or *AP US History	*American History or *AP US History
Block	*Math	*Math		
Block	*PE	*PE		
Block				

12th GRADE PROGRAM

	Term	Term	Term	Term
Block	*Consumer Ed. or *Economics or *Virtual Enterprise Int'l. or *Incubator Entr.	*American Government or *AP American Government (2 terms)	*PE	*PE
Block	*English		*Speech or *Adv. Speech or *Debate	
Block				
Block				

Students interested in going on to college are strongly encouraged to enroll in a senior year math, science and English. Some colleges also require two or more credits of a world language, although some will accept fine arts or vocational studies in its place.

Art

Introduction into Art and Media

Art Fundamentals (2 terms B860)
 Cultural Diversity through Art (1 term B870)
 Fashion Design and Marketing (1 term B846)
 Graphic Arts I (2 terms B822)
 Interior Design (1 term B844)
 Theater Arts (1 term B135)
 Video Production I (1 term B146)

Art Fundamentals is a prerequisite for the upper level art courses listed in the 2-D and 3-D Fine Art Tract, except for seniors. Senior students may take two upper level courses without having taken Art Fundamentals. Graphic Arts I and Video Production I are prerequisites for Graphic Arts II and Video Production II.

2-D Fine Art Tract

Art Fundamentals (2 terms B860)
 *Drawing: Art & Philosophy (1 term B861)
 *Painting: Art & Politics (1 term B862)
 AP Studio Art (2 terms B867)

3-D Fine Art Tract

Art Fundamentals (2 terms B860)
 *Ceramics: Art & Society (1 term B864)
 *Sculpture: Art & Identity (1 term B863)
 *AP Studio Art (2 terms B867)

Graphic Arts Tract

Graphic Arts I (2 terms B822)
 *Graphic Arts II (2 terms B824)
 Graphic Arts: Production (4 terms B828/B829)
 Graphic Arts: Management (4 terms B830/B831)
 Graphic Arts: Independent Study (2 terms)

Photography Tract

Photography I (1 term B856)
 *Photography II (1 term B859)

Theatre Tract

Theatre Arts (1 term B135)
 Independent Theatre Study (1 term)

Video Production Tract

Video Production I (2 terms B146)
 Video Production II (1 term B155)
 Video Production III (1 term B156)
 *Independent Video Production (1 term)

**All repeatable courses cannot be repeated in the same school year; they may be repeated in a subsequent year.
 Each repeatable art course may be taken twice.*



Art

Art Fundamentals

(2 terms, 1 credit)

Prerequisite: None

Level: Fr, Soph, Jr, Sr Elective

Fee: \$38.00

Art Fundamentals is an introductory course that explores a variety of 2-dimensional and 3-dimensional media like: drawing, painting, ceramics, wearable art, and sculpture. Previous art experience is not necessary for this course as each student will create and grow artistically at his or her own level. The goal for students is to express and share their personal narratives and voice through the creation of art. Throughout 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.

Advanced Placement Studio Art

(2 terms, 1 credit)

Prerequisite: two of the following : Ceramics: Art and Society, Drawing: Art and Philosophy, Painting: Art and Politics, Sculpture: Art and Identity

Level: Jr, Sr Elective

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 three sections: quality, breadth, and concentration. In the AP studio art class students will work on creating a thematic body of work that will fulfill the concentration section of their chosen portfolio. If a student has already completed the concentration section they will work to complete their breadth section of the portfolio. A complete AP Studio Art portfolio will not be completed over the duration of the course. Students will be asked to fill in missing pieces with work from previous courses, summer work, or to request an independent study to complete the portfolio. Portfolio submission is not required to take the course. A "C" or better in previous art courses is suggested. Not all supplies are covered by the course fee; due to the individual nature of the class students will be required to collect materials specific to their own art making needs.

*Fees may not cover all expense

Ceramics: Art & Society

(1 term, .5 credit - Available terms 1, 2, 4)

Prerequisite: Art Fundamentals

Level: Soph, Jr, Sr Elective

Fee: \$30.00

"What is my role in life?" Using clay, students will create thoughtful and unique artworks that relate to the societies in which they live. Students will study the social connections that tie people together while developing and refining their ceramic hand building techniques. Through the creation of ceramic sculpture students will take a closer look at their role, how it affects others, and the world around them.

Cultural Diversity Through Art

(Previously: *Cross Cultural Traditions*)

(1 term, .5 credit)

Prerequisite: None

Level: Fr, Soph, Jr, Sr Elective

Fee: \$15.00

If you are interested in learning about various cultures throughout the world and have an appreciation for art, then Cultural Diversity Through Art is the class for you. In this class, students will explore different cultures and what makes them unique from one another. Students will also create artwork related to each culture while sharing their own experiences. This is an art immersion class, therefore no prior artistic skill is necessary and does not meet the advanced requirements for AP Art.

Drawing: Art & Philosophy

(1 term, .5 credit)

Prerequisite: Art Fundamentals

Level: Soph, Jr, Sr Elective

Fee: \$30.00

This course will focus on developing drawing skills and refining creative techniques. Students will use critical thinking and the artistic process to make unique artworks that express personal ideals and philosophies. All people question life and all art is an expression of our thoughts, hopes, dreams, and values. The goal is to use art to explore what you value in life and what you think about your place in this world.

Fashion Design and Marketing

(Previously: *Fashion Merchandising and Marketing*)

(1 term, .5 credit - Available terms 1, 2)

Prerequisite: None

Level: Soph, Jr, Sr Elective

Fee: \$20.00

If you are you interested in fashion and designing your own wearable pieces, then Fashion Design and Marketing is the course for you. In this course, students will explore the background of fashion design, apply artistic concepts and create their own fashion accessories from a variety of media. Students will also learn how to market their pieces. ([Valees-H215](#))

Interior Design

(Previously: *Housing and Interior Design*)

(1 term, .5 credit)

Prerequisite: None

Level: Soph, Jr, Sr Elective

Fee: \$10.00

Designing spaces is an important part of creating the world we live in today. Students will study the factors that influence interior design, apply art concepts and the development of color, materials furnishings, and floor plans integral to creating beautiful spaces. ([Valees-H705A](#))

Painting: Art & Politics

(1 term, .5 credit)

Prerequisite: Art Fundamentals

Level: Soph, Jr, Sr Elective

Fee: \$30.00

This course will focus on exploring individual interests and developing artworks that express concepts centered around world issues (political, social, environmental, etc.). Students will use critical thinking, the artistic process, and painting techniques to say something. Express yourself--as artists you have the power to make change. The goal is to use art to explore your concerns/opinions of the condition of our world today and consider how you can impact the world around you.

Photography I

(1 term, .5 credit)

Prerequisite: None

Level: Soph, Jr, Sr Elective

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. ([Valees-I131](#))

Photography II

(1 term, .5 credit)

Prerequisite: Photography I

Level: Soph, Jr, Sr Elective

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 1, 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 1. ([Valees-I247](#)) Grade of "B" or above in Photo 1 is recommended.

Sculpture: Art & Identity

(1 term, .5 credit - Available terms 1, 2, 3)

Prerequisite: Art Fundamentals

Level: Soph, Jr, Sr Elective

Fee: \$40.00

"Who am I?" Students will explore and develop their personal identity while refining and developing their mixed-media sculpture techniques. In Art and Identity, students learn about themselves by studying who they are, how they want to be viewed, and who they want to become through reflective writing, discussion, and sculpting. We will sample a variety of media in this course turning everyday objects into art. This class is a great way to gain acceptance of yourself and others around you

Graphic Arts

Graphic Arts I

(2 terms, 1 credit)

Prerequisite: None

Level: Fr, Soph, Jr, Sr Elective

Fee: \$45.00

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 Layout and Design, Typography, Screen Printing, 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, a logo design, printed memo pad, business cards, menus, flyers, screen printed poster, buttons, brochures, stickers and a portfolio project. At the completion of this course, students can earn 3 articulated college credit hours at Waubensee Community College. ([Valees-I146](#))

Graphic Arts II

(2 terms, 1 credit)

Prerequisite: Graphic Arts I/A grade of "C" or better is recommended

Level: Soph, Jr, Sr Elective

Fee: \$45.00

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. Offset, Screen and Digital printing will be used to produce a variety of projects including: magazine covers, CD booklets, package designs, letterhead, envelopes, business cards, T-shirts, vinyl stickers, large format posters, and a finished portfolio of your project work. At the completion of this course, students can earn 3 articulated college credit hours at Waubensee Community College. ([Valees-I246](#))

Graphic Arts: Production

(4 terms, 2 credits)

Prerequisite: Graphic Arts II/ A grade of “B” or better is recommended

Level: Jr, Sr Elective

Fee: \$45.00

Students will learn and train in a production environment. Students will learn how to operate industry standard digital copiers, scanners, plotters, cutters, offset presses, and finishing equipment. Students will play an important role in many high quality, challenging projects, including printing for student organizations, play posters, graduation programs and many other manufactured jobs for the high school and district. Students will learn how to properly write a creative brief and job ticket to communicate job specifications as well as design objectives. Students will use industry standard software such as Adobe Illustrator, Adobe Photoshop, and Adobe InDesign for Layout and Design. A final portfolio of student created work is required. At the completion of this course, students can earn 3 articulated college credit hours at Waubonsee Community College. ([Valees-1334](#))

Graphic Arts: Management

(4 terms, 2 credits)

Prerequisite: Graphic Arts II/ A grade of “B” or better is recommended

Level: Sr Elective

Fee: \$45.00

Students will continue to learn and train in a production environment and perfect the techniques learned in Graphic Arts Production. Students will also assume a leadership role in production tasks and will help with job estimating, scheduling, customer relations and financial management responsibilities. This will ensure that students have a well-rounded skill-set in which to continue their education in Graphic Arts or enter the workforce. A final portfolio of student created work is required. Students may be eligible for Waubonsee Community College credit as per WCC articulation Agreement. At the completion of this course, students can earn 3 articulated college credit hours at Waubonsee Community College. ([Valees-1434](#))

Graphic Arts: Independent Study

(2 terms, 1 credit)

Prerequisite: Graphic Arts I, Graphic Arts II, Graphic Arts: Production and/or instructor approval

Can take while enrolled in Graphic Arts: Management

Level: Sr Elective

Fee: \$45.00

One of the most important aspects of your education as well as preparation for entering the professional world of design and production is to gain practical experience. Independent Study is an in school experience and is the primary opportunity for you to learn important job skills. This is only available to students whom had taken Graphic Arts I, Graphic Arts II, and Graphic Arts: Production. This course can be taken concurrently with Graphic Arts: Management. This allows students to expand their design and production education in their own way. Important factors in approving a student for independent study are his/her self-directness, dependability, conscientiousness, and sincerity in pursuing learning. Students will enhance their development of

their graphic design and production skills through the advanced use of Adobe Photoshop, Adobe InDesign, Adobe Illustrator, Adobe Dreamweaver, Adobe Acrobat, and Adobe After Effects. Each student’s experience will be different. The students will be responsible for a final portfolio. 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.

Theatre

Theatre Arts I

(1 term, .5 credit)

Prerequisite: None

Level: Fr, Soph, Jr 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 an final exam where facevore selections are performed to general student audience.

Independent Theatre Study

Per Teacher Approval

Video Production

Video Production I

(2 terms, 1 credit)

Prerequisite: None

Level: Fr, Soph, Jr 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 and 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 form. 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 CTEC 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 the self-motivated, hardworking student who is seriously considering a college major in media production and/or has a passion for this field. This course is repeatable. Students may take this class only with teacher approval. Students will work independently on projects that they design. Projects should help the students improve and hone their skills. These videos should be top quality and worthy of entering our annual CTEC Video Festival. This course can be repeated with teacher approval.

Business Education

Introduction to Business

Introduction to Business – Recommended (2 terms B801)

Soph, Jr, Sr Electives

Accounting I (2 terms B802)
Accounting II (2 terms B803)
Advertising (1 term B813)
Business & Personal Law (1 term B815)
Marketing (1 term B814)

Jr, Sr Electives

Incubator Entrepreneurship (4 terms B816)
L.I.N.K (Learning Through Internships Nurtures Knowledge) (1 term B880)
Virtual Enterprise International (VEI) (4 terms B800)

Senior Required

* Consumer Education (1 term B812)
Consumer Education: Online (1 term B811)

* Virtual Enterprise International (VEI), Incubator Entrepreneurship, and Economics also fulfill Consumer Education requirement

Introduction to Business

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: Soph, Jr, Sr Elective

Fee: \$70.00

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. ([Valees-B215](#))

Soph, Jr, Sr Elective

Accounting II

(2 terms, 1 credit)

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

Level: Soph, Jr, Sr Elective

Fee: \$30.00

This course introduces the procedures to set up 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". ([Valees-B315](#))

Advertising

(1 term, .5 credit)

Prerequisite: Recommended: Introduction to Business

Level: 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: None

Level: 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: 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 develop a business plan for a product/service they create. *For the 2015-2016 school year, this course will include several pilot units with a specific emphasis on sports & entertainment marketing.* ([Valees-B235](#))

Jr, Sr Elective

Incubator Entrepreneurship

(4 terms, 1 credit)

Prerequisite: Introduction to Business (recommended)

Level: Jr, Sr Elective

Fee: None

This full year A-B course is open to all 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.

Virtual Enterprise International (VEI)

(4 terms, 1 credit)

Prerequisite: At least one Business course

Level: Jr, Sr Elective

Fee: None

This full year A-B course is open to all juniors, and seniors interested in business careers. This course offers the opportunity to experience a simulated business environment in which students are involved in work experiences including accounting, human resources, management, marketing, international business, multimedia, desktop publishing and e-commerce. In the virtual business environment, students work within a specific department dependent upon skills, prior knowledge, and interest. All departments work together to run the virtual business as chosen by the students. Students engage in the trading of virtual products with other firms nationally and internationally. *This course also satisfies the Consumer Education requirement for graduation.*

Senior Required

Consumer Education

(1 term, .5 credit)

Prerequisite: None

Level: Sr Required

Fee: \$3.00

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 Required

Fee: \$50.00

Consumer Education is required 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.

English

Required

Freshman

English I (2 terms B104)
English I (H) (2 terms B106)
English I Year Long (4 terms by placement B150)

Sophomore

English II (2 terms B151)
English II (H) (2 terms B112)
World Studies (4 terms by placement B151/B651)

Junior

American Literature (2 terms B116)
American Studies (4 terms by placement B116/B606)
AP English Language and Composition (2 terms B121)

Senior English Requirements

Choose at least one to meet graduation requirements (At least 2 terms are recommended for 4 year colleges)

Topics in Literature & Composition (1 term B160)
Film as Literature & Composition (1 term B170)
21st Century Literature & Composition (1 term B138)
World Literature & Composition (2 terms B122)
AP Literature & Composition (2 terms B124)
Advanced Composition: Dual Credit (1 term B129)

English Electives

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)

Speech

Must take to one (1) speech class to fulfill graduation requirement; more than one may be taken for elective credit

Introduction to Speech (1 term B128) Jr./Sr. *Only*
Argumentation & Debate (1 term B148) Jr./Sr. *Only*
Advanced Speech: Dual Credit (1 term B136) Sr. *Only*

English Language Learners

ELL (2 terms)

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

American Literature

AP Language & Composition

AP Literature & Composition

English and World Literature

Freshman

English I

(2 terms, 1 credit)

Prerequisite: None

Level: Fr Required

Fee: \$22.00

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 – Yearlong

(4 terms, 1 credit English, 1 elective credit)

Prerequisite: None

Level: Fr Required (by placement)

Fee: \$50.00

English I is a comprehensive year long 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: \$22.00

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

Sophomore

English II

(2 terms, 1 credit)

Prerequisite: English I

Level: Soph Required

Fee: \$3.00

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: \$3.00

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 advance 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.

World Studies

(4 terms, 1 credit in English, 1 in Social Studies)

Prerequisite: English I

Level: Soph required by placement of Division Coordinator

Fee: \$3.00

World Studies is a double-period, team-taught course that fulfills graduation requirements for English II and World History. This course will examine the history of western civilization from prehistoric times to the eve of World War II in an interdisciplinary perspective. The content of this course is structured around common themes found in both history and literature. In addition, the course further develops Common Core Literacy Skills in reading and writing in English and Language Arts and Social Studies.

Junior

American Studies

(4 terms, 1 credit in English, 1 credit in Social Studies)

Prerequisite: World Studies or by placement

Level: Jr. required by placement of the Division Coordinator

Fee: \$22.00

American Studies is a team-taught course that fulfills graduation requirements for American Literature and American History. The course examines the history of the United States from pre-colonial times to the present in an interdisciplinary perspective structured around common themes found in both history and literature. In addition, the course further develops Common Core Literacy Skills in reading and writing in English and Language Arts and Social Studies.

American Literature

(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, Neo-Classicism, 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 (Meets junior English requirement)

Fee: \$36.00

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.**

Senior English Requirements

Students must take one English course senior year to fulfill graduation requirements. In order to meet college entrance requirements, students should either take a full semester English course or two terms of English courses.

Film as Literature & Composition

(1 term, .5 credit)

Prerequisite: None

Level: Sr (meets senior English requirement)

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.

21st Century Literature & Composition

(1 term, .5 credit)

Level: Sr (meets senior English requirement)

Fee: \$3.00

This one term course will explore modern popular novels, poems, and non-fiction. Students will analyze how writing style, themes, and characters have both evolved over time and been influenced by writings of the past. Students will be asked to participate in seminar-style discussions of both whole-class and independent reading material. Students may be asked to purchase their own books or borrow them from the library.

World Literature & Composition

(2 terms, 1 credit)

Prerequisite: American Literature

Level: Sr (meets senior English requirement)

Fee: \$3.00

This college preparatory class includes a survey of classic and modern British literature and world literature in translation. Students will acquire the necessary research, writing, reading, and study skills necessary for college work. Composition, including a literary analysis research paper, focuses on improving students' expository writing skills. In addition, grammar and vocabulary proficiency is an aim of the course.

AP Literature & Composition

(2 terms, 1 credit)

Prerequisite: American Literature or AP Language & Composition

Level: Sr (meets senior English requirement)

Fee: \$6.00

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.**

Topics in Literature and Composition

(1 term, .5 credit)

Prerequisite: American Literature

Level: Sr (meets senior English requirement)

Fee: \$3.00

This one term senior choice course explores 2-3 student selected topics in the areas of English and composition. Students choose from a list of six topics in order to determine the topics that will be explored within the class. Students will analyze the writing style, themes, and significant authors for each of the selected topics. The topic choices include the following: Humor and Literature, Horror Literature, Banned Literature, Crime Literature, Fantasy Literature, and Science Fiction.

Advanced Composition: Dual Credit

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

Prerequisite: Must have an 18 on the English portion of the ACT

Level: Sr elective

Fee: \$24.00

Enrollment in the course is contingent upon the student earning an 18 or higher on ACT English or a 70 or higher on the Compass Writing exam.

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. *Students earning a "C" or higher will earn 3 semester hours of credit from Waubensee Community College.*

English Electives

Creative Writing

(1 term, .5 credit)

Prerequisite: None

Level: 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.

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, re-writing 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)

*Course may be taken multiple times to receive credit.

Prerequisite: None

Level: 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.

Speech

BHS students must take to one speech class to fulfill graduation requirement; more than one may be taken for elective credit.

Introduction to Speech

(1 term, .5 credit)

Prerequisite: English I

Level: Jr, Sr Required

Fee: None

Introduction to Speech is designed to help students gain more confidence in various speaking situations, from informal impromptu to formal speeches. The course includes instruction in basic communication theory, research, organization, composition, and presentation of student created speeches. Students will learn to improvise, inform, persuade, and demonstrate using various public speaking formats.

Argumentation & Debate

(1 term, .5 credit) **Earned Honors Credit Option*

Prerequisite: Strong writing and presentation skills or Introduction to Speech

Level: Jr, Sr Elective, may fulfill speech requirement

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. An Earned Honors Credit Option is available to interested students.

Advanced Speech: Dual Credit

(1 term, .5 credits + 3 WCC credits)

Prerequisite: Strong writing and presentation skills or Introduction to Speech, may fulfill speech requirement

Level: Jr, Sr Elective

Fee: None

Adapted from the Waubonsee Community College (2005) description of COMS 1001, 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).

English Language Learners

ELL

(4 terms, 2 credits)

Prerequisite: By Placement

Level: Any

Fee: \$28.00

This course is designed for students who have limited English skills because their first language is not English. Fundamental listening, speaking, reading, and writing skills are taught through appropriate literature, as well as vocabulary and grammar to develop cognitive academic language proficiency. Individualized language assistance is also given in the students' other content area courses. Students are placed in this course based on Language Proficiency Test scores.

Family and Consumer Science

Foods

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

Child Care

Child Care Lab (2 terms B854)
Child Development (1 term B843)
Parenting (1 term B853)
Teaching Assistant (1 term - can be repeated B15)



Foods

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.

Catering and Hospitality

(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 Care

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, day care 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 day care facilities).

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

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](#))

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, post natal development, the responsibilities of parent- hood, 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](#))

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, tutors in the classroom and/ or tutors in the Academic Support Center. This course may be repeated once during a school year with a maximum of four (4) times.

Industrial Technology

Applied Technology

Applied Technology I (1 term B832)
Applied Technology II (1 term B834)

Building Trades

Building Trades I (1 term B836)

Engineering

Civil Engineering and Architectural Design (1 term B826)
Computer Science and Software Engineering (2 terms B818)
Introduction to Computer Science (1 term B330)
Introduction to Engineering Design (2 terms B819)
Principles of Engineering (2 terms B825)

Technical Drawing

Technical Drawing (2 terms B820)



Applied Technology

Applied Technology I

(1 term, .5 credit)

Prerequisite: None

Level: Fr, Soph, Jr, Sr Elective

Fee: \$13.00

This course will help you develop an understanding of manufacturing and construction technology. In the manufacturing area, you will gain knowledge and experience in research and development, product design, materials, and processes, tools and equipment, safety, production planning, and mass production. In the construction area, you will gain knowledge and experience in planning and designing structures, building structures. Through hands-on activities you will learn about the wide variety of career opportunities available in manufacturing and construction fields.

[\(Valees-I125\)](#)

Applied Technology II

(1 term, .5 credit)

Prerequisite: None

Level: Fr, Soph, Jr, Sr Elective

Fee: \$13.00

This course will help you develop an understanding of graphic communication industry. You will gain knowledge and experience in the areas of design manual drafting and computer aided design & drafting (CADD), object modeling and screen printing. Through hands-on activities you will learn about the variety of outstanding opportunities available in the communications field. [\(Valees-I125\)](#)

Building Trades

Building Trades I

(2 terms, 1 credit)

Prerequisite: None

Level: Soph, Jr Elective/Sr may enroll with consent of instructor

Fee: \$51.00

Students will learn about the career opportunities and skills required in the various construction trades associated with home construction. Emphasis will be placed on learning about the types and applications of construction materials, techniques for building foundations, floors, walls, roofs, and electrical systems. Students will build small and full-scale floors, decks, walls and roofs in the lab to learn how to build residential structures as well as wiring basic electrical circuits commonly found in buildings.

[\(Valees-I1226\)](#)

Engineering

Civil Engineering & Architecture (Honors) — Project Lead the Way

(2 terms, 1 credit)

Prerequisite: Technical Drawing or Introduction to Engineering Design or Principles of Engineering

Level: Jr and Sr elective

Fee: \$20.00

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.

Computer Science & Software

Engineering — Project Lead the Way

(2 terms, 1 credit)

Prerequisite: None (Students without prior computing experience are encouraged to start with Introduction to Computer Science)

Level: Soph, Jr and Sr elective

Fee: To be determined

Designed for 10th-12th grade students, this Project Lead the Way (PLTW) course 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. Projects and problems include app development, visualization of data, cybersecurity, robotics, and simulation.

The course's goals are to:

- Develop computational thinking, to generate excitement about the field of computing, and to introduce computational tools that foster creativity.
- Build students' awareness of the tremendous demand for computer specialists and for professionals in all fields who have computational skills. Each unit focuses on one or more computationally intensive career paths.
- Engage students to consider issues raised by the present and future societal impact of computing. Students practice problem solving with structured activities and progress to open-ended projects and problems that require them to develop planning, documentation, communication, and other professional skills.

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.

Introduction to Engineering Design (Honors) — Project Lead the Way

(2 terms, 1 credit)

Prerequisite: None

Level: Fresh, Soph, Jr and Sr elective

Fee: \$20.00

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.

Introduction to Computer Science — Project Lead the Way

(1 term, .5 credit)

Prerequisite: Intermediate Algebra

Level: Fr, So, Jr, 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 & Software Engineering course. Students will work in teams to learn programming fundamentals and create simple apps for mobile devices using Visual Basic, App Inventor, and Python®. Students will learn the impact of computing in society and the application of computing across career paths.

Principles of Engineering (Honors) — Project Lead the Way

(2 terms, 1 credit)

Prerequisite: Introduction to Engineering

Level: Fr, Soph, Jr, Sr

Fee: \$20.00

Designed for 10th-12th grade students, this survey course exposes students to major concepts they'll encounter in a post-secondary 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.

Technical Drawing

Technical Drawing

(2 terms, 1 credit)

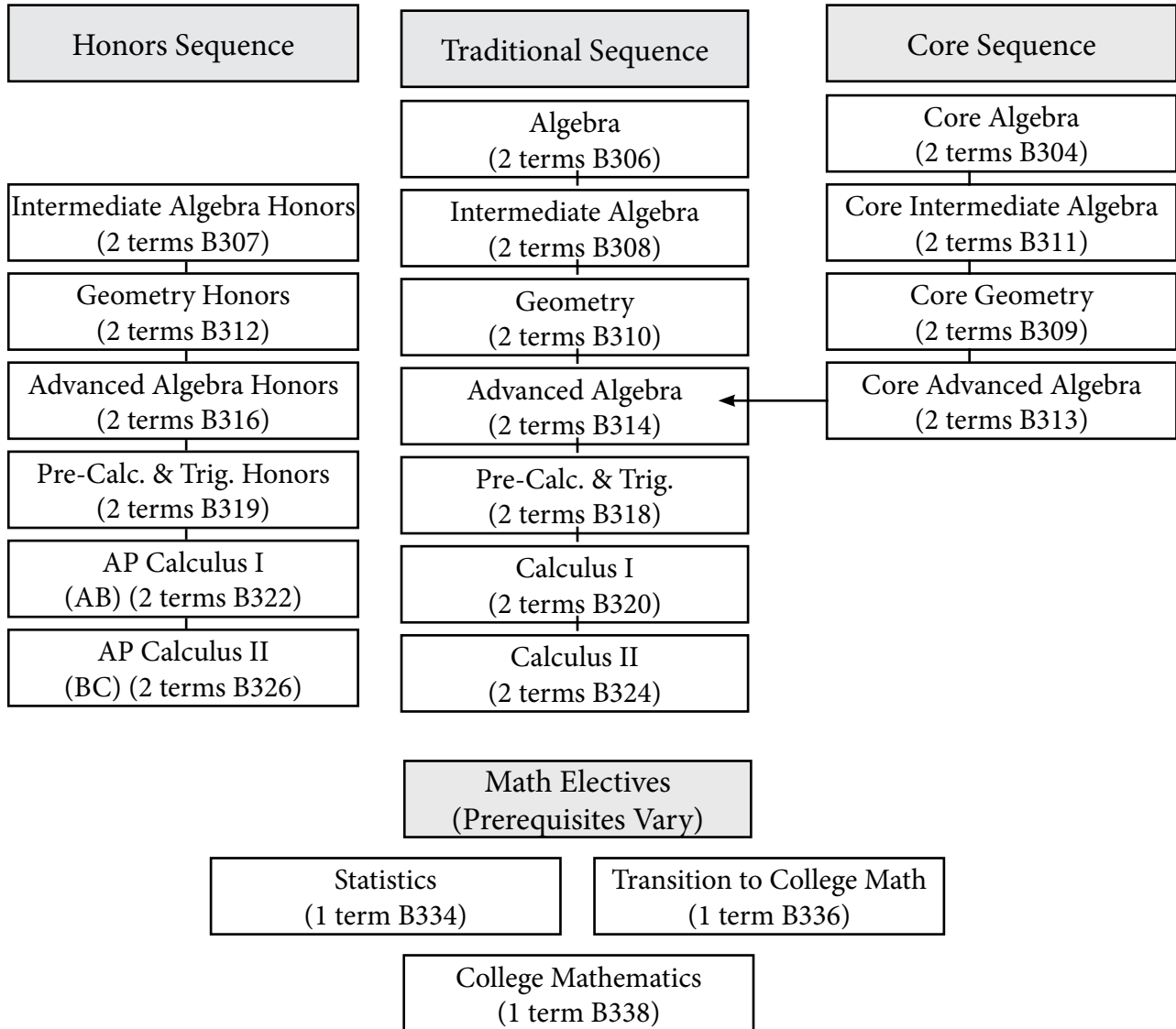
Prerequisite: None

Level: Fr, Soph, Jr, Sr Elective

Fee: \$28.00

The medium by which an architect, engineer, designer, drafts person, and crafts person communicates ideas through a system of lines and symbols. This is a course to provide students with the basic knowledge of design procedures, basic technical drawing skills and the principles of orthographic drawing, geometric construction, and lettering. Also covered is the use and care of drafting equipment, basic drawing layout, and single and multi view drawings. Computer Aided Drafting (CAD) is introduced in this course. Students will explore career opportunities, team building and communication skills. ([Valees-1200/245](#))

Math



Departmental Placement

- For incoming freshmen: Students will be placed by the Mathematics Department based on their eighth grade math course, math grades, and recommendations from the middle school teachers and counselors.
- Students who receive a “D” in a math course should consult with their teacher and counselor to determine if they should repeat the course before continuing in the sequence or change to a different math sequence in order to meet graduation requirements.
- To be considered for a change to a lower sequence, the student must have earned a grade of “D” or “F” in the previous course despite considerable effort. A student must also have the math teacher’s recommendation.
- Exceptions to the above will be considered by the Division Coordinator.

Core Algebra

(2 terms, 1 credit)

Prerequisite: Placement by current math teacher and counselor

Level: Fr

Fee: \$5.00

Core Algebra is designed for those students who would have difficulty with the traditional Algebra course. Core Algebra focuses 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. Core Algebra provides a strong base for future mathematics, science, and business-related courses. 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 & inequalities, and statistics.

Algebra

(2 terms, 1 credit)

Prerequisite: Placement by current math teacher and counselor

Level: Fr

Fee: A graphing calculator (TI-83 or equivalent) is required

Algebra is the foundational high school algebra course 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: the language of algebra, real numbers, solving linear equations, graphing relations and functions, analyzing linear equations, solving linear inequalities, systems of equations and inequalities, statistics, and probability.

Core Intermediate Algebra

(2 terms, 1 credit)

Prerequisite: Core Algebra

Level: Fr, Soph

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

Core Intermediate Algebra is designed for those students who would have difficulty 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, and using matrices.

Intermediate Algebra

(2 terms, 1 credit)

Prerequisite: Algebra

Level: Fr, Soph

Fee: A graphing calculator (TI-83 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: 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.

Intermediate Algebra (Honors)

(2 terms, 1 credit)

Prerequisite: Algebra

Level: Fr, Soph

Fee: A graphing calculator (TI-83 or equivalent) is required

Honors Intermediate Algebra 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 expected.

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

Core Geometry

(2 terms, 1 credit)

Prerequisite: Core Intermediate Algebra

Level: Soph, Jr

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

Core Geometry is designed for those students who would have difficulty 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, Jr

Fee: A graphing calculator (TI-83 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, Jr

Fee: A graphing calculator (TI-83 or equivalent) is required

Honors 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 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 expected.

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: Jr, Sr Elective

Fee: \$17.00 and a graphing calculator (TI-83 or equivalent) is recommended

Core Advanced Algebra is designed for those students who would have difficulty with the traditional Advanced Algebra course. Core Advanced Algebra is the capstone algebra course designed to prepare students for the Prairie State Achievement Exam (PSAE). 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: A graphing calculator (TI-83 or equivalent) is required

Advanced Algebra is the capstone algebra course designed to prepare college-bound students for higher level math courses and the Prairie State Achievement Exam (PSAE). The course makes regular use of the graphing calculator to make technology an integral part of the problem solving process.

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

Advanced Algebra (Honors)

(2 terms, 1 credit)

Prerequisite: Geometry Honors

Level: Soph, Jr Elective

Fee: A graphing calculator (TI-83 or equivalent) is required

Honors Advanced Algebra is the capstone algebra course designed to prepare college bound students for the Prairie State Achievement Exam (PSAE) 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 expected.

Topics include: quadratic functions and inequalities, polynomial functions, radical equations and inequalities, rational expressions and equations, exponential and logarithmic relations, conic sections, sequences and series, and probability and statistics.

Transitions To College Mathematics

(1 Term, .5 Credit)

Prerequisite: Adv. Algebra or Core Adv. Algebra

Level: Sr

Fee: A graphing calculator (TI-83 or equivalent) is required

Transitions 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 freshman may register for. The course makes regular use of the graphing calculator to make technology an integral part of the problem solving process.

Pre-Calculus with Trigonometry

(2 terms, 1 credit)

Prerequisite: Advanced Algebra

Level: Soph, Jr, Sr Elective

Fee: A graphing calculator (TI-83 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: A graphing calculator (TI-83 or equivalent) is required

Honors 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. 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 expected.

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)

Prerequisite: Pre-Calculus with Trigonometry

Level: Jr, Sr Elective

Fee: A graphing calculator (TI-83 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. Students enrolled in this course may be eligible to receive both high school and college credit.

Topics include limits, differentiation, applications of

differentiation, integration, applications of integration, and transcendental functions.

Students enrolled in this course may be eligible to receive both high school and college credit.

Calculus II

(2 terms, 1 credit)

Prerequisite: Calculus I

Level: Sr Elective

Fee: A graphing calculator (TI-83 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. Students enrolled in this course may be eligible to receive both high school and college credit.

Topics include limits, differentiation, applications of differentiation, integration, applications of integration, and transcendental functions.

Students enrolled in this course may be eligible to receive both high school and college credit.

AP Calculus I (AB)

(2 terms, 1 credit)

Prerequisite: Pre-Calculus with Trigonometry Honors

Level: Jr, Sr Elective

Fee: \$35.50 and a graphing calculator (TI-83 or equivalent) are 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. Participation in the mathematics competition is expected. Students enrolled in this course may be eligible to receive both high school and college credit.

Topics include limits, differentiation, applications of differentiation, integration, applications of integration, and transcendental functions.

Students enrolled in this course may be eligible to receive both high school and college credit.

AP Calculus II (BC)

(2 terms, 1 credit)

Prerequisite: AP Calculus I (AB)

Level: Sr Elective

Fee: \$37.50 and a graphing calculator (TI-83 or equivalent) are 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. Participation in the mathematics competition

is expected. Students enrolled in this course may be eligible to receive both high school and college credit.

Topics include exponential and logarithmic functions, calculus of trigonometric functions, volumes and other applications of integration, formal integration techniques, indeterminate forms, L'Hopital's rule, improper integrals, sequences and series, convergence tests, Taylor's formula, Taylor and Maclaurin series.

Students enrolled in this course may be eligible to receive both high school and college credit.

Statistics

(1 term, .5 credit)

Prerequisite: Adv. Algebra or Core Adv. Algebra

Level: Sr Elective

Fee: A graphing calculator (TI-83 or equivalent) is required

Statistics is an elective math course for students having completed Advanced Algebra (or the equivalent). Students learn techniques for studying data and conduct research projects.

Topics include an introduction to statistics, exploring data, the normal distributions, examining relationships, producing data, probability, randomness, the binomial-, geometric-, poisson-, and hyper geometric- distributions, sampling distributions, inference, inference for distributions, and inference for proportions.

College Mathematics: Dual Credit

(1 Term, .5 credit)

Prerequisite: Advanced Algebra and a math ACT score of 22 or higher

Level: Sr

Fee: A graphing calculator (TI-83 or equivalent) is required

This course in mathematics is designed to satisfy the general education requirement at the university level. The emphasis of the course is on the understanding logical arguments, doing abstract thinking and solving verbal problems. Topics covered include logical statements and arguments, geometry in problem solving, estimation, approximation, judging reasonableness of answers, problem solving and statistics. Students who successfully complete this course may be eligible to earn both high school and college credit.

Music Education:

Band, Choir, & Orchestra

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

Alpha Chorale (4 terms)
Freshman Chorale (4 terms)
Varsity Choir (4 terms)
Treble Choir (4 terms B408/B437)
Chambers 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)
Applied Music (1 term Independent Study)
Rock n' Roll Methods (1 term B413)
Introduction to Guitar (1 term B450)



Music Education

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.

The courses may be chosen from the following:

Freshman - Symphonic Band/Varsity Choir/Treble Choir/Alpha Chorale/Freshamn Chorale/Philharmonic Orchestra/Percussion Methods II/Symphony Orchestra/Concert Orchestra; Physical Education/ Health

Sophomore - Wind Symphony/Wind Ensemble/Concert Band/Percussion Methods I; Chamber Singers/Varsity Choir/Treble Choir/Philharmonic Orchestra/Sinfonietta; Physical Education/ Driver Education

Junior/Senior - Wind Symphony/Wind Ensemble/Concert Band/Percussion Methods I; Chamber Singers/ Varsity Choir/Treble Choir/Philharmonic Orchestra/Symphony Orchestra/ Physical Education

Band

Concert Band

(4 terms, 1 credit)

Prerequisite: Audition and/or director's approval based on formal instruction and proficiency on a band instrument

Level: Fr, Soph, Jr, Sr Elective

Fee: \$20.00 (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, music contests, and marching and sporting events 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: \$20.00 (Supplies and Uniform Cleaning)

Some percussionists will be placed in Percussion Methods I & II, based on their audition. 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: \$20.00 (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: \$20.00 (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. Wind Ensemble members also serve as the Concert Orchestra winds and percussion. 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: \$20.00 (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 requirements. Wind Symphony members also serve as the Symphony Orchestra winds and percussion. Private instrumental study is strongly encouraged at this level of performance.

Choir

Alpha Chorale (Beginning Choir)

(4 terms, 1 credit)

Prerequisite: None

Level: Fr

Fee: \$20.00

This co-ed choir is open to freshmen and sophomore singers with little to no choral experience. 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. No beginning note reading required. 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.

Chamber Singers

(4 terms, 1 credit)

Prerequisite: Audition only

Level: Soph, Jr, Sr Elective

Fee: \$20.00 (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.

Freshman Chorale (Intermediate Choir)

(4 terms, 1 credit)

Prerequisite: None

Level: Fr

Fee: \$20.00

This co-ed choir is open to freshman singers with who have had choral experience. 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: \$20.00 (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: Fr, Soph, Jr, Sr Elective

Fee: \$20.00 (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.

Orchestra

Concert Orchestra

(4 terms, 1 credit)

Prerequisite: Formal instruction and proficiency on a string orchestra instrument

Level: Fr, Soph, Jr, Sr Elective

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: Fr, 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 place 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: Fr, Soph, 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

Applied Music

(1 term, .5 credit)

Prerequisite: Music Department approval

Level: Jr, Sr Elective

Fee: None

Applied Music is an individualized study program on the student's primary instrument for the student who will be considering further music study beyond high school level. The course requires enrollment in a music performance class, private study with an approved instructor, supervised practice at school, a developed course of study, and a jury or recital to be administered by the Music Department at the end of each term. The class may be repeated. Applications for admission to the Applied Music sequence may be obtained from the chairperson of the Music Department.

AP Music Theory

(2 terms, 1 Credit)

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

Level: Jr or Sr standing

Fee: \$40.00

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.

Introduction to Guitar

(1 term, .5 credit)

Prerequisite: None

Level: Soph, Jr, Sr Elective

Fee: \$50.00 - Need to supply classical guitar

This class is open to any student with little or no previous training on the guitar. This class combines group instruction with supervised practice. Students will learn to read and play music in a developmental sequence. The class will focus on playing classical guitar as a method to playing basic folk guitar technique including: fingering, basic strum patterns, elementary chords, and reading music notation. Guitar is a great method for introductory instrumental music education at the high school level. It allows students to focus on reading music as well as playing pieces and ensembles without having to work about intonation. Teaching through classical technique places all students on an equal plane and focuses on specific skills that can then be translated to playing folk and rock guitar. *This class will not be offered in 2015-2016.*

Rock n' Roll Methods

(1 term, .5 Credit)

Prerequisite: None

Level: 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, and Drivers Education

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. All Freshmen will be required to take Freshmen PE (.5 credits) and Freshmen Health (.5 credits). Sophomores will be required to take 1 term of Sophomore PE (.5 credits) and another choice (.5 credits). Junior and Seniors will be required to take two terms (2 classes) or one full semester of their choice (pending availability).

Freshman

Freshman PE (1 term)
Freshman Health (1 term)

Sophomore

Sophomore PE (1 term)
Choose one course from the following one term courses:
Accelerated PE (1 term)
Personal Fitness (1 term)
Driver's Education (1 term)

Junior/Senior Choices

(choose up to 1 semester)
Accelerated PE (1 term)
Advanced Health (1 term)
Adventure Education and Lifetime Sports (1 term)
Team and Individual Sports (1 term)
Driver's Education (1 term A/B Only)
Group Fitness (1 term)
Personal Fitness (1 term A/B Only)
Junior Leaders Program (2 terms)
Senior Peer Leaders (2 terms)



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.

1. Medical - Any student who is unable to participate in Physical Education for medical reasons must present to the school nurse verification from a licensed physician. Alternate activities or assignments may be implemented by the teacher for these students to receive the appropriate credits.

2. Religious - Students unable to participate in Physical Education due to religious considerations must present a letter from an ordained cleric of the faith involved. This letter must stipulate that the religious objection is based on a canon of the faith and applies to all members of the particular faith involved. Students excused from Physical Education for religious reasons must maintain a schedule of four classes each term.

3. **P.E. course Fee: \$5.00 per term for P.E.**

Freshman Physical Education

(1 term, .5 credit)

Prerequisite: None

Level: Fr

All freshman students will be enrolled in one term of physical education along with one term of health 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

(1 term, .5 credit)

Prerequisite: None

Level: Fr or Soph Required

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 an 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

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. The 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 drivers 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 drivers 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

(1 term, .5 credit)

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)

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

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.

Quizzes, homework, written midterms and final exams are given in this course. Grading also includes some physical testing in strength and cardiovascular endurance. Current athletes in season get first priority to register for the class.

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

Prerequisite: None

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

Fee: \$5.00

This course will be offered every other year. It will be offered for the 16-17 school year. This course is designed for beginning/intermediate/advance 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. Student's 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. *This class will not be offered in 2015-2016.*

Group Fitness

(1 term .5 credit)

Level: Jr, Sr

This is a unique course offering that emphasizes aerobic, cardiovascular and muscular endurance conditioning through individual and group settings. a variety of aerobics classes, body bars, resist bands, hand weights, 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.

Junior Leaders Program

(2 terms, 1 credit)

Level: Jr

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!"

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 are short in comparison to traditional training and will allow for game activity and proper cool downs. If optimizing your performance is a big goal, this is the class for you.

Sophomore Physical Education

(1 term, .5 credit)

Level: Soph

Prerequisite: Required

This nine week program expands on the freshman physical education curriculum. Throughout the nine weeks, students will be creating an eight week personalized fitness program that is aligned with Illinois Enhanced PE Standards. Students will engage in fitness based activities and movements which can be included in their fitness plans. They will be introduced to the following elective courses: Team and Individual Sports, Dance and Creative movements, Group Fitness, Adventure Education and Lifetime Sports, Personal Fitness, and Accelerated Physical Education.

Senior Physical Education Leaders

(2 terms, 1 credit)

Prerequisite: By application

Level: Sr Elective

Peer Leaders

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!"

PE Peer Mentors

Senior students who have been selected to be a Peer Mentor for Freshmen and Sophomore PE classes will be a resource for the physical education teacher. They will be responsible for leading warm-up activities, assisting with fitness assignments and concepts, helping students with skill development and be a positive role model for their freshmen or sophomore group members. Students will be required to dress daily.

Team and Individual Sports

(1 term .5 credit)

Level: Soph, Jr, Sr

Fee: \$5.00

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.

Science

Students are required to complete two (2) credits of Science to graduate.

Freshman

Environmental Science (2 terms B506)
Biology* (2 terms B508)
Biology* (H) (2 terms B510)

Sophomore (includes all classes above)

ACS Chemistry* (2 terms B512)
Chemistry* (2 terms B514)
Chemistry (H) (2 terms B512)
AP Chemistry (2 terms B542)
AP Environmental Science (2 terms B540)

Junior & Senior (includes all classes above)

(choose up to 1 semester)

Astromony (1 term B256)
Physics* (2 terms B518)
AP Physics I (2 terms B562)
AP Physics II (2 terms B563)
AP Biology (2 terms B525)
Marine Science (2 terms B530)

*Recommended for College Bound Students

Students will need to check prerequisite requirements as they select courses after their freshman year.

Environmental Science

(2 terms, 1 credit)

Prerequisite: None

Level: Placement by current science teacher.

Fee: \$7.00

Environmental Science is an interdisciplinary laboratory-based course which provides students with the scientific principles and concepts necessary to understand the natural world, identify environmental problems, and examine alternative solutions. This course is designed for the student who needs to further develop skills in the use of the scientific method, data analysis, problem-solving, and laboratory skills.

Units include: Scientific method, lab safety, graphing, atmosphere, hydrosphere, geosphere, and biosphere.

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.

Honors Biology

(2 terms, 1 credit)

Prerequisite: None

Level: Placement by current science teacher.

Fee: \$12.00

Honors 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. 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.

ACS Chemistry

(2 terms, 1 credit)

Prerequisites: Biology or Honors Biology and Algebra I

Level: Soph, Jr, Sr Elective

Fee: \$16.00

ACS Chemistry 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 Intermediate Algebra

Level: Soph, Jr, Sr Elective

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.

Honors Chemistry

(2 terms, 1 credit)

Prerequisites: Any Biology course and Intermediate Algebra

Level: Soph, Jr, Sr Elective

Fee: \$18.00

Honors 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. 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: \$10.00

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 & Chemistry

Math Prerequisite: Successful completion of Advanced Algebra Honors or Advanced Algebra

Level: Jr, Sr Elective

Fee: \$30.00

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: \$30.00

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: \$30.00

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

Level: Soph, 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: \$6.00

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.

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)
World Studies (4 terms by placement)

Junior

American History (2 terms B606)
AP United States History (2 terms B624)
American Studies (4 terms by placement)

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.

World Studies

(4 terms, 1 credit in English, 1 credit in social studies)

Prerequisite: English I

Level: So required by placement of Division Coordinator

Fee: None

World Studies is a team-taught course that fulfills graduation requirements for English II and World History. This course will examine the history of western civilization from prehistoric times to the eve of World War II in an interdisciplinary perspective. The content of this course is structured around common themes found in both history and literature. In addition, the course further develops Common Core Literacy Skills in reading and writing in English and Language Arts and Social Studies.

World History

(2 terms, 1 credit)

Prerequisite: Cultural Studies

Level: So 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

Level: So Required

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.**

AP Human Geography

(2 terms, 1 credit)

Prerequisite: by placement

Level: Fr required by placement of Division Coordinator

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.

American Studies

(4 terms, 1 credit in English, 1 credit in social studies)

Prerequisite: World Studies or by placement

Level: Jr. required by placement of the Division Coordinator

Fee: None

American Studies is a team taught course that fulfills graduation requirements for American Literature and American History. The course examines the history of the United States from pre-colonial times to the present in an interdisciplinary perspective structured around common themes found in both history and literature. In addition, the course further develops Common Core Literacy Skills in reading and writing in English and Language Arts and Social Studies.

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 precolonial 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

Level: Jr Required

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 and a GPA of 3.0 or better is recommended

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)

Prerequisite: World History or AP European History

Level: Jr, Sr Elective (Weighted Grade)

Fee: None

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.

College American History (Dual Credit)

(2 terms, 1 elective credit, 6 college credit hours)

Prerequisite: Completion American History

Level: Senior Elective

Fee: None

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.

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 macro economic 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 a variety of study skills and to give students an opportunity to apply these skills, with support to assignments from other classes. Study skills taught in this course include reading strategies such as summarization, note taking from text and lecture, outlining, and test taking. A maximum of 4 credits may be earned for this course.

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

Prerequisite: Placement determined by student's identified needs

Level: Fr thru Sr

Fee: \$12.00 materials fee per course

The instructional classroom serves students who are earning grades by completing their work and behaving appropriately. Each course is taught by a special education teacher.

Reading/Writing Workshop

(4 terms, 2 credits)

Prerequisite: Placement determined by student's identified needs

Level: Fr thru Sr

Fee: \$18.00

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.

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: \$30.50

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.

French V (Honors)

(2 terms, 1 credit)

Prerequisite: Successful completion of French IV

Level: Sr Elective

Fee: \$50.50

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.

Spanish I

(2 terms, 1 credit)

Prerequisite: None

Level: Fr, Soph, Jr, Sr Elective

Fee: \$20.50

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: \$20.50

This course continues to develop skills in speaking, listening, reading and writing. Role-playing and group skits supplement language practice. Reading skills continue to develop with use of an elementary reader. 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: \$30.50

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: \$19.50

The major emphasis in this course is on reading, composition, culture, and conversation. The study of the Spanish culture is emphasized. Novels, short stories and plays are read and discussed in Spanish including an introduction to Cervantes’ classic Don Quijote. Spanish grammar is reviewed and many conversational activities are initiated.

Spanish V (Honors)

(2 terms, 1 credit)

Prerequisite: Spanish IV

Level: Sr Elective

Fee: \$50.50

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.

Latin I

(2 terms, 1 credit)

Prerequisite: A “C” average in English is recommended

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: \$3.00

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: \$3.00

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 love poetry of Caesar and Cicero 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.

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. 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.
- 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 have 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. These fees will be paid at FVCC. The costs listed below are projected from the 2015-2016 school year and are as accurate as possible at this time. Minor changes may occur due to supplier cost fluctuations.

On Site Classes:

Fox Valley Career Center
Kaneland High School, Maple Park, IL

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.

All students taking on site FVCC classes will also be required to take Technical Math as a junior. As a senior they will be required to take Technical Government and Technical Consumer Education.

Automotive Technology I & II

(4 terms, 3 credits)

Prerequisite: None

Level: Jr & Sr Elective

Fee: \$40.00 per year. All students are required to purchase safety glasses and personal hand tools. Cost of tools averages between \$200-\$300 and is subject to change due to manufacturer's cost.

Automotive Technology I introduces a student to the wide field of auto repair. After basic fundamentals are covered, the student receives "How To" demonstrations on performing service and repairs. Emphasis is on practical, up-to-date methods that are useful on the job. Areas of study include: electrical systems, tune-ups, wheel alignment, lubrication, brakes, fuel systems, cooling systems, and basic computer troubleshooting.

Automotive Technology II is an extension of Automotive Technology I. Auto II students receive advanced instruction in the following areas: computer engine testing and diagnostics, cylinder head service, lower engine rebuilding procedure, and air conditioning service and repair. Extra shop time is provided to conduct major repairs involving vehicles that will build on the student's expertise and preparation for employment in the auto industry. Students who complete this class with a grade of B or better can receive credit for Waubensee Community College course, Fundamentals of Automotive Technology.

Early Childhood II

(4 terms, 3 credits)

Prerequisite: Child Development and Child Care Lab

Level: Sr Elective

Fee: \$30.00

This course continues the learning begun in Early Childhood I (Child Development & Child Care Lab). Emphasis is placed on working with infants, children with special needs, and elementary school children. Students are provided opportunities to work as interns in the infant-toddler room at Small World Learning Center or serve as interns in elementary schools throughout the community. Students earning a grade of B or better can receive credit for Waubensee Community College course, Introduction to Early Childhood Education.

Electrician-Residential/Commercial I & II

(4 terms, 3 credits)

Prerequisite: None **Level:** Jr & Sr Elective **Fee:** \$30.00 per year

The Residential/Commercial Electrician I course 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. Included in the course are basic electrical circuits, magnetic motor control circuits and components, National Electrical Code rules, blueprint reading, and meter box and circuit breaker panel wiring.

The Residential/Commercial Electrician II course is an extension of the Residential/Commercial Electrician I course with a heavy emphasis placed on conduit work, more complex circuits and components, and much more emphasis on the National Electrical Code rules. Also included in the course is 200 amp service entrance meter box and circuit breaker panel wiring. A large emphasis is placed on blueprint reading.

Emergency Medical Technician

(4 terms, 3 credits)

Prerequisite: None

Level: Sr Elective Site: TBA

Fee: \$30.00 plus a manual/workbook (approximately \$80).

Uniform and equipment costs are approximately \$65.00.

The Emergency Medical Technician (EMT) Basic education program will prepare students to become competent, entry-level EMT Basics in order to serve in volunteer and/or professional career positions in the State of Illinois and area communities. EMT Basic program fulfills the prescribed requirements by the Illinois Department of Public Health (IDPH) and prepares students to practice the art and science of pre-hospital medicine in conjunction with medical direction. The goal is to prevent and reduce mortality and morbidity due to illness and injury. An EMT Basic primarily provides care to emergency patients in a prehospital setting and serves as a vital member of the health care team. This program is available to students who plan to go into the health care or fire science fields, or another area of emergency medical services. Upon completion of the EMT Basic, the student is prepared to take the EMT Basic Competency 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 text book. In addition, students must complete and pass an American Heart Association health care provider CPR class. As part of the EMT Basic class, students will complete a minimum of ten (10) 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 vaccination for MMR (mumps, measles, rubella) and hepatitis B. The students must also pass a drug screen and criminal background check. When students are taking part in the clinical hours at an area hospital, they will be required to provide their own transportation to the health care facility.

Fire Science I & II

(4 terms, 3 credits)

Prerequisite: None

Level: Jr & Sr Elective

Fee: \$45.00 per year

Students will cover fire suppression activities as prescribed by the IFSTA Essential Manual. In addition, they will cover the First Responder course and, if successful, they will become certified as a First Responder.

Fire Science II is a study and practice of advanced techniques used in fire fighting. Topics include: personal safety, ladders, fire hose and appliances, water supply, nozzles and fire streams, rescue, communications, sprinkler systems, fire prevention, public fire education and fire cause determination. In addition, the course will provide the necessary background, knowledge and skills necessary to perform the duties of a fire apparatus engineer, which include pump operations, pump functions, pumper components, pumper requirements, for maintaining and testing apparatus, fire stream development and water supply in relation to various fire

ground operations. Finally, the course will provide the students with the skills and knowledge to be examined and certified by the Office of the State Fire Marshal as a Hazardous Materials First Responder. Career and vocational center occupational training programs provide students with in-depth, hands on learning experiences using laboratory facilities and equipment.

Game Programming and Technologies

(4 terms, 3 credits)

Prerequisite: PC Maintenance, Repair and Networking;

Fee: \$30.00 per year plus a required USB flash drive (512MB) that will cost approximately \$40.00

Students who enroll in Game Technologies will study various game genres, purposes and platforms. Students will have an opportunity to experience the many careers associated with game development including most aspects of game design and development. Professional design documents will be developed and students will use those documents to create various gaming environments. Educational, entertainment, strategy and simulation games will be the focus. Students will be exposed to different gaming platforms including PC based games and gaming consoles. The more popular game technology tools will be taught including Flash, XNA, 3D tools. Students will also learn about the legal and business side of gaming. Articulation is in progress.

Health Occupation — BNAT

(Basic Nurse Assistant Training Program (Formally CNA))

(4 terms, 3 credits)

Prerequisite: None

Level: Jr & Sr Elective Site: TBA

Fee: \$25.00 plus a manual/workbook. Uniform and equipment approximately \$60.00.

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 health care system. Upon completion of Health Occupations - BNAT, the student is prepared to take the Nursing Aide Training Competency Exam which allows for certification from the Illinois Department of Public Health.

Special requirements: All students must purchase a FVCC uniform top, white pants, ID badge, gait belt and vital sign equipment for clinical sites. White support shoes are required with white hose or socks. 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. This must be done before clinical experiences begin. Students that receive a grade of B or better can receive credit from Waubesa Community College course, Nurse Assistant Skills. Students must pass CPR for Health Care Providers with an 84% or better, and units on Safety, Blood Pathogens, and Universal Precautions with no less than a 70% to remain in class for clinicals.

Health Occupation-Exploring Medical Careers

(4 terms, 3 credits)

Prerequisite: None

Level: Jr & Sr Elective

Fee: \$25.00 plus a manual and medical terminology text/workbook. Uniform and equipment approximately \$60.00.

The Health Occupations-Exploring Medical Careers class is designed for students who are interested in exploring health related career opportunities. Students learn anatomy/physiology and a variety of medical terms, techniques and procedures while visiting various health care facilities for a first-hand view of careers. First semester concentrates on exploring career areas of interest such as physical therapist, physician, registered nurse, radiological technician, respiratory therapist, pharmacist, electrocardiogram technician, and over 200 more careers! Second semester provides an internship experience which allows the student to choose careers of interest and do an in-depth study of the profession in various health care facilities. Students who receive a grade of B or better can receive credit at Waubensee or Elgin Community Colleges in Medical Terminology.

Horticulture I & II

(4 terms, 3 credits)

Prerequisite: None

Level: Jr & Sr Elective

Fee: \$25.00 per year

Horticulture I: Horticulture Production and Management

This course offers instruction in the areas of floriculture, landscaping, plant management and agriculture biotechnology. Units of study include plant identification, greenhouse management, culture of greenhouse crops, care and handling of cut flowers and floral design. Also included are landscape design, installation and maintenance, and agriculture. First semester students will have BSAA-Plant Science to receive .5 credits for Science. Second semester students will have Agriculture Biotechnology to receive .5 credits for Science. Agribusiness units will cover operating horticulture, pricing work, advertising and sales. Improving computer and workplace skills will be a focus. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration and reinforcement of academic concepts.

Horticulture II: Landscaping and Turf Management

This advanced course focuses on the landscape, nursery, and turf segments of the horticulture industry. Units of study include: identifying landscape plants, designing landscape plans, hardscape construction techniques, and installing landscape plants. Also included are tool maintenance and maintenance of existing landscapes. Agribusiness units will cover calculating prices for work, managing a horticulture business, advertising and sales. Improving computer and workplace skills will be a focus. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration and reinforcement of academic concepts.

Law Enforcement/Criminal Justice

(4 terms, 3 credits)

Prerequisite: None

Level: Sr Elective Site: TBA Fee: College texts average \$150-\$200

Programs in Law Enforcement/Criminal Justice are designed to prepare people for careers in federal, state, and local law enforcement agencies, in correctional agencies and institutions, and in private security agencies. Students will be introduced to the criminal justice system, local, state and federal agencies and their jurisdiction responsibilities. Communication skills, observation, reporting and record keeping as they pertain to law enforcement will be studied. Students will also be introduced to patrolling and field operations.

Students will be involved in interviewing techniques, preliminary investigations, police security, pursuit and arrest. Students will be introduced to additional training for people already involved in law enforcement administration, correctional administration, forensic science, and security management. Students study the roles and activities of people with regard to maintaining law and order, providing services, protecting lives and property, and conducting administration, planning and research. Students may participate in off-campus activities such as demonstrations, tours, and internships. Students that receive a grade of B or better may receive college credit at Waubensee Community College.

PC Maintenance, Repair and Networking

(4 terms, 3 credits)

Prerequisite: None

Level: Jr & Sr Elective

Fee: \$30.00 per year plus a required kit that will average between \$20 and \$40 subject to manufacturer's cost

Students in this class will learn basic concepts related to computer maintenance and repair, computer upgrading and software installation. Students enrolled in PC Maintenance, Repair and Networking get both instruction and hands-on experience in maintaining and repairing PC's as well as building and securing networks. In addition to this, they will learn to operate the Microsoft Office Suite software and complete course work in employability skills. Course objectives will help prepare students to take the Comp TIA A+ Certification Exam. The second semester focuses on basic networking concepts, and students have the opportunity to work with one of the latest Microsoft network operating systems. Students who complete this class with a grade of B or better can receive credit for Waubensee College courses.

Welding I & II

(4 terms, 3 credits)

Prerequisite: None

Level: Jr & Sr Elective

Fee: \$45.00 per year plus all students must supply their own safety glasses, heavy gloves, work shirt, and necessary tools/materials

This introductory course is designed to help students master skills in the following areas: shielded arc welding, gas metal arc welding, tungsten metal arc welding, oxyacetylene welding, bronzing, flame cutting and the fundamentals of weld shop fabrication. Welding I students will complete a competency chart.

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, and necessary tools/materials. Students that receive a B or better can receive college credit at Waubensee Community College in the following courses: Welding I and Welding II.

Satellite Classes

All the programs listed below are located at an off-campus site and students must provide their own transportation.

Cosmetology I & II

(4 terms, 3 credits)

Prerequisite: None

Level: Jr & Sr Elective

Site: Approved Cosmetology School

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. Student costs will average \$3,000, subject to change depending on kit cost, compared to \$16,000 cost if not enrolled through FVCC. Second year 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. Second year costs average \$2,000.

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.

Cosmetology II students 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.

College Credit Articulation Form

Waubonsee Community College, College of DuPage, Elgin Community College,
Joliet Junior College and Kishwaukee College



Student Instructions

- Step 1** Earn an A or B in each semester of an articulated course. Turn this page over for courses eligible for articulated credit at your school.
- Step 2** Complete this application. Then turn this page over and mark the articulated courses in which you earned an A or B.
- Step 3** Submit an official high school transcript and this form completed front and back to VALEES.

VALEES Office:

Route 47 at Waubonsee Dr., Building A Room 161

Sugar Grove, IL 60554

(630) 466-5736

(630) 466-9621 Fax

mborneman@waubonsee.edu

Student Completes

Name: _____

Email: _____ Telephone: _____

Address: _____

Street Address

City

Zip Code

High School
or Career
Center: _____

Graduation date or
last semester
attended: _____/_____/_____

Student Signature: _____

**Submission of this form authorizes the release of my high school transcript to VALEES.*

VALEES

Director Signature: _____



Student Instructions Continued

- Step 4** Take VALEES Director signed and stamped form to Registration and Records at Waubonsee Community College, Student Center Second Floor, along with the recording fee of \$10.00 per credit hour.

Registration and Records

Amount received: _____ Recorded by: _____ Date: _____

Articulated credit requirements: Credit must be requested within two years of high school graduation or last date of high school attendance. Student must enroll in a Waubonsee Community College course for posting of college credit to the transcript.

**Batavia High School
2014-2015**

Check Classes Taken	Batavia High School	Waubensee Community College	Credits	VALEES Director Approval
	Accounting I (12104A001)	ACC 115 Fundamentals of Accounting	3	
	Advanced MS Word/Power Point (10005A001) and Desktop Publishing/Web Page Design (10201A001)	AOS 114 Comprehensive Word Processing	3	
	Advanced MS Word/Power Point (10005A001)	CIS 105 Introduction to Windows	1	
	Child Care Lab (19054A001)	ECE 102 Career Explorations in Early Childhood	3	
	Graphics Arts I (11154A001)	GRD 160 Computer Illustration	3	
	Graphics Arts II (11154A002)	GRD 135 Desktop Publishing and GRD 170 Digital Image	3 3	
	Graphic Production Management (11154A002)	GRD 135 Desktop Publishing	3	
	Technical Drawing (21102A001)	CAD 100 Technical Drawing	3	
	Batavia High School	Joliet Junior College		
	Catering & Hospitality (16054A002)	HOSP 120 Exploring the Hospitality Industry	3	

Check Classes Taken	Fox Valley Career Center	Waubensee Community College	Credits	VALEES Director Approval
	Automotive Technology II (20104A002)	AUT 100 Fundamentals of Automotive Technology	2	
	Basic Nurse Assistant Training Program (14051A001)	NAS 101 Basic Nurse Assistant Training	7	
	Early Childhood I (19054A001)	ECE 102 Career Explorations in Early Childhood	3	
	Early Childhood II (19055A001)	ECE 101 Introduction to Early Childhood Education	3	
	EMT – Emergency Medical Technician (14055A001)	EMT 120 Emergency Medical Technician-Basic	9	
	Exploring Medical Careers (EMC) (14002A002)	HIT 105 Medical Terms for Health Occupations	1	
	Fire Science I (15152A001) *If enrolled as dual credit, do not apply for articulated credit.	FSC 105 Basic Operations Firefighter I and FSC 115 Basic Operations Firefighter II and FSC 120 Hazardous Materials Operations and FSC 215 Technical Rescue and Vehicle Operations	4 4 3 1	
	Fire Science II (15152A002) *If enrolled as dual credit, do not apply for articulated credit.	FSC 125 Advanced Technician Firefighter and FSC 140 Fire Apparatus Engineer and FSC 150 Vehicle and Machinery Operations	4 4 3	
	Graphic Communications I (11154A001)	GRD 160 Computer Illustration	3	
	Graphic Communications II (11154A002)	GRD 135 Desktop Publishing and GRD 160 Computer Illustration and GRD 170 Digital Image	3 3 3	
	Law Enforcement/Criminal Justice (15051A003)	CRJ 105 Patrol Operations	3	
	PC Maintenance, Repair & Networking (10252A001)	CIS 105 Introduction to Windows	1	
	Web Development (10201A001)	CIS 105 Introduction To Windows and WEB 110 Web Development with HTML/XHTML	1 3	
	Welding I (13207A001) and Welding II (13207A002)	WLD 115 Oxy-Fuel Welding & Cutting and WLD 120 Shielded Metal Arc Welding I	3 3	
	Fox Valley Career Center	Kishwaukee College		
	Powersports & Equipment Technology II (2 Units) (20110A002)	DPT 199 Small Engine Maintenance and Repair	3	
	Fox Valley Career Center	Elgin Community College		
	Automotive Technology, Early Childhood, EMT, Fire Science, Health Occupations, Powersports & Equipment Technology, and Welding	Contact Fox Valley Career Center for further information.		