

# **Course Description Guide**

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## Have questions about scheduling?

Counselors will be presenting programs for parents to address programming concerns.

Parent Information Nights usually held in November and December  
Appleton High Schools  
East — North — West

Please watch for information in your school newsletters.

Course selection for the upcoming school year must be completed during the first semester of the current school year.

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## Graduation Requirements

Students in the Appleton Area School District have access to courses that provide a balanced academic background which meet a broad array of interests and needs. Students in grades 9-12 will be expected to successfully complete those courses (required and elective) necessary to meet the 23 required credits during the high school years as established by the Board and listed in the policy.

At least 23 high school credits including:

Graduating Class of 2017 and beyond	Graduating Class of 2016	
<b>English Language Arts (ELA) - 4.0 Credits</b>	English Language Arts	4.0 Credits
1.0 <i>ELA 9</i> or <i>*ELA 9</i>	Physical Science	1.0 Credit
1.0 <i>ELA 10</i> or <i>*ELA10</i>	Life Science	1.0 Credit
1.0 ELA 11 course option	Civics	1.0 Credit
1.0 ELA 12 course option	American History	1.0 Credit
	Global Requirement	1.0 Credit
<b>Science - 3.0 Credits</b>	Mathematics	2.0 Credit
1.0 Physical Science	Health	0.5 Credit
1.0 Life Science	Fine Arts	1.0 Credit
1.0 Science Course Elective	Physical Education	1.5 Credits
	Pers. Financial Management	0.5 Credit
<b>Social Studies - 3.0 Credits</b>	Electives	8.5 Credits
1.0 <i>Civics</i>		
1.0 World Studies		
1.0 U.S. History		
<b>Mathematics - 3.0 Credits</b>		
<b>Health - 0.5 Credit</b>		
0.5 <i>Health</i>		
<b>Fine Arts - 1.0 Credit</b>		
(to include: art, music, theater, or humanities when not used for social studies)		
<b>Physical Education - 1.5 Credits</b>		
0.5 <i>Freshmen Physical Education</i>		
<b>Financial Literacy - 0.5 Credit</b>		
<b>Elective - 6.5 Credits</b>		

## Scheduling Deadline

The entire hiring process and the procedure of building the master schedule for the school is based on the classes students request when scheduling. Therefore, students and parents should give careful thought to their initial course selections. Student needs and course enrollments are taken into consideration for changes in courses or schedules requested after the designated deadlines.

## Course Planning

The AASD Individualized Learning Plan is available through the guidance office to allow students to record their completed credits and grades as they progress through their high school years to meet graduation requirements. This learning plan can be used in conjunction with the Four Year Course Planning Worksheet at [to assist students in determining the most appropriate arrangement of their courses throughout their four years in high school to meet graduation requirements and their future career and educational goals.](#)

## Full-time Student Requirements

### Minimum Requirements:

#### Freshmen

Six academic credits to include one credit of English Language Arts, one credit of *civics*, one credit of physical science, one credit of mathematics, one-half credit of *health*, one-half credit of *Freshmen physical education* and one additional credit.

#### Sophomores

Six academic credits to include one credit of life science, one credit of a world studies course, one credit of English Language Arts, one credit of mathematics, one-half credit of physical education (unless taken in junior and senior year) and one and one-half additional credits.

#### Juniors

Six academic credits to include one credit of U.S. History, one credit of English Language Arts, one credit of mathematics, one credit of science course elective, one-half credit of physical education (unless taken in sophomore and senior year), one-half credit personal financial management (taken during the junior or senior year) and one additional credits.

#### Seniors

Five academic credits including one credit of English Language Arts, one-half credit of physical education (unless taken in sophomore and junior year), one-half credit personal financial management (if not taken during the junior year), and four additional credits.

## Four Year Course Planning Worksheet

### 23 credits required for Graduation

FRESHMAN			JUNIOR		
Course Number	Course Name	Credits	Course Number	Course Name	Credits
9880/9890	Lunch		9880/9890	Lunch	
0010	<i>Freshmen Physical Education</i>	.5		Physical Education <small>(unless taken in sophomore and senior year)</small>	.5
	<i>Health</i>	.5		Personal Financial Management <small>(Junior or Senior Year)</small>	.5
	English Language Arts - <i>ELA 9 or *ELA 9</i>	1		English Language Arts - ELA 11 course option	1
	Mathematics	1		Mathematics	1
	Science	1		Science	1
	<i>Civics</i>	1		U.S. History	1
	Fine Arts (any year until graduation)	1			
Total Credits			Total Credits		
SOPHOMORE			SENIOR		
Course Number	Course Name	Credits	Course Number	Course Name	Credits
9880/9890	Lunch		9880/9890	Lunch	
	Physical Education <small>(unless taken in junior and senior year)</small>	.5		Physical Education	.5
	English Language Arts - <i>ELA 10 or *ELA 10</i>	1		Personal Financial Management <small>(Junior or Senior Year)</small>	.5
	Mathematics	1		English Language Arts - ELA 12 course option	1
	Science	1			
	A World Studies course	1			
Total Credits			Total Credits		

## TESTING INFORMATION

All sophomores will take the state-mandated test during the sophomore year.

The PSAT/National Merit Scholarship Qualifying Test given in October is offered to college-bound juniors. College-bound sophomores may also decide to take the test. The results of the PSAT will indicate how a student's verbal and mathematical aptitudes compare with other four-year college-bound students nationwide.

All students who intend to continue their education in a four-year college program will be asked to submit scores from their ACT or SAT examination. The tests are offered several times throughout the year, with definite registration deadlines for each. College-bound juniors should take the proper test(s) during the spring of the junior year. Check with the college to determine which examination is required.

Eligibility for certain scholarships may require submitting ACT or SAT results early in the senior year.

Helpful web sites:  
[www.act.org](http://www.act.org)  
[www.collegeboard.org](http://www.collegeboard.org)

## School Counseling Services

School Counseling Services are available to each of you to aid in your academic success in school, to help you better understand your strengths and limitations, and to help in planning for and attaining realistic goals.

School counselors focus on facilitating:

- Student transitions from middle school and from high school
- Academic programming of students
- Academic progress of students
- Career exploration
- Post-secondary planning
- Assisting with identification of student issues and needs

Whenever you have a concern or need information, you are encouraged to see your school counselor. Throughout the course description book, you will see an increased emphasis on career exploration and development. As you engage in the process of making career decisions, it is important that you understand the purpose and expectations of the university system, technical college, apprenticeship programs, and the world of work.

School counselors can be of help in providing information about post high school opportunities:

### 1. Technical Colleges

These programs offer opportunities to learn specialized skills and trades that meet the needs of business and industry. Requirement: High school diploma or equivalent  
[www.foxvalley.tec.wi.us](http://www.foxvalley.tec.wi.us)

### 2. Armed Forces

Recruiters visit high schools regularly to provide up-to-date information. Requirement: High school diploma  
[airforce.com](http://airforce.com); [goarmy.com](http://goarmy.com); [navy.com](http://navy.com); [marines.com](http://marines.com)

### 3. Colleges and Universities

Many colleges and universities have two-year and four-year university programs. High school coursework should prepare you for college by helping develop strong skills in at least four areas — English, math, social studies, and natural sciences. World language is also recommended. Requirements: High school diploma, core college preparatory credits, grade point average, class rank, and ACT or SAT test scores. Consideration is also given to co-curricular and community activities.

Helpful websites:  
[www.uwhelp.wisconsin.edu](http://www.uwhelp.wisconsin.edu)  
 (WI public univ.info)  
[www.wisconsinmentor.org](http://www.wisconsinmentor.org)  
 (WI private univ.info)

### 4. Apprenticeships

Post-secondary apprenticeships may be available through sponsorship by a trade professional. It typically includes technical college coursework and on-the-job training. Requirement: High school diploma or equivalent  
 Internet: [www.dwd.state.wi.us/apprenticeship/](http://www.dwd.state.wi.us/apprenticeship/)

### 5. World of Work Plan Ahead!

Students increase employment options and opportunities by selecting career-related courses.

Wisconsin Job Centers provide a 'one-stop' service for employers to meet their workforce needs and job seekers to get the career planning, job placement and training services they need to get jobs. Call toll-free 888-258-9966 to learn the phone number and address of your nearest Wisconsin Job Center.  
 Internet: [www.wisconsinjobcenter.org](http://www.wisconsinjobcenter.org)

# Post-Secondary Education Admission Tips and Readiness

## Investigate. . .

a variety of career options and resources. Students should visit the WisCareers website. This explores careers and colleges around the country.

<http://wiscareers.wisc.edu>

## Talk. . .

with college representatives. College representatives visit your school throughout the year. Check the school counselor's office and webpage for information on visits. Students must sign up for these college visits in the guidance office. Students also must arrange for any missed work.

## Visit. . .

the career center in the school counselor's office. Thousands of pieces of mail from colleges and universities from throughout the country are available throughout the school year.

## Consult. . .

with your school counselor to discuss your career goals, college entrance requirements and class choices.

## Attend. . .

a variety of presentations that are publicized through your school counseling office such as post-secondary planning nights, curriculum fairs, college fairs or financial aid nights.

High school graduation requirements may be different from the entrance requirements for specific colleges and universities. The requirements listed below are minimum requirements for students to be eligible for admission to these institutions. Students are encouraged to exceed these minimum requirements and to challenge themselves by taking rigorous courses, including Advanced Placement courses, to be competitive in the collegiate admissions process.

### University of Wisconsin System

Students must meet the following minimum requirements in order to be eligible for admission:

English	4 credits
Mathematics	3 credits
	(minimum of Algebra 2)
Science	3 credits
Social Studies	3 credits
FA/Electives/Language	4 credits

*Two years of a single foreign language are required for admission to UW-Eau Claire and UW-Madison, and strongly recommended at other UW System campuses.*

### Nation's Top Universities

Students must meet the following minimum requirements in order to be eligible for admission:

English*	4 credits
Mathematics	4 credits
Science	3-4 credits
Social Studies**	3 credits
World Language***	3-4 credits

*\*Intensive work in writing*

*\*\*Includes American & European History*

*\*\*\*At least one world language*

*Rigorous courses should be taken, including AP level when possible, and SAT or complete ACT achievement tests administered by the College Board.*

### Wisconsin's Technical Colleges

The following are recommended high school credits for adequate, comprehensive preparation for success in technical college programs:

English	4 credits
Mathematics	3 credits
Science	3 credits
Social Studies	3 credits
Technical Courses	3-4 credits

*Technical college programs have admission standards, and some programs have waiting lists. Apply early and seek your counselor's advice regarding your chosen program.*

### Wisconsin's Private Universities

Students must meet the following minimum requirements in order to be eligible for admission:

English	4 credits
Mathematics	3 credits
Science	3 credits
Social Studies	3 credits
World Language	2 credits

*Considerations for admission include either ACT or SAT scores and grades earned within the context of courses taken, as well as the challenge level of the courses.*

# Additional Course Options

## Independent Study

Independent study is available under certain conditions. Student participation is determined through mutual consent of the student, teacher, and student's counselor with approval of the administration. Student selection of an independent study course should stem from a previous course, area of study or other student experience. Students may not carry, as independent study, a course or area of study offered through the established curriculum. Contact the guidance office for specific information.

## Classes Outside the Appleton Area School District

Students can request credit for classes taken at their expense from educational institutions other than the Appleton Area School District. A "Request for Credit" must be submitted at least one month prior to the first date of the requested class to the High School Credit Review Board. Guidelines for course approval require the course be from an accredited institution. The High School Credit Review Board reviews requests at designated times each year and determines the amount of credit awarded for courses. Credit will not be granted for educational experiences that are not awarded credit by the originating institution (credit is not available for workshops or camps). Applications submitted after the course is completed may not be considered. Contact the guidance office to begin the application process.

## Youth Options

If a junior or senior is interested in enrolling in a course that is not offered at the high school level, the student may elect to enroll in that or a similar course at a local college or university. If the student follows the procedures listed below and successfully completes the course, the course will count for both college and high school credit and will be paid for by the Appleton Area School District. If a college level course is taken for college credit only, the student will be responsible for the cost of the course. **The following procedures must be completed in order for the student to**

**enroll in a course, receive credit and be reimbursed for the cost of the credits:**

1. The student must meet with the high school counselor to select the appropriate course(s) and to begin the application procedure.
2. The student must apply and be accepted by the institution of higher education for admission to the course(s).
3. The student must apply for approval to the Appleton Area School District Board of Education by **March 1** (for first semester), and **October 1** (for second semester) if the course(s) is/are taken for both college and high school credit. Application is made by completing the PI 8700A form.
4. The student must maintain contact with the high school counselor for assistance with applications to colleges and the School Board, for class schedule adjustments and for transcript record keeping.

In addition, the following applies to Youth Options students in the Appleton Area School District:

- The number of college credits students may take at the district expense are limited to 18 credits over the two years the student is eligible for Youth Options.
- If a student receives a failing grade in a Youth Options course or fails to complete a course for which the School Board has made payment, the student's parent or guardian (or the student if he or she is an adult) is required to reimburse the school district the amount paid on the student's behalf. Failure to make reimbursement will result in future denial of Youth Options courses for the student.
- The district will not pay for any courses that are comparable to those offered in the AASD high schools. Any student seeking to take comparable courses must pay for the entire cost and seek permission for release time from the district.

## Service Learning

Recognition for service learning is available to all AASD high school students. Preapproval for all service learning is required. Please check with your guidance office for details.

## Advanced Standing

Fox Valley Technical College (FVTC) has established advanced standing agreements with AASD. Students who complete a course designated as having Advanced Standing at their high school may receive credit from their high school and become eligible to receive advanced standing from WI technical colleges. All Wisconsin technical colleges will accept advanced standing from other technical colleges if the course competencies and credits are comparable. High school students are eligible to receive technical college advanced standing credit if they successfully complete an advanced standing designated course, enroll in a technical college degree program and present appropriate documentation of the completion of the high school course. FVTC will make the final determination of the awarding of advanced standing.

NOTE: Many four-year colleges and universities accept a significant number of credits from FVTC associate degree programs. These transfer credits make pursuing a baccalaureate degree affordable, accessible and convenient for FVTC associate degree graduates.

## Transcribed Credit (Dual Credit)

FVTC has established transcribed credit contracts with the AASD. High school students complete a technical college course taught by a WTCS certified transcribed credit high school teacher at their high school. Students' grades are posted to a high school transcript and to an official technical college transcript where it is tabulated in the technical college GPA.

## Vocational Work Experience

This experience is designed for students who desire a mix of work with school. By enrolling in any related Business & Marketing, Family & Consumer Education or Technology & Engineering class, students are given the opportunity to add the employment phase of the program for additional credit. A State of Wisconsin Skill Certificate is presented upon successful completion of the program. A maximum of two credits is allowed.

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## Youth Apprenticeship

Youth Apprenticeship (YA) integrates school-based and work-based learning to instruct students in employability and occupational skills defined by Wisconsin industries. Local programs provide training based on statewide youth apprenticeship curriculum guidelines, endorsed by business and industry. Students are instructed by qualified teachers and skilled worksite mentors. Students are simultaneously enrolled in academic classes to meet high school graduation requirements, in a youth apprenticeship related instruction class, and are employed by a participating employer under the supervision of a skilled mentor. Junior or Senior Year of High School opportunity.

### Program Framework

Key elements of the youth apprenticeship program are:

- Industry-developed skill standards
- Exposure to multiple aspects of the industry
- Skilled mentors assigned to train the students
- Paid on-the-job work experience – 450 hours of work-based learning required
- 2 semesters of related classroom instruction concurrent with work-based learning
- Curriculum guidelines for all programs
- Performance evaluation of demonstrated competencies
- State-issued skill certificate

## Cooperative Academic Partnership Program (CAPP)

The Cooperative Academic Partnership Program (CAPP) at the University of Wisconsin-Oshkosh provides academically able high school students an opportunity to earn college credits while still in high school. Qualified students may enroll in select college courses taught by university approved high school instructors. CAPP gives students a chance to experiment with the academic rigor of university course work while remaining with high school peers. CAPP helps to set students apart from other college applicants and gives them a jump start on a college career.

# Advanced Placement Program

The Advanced Placement (AP) Program is a cooperative educational endeavor between secondary schools and colleges. AP courses expose high school students to college level material and give students the opportunity to show that they have mastered the material by taking an AP exam. Colleges and universities may grant credit, placement or both to students who attained a level specified by the institution. College and university policies regarding Advanced Placement grades are not consistent. Students seeking college credit through AP are advised to obtain the college's AP policy.

Students can benefit from taking AP courses by learning a subject in greater depth, developing skills that will be critically important to successful study in college and demonstrating to colleges their willingness to undertake a challenging course. Students take AP courses and exams for several reasons, including the challenge, the money and time saved and the opportunities that can unfold as a result. The entering college student who has been given AP recognition can take advanced courses, explore different subject areas, enter honors and other special programs, pursue double majors and even complete undergraduate requirements early.

In Appleton, students self-select into AP courses. *Please be aware that all AP courses use college-level curriculum, materials, assessment, and homework.* All students taking AP courses will be encouraged to take the corresponding AP exam.

Each exam has a multiple-choice section and a free response (essay, problems, etc.) section. Scores on the AP test include: 5 (extremely well qualified), 4 (well qualified), 3 (qualified), 2 (possibly qualified), and 1 (no recommendation). A student who earns a grade 3 or better on an AP exam is generally considered qualified to receive credit for the equivalent course at one of the 2,900 colleges and universities that give credit for AP exams.

In the Appleton Area School District, registration for AP Exams will take place during February. The non-refundable fee of approximately \$91.00 is due at the time of registration. The College Board offers a \$29.00 per exam credit and the district pays the remaining fee for qualified students with documented financial need. The AP exams are administered during May. Students with special needs can be accommodated but must discuss any necessary nonstandard exam conditions with the AP coordinator before registering. For further information, please contact the district AP coordinator at 832-4604.

The following chart indicates which AP courses are offered at Appleton high schools:

Classes	AP Exam
AP Art History (3490)	Art History
AP Biology (4180)	Biology
AP Calculus AB (9500) BC (9550)	Calculus AB or BC
AP Chemistry (4250)	Chemistry
AP Macroeconomics (3465)	Macroeconomics
AP Microeconomics (3460)	Microeconomics
AP English Language & Comp [AP American Lit & Comp] (1120)	English Language and Composition
AP English Literature & Comp [AP World Lit & Comp] (1270)	English Literature and Composition
AP French (2225)/CAPP (204)	French Language
AP German (2425)/CAPP (204)	German Language
AP Gov. and Politics: U.S. & Comparative (3400)	Government & Politics: Comparative
AP Physics 1: Algebra-Based (4560)	Physics B or C
AP Psychology (3320)	Psychology
AP Spanish (2620)/CAPP (204)	Spanish Language
AP Statistics (9520)	Statistics
AP U.S. History (3050)	U.S. History
*AP American Studies [AP English Language & Comp./ AP U.S. History] (3060)	U.S. History/English Language and Composition
AP World History (3150)	World History and /or European History

In addition, the following AP exams are available, although Appleton does not offer the corresponding AP courses:

Environ. Science	Chinese Lang. and Culture	Italian Lang. and Culture
Human Geography	Studio Art	European History
Latin: Lit. or Vergil	Music Theory	French Literature
Spanish Literature	Japanese Lang. and Culture	AP Computer Science A

# Charter Schools

**The Renaissance School for the Arts**, housed at Appleton West High School, offers a half-day program that is open to all interested AASD students and to students from other districts who open-enroll to Appleton West. The Renaissance School offers integrated classes in visual arts, theater, music (vocal and instrumental), dance, creative writing, journalism, and film; as well as required communication arts and social studies classes. All dance, yoga, Tai Chi and stage combat classes may be applied toward physical education graduation requirements.

The Renaissance School is committed to the goal of developing well-rounded artists who live and work as part of a larger artistic community. Each semester, all students are encouraged to enroll in classes that engage them in four of the six artistic fields (visual arts, dance, music, theatre, film/journalism and creative writing). All incoming freshmen and students new to Renaissance are also required to take the "Philosophy/Foundations of Arts" class.

The Renaissance School for the Arts is a charter school which offers courses in a variety of scheduling formats including modular, blocked, and web-enhanced. Students interested in enrolling in the Renaissance School for the Arts will need to submit an application (available at each high school guidance office) to the Renaissance School for the Arts at West High School. Due dates for applications will be announced at each high school. Successful applicants may be asked to participate in an interview process; and later, a lottery, if the number of applicants exceeds the spaces available.

Once a student has been accepted into the Renaissance School, the student should meet with his/her school counselor to schedule the morning portion of the schedule. Generally, this means students from East High School and North High School can schedule their morning school classes during periods 1-4 and travel during period 5. Students from West may be able to schedule the morning school classes through period 5. Students will participate in co-curricular activities (plays, concerts, sports, etc.) at their morning school. The Renaissance School for the Arts will work with students to develop their afternoon schedules.

**Appleton eSchool** is an online charter high school that provides credit courses to any interested Appleton Area School District student in grades 9-12. (This includes AASD residents attending a private school and also home schooled students.) Individual courses are available on a continuous or rolling enrollment basis from September through February. Requests are processed based on meeting enrollment guidelines and course availability. Appleton eSchool offers a variety of course options locally and through partnerships with other online high school programs. Core academic courses, Advanced Placement courses and a variety of unique electives are available. The flexibility of online courses meets a wide variety of student needs and interests. Appleton eSchool courses are web-based and available 24/7. Since this is a unique learning environment, students are strongly encouraged to start by taking one online course to determine if this is a good fit for their learning style. Students can drop a course without consequences anytime during the first 3 weeks after they attend an orientation session. The index, found at [www.aasd.k12.wi.us/eschool](#) includes a computer icon to designate core courses available online. Check the Appleton eSchool website for courses, enrollment and contact information. [www.aasd.k12.wi.us/eschool](http://www.aasd.k12.wi.us/eschool)

**Tesla Engineering Charter School**, housed at Appleton East High School, provides a comprehensive three- or four-year educational experience created to meet the needs of students with an interest in engineering and technology. Implementing a course of instruction developed and supported by Project Lead The Way ([www.pltw.org](http://www.pltw.org)), Tesla strives to help students understand the application of math, science, and technology in the context of engineering and design.

Students who enroll in Tesla typically have an interest in math, science, technology and enjoy learning in a highly hands-on environment.

Tesla curriculum is standards-based and student-centered, relying on and aligning with standards established by the National Academy of Sciences, the National Council of Teachers of Mathematics, and the International Technology & Engineering Association.

Applications are available through the Tesla website or at any Appleton high school guidance department. Those who will be taking advantage of open enrollment need to apply prior to January 31 of the previous year.

For additional information, contact Sean Schuff at (920) 997-1399 x2766 or visit us on the web at [www.aasd.k12.wi.us/tesla](http://www.aasd.k12.wi.us/tesla)

## Valley New School

Mission: To create a learning community that empowers individuals to become purposeful adults.

The Valley New School (VNS) offers students in grades 7-12 an opportunity to learn in an integrated, project-based environment. Instead of traditional classes, students develop and complete in-depth research projects that reflect their individual passions and interests. Students integrate state and local standards into each project as they focus on mastering the “processes of learning.”

The imagination and interests of Valley New School students create an unlimited array of projects. Past projects have included: mechanics of bird flight, creation vs. evolution, Islam, art history, HTML & website design, woodcarving, ballet and creative dance, gourmet cooking, Renaissance dress making, Mag-Lev trains, Tchaikovsky, Forensics, and foreign languages.

The VNS learning community operates in an open, business-like environment with a computer available at each student workstation. The flexible use of the workspace requires and nurtures both individual and group responsibility. Located at City Center Plaza, students are encouraged to utilize the wide variety of local businesses and community organizations as learning partners.

In addition to its academic focus, VNS encourages family involvement and a commitment to community. Students become independent, self-motivated, life-long learners as they develop their individual talents.

**Appleton Career Academy** provides students with integrated curriculum and instructional activities that allow students to preview the academy professions within smaller, cohesive, personalized learning environments. Students are engaged in a rigorous, standards-based curriculum that is supplemented with classroom experiences, service learning, clinical and co-curricular experiences involving the greater Fox Cities community. Students are presented with multiple opportunities to establish their workplace readiness skills. Enriching experiences and training are also included to prepare students to be leaders in their chosen profession in our community. The emphasis on student interest, career exploration and rigorous classes creates a sense of relevance to increase student achievement and satisfaction.

Three main areas of curriculum focus:

**Business & Marketing** approaches careers through the power of academic and business partners. Students are exposed to broad career opportunities through course work and community experiences.

**Design** is a cutting-edge fusion of technology and art concepts which inspires excellence and nurtures creativity. Students experience and apply industry concepts while learning about career opportunities. Design provides an academically rich, student-centered approach through collaboration across the curriculum.

**Health** is an interdisciplinary, academic and hands-on approach to prepare students for careers in the “helping” field. Students receive opportunities in coursework, practical applications and real-life settings to bridge school and career options.

Applications are available through the Appleton Career Academy or at any Appleton high school guidance department.

For additional information, contact Appleton Career Academy at (920) 832-4309.

# Alternative Education

The alternative education programs in the high schools (East – Patriot Plus, North – Northward Bound, West – Accent) are designed to provide different learning experiences for students who are in need of options in order to be successful in reaching district graduation requirements. Nontraditional methods are used to assist in areas of credit deficiency, attendance difficulties and development of positive attitudes regarding lifelong learning.

See program coordinators for specific courses available at each high school.

## **Employment Development/Vocational Skills Training** 9700 1 Credit

Sophomore/Junior/Senior  
Instructor recommendation

This course educates the students in the realities of the work world. It dispels common myths and encourages students to take control of their lives by making conscious choices, setting realistic values and goals. Learning about the changing job market and developing an action plan allows school-aged parents to prepare for economic self-sufficiency. The course is designed to help teen parents decide on appropriate ways to support their children.

## **Parenting Now** 9750 1 Credit

Freshman/Sophomore/Junior/Senior  
Instructor Recommendation

This course is designed to instruct the students about parenting. Parenting labs are arranged periodically during the course. Topics covered relate to current student situations and experiences. Class discussions, videos and other experiences make this an interesting and enjoyable experience. One class a week is set aside for a support group geared toward parenting. The school social worker and School-Aged Parent (SAPAR) coordinator will lead the discussions.

## **P.A.S.S.** .5 Credit

Freshman/Sophomore/Junior/Senior  
Instructor Recommendation

P.A.S.S. (portable assisted study sequence) courses are designed to help students meet graduation requirements by granting credit for completion of self-directed learning packets. These course offerings are all .5 credit options.

## **Integrated Learning Systems Lab** 9801/9802 .5 Credit

Sophomore/Junior/Senior  
Instructor Recommendation/At Risk Status

The Integrated Learning Systems (ILS) Lab will provide computer assisted, individualized instruction to eligible students in a flexible and self-paced format. Often students using this method of learning have not been successful in traditional classroom settings.

## **Work Experience** 9900 1 Credit

Sophomore/Junior/Senior  
Instructor Recommendation

Work experience offers students the opportunity to develop skills that will assist them in career decision making and appropriate work behavior. The learn-on-the-job format will help students progress toward post-high school education and career goals.

# Art

## **Art Survey** 8500 1 Credit

Freshmen/Sophomore/Junior/Senior

Art Survey offers a variety of both two and three dimensional art experiences. Drawing, design, painting, printmaking, sculpture, crafts and commercial art activities will be explored. This is an excellent course for students who need to improve their art background before electing other art courses or for those students who plan to take only one art course to fulfill the fine arts graduation requirement.

## **Drawing and Painting** 8600 1 Credit

Sophomore/Junior/Senior

The relationship between drawing, painting, printmaking and design will be emphasized. Various painting styles and printmaking techniques will be investigated.

## **Jewelry and Art Metals** 8620 1 Credit

Sophomore/Junior/Senior

This course is an introduction and application of design fundamentals for basic jewelry and metal fabrication through the use of brass, copper, nickel and silver. Some basic casting techniques will also be explored, with emphasis on both functional and decorative design.

## **Ceramics and Sculpture** 8660 1 Credit

Sophomore/Junior/Senior

This course is an introduction and application of design principles to handbuilt and wheelthrown pottery, including decoration and glazing methods. Students will gain an understanding of sculptural materials and forms in space by solving three-dimensional problems utilizing materials such as paper-mache, wood, plaster and clay.

## **Craft Design** 8690 1 Credit

Sophomore/Junior/Senior

This course is for students who enjoy designing and creating their own work in the area of crafts. Experiences may include stained glass, ceramics, metals, paper-making and fundamental fiber techniques such as weaving, macrame, coiling, silk painting, batik and stitchery.

## **Drawing and Painting 2** 8700 1 Credit

Junior/Senior

Prerequisite: Drawing and Painting 8600

This course will offer advanced work in painting and printmaking using a variety of media. The focus will be upon strengthening composition, use of color and expressive content. It will include an in-depth study of other artists, their styles and work.

## **Jewelry and Art Metals 2** 8720 1 Credit

Junior/Senior

Prerequisite: Jewelry and Art Metals 8620

This course offers further exploration of form and function covered in Jewelry and Art Metals 8620 with greater emphasis on craftsmanship and original design. Experiences may include forming, chasing, enameling and other advanced metals techniques.

## **Ceramics and Sculpture 2** 8760 1 Credit

Junior/Senior

Prerequisite: Ceramics and Sculpture 8660

This course will further explore handbuilt and wheelthrown pottery, as well as other sculptural techniques. Students may also explore glaze makeup, firing methods, use of slips, plus other decorating and construction techniques.

## **Craft Design 2** 8790 1 Credit

Junior/Senior

Prerequisite: Craft Design 8690

Students will pursue contemporary craft projects with an emphasis on personal expression through the medium of fibers, clay, metal, wood, paper and stained glass.

## **Introduction to Studio Art - Semester** 8800 .5 Credit

Freshman/Sophomore/Junior/Senior

Introduction to Studio Art (semester) offers a variety of both two and three dimensional art experiences. Drawing, design, painting, printmaking, sculpture, ceramics, and commercial art activities will be explored. This is an excellent course for those students who wish to improve art skills and techniques in a studio setting where individual interest can be pursued.

*There will be a \$25 cost for materials needed for personal projects retained by the students (except for Introduction to Studio Art which is \$13). Any additional costs will vary based on student choice of materials and extent of the project.*

# Business & Marketing

**Computer Apps for Careers 5000 .5 Credit**  
Students will use a variety of software to create personal as well as business documents. The course will emphasize touch-keyboarding skills while creating documents, letters, reports, tables, newsletters, and resumes. We will be incorporating beginning level Google applications, Microsoft Outlook, and various social media to complete projects.

**\*Computer Apps for College 5010 .5 Credit**  
*FVTC Transcribed Credit (pending approval)*  
Interested in a career in Accounting & Finance, Administrative Professionals, Business Management, or Communications? Students will complete projects that allow them to go beyond the basics of using Microsoft Word, Excel, Access, and PowerPoint. Project-based applications reinforce computer applications, document formats, and workforce skills, as well as promote creativity. This course is transcribed with FVTC and gives students the opportunity to earn 2 credits.

**Exploring Business 5080 .5 Credit**  
This course is intended for students who would like to explore the world of business and what opportunities the business world has to offer. Several topics will be covered including an introduction to accounting, law, finance, human resources, business ethics, international business, management, marketing, career exploration, computer applications and internet communications. All students who are interested in a career in business or marketing should take this one-semester course.

**Accounting 5320 1 Credit**  
*(CLEP Test for University/College Credit)\*\**  
Accounting is recommended for any student considering a college business or marketing major. Accounting is often referred to as the "language of business." Along with mastering the basic principles of accounting, the students will learn how advanced accounting systems/concepts are used in various types of business. Selected problems will be completed on the computer using Excel or automated accounting.

*\*\*CLEP Test allows students to take an advanced placement test in the area of marketing and business. If students pass the test, college credit will be awarded at most UW schools. Ask a department rep for further information.*

**\*Principles of Business Management 5410 .5 Credit**  
Junior/Senior  
*FVTC Transcribed Credit (pending approval)*  
This course is intended to provide an overview of the variety of activities in the world of business. It focuses on the responsibilities connected with operating a business from both organizational and managerial viewpoints. It also examines the role of government and the economy in both national and international business. This is an excellent course for anyone interested in starting a business or students interested in pursuing a business major in 4 or 2 year colleges. This course is transcribed with FVTC and gives students the opportunity to earn 3 credits.

**Sports and Entertainment Marketing 5500 .5 Credit**  
This course will focus on marketing as it applies to the sports and entertainment industry. This class is designed to introduce students to the exciting and ever-changing world of event marketing. Students in this class will learn about sponsorships, endorsements and marketing strategies that are used by industry leaders to market a sports team or event. Guest speakers, interactive projects and experience working in the school store make this a rewarding class.

**Marketing 1 (Promotions) 5510 .5 Credit**  
This course focuses on the concepts and strategies associated with the dynamic and changing means of communication in order to promote products, services, ideas, and/or images. This course encourages students to examine this field from the viewpoints of the creative staff, business person, and consumer.

**Marketing 2 (Sales) 5520 .5 Credit**  
This course offers students the opportunity to learn marketing skills needed in the fast-paced world of retailing. In this course, the student will learn that retailing is a significant and vital component to the United States economy and is quickly becoming an integral part of the global economy. Throughout the course, the student will be made aware of the importance of retailing in its various forms as the final step in getting products and services to consumers in the marketplace. Marketing 1 is not a prerequisite.

**Advanced Marketing - Student Marketing Team**  
**5540 1 Credit**

Prerequisite: Marketing 1 5510 or Marketing 2 5520  
(CLEP Test for University/College Credit)\*\*

Senior

Advanced instruction is given in leadership development, product/service planning, marketing information management, social media techniques, brand development and advanced business portfolio instruction.

The Student Marketing team provides high school students with an opportunity to blend their academic knowledge with real-world project engagement and expertise from community professionals to receive a unique and practical educational experience in the fields of business, marketing, entrepreneurial and non-profit pursuits.

Students have the option to take various CLEP Exams and upon successful exam scores students will gain transfer credit to various colleges.

*\*\*CLEP Test allows students to take an advanced placement test in the area of marketing and business. If students pass the test, college credit will be awarded at most UW schools. Ask a department rep for further information*

**Advanced Marketing Internship**  
**560J 1 Credit**

Prerequisite: Advanced Marketing 5540

Senior

The Advanced Marketing Internship Program offers students the opportunity to work with area businesses in a marketing or business related field. Students in this program are matched with a business mentor and learn marketing and business skills on the job. On-the-job training is offered for credit and pay with classroom instruction related to student's business or marketing training station. Standards will be met which will allow the student to receive skills certification through the Department of Public Instruction. *There is a cost to individual students for employer/employee orientation/appreciation events.*

*Note: DECA is an association of marketing students. The goal is to develop future leaders for marketing management and entrepreneurship. Most courses will include DECA activities as a part of coursework. Students are also given the opportunity to be involved in DECA competitions. There may be a fee involved.*

*FBLA is an organization for Future Business Leaders of America. Most Business courses will provide opportunities to participate in FBLA.*

**Career and Technical Education Internship**  
**9664 .5 Credit**

Senior

This related classroom instruction includes units on career decision making, selecting the appropriate post-secondary educational/training option, applying 21st century employment skills, problem solving on-the-job situations and tips on how to get the job you really want. The student must be employable and enrollment in 9664J is required.

**Career and Technical Education Internship Job**  
**9664J 1 Credit**

Prerequisite: CTE Internship 9664

Senior

On-the-job training is offered for credit and pay with classroom instruction related to the student's training station. The student must be employable and enrollment in 9664 is required.

**Youth Apprenticeship** **9664YA 1 Credit/year**

Junior/Senior

Wisconsin's Youth Apprenticeship program is a part of a statewide School-to-Work initiative. It is designed for Juniors and Seniors who want hands on learning in an occupational area at a worksite along with classroom instruction. This one or two year elective program combines academic and technical instruction with mentored on-the-job learning. Minimum of 450 Paid Work Hours is Required.

Opportunities in: Finance; Hospitality, Lodging and Tourism; and Information Technology.

For specific information:

<http://dwd.wisconsin.gov/youthapprenticeship>

# Computer Science

## **Introduction to Computer Science - PLTW**

**9340 .5 Credit**

Designed to be the first computer science course for students who have never programmed before, Introduction to Computer Science (ICS) is an optional starting point for the Project Lead The Way (PLTW) Computer Science program. Students work in teams to create simple apps for mobile devices using MIT App Inventor®. Students explore the impact of computing in society and the applications of computing across career paths and build skills and awareness in digital citizenship and cybersecurity. Students model, simulate, and analyze data about themselves and their interests. They also transfer the understanding of programming gained in App Inventor to learn introductory elements of text-based programming in Python® to create strategy games.

## **Computer Science and Software Engineering - PLTW**

**9540 1 Credit**

Using Python® as a primary tool and incorporating multiple platforms and languages for computation, this course aims to develop computational thinking, generate excitement about career paths that utilize computing, and introduce professional tools that foster creativity and collaboration. 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. CSE helps students develop programming expertise and explore the workings of the Internet. Projects and problems include app development, visualization of data, cybersecurity, and simulation. This course prepares students for the AP Computer Science Principles test.

Students fulfill their 4-credit requirement from the list below:

#### FRESHMAN

English Language Arts 9  
1000, \*1010

#### SOPHOMORE

English Language Arts 10  
1020, \*1030

#### JUNIOR

American Literature &  
Composition 1110

\*AP English Language &  
Composition [AP American  
Literature & Composition]  
1120

American Studies  
(American Literature and  
Composition/ U.S. History)  
3030

\*AP American Studies [\*AP  
English Language and  
Composition/\*AP United  
States History] 3060

#### SENIOR

Senior Communication 1250

\*World Literature &  
Composition 1260

\*AP English Literature and  
Composition [AP World  
Literature and Composition]  
1270

Creative Writing 1 1300

Creative Writing 2 1310

Genre Study: Literature and  
Composition 1320

Journalism 1: Foundations  
and Applications 1330

# English Language Arts

Students must complete four credits in English Language Arts to meet graduation requirements.

Working in conjunction with English Language Arts teachers and counselors, students should select a high school program that is sufficiently challenging and meets the four-credit graduation requirement. Diverse courses are offered to meet the needs of students with a variety of post-high school plans. Juniors or Seniors, planning on attending a four year college or university, should keep in mind that many colleges and universities look for literature and composition courses. Students with specific colleges in mind, should make sure the course selection meets their requirements.

## English Language Arts Courses

### Freshman

English Language Arts 9      1000/\*1010  
1 Credit

English Language Arts 9 integrates reading, writing, speaking and listening, and language. The major focus is learning to comprehend text through a variety of reading skills and strategies. Students apply these skills and strategies in a variety of quality literature and informational text. The writing process and six-trait writing provide the foundation for writing instruction.

The focus of English Language Arts 9 is based on the concept of the individual as well as interpersonal relationships. The goal of the selected text and activities is to provide students with experiences that will enable them to understand self-esteem, self-awareness, and personal style.

### Sophomore

English Language Arts 10      1020/\*1030  
1 Credit

English Language Arts 10 integrates reading, writing, speaking and listening, and language. The major focus is learning to comprehend text through a variety of reading skills and strategies. Students apply these skills and strategies in a variety of quality literature and informational text. The writing process and six-trait writing provide the foundation for writing instruction. Formal speaking is an emphasis.

The focus of English Language Arts 10 is based on improving societal awareness. Selected text and activities will enhance students' understanding of themes that permeate all societies, such as gender issues, generational conflicts, family structures, environment, government, and racism. Themes will focus on individuals and their relationships to society (community, region, country) and the world (global).

**Junior**

**American Literature and Composition 1110  
1 Credit**

American Literature and Composition is a survey of American Literature. The course integrates reading, writing, speaking and listening, and language. The major focus is learning to comprehend text through a variety of reading skills and strategies. Students apply these skills and strategies in a variety of quality literature and informational text. The writing process and six-trait writing provide the foundation for writing instruction.

**\*AP English Language and Composition  
[AP American Literature and Composition] 1120  
1 Credit**

Students in AP English Language and Composition will read and carefully analyze a broad and challenging range of fiction and nonfiction prose selections primarily from American Literature, deepening their awareness of rhetoric and how language works. Students will be introduced to the rhetorical triangle and its importance in connecting the writer, the reader, and the text, through ethical appeal (ethos), emotional appeal (pathos), and logical appeal (logos). This triangle establishes the basis for all forms of argumentation that will be analyzed and practiced throughout the year. Through close reading and frequent writing, students will enhance their ability to work with language and text with a greater awareness of purpose and strategy, while fostering a genuine understanding of establishing a purpose, identifying an audience, and creating an argument while developing their own essays. Course readings feature expository, analytical, personal, informational, and argumentative texts from a variety of authors and historical contexts. Students examine and work with essays, letters, speeches, images, and creative literature. In addition, students will analyze both primary and secondary sources and they will learn to synthesize the information from these sources in their own compositions. This course prepares students to take the AP English Language and Composition exam in May.

**American Studies  
[American Literature and Composition/ US History] 3030**

**1 Credit English Language Arts/  
1 Credit Social Studies**

American Studies is a two-credit course integrating American Literature and Composition with United States (U.S.) History. It examines both great events and important themes in American history and literature. The course cultivates an understanding of the connections between the economic, political, social, cultural, and intellectual development of the U.S. in the continuing creation of U.S. culture. The course engages students in becoming analytical readers of text written in a variety of periods, disciplines, and contexts, and in becoming skilled writers.

**\*AP American Studies [AP English Language and  
Composition/\*AP United States History] 3060  
1 Credit English Language Arts/  
1 Credit Social Studies**

This is a two-credit course integrating Advanced Placement United States History with AP English Language and Composition, with an emphasis on American authors. The major goal of this course is to cultivate an understanding of the connections between the economic, political, social, cultural, and intellectual development of the U.S. in the continuing creation of U.S. culture. The course engages students in becoming skilled readers of prose written in a variety of periods, disciplines, and rhetorical contexts, and in becoming skilled analytical writers. This course prepares students for both the AP United States History exam and the AP English Language and Composition exam.

**Senior**

**Senior Communication 1250 1 Credit**

*FVTC Transcribed Credit (pending approval)*

Senior Communication will explore careers through job shadows and develop career-readiness skills such as writing resumes and performing mock job interviews. They will demonstrate competencies that prepare them for employment and/or continued education. This course teaches the writing process which includes prewriting, drafting, and revising. Through writing assignments, students analyze audience and purpose, research and organize ideas, and format and design documents based on subject matter and content. Students will identify, gather, and apply resources; demonstrate the ability to work with others; and apply relevant technology. Projects will combine strands of reading/literature, writing, and oral communication.

**\*World Literature and Composition 1260 1 Credit**

World Literature and Composition is a survey of World Literature. The course integrates reading, writing, speaking and listening, and language. The major focus is learning to comprehend text through a variety of reading skills and strategies. Students apply these skills and strategies in a variety of quality literature and informational text. The writing process and six-trait writing provide the foundation for writing instruction.

**\*AP English Literature and Composition  
[AP World Literature and Composition] 1270 1 Credit**

AP English Literature and Composition 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 way writers use language to provide both meaning and pleasure for their readers. This course is equivalent to a college freshman English course with an emphasis on written essays through which students learn to articulate ideas concisely and thoroughly. This course also is designed to aid students in preparing for the AP English Literature exam.

**Senior** (Continued)

**Creative Writing 1**

**1300 .5 Credit**

Creative Writing 1 is an introductory course in the elements of writing fiction and poetry. Students will read and respond to a variety of authors' works to explore writing techniques and styles to enhance their own voice as writers.

**Creative Writing 2**

**1310 .5 Credit**

Creative Writing 2 is a continuation of the concepts explored in Creative Writing 1 with an emphasis on dramatic writing (plays and screen plays) and an in-depth study of specific genres which may include children's literature, interactive fiction (video game writing), fan fiction, horror/science fiction, mystery, romance, parody, fantasy, or poetry, etc. Students will read and respond to a variety of authors' works to explore writing techniques and styles to enhance their own voice as writers. Intense focus will be placed on the writing process with an emphasis on revision and editing.

**Genre Study: Literature and Composition -**

**Mythology** 1320 M .5 Credit

**Science Fiction** 1320 SF .5 Credit

**Shakespeare** 1320 S .5 Credit

**Sports Literature** 1320 SL .5 Credit

**Women's Literature** 1320 WL .5 Credit

Genre Study Literature and Composition is a theme-based survey course focused on a chosen genre. The course integrates reading, writing, speaking and listening, and language. Students will learn to comprehend quality literature and informational text through a variety of reading skills and strategies. The writing process and six-trait writing provide the foundation for writing instruction.

Genre options include mythology, science fiction, Shakespeare, sports literature, and women's literature.

Students will engage in an in-depth exploration of the unique aspects of the genre in this semester long course.

**Journalism 1: Foundations and Applications** 1330 1 Credit

This course focuses on giving students an understanding of the basics of print journalism history, organization, production, law, and ethics as well as giving students authentic, real-world, collaborative experiences in producing a professional-level print and/or online publication. The focus of this course is twofold: reading and interpreting literary and information texts and composing writing with the purpose of informing, entertaining, and persuading a community of readers. All students will be responsible for performing specific duties for the school paper/publications in addition to completing work for the classroom. These duties may require a significant amount of time and effort outside of the regular school day.

**Electives**

Electives are above and beyond the four required ELA credits. The following electives are offered:

**Creative Writing 1 1300 .5 Credit**

**Creative Writing 2 1310 .5 Credit**

**Genre Study: Literature and Composition 1320 .5 Credit**

**Journalism 1: Foundations & Applications 1330 1 Credit**

**Film Studies 1400 .5 Credit**

**Interpersonal Communication 1600 .5 Credit**

**Creative Writing 1 1300 .5 Credit**  
(See course description under Senior options.)

**Creative Writing 2 1310 .5 Credit**  
(See course description under Senior options.)

**Genre Study: Literature and Composition**  
**Mythology 1320 M .5 Credit**  
**Science Fiction 1320 SF .5 Credit**  
**Shakespeare 1320 S .5 Credit**  
**Sports Literature 1320 SL .5 Credit**  
**Women's Literature 1320 WL .5 Credit**  
 (See course description under Senior options.)

**Journalism 1: Foundations and Applications 1330 1 Credit**  
(See course description under Senior options.)

**Film Studies 1400 .5 Credit**  
 This course is designed for students who have an interest in the history, structure, composition, form, and meaning of the artistic medium of film. In this class, students of all levels and abilities will have the opportunity to **research and view** several different types of films through the lenses of genre, techniques, narrative structure, figurative meaning, and formal criticism. Using guided, specific, and large and small group instruction--**in addition to independent work**--students will focus on gaining a deeper appreciation for this important artistic and narrative medium and will learn how to apply the lessons of important films to their own lives.

**Interpersonal Communication 1600 .5 Credit**  
 Senior

This course is designed for seniors of all scholastic ability levels and backgrounds who wish to explore their feelings and values through communication with peers. Using guided, specific, large or small group discussion, students focus on life skills, relevant contemporary topics, as well as models of communication and their application to everyday interaction.

# English Language Learners (ELL) and Bilingual Education Program

ELL classes are structured for the student whose first language experience is one other than English. These students need additional development in reading, writing, listening, and speaking. Students will be admitted to the ELL program based upon test scores and academic progress.

## **Beginning ELL A 1790 1 Credit**

Beginning or near beginning ELL students will learn the rudiments of listening, speaking, reading, and writing of English. There is a strong emphasis on oral language development. Instruction focuses on basic words and phrases, including naming and action words, colors, numbers, clothing, food, furniture, and time concepts.

## **Beginning ELL B 1800R/1800W/1800G 1 Credit each**

This is a course for the beginning or near beginning level ELL student. Students continue to develop language through exposure to oral and written patterns in meaningful context. The student will be introduced to basic grammar. They will learn to use vocabulary to create simple phrases to achieve basic needs and outcomes. Basic process writing of paragraphs and the mastery of beginning level reading materials will be emphasized.

## **Basic ELL 1810R/1810W/1810G 1 Credit each**

This course is for students who have developed the foundation of basic vocabulary and grammar required for academic discourse. The student will practice and master basic English grammar including simple present and present continuous and be introduced to more complex constructions such as past and future tense. Students continue to combine vocabulary to create more complex pieces of writing to achieve basic needs and outcomes. Process writing of paragraphs and short declarative works will be expanded. Basic reading comprehension, strategies, and skills will be emphasized.

## **Intermediate ELL Reading 1820R 1 Credit**

This is an intermediate level course for ELL students. As students progress through this course and gain control of English syntax, they will be involved in more multiple sentence communication both orally and in writing. Students will be introduced to conditional tense, comparisons, clauses, and question forms. Intermediate reading comprehension, strategies, and skills will be developed. Writing projects will be expanded to include short compositions and research projects.

## **Intermediate to Advanced ELL 1830 1 Credit**

This course is for the intermediate to advanced ELL student. The students should understand and be able to use the tenses and grammatical concepts with greater accuracy. In writing, the organization of content will be developed with an emphasis on coherent paragraphs, compositions, and research projects. More advanced reading, writing, and speaking assignments will be given.

## **Advanced ELL 1840 1 Credit**

This class is for advanced students of English who still have difficulty with content courses because of restricted vocabulary and insufficient familiarity with English and American literary forms and styles. The purposes of this class are: a) to read critically and for enjoyment of great works of literature in their original forms, b) to analyze the ideas expressed in stories, poems, and plays as well as their literary forms, and c) to write essays using the rhetorical modes of process, comparison, analysis, definition, and argument. Students will move from concrete, personal, experiences towards abstract understandings and generalizations.

## **Project Success 1855 1 Credit**

This course is designed for the intermediate and higher ELL students. Tutorial support is provided during a daily class period (for which the student receives credit) for work assigned in regular education classes. In addition, staff members assist students in monitoring their progress in these classes.

## **Hmong Literacy 1 1900 1 Credit**

This course is designed for students who have oral language skills in Hmong but do not read or write Hmong. This class covers the basic Hmong writing system namely its consonants, vowels, and tone markers. At the same time, students will construct words and simple texts that reflect their knowledge level of syntax. As a medium for developing literacy and cultural understanding, this course also offers an introduction to Hmong culture and tradition.

## **Hmong Literacy 2 1910 1 Credit**

This course is designed for students who have oral language skills in Hmong and some basic knowledge of Hmong writing. The course will review all of the Hmong consonants, vowels, and tone markers. Students will develop reading and writing skills on a more advanced level. Readings and discussion will relate to Hmong culture and traditions.

## **ELL Social Studies 3540 1 Credit**

This is a full-year course designed to introduce the student to the concepts of map skills, world geography, and units in contemporary survival skills with an emphasis on vocabulary.

## **ELL United States History 1 3550 1 Credit**

This course is designed for the Intermediate and higher ELL student. Vocabulary, reading and writing are emphasized as the student becomes familiar with historical events in the United States. There are modified reading, writing and research projects associated with this course of study.

## **ELL Civics 3560 1 Credit**

All students will be exposed to a practical unit on local and national government and its direct and indirect effects upon them. These topics pave the way for studying the political structures of other nations and the position of the United States in today's world.

**ELL Contemporary World Studies 3570 1 Credit**

Students will learn to explore and understand the lifestyles and customs of people in many parts of our world. Through study of the history, economics, geography, political systems and social institutions, students will better understand issues in the world today. Students will fulfill their social studies global concept requirement upon successful completion of this course.

**ELL Introduction to Science 4350 1 Credit**

This is an inquiry-based science survey course with an emphasis on developing English communication skills and vocabulary relevant to science content. Energy is the focus of this course that will provide a foundation for high school English Language Learners in future science courses.

**ELL Physical and Earth Science 4400 1 Credit**

This is a general science course with an emphasis on physical and earth science. The course will provide students the opportunity to discover major science concepts while developing critical thinking skills. This course explores many of the fascinating and exciting aspects of science that allow students to gain knowledge useful to functioning as a citizen in our technological world. Study and reading skills are emphasized and enhanced.

**ELL Life Science 4420 1 Credit**

Prerequisite: ELL Physical and Earth Science

This fundamental course surveys general concepts in life science. The course emphasizes how life science applies to everyday life. Laboratory work reinforces course content and encourages the development of observation and critical thinking skills. Study and reading skills are emphasized and enhanced.

**ELL Health 4990E .5 Credit**

This course will cover the required areas of health with the emphasis on applying knowledge and values to affect health related behaviors. Topics covered will be personal health, nutrition, mental and emotional health, prevention and control of disease, substance use and abuse, community and environmental health, accident prevention and safety, consumer health and family life education. In addition, ELL Health Education will integrate the English language skills of listening, speaking, reading, and writing into this course. This course meets the .5 credit health requirement.

**ELL Computer Fundamentals 5000E .5 Credit**

This course is designed for students who are interested in learning basic keyboarding skills for college or personal use. Term papers, reports, letters and tables are generated through use of the personal computer.

**ELL Computer Applications 5100E .5 Credit**

Prerequisite: Computer Keyboarding or the ability to meet established criteria. This course will provide instruction in Microsoft Word, Excel and PowerPoint. Students will also learn employability skills.

**ELL Foods 6200E .5 Credit**

This course will teach the students basic cooking skills including: reading recipes, identifying and using equipment, measuring techniques, and a variety of cooking methods. Students work in labs to demonstrate the skills learned and prepare food samples.

**ELL Personal Financial Management 6300E .5 Credit**

This course assists students with career decisions, money management techniques, financial security strategies, and provides consumer rights and responsibilities information to help students achieve their personal lifestyle objectives.

**ELL Basic Math 9610 1 Credit**

This is the entry-level course in a series of three ELL math courses for students with very limited math backgrounds. This course begins with basic operations of whole numbers and progresses through fractions, decimals, percents, integers, and measurement. Basic ideas in algebra, geometry, and probability and statistics are introduced. Key vocabulary terms and problem solving are stressed.

**ELL Intermediate Math 9620 1 Credit**

Prerequisite: Basic ELL math or placement test. This course is the second in a series of three ELL math courses. The course begins with arithmetic and progresses through the fundamentals of algebra, geometry, measurement, probability, and statistics. Key vocabulary terms and problem solving are stressed.

**ELL Advanced Math 9630 1 Credit**

Prerequisite: Intermediate ELL math or placement test. The advanced math course is the third in a series of three ELL math courses. This course begins with arithmetic and progresses through algebra, geometry, measurement, probability and statistics, with the primary focus on algebra. Key vocabulary terms and problem solving are stressed.

# Family & Consumer Sciences

## **Foods 6200 1 Credit**

This course provides an opportunity to look at personal food choices and habits. Instruction includes units in meal planning, cost control, safety and sanitation, and preparing regional and international foods.

*There will be a \$20 cost for materials and food items required for food labs.*

## **Advanced Foods 6250 1 Credit**

Prerequisite: Foods 6200

This course explores advanced cooking methods and culinary techniques in order to add to your culinary techniques and cooking skills. Possible projects are fancy desserts, homemade breads, gourmet and vegetarian meals, and foods from around the world.

*There will be a \$20 cost for materials and food items required for food labs.*

## **Food Science 6201 .5 FACS Elective .5 Science Elective**

Prerequisite: Physical and Earth Science or BioPhysical Science  
Co-requisite: Biology or Life Science

This course gives students a hands-on, lab-based, experimental background in basic food science as it relates to aspects of the food industry. Emphasis will be on the relationships among food science, food preparation, and consumers' concerns about nutritional quality. Students will relate their learnings to positions in test kitchens, food product formulation, recipe development, food promotion, and consumer services.

*There will be a \$20 cost for materials and food items required for food labs.*

## **Career Success 6350 .5 Credit**

AASD students will be equipped with the skills, knowledge, and attitudes to transition into life long pursuits which include academic and career direction and planning, personal passions, and resiliency skills to adapt to an ever evolving society.

## **Fashion and Interior Design 6500 1 Credit**

This course introduces students to the dynamic careers within the fashion and interior design world. Students learn basic design concepts and how to apply them to achieve desired results. Creative hands-on projects include accessory and garment construction, developing floor plans and sample boards, and event planning.

*There will be a \$20 cost for materials needed for personal projects retained by the students. Any additional costs will vary based on student choice of materials and extent of the project.*

## **Advanced Fashion and Interior Design 6550 1 Credit**

Prerequisite: Fashion and Interior Design 6500

Dynamic and creative career opportunities abound in the worlds of fashion and interior design. Students will gain advanced knowledge and skills as they design and construct projects for themselves and others. The design career cluster and pathway will be studied to allow for a seamless transition into post secondary opportunities.

Entrepreneurship will be discussed as a viable option in this field of study as well.

*There will be a \$10 cost for materials needed for personal projects retained by the students. Any additional costs will vary based on student choice of materials and extent of the project.*

## **Life Skills Training 6600 1 Credit**

Junior/Senior

Students taking "Life Skills Training" will gain teaching experience through planning, developing and implementing basic life skills lessons with the EEN students. Students will also learn about various Human Services professions such as: teaching, physical and occupational therapy, child care assistant, psychologist, group home worker, social work, nursing and other related careers.

*There will be a \$5 cost for materials needed for personal projects.*

## **Health Science Foundations 6853 1 Credit**

Prerequisite: Introduction to Health Occupations

This course will address increased academic, technical, and employability knowledge and skills that are critical for students to be college and healthcare career ready.

Coursework develops foundation skills and explores career opportunities within each of the five career pathways.

## **Child Development 6880 1 Credit**

Sophomore/Junior/Senior

*FVTC Transcribed Credit (pending approval)*

This course explores development in children ages birth to eight. Infant & Toddler Dev Teaches infant toddler development as it applies to an early childhood education setting. Course competencies include: integrate strategies that support diversity and anti-bias perspectives; analyze development of infants and toddlers (conception to three years); correlate prenatal conditions with development; summarize child development theories; analyze the role of heredity and the environment and more. Child Development, examines child development within the context of the early childhood education setting. Course competencies include: analyze social, cultural and economic influences on child development; summarize child development theories; analyze development of children ages three through eight; summarize the methods and designs of child development research and more.

This course is the prerequisite for the Early Childhood Certification course that allows a student the opportunity to earn an Assistant Child Care Teacher certification with the WI Department of Public Instruction.

Potential to earn 6 transcribed credits through FVTC, pending approval.

**\*Early Childhood Education 6940 1 Credit***FVTC Transcribed Credit (pending approval)*

Prerequisite: Child Development is recommended

Foundations of Early Childhood Education Introduces students to the early childhood profession. Course competencies include: integrate strategies that support diversity and anti-bias perspectives; investigate the history of early childhood education; summarize types of early childhood education settings; identify the components of a quality early childhood education program; summarize responsibilities of early childhood education professionals; and explore early childhood curriculum models. Health, Safety and Nutrition examines the topics of health, safety and nutrition within the context of the early childhood educational setting. Course competencies include: integrate strategies that support diversity and anti-bias perspectives; follow governmental regulations and professional standards as they apply to health, safety and nutrition; provide a safe early childhood program and more

Potential to earn 6 transcribed credits through FVTC, pending approval.

**Introduction to Health Occupations 6960 .5 Credit***FVTC Advanced Standing (pending approval)*

Students will identify the unique characteristics and skills needed by workers in each of the care areas: diagnostic, therapeutic, environmental, and informational. Students will assess personal attitudes, aptitudes, and abilities in order to develop appropriate career plans as well as experience health occupations firsthand as they job-shadow healthcare professionals in careers that interest them. Speakers will also be brought in from the community to share their work experiences in the health field.

*\*Optional Health Occupations Student Association (HOSA) membership fee, approximately \$15.*

**\*People Skills for Health Professionals 6970 .5 Credit***FVTC Transcribed Credit (pending approval)*

Prerequisite: Introduction to Health Occupations

Students will experience health occupations first hand as they job shadow healthcare professionals in careers that interest them. They will expand their knowledge of diseases and treatments and will increase their work skills. Emphasis will include exploring professional and social interaction skills required for healthcare workers and investigate values, ethical dilemmas, helping roles, assertiveness skills, and communication with special populations, death/dying issues and stress management interventions. Students will participate in reflective self-study group discussions and service learning experiences. This course is transcribed with FVTC and gives students the opportunity to earn 1 credits.

*\*Optional Health Occupations Student Association (HOSA) membership fee, approximately \$15.*

**Career and Technical Education Internship****9664 .5 Credit**

Senior

This classroom instruction includes units on career decision making, selecting the appropriate post-secondary educational/training option, applying 21st century employment skills, problem solving on-the-job situations and tips on how to get the job you really want. The student must be employable and enrollment in 9664J is required.

**Career and Technical Education Internship Job****9664J 1 Credit**

Prerequisite: CTE Internship 9664

Senior

On-the-job training is offered for credit and pay with classroom instruction related to the student's training station. The student must be employable and enrollment in 9664 is required.

**Youth Apprenticeship 9664YA 1 Credit/year**

Junior/Senior

Wisconsin's Youth Apprenticeship program is a part of a statewide School-to-Work initiative. It is designed for Juniors and Seniors who want hands on learning in an occupational area at a worksite along with classroom instruction. This one or two year elective program combines academic and technical instruction with mentored on-the-job learning. Minimum of 450 Paid Work Hours is Required.

Opportunities in: Hospitality, Lodging and Tourism; and Health Science.

For specific information:

<http://dwd.wisconsin.gov/youthapprenticeship>

All students are required to take freshman Physical Education for .5 credit. The remaining 1.0 graduation credit, two different .5 courses, must be divided over sophomore, junior, and senior years. Students may not take physical education an entire year to fulfill the graduation requirement. However, if students wish to take a full year of physical education, they may count the additional class as an elective.

The 10-12 grade physical education program is elective in that students may select from the numerous activities listed. The units included in the curriculum are geared toward wellness, health-related fitness (flexibility, cardiovascular fitness, muscular strength) and lifetime activities which incorporate various degrees of physical fitness inherent in the activity itself. The courses are equally valuable to all students, regardless of their vocational or educational goals.

# Health and Human Performance

**Freshman Health** 4990 .5 Credit

[Required]  
This course will cover the required areas of health with the emphasis on applying knowledge and values that affect health related behaviors. Topics covered will be personal health, nutrition, mental and emotional health, prevention and control of disease, substance use and abuse, community and environmental health, accident prevention and safety, consumer health and family life education. This course meets the .5 credit health graduation requirement and is also available to sophomores, juniors, and seniors who are credit deficient.

**Freshman Physical Education** 0010 .5 Credit

[Required]  
This course will emphasize the development of health related fitness skills. Students will be taught to design a personal fitness program. They will experience challenge by choice and team building skills through adventure education. They will develop aquatic skills, and acquire dance movements.

**Sophomore-Junior-Senior Course Options**  
Prerequisite: Freshman Physical Education 0010

**Adventure Education Leadership** 0043 .5 Credit

This course focuses on leadership skills including: group dynamics, group development, leadership styles, decision making skills, safety, and risk management. Students will become proficient in belay skills, knots, and climbing skills. At the conclusion of the course, students will be able to assist the Appleton Area School District adventure team.

**Introduction to Athletic Training** 0044 .5 Credit

This course will emphasize the development of fundamental skills of athletic training and the duties of the athletic trainer. This course will teach students the procedure for providing care to an injured athlete, how to evaluate an athletic injury, the healing and recovery process, and the administrative aspects of athletic training. Students will learn basic anatomy, physiology, first aid, and protective taping and wrapping techniques.

**Adventure Education/Outdoor Pursuits** 0045 .5 Credit

The students enrolled in the Adventure Class will progress through an experientially-based program that emphasizes interpersonal relationships and individual growth. This course encourages students to develop greater self-confidence and, at the same time, acquire a sense of trust and commitment in their classmates. Outdoor education is designed to expose students to a variety of outdoor skills. Outdoor pursuit activities may include: camping, backpacking, survival skills, hiking, fishing, orienteering, snowshoeing, cross-country skiing, canoeing, and kayaking.

**Personal Wellness** 0047 .5 Credit  
**Personal Fitness/ Healthy Lifestyles/Stress Management**

Students will learn the knowledge and skills needed to develop and maintain a lifetime of optimal health and fitness. The following components are included: physical fitness activities, personal habits, nutritional awareness, stress management and environmental factors that influence one's health.

**Recreational Games** 0048 .5 Credit  
**Flag Football/Swim Fitness & Water Games/ Golf/Ultimate Frisbee**

This course offers a variety of competitive and recreational activities involving team play and lifetime activities. Students will learn skills, strategies, and rules of activities while working on interpersonal relationships in a cooperative environment. This class will also be a basic refresher course in fundamental swimming techniques and incorporate a variety of water fitness and activities. This course will also stress health related fitness components as they relate to all activity areas.

**Weight Training and Conditioning** 0049 .5 Credit

This course is designed to provide students with a basic understanding of weight training and how it applies to a healthy active lifestyle. This course will emphasize the development of health related fitness skills. Students will be taught to design a personal fitness program incorporating cardiovascular training and resistance training.

**Net Games 0052 .5 Credit****Badminton/Tennis/Table Tennis/Personal Fitness**

This course provides an opportunity for students to develop skills and learn the rules of various net games. Students will also learn how to apply offensive and defensive strategies, playing courtesies, safety considerations, and terminology for net games. This course will contain information about what it means to be physically fit, the values of being fit, how exercise affects the heart, the various methods of achieving fitness, the relationship between diet and fitness, and exercise cautions and fallacies. Students will design their own fitness programs.

**Aquatic Lifesaving 0053 .5 Credit**

Prerequisite: A student must be 15 years or older by the end of the course.

This course will emphasize the development of lifesaving and first aid skills. Students will be taught the skills and factual knowledge needed to save their own lives and the life of another in the event of an emergency, along with professional lifeguarding techniques. Upon successful completion, the student will be qualified for the American Red Cross First Aid, C-PRO/AED, and Lifeguard Training Certificates. (*American Red Cross certification cost approximately \$55*)

**Team Games 0054 .5 Credit****Volleyball/Team Handball/Floor Hockey/Cardio-fitness**

This course offers a variety of competitive and recreational activities involving team play and lifetime activities. Students will learn skills, strategies, and rules of activities while working on their interpersonal relationships in a cooperative environment. Students will identify the health benefits of each activity and write a personal fitness plan.

**Strategic Games 0055 .5 Credit****Soccer/Speedball/Disc Games/ Basketball**

This course will emphasize the development of invasion tactics through a variety of activities. Students will learn fundamental skills, team strategies, rules of the game, refereeing, and active participation of game play. Students will also learn how activities can lead to an active, healthy lifestyle by developing a personal fitness plan.

**Water Safety Instructor 0056 .5 Credit**

The water safety instructor course is designed to educate instructors (students) on how to instruct people on swimming skills and strokes that will allow participants to feel safe and confident in and around the water.

Prerequisite: Students must be 16 years of age prior to the start of the class, swim 25 yards of the following strokes: front crawl with breathing, back crawl, breast stroke, elementary back stroke, side stroke, and 15 yards of butterfly. Participants must also be able to float or skull on their back for 1 minute and tread water for 1 minute. Successful completion of written and physical tests will result in Red Cross certification. (*American Red Cross certification cost approximately \$55*)

**Individual Pursuits 0058 .5 Credit****Rock Climbing/Biking/Golf/ Skating**

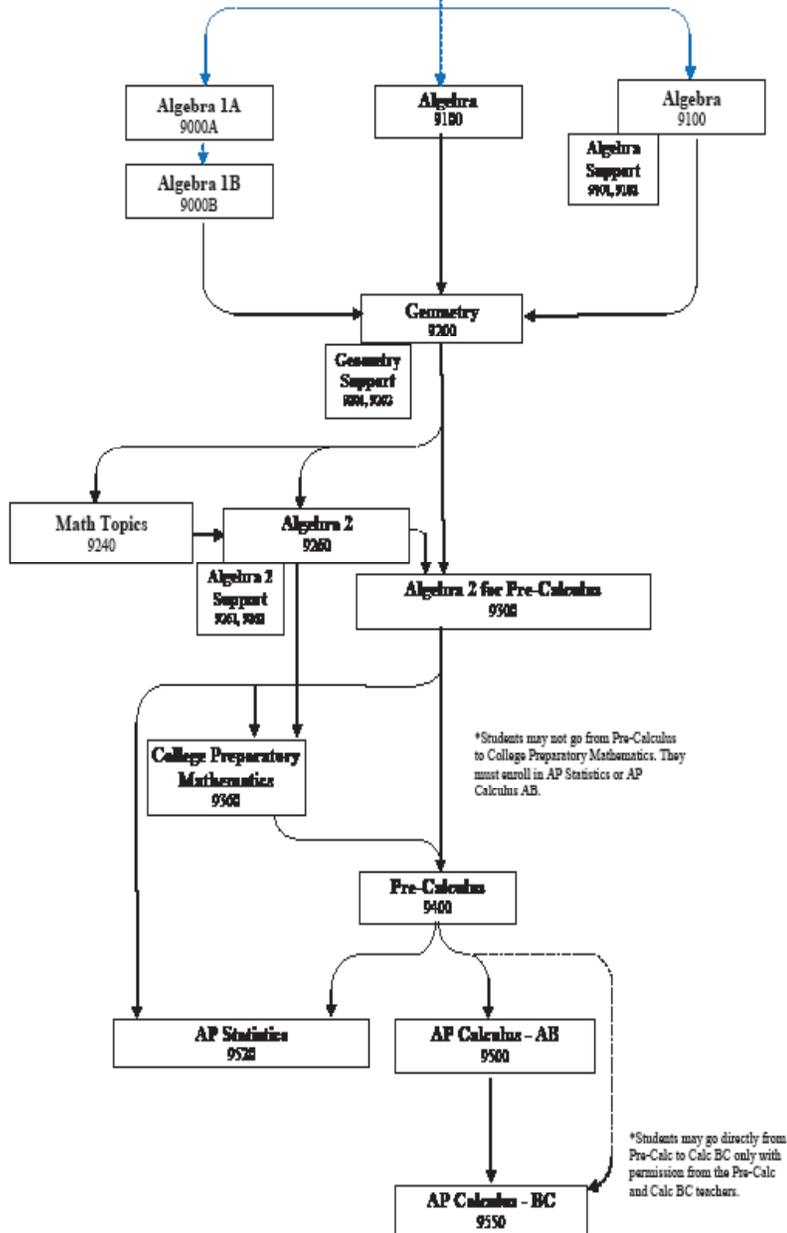
This course provides students a biking experience that offers them an opportunity to ride and learn biking maintenance, safety, trail design, and specific bike skills. Participants must bring their own bike and helmet. Students will also be introduced to basic elements of rock climbing with the emphasis on indoor artificial wall experience. It provides an opportunity for students to develop basic climbing skills in a controlled, safety-conscious environment. Students will be introduced to in-line skating and golf. Instructional emphasis will be placed on learning the lifelong skill associated with in-line skating and golf. Students will examine the health benefits of these activities.

**Lifetime Fitness 0059 .5 Credit****Personal Fitness/Biking/Self-Defense/Swim Fitness & Water Games**

This course is designed for the student who is looking for a wide variety of lifetime activities. Students will develop cardiovascular fitness, strength, and flexibility. The student will be able to design and implement a fitness plan. Biking will provide an opportunity to ride and learn. Biking maintenance, safety, trail design, and biking skills will be practiced. Participants must bring their own bike and helmet. Students will participate in a variety of aquatic conditioning activities and water games. Students will need to be able to demonstrate basic swim proficiencies prior to class. Instructional emphasis will be placed on safely learning the lifelong activities. Students will learn basic skills and safety precautions in self-defense.

Middle School Mathematics

Appleton Area School District  
Mathematics Curriculum  
2016-2017



# Mathematics

**Algebra 1A**                      **9000A**      **1 Credit**

Prerequisite: Middle School Mathematics

This course provides the foundation for the study of higher levels of mathematics.

Emphasis is placed on algebraic symbols and properties, mathematical expressions and statements, functions and graphs, and real-world applications.

**Algebra 1B**                      **9000B**      **1 Credit**

Prerequisite: Middle School Mathematics

This course provides the foundation for the study of higher levels of mathematics.

Emphasis is placed on algebraic symbols and properties, mathematical expressions and statements, functions and graphs, and real-world applications.

**Algebra**                              **9100**      **1 Credit**

Prerequisite: Middle School Mathematics

This course provides the foundation for the study of higher levels of mathematics.

Emphasis is placed on algebraic symbols and properties, mathematical expressions and statements, functions and graphs, and real-world applications.

**Algebra Support**

**9101(sem. 1)/9102 (sem. 2)**

**1 Elective Credit**

**Geometry**                              **9200**      **1 Credit**

Prerequisite: Algebra

This course is the exploration and investigation of various geometric shapes and their properties. Students use geometric models to solve real-world problems. An emphasis is placed on presenting convincing arguments by a variety of logical means.

**Geometry Support**

**9201 (sem. 1)/9202(sem. 2)**

**1 Elective Credit**

**Math Topics**                              **9240**      **1 Credit**

Prerequisite: Algebra and Geometry

This course provides a survey of relevant mathematical topics. Realistic problems will be solved using mathematical modeling, the selection of appropriate tools, and mathematical perseverance. Problems are approached arithmetically, investigated geometrically with graphic representation, and represented by the writing and solving of equations.

**Algebra 2**                              **9260**      **1 Credit**

Prerequisite: Algebra and Geometry

In this course, students will revisit key concepts from Algebra, Geometry, and other mathematics courses, building upon students' prior knowledge to develop more advanced understanding of algebraic relationships. Emphasis will be placed upon multiple representations of functions (algebraic, graphic, tabular, and descriptive) and application of those functions in a variety of situations. Students who need reinforcement of Algebra concepts are strongly encouraged to take this course before taking Algebra 2 for Pre-Calculus or College Prep Mathematics. Students will also explore and strengthen mathematical concepts specifically selected for university and technical college preparation.

**Algebra 2 Support**

**9261 (sem. 1)/9262 (sem. 2)**

**1 Elective Credit**

**Algebra 2 for Pre-Calculus 9300 1 Credit**

Prerequisite: Algebra and Geometry

This course is a rigorous extension of earlier mathematics courses in preparation for Pre-Calculus. Students will build upon prior knowledge from Algebra and Geometry with emphasis upon multiple representations of functions (algebraic, graphic, tabular, and descriptive) and application of those functions in a variety of situations. Students will extend their understanding of right triangle trigonometry to the unit circle, using trigonometric functions to model periodic phenomena. Students may take this course after successful completion of Algebra and Geometry. Strong algebra skills are essential for students enrolling in this course. Students who need to strengthen their algebra skills are encouraged to successfully complete Algebra 2 prior to enrolling in this course.

**College Preparatory Mathematics 9360 1 Credit**

Prerequisite: Algebra 2 or Algebra 2 for Pre-Calculus

This course provides a highly numerical approach to mathematics. Problems are approached arithmetically, investigated geometrically with graphic representation, and represented algebraically by the writing and solving of equations. Technology plays a key role by providing insight into arithmetic properties and access to demanding, realistic problems.

**\*PreCalculus 9400 1 Credit**

Prerequisite: Algebra 2 for Pre-Calculus

This course is a foundation course for calculus and other college-level mathematics classes. It is intended for students planning on pursuing higher levels of mathematics for a variety of careers in the areas of business, physical sciences, engineering, medical fields, social sciences, technical and computer fields, education, mathematics, actuarial study, etc. A student successfully completing this course would take AP Calculus or AP Statistics as their next math class. The course will cover upper level math topics with an emphasis on trigonometry, analytic geometry, and statistics.

**\*AP Calculus AB 9500 1 Credit**

Prerequisite: PreCalculus

This rigorous course is an integral component of the high school calculus sequence. The course reviews the functions necessary for calculus, and introduces students to differential calculus. The calculus concepts of limit, continuity, derivative, and antiderivative are applied to algebraic, exponential, logarithmic, and trigonometric functions. Students may elect to take an Advanced Placement Calculus AB Examination in May for possible college credit.

**\*AP Statistics 9520 1 Credit**

Prerequisite: Algebra 2 for Pre-Calculus

This course is an introductory college-level course in statistics. Students study the major statistical concepts and tools for collecting, analyzing and drawing conclusions from data. The course topics are divided in the four major themes of exploratory analysis, planning a study, probability, and statistical inference. Students may elect to take the Advanced Placement Statistics Examination in May for possible credit.

**\*AP Calculus BC 9550 1 Credit**

Prerequisite: AP Calculus AB

This rigorous course is an in-depth development and extension of the concepts of calculus that were introduced to the students in AP Calculus AB. Topics from both differential and integral calculus comparable to a two-semester college offering are studied. Students may elect to take an Advanced Placement Calculus (AB and/or BC) Examination in May for possible college credit.

**Each student is required to have their own instrument for band and orchestra. Please contact the course instructor for information on rental options available through the school district.**

**Rental, annual upkeep and/or purchase of apparel are associated with most music courses. For specific costs, please contact the instructor.**

*Note: Marching Band*  
This music experience is required of all upper level band students but may include freshmen as well. The marching band performs at home football games, presents a halftime show for homecoming, and marches in the Appleton Santa Parade, Memorial and Flag Day Parades. If the opportunity exists, the band may march in other communities, states, and countries.

*Note: Chamber Music*  
This music experience is offered mostly in conjunction with the solo-ensemble festival but can continue throughout the year. Students have an opportunity to participate in such ensembles as flute choir; clarinet choir; brass choir; saxophone choir; percussion ensemble or jazz ensemble. Participation is arranged through music instructors.

## Music

### **Music Theory 8190 .5 Credit**

Music theory is a highly recommended course for any junior and senior student planning to major in music. Other advanced music students are welcome. The class will meet daily for one semester and will focus on harmony, melody, rhythm, as well as sight singing and ear training. Composition and theory will be taught through a computer composition/MIDI lab where available.

### **Music History and Literature 8195 .5 Credit**

Junior and senior students will study the music of major composers from all style periods from Renaissance to Contemporary. Compositional styles, instrumentation and social/cultural trends will be explored. This class is recommended for all future music majors and others with strong musical interests.

### **Perspectives in Music 8200 .5 Credit**

Perspectives in Music offers you the opportunity to sharpen your music listening skills using time tested musical examples, along with making music on beautiful sounding English handbells. This one semester nonperformance music course is open to freshmen, sophomores, juniors and seniors without prerequisite. No prior music training is needed, nor is public performance required. Students may wish to participate in a handbell choir which could perform for events as the students and instructor desire.

### **Freshman Band 8260 1 Credit**

Prerequisite: Band Experience

All ninth grade band students should enroll in the Lightning, Patriot, or Terror band. Directors may place a student in an advanced band based on instrumentation needs and ability. A variety of Class C literature is explored with the emphasis on developing basic performance skills in the areas of tone, rhythm, articulation, technique, and listening. Students are required to participate in all concerts and activities involving the entire band, possibly including marching band. Students also have the opportunity to participate in the solo ensemble experience.

### **Concert Band 8270 1 Credit**

Concert band is an intermediate ensemble composed mostly of sophomores, but may include some juniors and seniors. This band performs Class B literature. Members are required to perform at all concerts, including marching band in some schools, and are encouraged to participate in the solo-ensemble program.

### **Symphonic Band 8280 1 Credit**

Membership by audition

The symphonic band is comprised of outstanding juniors and seniors and some sophomores, depending on instrumentation needs. Students will present three major concerts per year, including festivals and guest artist programs. This group tours on an every other year basis, both nationally and internationally, depending on opportunities. Each member is required to participate in the district solo-ensemble festival. Members of this ensemble will have the opportunity to perform with the high school orchestra. All band students are required to be in marching band.

### **Wind Ensemble 8290 1 Credit**

Membership by audition

The wind ensemble is comprised of outstanding juniors and seniors and some sophomores, depending on instrumentation needs. Students will present three major concerts per year, including festivals and guest artist programs. The band performs Class A Literature. This group tours on an every other year basis, both nationally and internationally, depending on opportunities. Each member is required to participate in the district solo and ensemble festival. Members of this ensemble may have the opportunity to perform with the high school orchestra.

### **\*Honors Band 8295 1 Credit**

Membership by audition

Any student electing Honors Band will fulfill all requirements to membership in symphonic band. In addition, this student should pursue private lessons on a regular basis with a qualified instructor; demonstrate the ability to create and/or perform chamber music through a (Class A) solo, duet, trio, quartet or quintet at the district solo-ensemble festival or in a recital; audition and participate, if accepted, in the Wisconsin Honors Band, Fox Valley Youth Symphony or Lawrence Arts Academy Wind Ensemble; and demonstrate a knowledge and understanding of the music theory and history of musical selection being studied or performed. All band students are required to be in marching band.

**Freshman Symphony Orchestra 8370 1 Credit**

Prerequisite: Orchestra Experience

Freshman Symphony Orchestra consists of all ninth grade string players. Members will perform both string and full orchestra literature and will be given opportunities to perform in chamber ensembles and solo repertoire as part of the solo-ensemble program.

**Symphonic Orchestra 8380 1 Credit**

Symphonic Orchestra consists of sophomore, junior and senior string players. Students will perform music for full orchestra, including winds and percussion, in addition to literature for strings and chamber music ensembles. This orchestra tours nationally on alternating years.

**\*Honors Orchestra 8390 1 Credit**

Recommendation of Instructor

Students qualifying for honors level orchestra will fulfill all requirements for membership in the Symphonic Orchestra. In addition, these students will demonstrate the ability to perform in the Chamber Orchestra and create and/or perform chamber music individually through a (Class A) solo or ensemble such as a duet, trio, or quartet at the district solo-ensemble festival or in a recital program. Students will also demonstrate a thorough knowledge of the music theory and history involved in the music being studied or performed.

**Freshman Chorus 8400 1 Credit**

This course is open to all ninth grade students who wish to sing in a chorus. It gives emphasis to the enjoyment of singing choral literature from a variety of musical styles. It endeavors to develop attributes that make a person a productive member of any choral group: good rehearsal habits, proper vocal technique, music literacy, musical and personal maturity, and most importantly, an enhanced appreciation of music. Attendance at all rehearsals and concerts is required. This course will prepare students for more advanced choral music study.

**Sophomore Core Chorus 8410 1 Credit**

**Junior Core Chorus 8420 1 Credit**

**Senior Core Chorus 8430 1 Credit**

The structure of the sophomore-junior-senior core choirs will be determined by the number of students electing chorus and the balance between men and women. The instructors assign students to the various core choruses once they have auditioned for placement. Core choirs for the high schools are:

East: Varsity Men's Chorus (for men)  
Chamber Choir (for women)  
North: Varsity Men's Chorus (for men)  
Varsity Women's Choir (for women)  
West: Kantorei  
Prime Voce

**\*Honors Chorus 8490 1 Credit**

Students with a high level of interest and commitment have the option of participating in the honors choirs. Students are required to participate in the core choirs to be eligible for the honors choirs. They will be scheduled for a two hour block (including lunch), allowing 7.5 periods per week in a choral rehearsal. Honors choirs for the high schools are:

East: Easterners  
North: North Choir  
West: West Company  
Concerti Singers  
Maennerchor (for men)  
Vocal Artists

# Personal Financial Management

**Personal Financial Management** .5 Credit 6300

Junior/Senior [Required]

This course develops an understanding of finances, money management, diversity of investments, use of credit, and educates students to become better consumers and achieve personal lifestyle goals.

**Introduction to Economics** .5 Credit 3450

Economic reasoning is at the core of most of the decisions we make. This course is designed to illustrate the economic principles that will prepare students to make sound economic decisions. In addition to learning economic concepts, students in this course are expected to apply, analyze, and evaluate the effectiveness of these concepts over a range of settings. Personal financial literacy in the global economy is the ultimate goal of this course.

*Successful completion of this course fulfills the .5 credit Personal Financial Management graduation requirement.*

**CAPP Personal Finance** .5 Credit 6320

The primary learning objectives of CAPP Personal Finance are to help students develop an understanding of important financial decisions typically encountered throughout adult life, and aid in the development of analytical techniques necessary to make sound financial decisions. Students will have the option to take this course for 3 UW-Oshkosh college credits.

The science department offers a range of courses designed to provide opportunities for all students and to prepare students to meet various educational goals. Although students may, in consultation with parents, teachers and counselors, design course sequences to meet their individual needs, on the next page is the sequence the science department feels will provide the student with the best chance of success. These sequences represent a progression in academic expectations and/or provide students with diversity in their science program.

## Science

### Physical and Earth Science 4000 1 Credit

This is a general science course with an emphasis on the integration of physical science and earth science. The course will provide students the opportunity to discover major science concepts while developing critical thinking skills. Laboratory work will be an integral part of this course. Students will explore many of the fascinating and exciting aspects of science that allow them to gain knowledge useful to functioning as a citizen in our technological world.

### \*Biophysical Science 4050 1 Credit

Prerequisite: Algebra  
This course presents and integrates Physical Science and Biology concepts. Biophysical Science has .5 biology credit and .5 physical science credit. This intense, fast-paced course will provide a foundation in both biology and physical science. (Information about entry-level skills can be obtained by contacting the course instructor.)

### Life Science 4100 1 Credit

Prerequisite: Physical and Earth Science  
This fundamental course surveys general concepts in life science without going into great depth. The course emphasizes how life science applies to everyday life. Laboratory work reinforces course content and encourages the development of observation and critical thinking skills. Study and reading skills are emphasized and enhanced.

### Biology 4110 1 Credit

Prerequisite: Physical and Earth Science  
This is a comprehensive biology course that relies on laboratory investigations and inquiry discussion to help the student develop critical thinking skills. The course is based on selected

themes that point out important biological principles, emphasizing cellular biology, structural biology, genetics and human impact on the biosphere.

### \*AP Biology 4180 1 Credit

Prerequisite: Biology or Biophysical Science; General Chemistry 4190 or Chemistry 4200  
This is a second-year course designed to be the equivalent of the introductory general biology and biology lab class taken at the college level. A strong laboratory component provides students with opportunities to experience advanced lab techniques, and to develop strong critical thinking skills. Course topics include biochemistry, cellular biology, genetics/ biotechnology, evolution, taxonomy, and anatomy and physiology. This course will prepare students for the Advanced Placement Biology test.

### General Chemistry 4190 1 Credit

Prerequisite: Algebra  
General Chemistry uses laboratory activities and projects to introduce topics including but not limited to: atoms, bonding, chemical equations, changes in energy, gases, solutions, acids and bases, chemistry issues in society, and environmental chemistry. A basic understanding of algebra, including graphing and solving equations, will be needed. The focus of the course is on development of basic chemical concepts that are important for making informed decisions as a citizen. Chemistry 4200 provides the student with a basic knowledge of chemistry concepts that may lead to more introductory courses in chemistry after high school. Students who plan to take AP Chemistry should strongly consider taking Chemistry 4200.

### Chemistry 4200 1 Credit

Prerequisite: Physical and Earth Science or Biophysical Science; Biology  
Advanced Algebra Co-requisite  
Chemistry is the study of matter and its interactions. The analytical laboratory is used extensively as a starting point for topics including but not limited to: atomic theory, bonding theory, chemical equations, measuring and calculating changes in matter, energy, gases, solutions, and acids and bases. A solid understanding of algebra, including graphing, solving equations, and the log function, is needed and will be used daily in laboratory and coursework. Chemistry 4200 provides the student with a knowledge and understanding of chemistry for students who may be pursuing a post-high school education in mathematics and/or science-related careers. It is strongly recommended that students who plan to take AP Chemistry take Chemistry 4200.

### \*AP Chemistry 4250 1 Credit

Prerequisite: Chemistry 4200; Algebra 2 or Adv. Algebra  
This second-year chemistry course is the equivalent of college general chemistry. AP Chemistry provides the student an opportunity to develop their ability to think scientifically and to express their ideas, orally and in writing, with clarity and logic. A strong emphasis is placed on lab work, chemical calculations, and the mathematical formulation of principles. Concepts addressed in this course include structure of matter (atomic theory and structure, bonding), states of matter (solids, liquids, gases, and solutions), reactions (types, stoichiometry, equilibrium, kinetics, and thermodynamics), and descriptive chemistry. This course will prepare students for the Advanced Placement Chemistry exam.

## COURSE OPTIONS

### 9th Grade:

**Physical and Earth Science**  
4000

**\*Bio-Physical Science**  
4500

### 10th Grade:

**Life Science 4100**

**Biology 4110**

### Elective Courses

- **General Chemistry 4190**
- **Chemistry 4200**
- **Environmental Science 4340**
- **Physics 4550**
- **\*AP Physics 1: Alg Based 4560**
- **Anatomy & Physiology 4601**
- **Applied Genetics 4602**
- **Meteorology 4603**
- **Astronomy 4604**
- **Oceanography 4605**
- **Geology 4606**
- **\*AP Biology 4180**
- **\*AP Chemistry 4250**

### \*Bio-Physical Science Students

Students need to take one additional class in each category below for graduation.

### Life Science: 1 credit from:

Environmental Science or \*AP Biology

### Physical Science: 1 credit from:

Chemistry, Physics or \*AP Physics B

### Environmental Science 4340 1 Credit

Prerequisite: Physical and Earth Science and Biology or Life Science; or Biophysical Science

This laboratory science course will provide students the knowledge and skills needed to analyze and evaluate major environmental issues facing human society. Students gain an understanding of ecology, population biology and natural resources. Integrating biology, chemistry and earth science, students investigate the complex interrelationships of our natural world. With this background, students will examine environmental problems such as rain forest destruction, global warming, ozone destruction and pollution that result from human activities.

### Physics 4550 1 Credit

Prerequisite: Physical and Earth Science or Biophysical Science; Algebra 2 or concurrent with Advanced Algebra; *Freshman need TAG recommendation.*

Students will increase their critical thinking and problem solving skills through an exciting hands-on in-depth study of mechanics (motion, force, momentum, energy, circular and periodic motion). Additional topics may include: waves, sound, optics, light, electrostatics, electricity, electromagnetism, fluids, atomic, nuclear or modern physics. Students will participate in many labs involving design, data collection, organization, analysis, discussion and applied mathematics. Physics 4550 prepares students for first semester college Physics and A.P. Physics.

### \*AP Physics 1: Algebra Based 4560 1 Credit

Prerequisite: Advanced Algebra and Physical and Earth Science or Biophysical Science

This course is the equivalent to a first-semester college course in algebra-based physics. The course covers Newtonian mechanics (including rotational dynamics and angular momentum); work, energy, and power; mechanical waves and sound. It will also introduce electric circuits.

### Anatomy and Physiology 4601 .5 Credit

Prerequisite: Life Science, Biology, \*Biophysical Science, or equivalent  
Basic concepts of human anatomy and physiology will be explored in this health (life) sciences-focused course. Using a systems approach, students will learn about the interrelationships between structure and function of the body.

### Applied Genetics 4602 .5 Credit

Prerequisite: Life Science, Biology, \*Biophysical Science, or equivalent  
Classical and molecular genetics form the basis of this lab-based life science course. Students will learn about biotechnology, evolution, and forensics.

### Meteorology 4603 .5 Credit

Prerequisite: Physical and Earth Science, \*Biophysical Science, or equivalent  
This lab-based, physical science course introduces the atmospheric physical processes important to understanding climate, weather, and forecasting for the earth's surface. Students will observe, record, analyze, and discuss meteorological phenomena. Students will additionally learn of sources for weather data, weather analysis tools, and important scientific and social application of meteorological information.

**Astronomy 4604 .5 Credit**

Prerequisite: Physical and Earth Science, \*Biophysical Science, or equivalent

In astronomy, students will study characteristics and life cycles of stars, formation of the solar system, comparison of planets, orientation and placement of the Earth in the Milky Way galaxy, formation of galaxies, and theories about the formation of the universe. This is a lab-based physical science course. Successful completion of algebra is strongly recommended.

**Oceanography 4605 .5 Elective**

Prerequisite: Physical and Earth Science, Biophysical Science, or equivalent

The fundamental principles of ocean science studied in this course will include plate tectonics and the ocean floor, ocean circulation, wave and water dynamics, ocean tides, coastal and deep water processes and marine life and marine environment.

**Geology 4606 .5 Elective**

Prerequisite: Physical and Earth Science, Biophysical Science, or equivalent

This study of the structure of the earth and its history will include hands-on experiences viewing and examining minerals, rocks, fossils, and topographic maps. Students will also study geological history of the earth, plate tectonics and forces that alter the earth's surface.

**Food Science 6201 .5 F/CE Elective  
.5 Science Elective**

Prerequisite: Physical and Earth Science or BioPhysical Science

Co-requisite: Biology or Life Science

This course gives students a hands-on, lab-based, experimental background in basic food science as it relates to aspects of the food industry. Emphasis will be on the relationships among food science, food preparation, and consumers' concerns about nutritional quality. Students will relate their learnings to positions in test kitchens, food product formulation, recipe development, food promotion, and consumer services.

*There will be a \$20 cost for materials and food items required for food labs.*

**Required courses for graduation:**

**One credit of Civics**  
**One credit of World Studies**  
**One credit of U.S. History**

**Suggested Schedule for Social Studies:**

**9<sup>th</sup> grade: Civics**

**10<sup>th</sup> grade: World Studies (select one)**

- **Contemporary World Studies**
- **World History**
- **Humanities**
- **AP World History**

**11<sup>th</sup> grade: U.S. History (select one)**

- **United States History**
- **American Studies (American Lit. & Comp./U.S. History)**
- **AP United States History**
- **AP American Studies (\*AP Eng. Lang. & Comp./\*AP United States History)**

# Social Studies

## Freshman

**Requirement: One credit of Civics**

**Civics 3000 1 Credit**  
Civics will allow students to investigate and explore the workings of our democratic society. Content will include the structure of government, the electoral process and personal economics. Students also will analyze historical documents, examine the influence of media, economics and group process in a democratic society, interpret current events, explore the value of diversity in U.S. society and explore individual rights and responsibilities of U.S. citizenship. The course includes study skills, research techniques, data interpretation, and problem solving and communication skills.

## Sophomore Options

**Requirement: One credit of World Studies**  
**Select one of the following courses:**

**\*AP World History 3150 1 Credit**  
The course will prepare students to work with college level material analyzing historical evidence and developing the ability to express historical understanding in writing. The focus of the course will include African, Asian, European, and Latin American history. Major topics include: Ancient Civilizations, The Middle Ages, The Renaissance, The Industrial Age, The Age of Imperialism, and the Modern World. Students will engage in active questioning and the construction and communication of arguments.

**World History 3170 1 Credit**  
The study of world history will provide students with an understanding of the development of cultures and nations over the expanse of time. This course will not only focus on the development of the past, but include how these developments helped in the shaping of the world today. Units in this course will cover the areas of Africa, Asia, Latin America, as well as Western Civilization from ancient times to the present.

**\*Humanities 3500 1 Credit**

This course focuses on interdisciplinary study of the development of world culture through historical background, literature, and the arts from selected major historical periods. Using the premise that cultural creations (whether in literature, art, or music) normally reflect the prevailing religious and philosophical beliefs of the period, students will engage in active questioning and analysis and will be trained to detect similarities between artistic styles and general historical trends and time periods. Students will construct and communicate arguments through the study of literature and informational text as well as examine, analyze, and interpret the artistic style paintings, sculpture, architecture, and music of the periods studied.

**Contemporary World Studies 3520 1 Credit**

Students will explore the physical, historical, economic, demographic, and political aspects of our contemporary world, emphasizing how cultural geography and cultural issues are reshaping our world. Students will develop a thorough understanding of the issues in the world today and will investigate and analyze world news events as they occur.

**Electives**

(These are recommended for juniors/seniors and sophomores with instructor approval.)

Behavioral Science Electives

- Anthropology
- Psychology 1
- Psychology 2
- AP Psychology
- Social Problems
- Sociology

Economics Electives

- Introduction to Economics
- AP Microeconomics
- AP Macroeconomics

History Electives

- AP Art History
- Japanese Heritage and Culture
- Military History
- U.S. History since 1945

Political Science Electives

- AP Gov. and Politics: U.S. and Comparative
- U.S. Constitutional Law

**Junior Options**

**Requirement: One credit of a United States History course**

**Select one of the following courses:**

**American Studies (American Literature and Composition/ United States History) 3030**  
**1 Credit Social Studies/ 1 Credit English Language Arts**

American Studies is a two-credit course integrating American Literature and Composition with United States (U.S.) History. It examines both great events and important themes in American history and literature. The course cultivates an understanding of the connections between the economic, political, social, cultural, and intellectual development of the U.S. in the continuing creation of U.S. culture. The course engages students in becoming analytical readers of text written in a variety of periods, disciplines, and contexts, and in becoming skilled writers.

**\*AP United States History 3050 1 Credit**  
 This course provides a sophisticated look at America’s history and the strategies of historiography. Students will develop their skills in studying and writing about our nation’s history. Historical issues are examined in depth, using primary source materials. Students are expected to prepare papers and presentations regarding significant dimensions of our nation’s development and ongoing change. Students will explore how an individual contributes to, and is affected by, the actions of others. The course is designed to assist students in preparing for the Advanced Placement History tests.

**\*AP American Studies [\*AP English Language and Composition/\*AP United States History]**

**3060**

**1 Credit Social Studies/ 1 Credit English Language Arts**

This is a two-credit course integrating Advanced Placement United States History with AP English Language and Composition, with an emphasis on American authors. The major goal of this course is to cultivate an understanding of the connections between the economic, political, social, cultural, and intellectual development of the U.S. in the continuing creation of U.S. culture. The course engages students in becoming skilled readers of prose written in a variety of periods, disciplines, and rhetorical contexts, and in becoming skilled analytical writers. This course prepares students for both the AP United States History exam and the AP English Language and Composition exam.

**United States History 3070 1 Credit**

This course provides a close look at America's history and the nation's development and ongoing change. Students will develop their skills in studying and writing about our nation's history. Historical issues will be examined using primary source materials and students will explore how an individual contributes to, and is affected by, the actions of others.

**Junior/Senior Electives**

**\*Psychology 1 3300 .5 Credit**

*FVTC Advanced Standing (pending approval)*

This rigorous course is designed to give students the background information necessary for an understanding of their behavior and the behavior of others. The student will learn different psychological methods and will survey the essentials of psychology, including the topics of: Cognition, States of Consciousness, Research Methods, Brain and Behavior, Learning and Conditioning, and Abnormal Psychology. *(Note: Students may not take this course if they have taken or plan to take AP Psychology.)*

**\*Psychology 2 3310 .5 Credit**

This rigorous course is designed to give students the background information necessary for an understanding of their behavior and the behavior of others. The student will learn different psychological methods and will survey the essentials of psychology, including the topics of: Social Psychology, Sensation and Perception, Health, Stress and Coping, Development, Personality and Testing, and Treatment of Psychological Disorders.

**\*AP Psychology 3320 1 Credit**

*FVTC Advanced Standing (pending approval)*

The purpose of this course is to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students will be exposed to the psychological facts, principles, and phenomena associated with each of the subfields of psychology. Students will also learn about the methods psychologists use in their science and practice. The aim of this course is to provide the student with a learning experience equivalent to that obtained in most college introductory psychology courses.

**\*Sociology 3350 .5 Credit**

*FVTC Advanced Standing (pending approval)*

This rigorous one-semester course will provide an introduction to the science of group behavior and will focus on the study of the interaction that takes place between the individual and society. Students will learn about how their behavior is affected by culture, family, peers, and social class. Topics of study will include childhood, adolescence, families, culture, social control, deviant behavior, social class and sociological research. A major goal of this course is to establish a self-motivating desire to appreciate and understand human behavior and to prepare the student for possible future studies of sociology.

**\*AP Government and Politics: U.S. and Comparative 3400 1 Credit**

A thorough understanding of the history, philosophy, and reality of American Government is crucial to our role as a citizen. Students will use the study of American Government to strengthen their understanding of six major political systems in the World as they study Comparative Politics. This course is designed to provide students the background and information to make informed political decisions as well as to understand the decision making process of other nations in the world. The focus on both American and Comparative Government is aligned with the AP program and will form the basis of a strong political science foundation.

**Introduction to Economics 3450 .5 Credit**

Economic reasoning is at the core of most of the decisions we make. This course is designed to illustrate the economic principles that will prepare students to make sound economic decisions. In addition to learning economic concepts, students in this course are expected to apply, analyze, and evaluate the effectiveness of these concepts over a range of settings. Personal financial literacy in the global economy is the ultimate goal of this course.

*Successful completion of this course fulfills the .5 credit Personal Financial Management graduation requirement.*

**\*AP Microeconomics 3460 .5 Credit**

Economics is the study of choice under conditions of scarcity. This one-semester course will focus on a close up view of the economy, called micro-economics. Economic concepts and theories will be concerned with preparing students for the advanced placement examination. The course looks at the choices individuals make and how these choices interact with each other. Issues related to supply and demand as well as the role of government and taxation will be among topics covered. Guest speakers, field trips, and simulations will accompany class presentations and discussions. This course is a prerequisite for the AP macroeconomics course.

**\*AP Macroeconomics 3465 .5 Credit**

The one-semester course in AP Macroeconomics is designed to provide a thorough understanding of the principles of economics that apply to an economic system as a whole. Such a course places particular emphasis on the study of national income and price determination and also develops familiarity with economic performance measures, economic growth, and international economics. Economic concepts and theories will be concerned with preparing students for the Advanced Placement examination.

**\*AP Art History 3490 1 Credit**

Prerequisite: 1 Credit World History or 1 Credit Humanities

This is a rigorous course which covers the visual arts of painting, sculpture, photography, and architecture. Both Western and non-Western styles will be covered, from prehistoric time to the present. Students will engage in active questioning and analysis of styles and trends. Students will develop a working vocabulary in art history, critique artistic concepts, and develop a visual literacy. Evaluation of students will be based on both objective and essay exams. Outside reading will be encouraged for those who plan to take the AP Art History exam.

**Social Problems 3510 1 Credit**

Social Problems is designed to help high school students evaluate pertinent societal problems they have confronted or are likely to confront. Because these problems change and new issues emerge, so do the problems studied. Examples of the issues studied are alcohol and other drug abuse, family, environment, population, racism, sexism, and current events. Books, outside readings, videos, guest speakers, class discussions, and written essays are utilized in this course. Due to the nature of the subject matter, books on the reading list may contain adult language or situations.

**Anthropology 3700 .5 Credit**

This one-semester course is an introduction to the study of human life and its development. The course will analyze the development of culture, biology, and behavior of human beings. Primitive humans and societies will be investigated. Students will also learn about the purposes and processes of archeological digs.

**Military History 3830 .5 Credit**

This one-semester course studies American military history from the arrival of the Europeans on the North American continent to the present. Students will analyze how changes in technology have influenced changes in military methods, tactics, and strategic thinking, as well as the influence that military history has had on social life. The people and the personalities who are associated with Military History will be analyzed. Study will include military terms, principles, military propaganda, strategies, campaigns, as well as various theories concerning causes of war and peacemaking.

**U.S. History Since 1945 3845 .5 Credit**

Using a multimedia approach, this course revisits post-World War II society. Included in the course are explorations of American popular culture (art, music, entertainment, sports, etc.), social movements (Civil Rights, women's rights, environmental protection movement, immigration changes, etc.), political controversies (McCarthyism, the Kennedy assassination, Watergate, Iran-Contra, Clinton's impeachment, etc.) technological impacts (the Space Program, computers, etc.), and American's military and diplomatic responses to world crises. These units of study will reflect the changes in American society as it adjusts to its world leadership role.

**U.S. Constitutional Law 3850 .5 Credit**

This course will present the student with a general picture of the growth and development of the American Constitutional System. The course material will emphasize the role of the Supreme Court as social engineers as they decided landmark court cases that shaped the rights of United States citizens. These landmark decisions will be used to follow various themes and their evolution throughout history.

**Japanese Heritage and Culture 3900 .5 Credit**

Students interested in careers requiring a multi-national background would benefit from this course. Students will obtain knowledge of Japanese culture and how this culture has influenced Japanese history including its remarkable 20th Century economic growth. Some of the topics to be covered include a general introduction to Oriental culture, the idea of "face", background and influence of the Buddhist and Shinto religions, historical and cultural periods of Japanese history and the current Japanese position in the world. Students will study cultural differences and Japanese literature and arts.

# Special Education

## Students With Disabilities – LD

*PLEASE NOTE: Not all courses are offered every semester at every high school. Talk with your Special Education teacher or school counselor for further information.*

### **Resource A.S.A. 0509**

This course will assist students with study skills and provide support for content area coursework.

### **Transitional Language Arts 0510 1 Credit**

Freshman

This course will emphasize basic communication skills, self-advocacy, problem solving, critical thinking and study skills. Also, students will be provided with an introduction to career exploration.

### **Transitional Language Arts 0511 1 Credit**

Sophomore

Transitional preparation is a focus of this individualized class. Areas to be covered include basic oral and written language skills, self-advocacy, study skills, career exploration, vocational planning and assessment, problem solving and critical thinking skills.

### **Transitional Language Arts 0512 1 Credit**

Junior

Transitional preparation is a focus of this individualized class. Emphasis will be on improving oral and written language skills, self-advocacy, study skills, career exploration, vocational planning and assessment, problem solving and critical thinking skills.

### **Transitional Language Arts 0513 1 Credit**

Senior

Transitional preparation is a focus of this individualized class with emphasis on post-high school planning and daily adult living skills. Other areas to be covered include oral and written communication skills, self-advocacy, problem solving and critical thinking.

### **Linguistics Class 0514 1 Credit**

This course is designed to improve basic reading and written communication skills for students who are in need of intensive reading instruction. Various strategies will be used to increase work recognition, vocabulary skills and comprehension. Student eligibility will be determined through the IEP and instructor's approval.

### **American History 0532 1 Credit**

This course is designed to provide students with an overview of our nation's history. The focus is placed on historical events and people who have helped to shape our nation. Emphasis will also be placed on contemporary problems and how they relate to our American past.

### **Contemporary World Studies 0533 1 Credit**

This course is designed to explore the lifestyles and customs of people in many parts of the world through the study of their economy, geography, political systems, and social institutions. Emphasis will also be placed on contemporary world problems and how they relate to the United States.

### **Civics 0535 1 Credit**

This course is designed to provide students with an overview of the workings of our democratic society. The focus will be placed on the three branches of our Federal government, the three levels of government, and the rights and responsibilities of citizenship.

### **Health 0540 .5 Credit**

This course will meet the .5 credit health requirement for graduation. Topics covered will include personal health, nutrition, mental and emotional health, prevention and control of disease, substance use and abuse, consumer health and family life education.

### **Individualized Learning Study Skills 0550 .5 Credit**

This course will emphasize organizational and self-advocacy skills, notetaking and outlining. Dictionary and library skills will be reviewed. Students will further develop

oral questioning techniques, test-taking strategies and skills in using classroom texts. Other units covered will include using charts, graphs, schedules and maps, time management and post-high school goal setting.

### **Algebra 1A 0595 1 Credit**

This course will study some of the major algebra readiness topics. Heavy emphasis will be placed on building number sense, including work with integers, fractions, and decimals. Students will also spend considerable time working with algebraic symbols and properties, writing and evaluating mathematical expressions, and solving problems through multiple representations (including tables and graphs). Students who successfully complete Algebra 1A can enroll in either 9000B Algebra 1B or 0596 Algebra 1B.

### **Algebra 1B 0596 1 Credit**

This course will study some of the major algebra readiness topics as a continuation to Algebra 1A. Emphasis will be placed on algebraic symbols and properties, mathematical expressions and statements, functions and graphs, and real-world applications. Students who successfully complete Algebra 1A and Algebra 1B can enroll in 0597 Geometry or 0598 Math Topics.

### **Geometry 0597 1 Credit**

This course will study some of the major geometry topics but is not a complete geometry course. Various geometric shapes and their properties will be explored with an emphasis on using geometric models to solve real world problems. Students will also learn to present convincing arguments through a variety of logical means.

### **Math Topics 0598 1 Credit** (See next page)

**Students With Disabilities – LD (*continued*)****Math Topics 0598 1 Credit**

This course provides a survey of relevant mathematical topics. Realistic problems will be solved using mathematical modeling, the selection of appropriate tools, and mathematical perseverance. Problems are approached arithmetically, investigated geometrically with graphic representation, and represented by the writing and solving of equations. Upon completion, students should be able to solve practical problems, reason and communicate with mathematics, and work confidently, collaboratively, and independently.

**Personal Financial Management 0633 .5 Credit**

Junior/Senior required

This course develops an understanding of money management techniques, finances, risk and diversity of investments, and educates students to become better consumers and achieve personal lifestyle objectives.

**Students With Disabilities – EBD**

*PLEASE NOTE: Not all courses are offered every semester at every high school. Talk with your Special Education teacher or school counselor for further information.*

**Resource Skills 0609 1 Credit**

This course is designed for those students who will work individually on assigned academic coursework. Emphasis is placed on organizational skills, appropriate self-expression and improving one's self-concept.

**English 1 0610 1 Credit**

Freshman

Language skills used in daily living is the focus of this individualized class. Emphasis will be on developing vocabulary, oral and written language skills, improving reading comprehension and exploring career options. Computer and library utilization skills will also be taught.

**English 2 0611 1 Credit**

Sophomore

Language skills used in daily living is the focus of this individualized class. Emphasis will be on developing vocabulary, oral and written language skills, improving reading comprehension, and exploring career options. Computer and library skills will be used.

**English 3 0612 1 Credit**

Junior

Language skills used in daily living is the focus of this individualized class. Emphasis will be on using developed vocabulary, oral and written language, exploring career options and reading and discussing various novels.

**English 4 0613 1 Credit**

Senior

Language skills used in independent living situations are the focus of this individualized class. Emphasis will be placed on decision making skills, life choices, career choices and oral and written language skills used in the work place.

**Skills Training 0614 .5 Credit**

This course will assist students in the development of the intrapersonal and interpersonal skills that are necessary for developing positive relationships and problem solving. Student eligibility will be determined through the IEP.

**Social Studies 1 0630 1 Credit**

This course is designed to expose students to current events and Wisconsin law and their direct and indirect effects upon the students. Students will also investigate and explore the workings of their democratic society.

**Social Studies 2 0631 1 Credit**

This course will explore the lifestyles of people in many parts of our world. Contemporary issues will be examined and discussed as well as an understanding of the physical and demographic aspects of geography.

**Social Studies 3 0632 1 Credit**

This course provides an overview of the basic components of our nation's history. Emphasis is placed on examining and discussing important people and events that helped developed the nation.

**Personal Financial Management 0633 .5 Credit**

Junior/Senior required

This course develops an understanding of money management techniques, finances, risk and diversity of investments, and educates students to become better consumers and achieve personal lifestyle objectives.

**General Science 1 0640 1 Credit**

This course will emphasize practical applications of science to an ever-increasing technological society. It helps make students aware of some of the ways in which science and technology influence their daily lives and future careers. It covers the basic concepts of physical science, space, earth science, and life science.

**General Science 2 0641 1 Credit**

This course integrates science skills, problem solving skills and study skills using an active learning approach. It focuses on the use of technology and its impact on society.

## Students With Disabilities – EBD (*continued*)

### Algebra 1A 0595 1 Credit

This course will study some of the major algebra readiness topics. Heavy emphasis will be placed on building number sense, including work with integers, fractions, and decimals. Students will also spend considerable time working with algebraic symbols and properties, writing and evaluating mathematical expressions, and solving problems through multiple representations (including tables and graphs). Students who successfully complete Algebra 1A can enroll in either 9000B Algebra 1B or 0596 Algebra 1B.

### Algebra 1B 0596 1 Credit

This course will study some of the major algebra readiness topics as a continuation to Algebra 1A. Emphasis will be placed on algebraic symbols and properties, mathematical expressions and statements, functions and graphs, and real-world applications. Students who successfully complete Algebra 1A and Algebra 1B can enroll in 0597 Geometry or 0598 Math Topics.

### Geometry 0597 1 Credit

This course will study some of the major geometry topics but is not a complete geometry course. Various geometric shapes and their properties will be explored with an emphasis on using geometric models to solve real world problems. Students will also learn to present convincing arguments through a variety of logical means.

### Math Topics 0598 1 Credit

This course provides a survey of relevant mathematical topics. Realistic problems will be solved using mathematical modeling, the selection of appropriate tools, and mathematical perseverance. Problems are approached arithmetically, investigated geometrically with graphic representation, and represented by the writing and solving of equations. Upon completion, students should be able to solve practical problems, reason and communicate with mathematics, and work confidently, collaboratively, and independently.

## Students With Disabilities – ID

*PLEASE NOTE: Not all courses are offered every semester at every high school. Talk with your Special Education teacher or school counselor for further information.*

### Adaptive Physical Education 0060

Students learn to transfer physical education learning into habits of lifetime sports, dance, and aquatics. This includes becoming acquainted with community resources and expanding repertoire of skills for individual and group games, sports, dance, and aquatic activities.

### English Language Arts 0710, 0711, 0712, 0713 1 Credit

This course is designed to develop and maintain basic skills in the area of communication arts as they relate to independent living and employability. Students will learn functional life/career reading, spelling, writing, listening, and speaking skills.

### Social Studies 0730 1 Credit

Some American history is covered. Primarily, preparing for the world of work is studied, as well as current events.

### Social Studies 0731 1 Credit

This course deals with increasing citizenship, daily living and employability skills and current events.

### Social Studies 0732 1 Credit

Students study current events and social problems as well as enhancing previously covered skills.

### Science 0740 1 Credit

This course develops a functional understanding of the sciences as they relate to everyday life. The practical aspects of human biology and physical and environmental sciences are explored through media presentations, lab experiments, and class discussions.

### Health 0745 .5 Credit

This course is designed to assist students in developing proper grooming habits, healthy eating habits, basic first aid, and health living styles. The program and materials will be presented in a functional, hands-on approach.

### Keyboarding 0750 .5 Credit

Keyboarding is stressed through use of a personal computer. Students will advance at their own pace on an individualized keyboarding program in order to become familiar with the keyboard layout, basic entries, and basic letter/report writing.

### Fine Arts 0780 1 Credit

This course is designed for students who could not fulfill their regular fine arts credit. It is designed to work individually with students within the area of fine arts.

### Functional Math Applications 0790 1 Credit

Course emphasizes development of math concepts in the areas of number operations and relationships, geometry, measurement, statistics and problem-solving. The general education curriculum is extended to focus on common core essential elements with functional skills, such as banking and budgeting embedded.

### Community Work Experience 0795 1 Credit

This course introduces students to the world of work. Students will develop and explore interests, strengths, and career opportunities within community businesses. Students will practice job searches, interviewing, job retention skills, vocabulary, and the development of interpersonal relationships within the world of work.

### Life Skills Training 6600 1 Credit

Students learn basic shopping, cooking, clothing selection, career and housekeeping skills, basic sewing techniques, and relationships used in daily living or leisure. Assistance is provided through regular student tutors. Students will learn basic functional living skills in a community-based apartment or home.

## Students with Disabilities - Deaf/Hard of Hearing

*PLEASE NOTE: Not all courses are offered every semester at every high school. Talk with your Special Education teacher or school counselor for further information.*

### Deaf/Hard of Hearing Support 0800 1 Credit

This course is designed for students to work individually on assigned academic coursework or related to their current Individualized Education Plan. Remedial or direct instruction will be provided during the class

# Technology & Engineering

## **\*Computer Maintenance and Repair 7030 1 Credit**

*FVTC Transcribed Credit (pending approval)*

Freshman/Sophomore/Junior/Senior

Formally known as A+ Computer Certification, this course will provide you with a strong foundation of how a computer works. Topics covered include hardware, software, networking, and troubleshooting. This course will prepare students to be knowledgeable consumers and technological innovators. This course is designed for anyone who uses a computer and will help prepare the student for the A+ National Computer Servicing Certification Program. This course is transcribed with FVTC and gives students the opportunity to earn 1 credits.

## **Animation and Game Design 7100 .5 Credit**

Freshman/Sophomore/Junior/Senior

This course introduces the students to the world of game design and digital animation. Students will have the opportunity to design, develop and evaluate their own creations as well as current trends and techniques within the industry. Special attention will be brought to trends in digital media and the opportunities for entrepreneurial, post-secondary, and career paths.

## **\*Civil Engineering and Architecture 7120 1 Credit**

*Project Lead the Way course*

Freshman/Sophomore/Junior/Senior

College credit available through Milwaukee School of Engineering or the UW-System

Civil Engineering and Architecture is the study of the design and construction of residential and commercial building projects. The course includes an introduction to many of the varied factors involved in building design and construction including building components and systems, structural design, storm water management, site design, utilities and services, cost estimation, energy efficiency, and careers in the design and construction industry. The major focus of the CEA course is to expose students to the design and construction of residential and commercial building projects, design teams and teamwork, communication methods, engineering standards, and technical documentation.

## **\*Introduction to Engineering Design 7160 1 Credit**

*Project Lead the Way course*

College credit available through Milwaukee School of Engineering or the UW-System

Ever had an idea for a new product and wondered how you could communicate it to others? Have you wondered how someone designed that new MP3 player or smart phone? If so, IED is the course for you. The major focus of the course is learning how to take an idea through the design process to eventually be manufactured or produced. As you learn about different aspects of engineering design, you will apply what you learn through various activities, projects, and problems.

In addition, you will use Inventor, a state of the art 3-D design software package, to help you develop solutions to different design projects. Working in teams, you will learn about documenting your solutions, solving problems, and communicating your solutions to others.

## **\*Principles of Engineering 7180 1 Credit**

*Project Lead the Way course*

College credit available through Milwaukee School of Engineering or the UW-System

Principles of Engineering (POE) is a survey course of engineering that exposes students to a variety of engineering concepts encountered in college and beyond. POE gives students the opportunity to investigate engineering and high tech careers and develop skills and understanding of course concepts through activities, projects, and problems. Students will employ engineering and scientific concepts in the solution of engineering design problems, and develop problem-solving skills that apply their knowledge of research and design to create solutions to various challenges. Students will also learn how to document their work and communicate their solutions to their peers and members of the professional community.

## **Cabinet and Furniture Making 7360 1 Credit**

Freshman/Sophomore/Junior/Senior

This hands-on course is for students interested in making their cabinets and/or furniture. Working individually, or as part of a team, students will gain experience with cabinet and furniture materials, cost estimating, planning, machine safety, machining, joinery, assembly, and finishing. The use of high-tech materials and methods is presented in combination with more traditional processes.

*Student project costs will vary depending on student choice of materials and extent of the project.*

## **Introduction to Construction 7380 1 Credit**

Freshman/Sophomore/Junior/Senior

This course is designed as an introduction to construction technology. Areas emphasized will include safety, carpentry, electrical, plumbing, and concrete. Students will be learning and experiencing various construction techniques through a variety of projects and hands-on opportunities.

*Student project costs will vary depending on student choice of materials and extent of the project.*

**House Construction 7390 2 Credits**  
 Junior or Senior  
 Prerequisite: Introduction to Construction 7380, Cabinet and Furniture Making 7360 or Instructor Approval  
 Working individually, as well as a team, students will construct a residential home in partnership with the Appleton Housing Authority. Students are provided information and develop skills in the areas of site development, design, estimating and bidding, preparing and setting foundations, framing, utilities, interior and exterior finishing, and site completion. This hands-on course strongly resembles the pace and expectations of an actual construction crew.

**\*Small Engines & Transportation 7420 1 Credit**  
*FVTC Transcribed Credit (pending approval)*  
 Freshman/Sophomore/Junior/Senior  
 This course is designed for the student who wants to investigate basic power and transportation systems. The student will learn the proper and safe use of hand and power tools to efficiently repair, troubleshoot, and rebuild small engines. The course also covers how to properly use and read precision measuring tools to assist in making correct engine diagnoses and repairs. During the transportation units, the students will work in a lab seeing to explore the four areas of transporation. Students will perform experiments with transporation labs to help understand how each area affects their daily lives. Assignments and hands-on work activities will be experienced in both individual and team settings. This course is transcribed with FVTC and gives students the opportunity to earn 3 credits.  
*There will be a \$10 cost for materials required for labs.*

**Auto ABC's 7440 .5 Credit**  
 Junior/Senior  
*Course located at East and West but available to all AASD high school students.*  
 This course is designed to provide students with the knowledge to make economical decisions and take preventative measures to enhance the overall satisfaction of being an automotive consumer. Students will gain the knowledge and experience of owning and maintaining an

automobile.  
*There will be a \$10 cost for materials required for auto labs.*

**Auto Service 7441 .5 Credit**  
 Junior/Senior  
*Course located at East and West but available to all AASD high school students.*  
 This course is designed for anyone that will operate and maintain a vehicle. Students will learn automotive principles as they relate to basic automobile care, engine construction, engine systems and chassis. Classroom instruction as well as relevant hands-on learning experiences will take place while working on automobiles in our shop. This course gives the student an opportunity to explore various careers in the Transportation, Distribution and Logistics Career Cluster.  
*There will be a \$10 cost for materials required for auto labs.*

**\*Auto Mechanics 7460 2 Credits**  
 Senior  
*FVTC Transcribed credits obtained at AHS-East (pending approval)*  
*Course located at East but available to all AASD high school students.*  
 Prerequisite: Auto Service 7440 or Instructor Approval  
 This course is transcribed with FVTC Electrical Systems 1 and Brakes courses and will provide the students with 6 post-secondary credits. The Brakes segment provides the student with the skills and knowledge necessary to troubleshoot and service brake systems found on automobiles. The Electrical Systems covers the principles of operation, construction, diagnosis and repair of the automobiles' basic accessories, batteries, starting system and charging system. The students will use appropriate test equipment and industry-approved repair techniques for these systems. This course is transcribed with FVTC and gives students the opportunity to earn 8 credits.  
*There will be a \$20 cost for materials required for auto labs.*

**Machining 1 7520 .5 Credit**  
 Freshman/Sophomore/Junior/Senior  
*FVTC Transcribed Credit (pending approval)*  
*Course located at East and West but available to all AASD*

*high school students.*  
 Students will lay the ground work for incorporating common methods of precision measurement and conversions. Equipment used includes lathes, milling, machines, calipers micrometers and steel rules. Safe work habits, blueprint reading, and career opportunities are also components of the course. Students will incorporate 21st century skills and the use of strong work ethic as it relates to producing quality parts within specific tolerances. Students will design and fabricate products individually and as part of a team. This course is transcribed with FVTC and gives students the opportunity to earn 3 credits

**Machining 2 7521 1 Credit**  
 Freshman/Sophomore/Junior/Senior  
*Course located at East and West but available to all AASD high school students.*  
 Students will incorporate modern technology with traditional methods while producing products that will convert metal/plastic stock into products by machining material using traditional and CNC (computer numerical control) equipment. Equipment used includes lathes, milling, drilling, grinding and cutting machines. Safe work habits, blueprint reading, precision measurement, and career opportunities are also components of the course. Students will incorporate 21st century skills and the use of strong work ethic as it relates to producing quality parts within specific tolerances. Students will design and fabricate products individually and as part of a team. This course will build upon the skills taught in Machining 1 class.

**\*Welding and Metal Fabrication 7540 1 Credit**  
 Freshman/Sophomore/Junior/Senior  
*FVTC Transcribed Credit (pending approval)*  
*Course located at East and West but available to all AASD high school students.*  
 Students learn the basics in welding (Arc, Mig, Tig, Flux-Core and Oxy-Acetylene) and metal fabrication (sheet metal and heavy metals). Safe work habits, blueprint reading and career opportunities are also components of the course. Students will learn problem solving skills and the importance a strong work ethic as it relates to today's workforce. Students will incorporate modern technology  
*(Continued)*

with traditional methods to produce metal products. Students will design and fabricate products individually and as part of a team. This course is transcribed with FVTC and gives students the opportunity to earn 3 credits.  
*A \$15 charge for materials required on projects retained by the student.*

**\*Digital Electronics 7720 1 Credit**

*FVTC Transcribed Credit (pending approval)*  
 Freshman/Sophomore/Junior/Senior  
*Project Lead the Way course*  
*FVTC Transcribed (Dual) Credit (pending approval)*  
*College credit available through Milwaukee School of Engineering or the UW-System*

Digital electronics is the study of electronic circuits that are used to process and control digital signals. The major focus of the DE course is to expose students to the design process of combinational and sequential logic design in an environment that fosters and encourages teamwork, communication, engineering standards, and technical documentation. Digital electronics is the foundation of all modern electronic devices such as smart phones, MP3 players, laptop computers, digital cameras, high-definition televisions, and so much more. This course is transcribed with FVTC and gives students the opportunity to earn 2 credits.

**Screen Printing 7830 .5 Credit**

Freshman/Sophomore/Junior/Senior  
 Screen printing addresses the production of student designs and computer graphics on various substrates. Substrates include t-shirts, posters, decals, and three-dimensional objects. Automated and manual screen printing systems will be emphasized.  
*There will be a \$6 cost for materials required for screen printing labs and projects retained by the student.*

**Media Design 7850 .5 Credit**

Freshman/Sophomore/Junior/Senior  
 Media has become an ever increasing part of our daily lives and students will explore its effects as they create a web portfolio. Students will focus on web, photo, and video formats to create audio/visual productions. Hands on experiences are designed to develop an awareness of technical skills needed to create quality media productions. Media careers will be explored and school productions will

be completed as feasible.  
*There will be a \$10 cost for materials required for photo labs and projects retained by the student.*

**Advanced Media Design 7860 .5 Credit**

Prerequisite: 7100, 7850 or Instructors Approval  
 Students will expand their knowledge and skills of multimedia and interactive technology. A wide variety of media choices will include: digital photography, 2/3D animation, game, web, and graphic design. Students will choose a focus within the Arts, A/V Technology & Communication career cluster to create projects that will enhance their career and post-secondary opportunities.  
*There will be a \$10 cost for materials required for photo labs and projects retained by the student.*

**Graphic Arts 7880 1 Credit**

*FVTC Advanced Standing (pending approval)*  
 In this course, knowledge is gained regarding image production and duplication as used in business and industry. Computers and traditional graphic arts equipment are used for desktop publishing, graphic design, and to produce printed materials. Students will create their own designs and use graphic imaging software. Assignments and independent work activities will be experienced in both individual and team settings.  
*There will be an \$8 cost for materials required for graphics labs and projects retained by the student.*

**Entrepreneurship 7890 1 Credit**

Senior  
 This is the capstone course for the Arts A/V Technology and Communication career cluster. This course is designed for students who have gone through an Arts A/V Technology and Communication course and want to explore their area of interest through business development. Students will work in teams to start a business by designing projects that are carefully planned, managed, and assessed to help students learn key academic content, practice 21st Century skills (such as collaboration, communication and critical thinking), and create high-quality, authentic products and presentations. Students will work as independently from the teacher as possible, and have varying degree of "voice and choice".

**Career and Technical Education Internship 9664 .5 Credit**

Senior  
 This related classroom instruction includes units on career decision making, selecting the appropriate post-secondary educational/training option, applying 21st century employment skills, problem solving on-the-job situations and tips on how to get the job you really want. The student must be employable and enrollment in 9664J is required.

**Career and Technical Education Internship Job 9664J 1 Credit**

Prerequisite: CTE Internship 9664  
 Senior  
 On-the-job training is offered for credit and pay with classroom instruction related to the student's training station. The student must be employable and enrollment in 9664 is required.  
*There is a cost to individual students for employer/employee appreciation events.*

**Youth Apprenticeship 9664YA 1 Credit/year**

Junior/Senior  
 Wisconsin's Youth Apprenticeship program is a part of a statewide School-to-Work initiative. It is designed for Juniors and Seniors who want hands on learning in an occupational area at a worksite along with classroom instruction. This one or two year elective program combines academic and technical instruction with mentored on-the-job learning. Minimum of 450 Paid Work Hours is Required.  
 Opportunities in: Architecture and Construction; Arts A/V Technology and Communications; Information Technology; Manufacturing; STEM (Science, Technology, Engineering, and Math); Transportation.  
 For specific information:  
<http://dwd.wisconsin.gov/youthapprenticeship>

# Theater

**Introduction to the Theater      1630      .5 Credit**

Students will explore the evolution of theater. The course includes the study of theater history, as well as play reading, acting, directing, make-up, costuming, lighting, and scene design. Students will have the opportunity to attend and critique dramatic productions.

**Acting      1640      .5 Credit**

Designed to aid students who are interested in performance. It covers such areas as script analysis, acting fundamentals, pantomime, characterization and improvisation. Emphasis is placed on performing and evaluating live theater.

**Theater Production      1650      1 Credit**

Designed for the student who is interested in an overview of technical theater. Through in-class lab hours and classroom instruction, the student will learn practical application of scenery construction, set design, make-up and theater management.

**Theater Seminar      1660      1 Credit**

Prerequisite: One previous theater course

For the theater student who is interested in advanced study of the theater as a communication process. Creative work in performance areas will be covered. Various independent projects will be assumed by the student.

## **WORLD LANGUAGES**

**The World Languages Department offers beginning through advanced level courses in French, German, and Spanish. Beginning level courses are offered in Latin.**

**Students who successfully complete a language program at the high school may take placement tests offered by the World Languages department of the college or university they plan to attend in order to receive placement in an upper level language course and/or college credit. More information concerning this opportunity is available from the World Languages teachers at each high school. (See next pages for sequence information.)**

**Students who have completed a language program through Odyssey, Magellan, Classical or an Appleton elementary school should verify course selection with their current language teacher.**

# **World Languages**

## **French**

### **French Beginning A** **Level 1                      2180                      1 Credit**

Learn to carry on conversations about yourself, your family and friends, school, and weekend activities in French. Compare your life to the life of a teenager in a French-speaking country. Learn about cities and countries around the world where more than 100 million people speak French. Explore the cities of Paris in France and Québec in Canada via video and the Internet. The course includes listening, speaking, reading and writing practice in French. School life, sports, free-time activities, family life, food, and the café are the major cultural topics in this course.

### **French Beginning B** **Level 2                      2190                      1 Credit**

Prerequisite: French 2180  
Increase your ability to communicate successfully in French by learning how to ask for and give advice, state your opinions, and tell stories about things that have happened to you and others. Compare your lifestyle to those of teenagers in the French-speaking world. Within France, explore the gothic cathedral at Chartres, the Renaissance chateaux in Touraine, the Roman ruins, Van Gogh's inspirations, and Paul Cezanne's workshop in Provence. Through video and the internet, learn what life is like on the islands of Martinique and Guadeloupe in the Caribbean. This course builds listening, speaking, reading, and writing skills in French. Fashion, making plans, mealtime, open-air markets, food, houses, school life, and daily routine are included as major cultural themes of the course.

### **French Intermediate** **Level 3                      2200                      1 Credit**

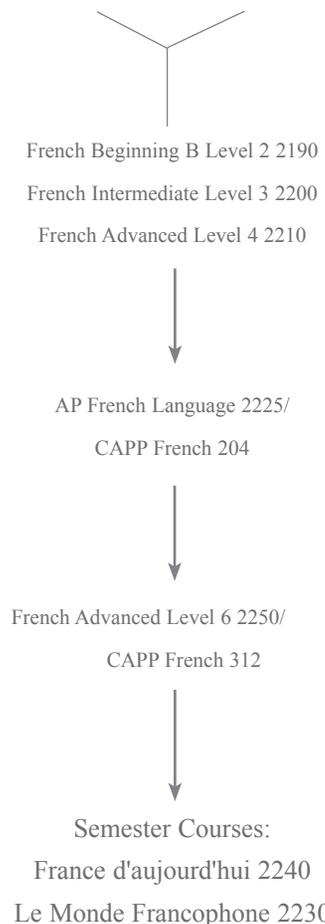
Prerequisite: French 2190  
Expand your ability to communicate successfully in French by discussing your past experiences and future plans including career choices; learn how to make suggestions and recommendations, agree and disagree with others, and express your emotions. Compare your music and movie preferences as well as holidays and celebrations in the U.S. to those in the French-speaking world. Compare traditional to contemporary life in Belgium, Switzerland, and Luxembourg via video and the internet. The course increases proficiency in listening, speaking, reading and writing in French. Regional specialties, environmental issues, healthy lifestyles, music and movies, and a German-occupied France are the major cultural topics in this course.

### **\*French Advanced** **Level 4                      2210                      1 Credit**

Prerequisite: French 2200  
Broaden your vocabulary and understanding of the French language while learning about the French-speaking world and its influences on today's world. Travel back in time to explore living in Versailles when Louis XIV was King. Follow French history from Versailles to the French Revolution and the arrival of Napoléon as ruler of France. French cinema and music, highlights from French history, and current events in the French-speaking world provide the basis for conversation and discussions in this course. You will read articles from French magazines and newspapers and Internet websites to keep you up-to-date on what is happening in the French-speaking world today. Selections from French literature will be featured reflecting a variety of authors and styles of writing. You will listen to a variety of French speakers discussing their perspectives on everyday life, movies, music, current events in the French-speaking world, and issues of global importance.

**COURSE SEQUENCE  
FRENCH**

Middle School High School  
Beginning A Beginning A  
Level 1 2170 Level 1 2180



**\*AP French Language /CAPP French 204  
2225**

**1 High School Credit/\*5 College Credits**  
Prerequisite: French 2210  
This Advanced Placement French Language/ Cooperative Academic Partnership Program French 248 finds out why the French consider cooking an art while comparing a typical meal in Paris to one in Dakar, Sénégal. Discuss what people do to relax, pursue hobbies, and spend time with friends. Take a virtual tour of the Louvre and the Musée d'Orsay to learn how artists expressed themselves through painting and sculpture. Plan for your future, discussing possible career paths, and the importance of education. Then look at contemporary society and its future: discuss issues of international importance including the environment, immigration, racism, terrorism, and poverty. Consider how the French-speaking world views these issues and discuss possible strategies to address these issues. A comprehensive review of the French language will also prepare you for the French Language AP Exam and/or college placement tests. You will read articles from French magazines and newspapers and Internet websites to keep you up-to-date on what is happening in the French-speaking world today. Selections from French literature will be featured reflecting a variety of authors and styles of writing. You will listen to a variety of French speakers discussing their perspectives on everyday life, movies, music, current events in the French-speaking world, and issues of global importance. The course of study is the same for all students whether taken as CAPP or AP. \*Students who meet CAPP criteria take this course through the University of Wisconsin-Oshkosh. Those who pass the CAPP course earn 5 college credits in addition to 1 high school credit. Those who earn a B or higher may also receive up to 11 retroactive credits, depending on the decision made by the student's post-secondary university choice.

**\*French - Le Monde Francophone  
2230 .5 Credit**

Prerequisite: French 2220, 2225, or permission of instructor  
Learn about the French-speaking world while increasing your listening, speaking, reading, and writing skills in French. This course is designed for students who have completed advanced coursework in French. You will explore the art, music, literature, dance, cuisine, customs, traditions and lifestyles of the people who live in the French-speaking world. The Internet will serve as a gateway to virtual tours to these countries. You will also read a variety of news sources to find out more about the current news in these countries. The course is conducted in French.

**\*French - France d'aujourd'hui  
(Contemporary France)  
2240 .5 Credit**

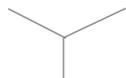
Prerequisite: French 2220, 2225, or permission of instructor  
This course provides an up-to-date look at the country of France and its people. You will use the Internet and current news resources to learn about daily life, family, education, recreation, music, and technology while increasing your competence in reading, writing, speaking and listening in French. Discuss issues facing the people of France as they move through the twenty-first century. The course is conducted in French.

**\*French Advanced-Lev 6 / CAPP French 312  
2250**

**1 High School Credit/\*5 College Credits**  
Prerequisite: French 2225  
Nouns, articles, adjectives, interrogatives, verb tenses, pronouns, conjunctions, etc. will be studied through Francophone literature, poetry and history, authentic written and spoken materials, and via current events in the French-speaking world. A comprehensive review of the French language will be provided throughout the year with opportunities to improve all four skills - reading, writing, listening, and speaking., thus increasing the students' abilities to express themselves accurately and comprehensibly Culturally, students will study and discuss France's involvement with former colonies and overseas departments, specifically Indochina, international organizations in which France is involved, important Francophone men and women in history, as well as France through the ages.  
*\*Students who meet CAPP criteria take this course through the University of Wisconsin-Oshkosh. Those who pass the CAPP course earn 5 college credits in addition to 1 high school credit.*

**COURSE SEQUENCE  
GERMAN**

Middle School    High School  
Beginning A      Beginning A  
Level 1 2370    Level 1 2380



German Beginning B Level 2 2390  
German Intermediate Level 3 2400  
German Advanced Level 4 2410



AP German Lang 2425/  
CAPP German 204

# German

**German Beginning A  
Level 1                      2380      1 Credit**

Explore the German-speaking world! Learn more about the culture which has heavily influenced our life here in Wisconsin. Carry on conversations about yourself, your family and friends, school, and weekend activities in German. Compare German holidays and celebrations to your own. Compare your life to the life of a teenager in a German-speaking country. This course emphasizes basic listening, speaking, and reading and writing practice in the German language.

**German Beginning B  
Level 2                      2390      1 Credit**

Prerequisite: German 2380  
Expand on your knowledge of the German-speaking world! Learn about travel opportunities to the German-speaking countries and practice survival skills such as shopping, ordering a meal in a restaurant, asking directions and using public transportation. Further compare your life and lifestyle to the life of a teenager in the contemporary German world. Experience German music, fashion, and sports as you expand your ability to converse, read and write in German.

**German Intermediate  
Level 3                      2400      1 Credit**

Prerequisite: German 2390  
Increase your cultural understanding of the German-speaking world! Broaden your ability to communicate by discussing such topics as youth language, personal preferences and technology. Videos, internet and stories will further reveal the German perspective. Continue exploring the geography of German speaking countries--the heart of Europe. You will plan a trip, write and perform skits and role play real life situations. This course will strengthen your knowledge of vocabulary and increases your ability to read and write German in everyday situations.

**\*German Advanced  
Level 4                      2410      1 Credit**

Prerequisite: German 2400  
Move towards proficiency! Activate your vocabulary through discussions on current social topics such as the environment, multiculturalism, media and communication. Explore Germany's fascinating and turbulent history starting with its connection to the Roman Empire. Read modern German short stories and prose, as well as newspapers, letters and magazines as you increase your knowledge of written and spoken German.

**\*AP German Language/ CAPP German 204  
2425**

**1 High School Credit/\*5 College Credits**

Prerequisite: German 2410  
Refine your proficiency by examining themes of global importance and personal interest! Develop a deeper understanding of the German language and culture. Connect to the artistic expression of the German world via the arts and cinema. Use the internet and current news resources to learn about the world of work, future careers using the German language, stereotypes and how they influence us, the changing dynamics of families in the 21st century, as well as modern German history. A comprehensive review of German grammar will prepare you for the German AP Language Test or college placement tests.

\*Students who meet CAPP criteria take this course through the University of Wisconsin-Oshkosh. Those who pass the CAPP course earn 5 college credits in addition to 1 high school credit. Those who earn a B or higher may also receive up to 11 retroactive credits, depending on the decision made by the student's post-secondary university choice.

**Spanish Course Offerings**

**Spanish for Spanish Speakers-2500**

**Middle School**  
Beginning A Level 1; 2570/2580

**High School**  
Beginning A Level 1; 2580

Beginning B Level 2; 2590  
Intermediate Level 3; 2600  
Advanced A Level 4; 2610

These are the three pathways depending on your grade level:

**Level 4 as a Freshman**

2016-2017:  
¡Viva España! 2622/Tradiciones  
y costumbres del mundo  
hispanohablante 2623

2017-2018:  
AP Spanish Language 2620/  
CAPP Spanish 204

2018-2019:  
Spanish Level 6; 2630/CAPP  
312\*

**Level 4 as a Sophomore**

2016-2017:  
AP Spanish Language 2620/  
CAPP Spanish 204

and/or

2016-2017:  
¡Viva España! 2622/Tradiciones  
y costumbres del mundo  
hispanohablante 2623

2017-2018:  
Spanish Level 6; 2630/CAPP  
312\*

**Level 4 as a Junior**

2016-2017:  
AP Spanish Language 2620/  
CAPP Spanish 204

and/or

2016-2017:  
¡Viva España! 2622/Tradiciones  
y costumbres del mundo  
hispanohablante 2623

**\*Important Notes:**

- A pre-requisite for CAPP 312 is prior enrollment in CAPP 204.
- Both CAPP 312 Spanish and French run based on enrollment numbers. Understand that the class will run as a 0 hour to accommodate students needing to travel back to their home school.

# Spanish

**Spanish for Spanish Speakers      2500                      1 Credit**

Prerequisite: Must be a native speaker of Spanish  
This course is designed for students who are native speakers of Spanish and want to improve their communication skills in Spanish. The course will include the following topics: the role of the Spanish language in today's world; Hispanic heritage; the role of the family; Latin Americans in the 21<sup>st</sup> century; challenges facing the Spanish-speaking communities today; career options for native speakers of Spanish. You will develop writing skills, build reading comprehension, enhance formal speaking skills, and enhance your vocabulary in Spanish.

**Spanish Beginning A  
Level 1    2580                      1 Credit**

Spanish 1 is an introduction to the Spanish language and the Spanish-speaking world. During the year, you will learn to carry on a conversation with your friends about school, your home and family, what you like to do after school and on weekends, and clothes you like to wear to different events. You'll also compare mealtime in the U.S. to mealtime in Spanish-speaking countries, and you will get to sample some typical foods from the Spanish-speaking world. Finally, you will learn about opportunities to use your Spanish beyond the classroom in volunteer programs in your community.

**Spanish Beginning B  
Level 2    2590                      1 Credit**

Prerequisite: Spanish 2580 or approval of instructor  
Spanish Beginning B Level 2 helps students increase their ability to communicate their thoughts and ideas in Spanish. The students also increase their understanding of the cultures of the Spanish-speaking world by discussing current events. Students will discuss what their life is like in high school, including preparing for special events that take place during the year. They will compare their own city to cities in the Spanish-speaking world, exploring the various businesses and activities within the city. Finally, students will also learn to tell a story from their childhood in the past tense.



*(World Languages continued)***COURSE SEQUENCES**

Latin Beginning A Level I 2710

Latin Beginning B Level 2 2720

# Latin

**Latin Beginning A****Level 1                      2710              1 Credit**

Latin 2710 is an introductory course which provides a beginning understanding of the culture, history, art, religion, lifestyle and language of the Ancient Romans. Knowledge of the Latin language increases understanding of English grammar and vocabulary. This course emphasizes reading in a continuous story line. Students follow the adventures of Caecilius and his family in Pompeii, 79 A.D., and later in Britain.

**Latin Beginning B****Level 2                      2720              1 Credit**

Prerequisite: Latin 2710

This course is a continuation of the study of the history, culture, literature and language of the Ancient Romans. Students continue to increase their vocabulary through grammar, syntax and derivative study. Students add to their knowledge of culture by reading about the continued adventures of the survivors from Pompeii in their travels from Britain to Egypt.

# Appleton High Schools 2016-2017

## Course Numbers & Titles

### HEALTH AND HUMAN PERFORMANCE

PAGE 25

0010	Freshman Physical Education
0043	Adventure Education Leadership
0044	Introduction to Athletic Training
0045	Adventure Education/Outdoor Pursuits
0047	Personal Wellness
0048	Recreational Games
0049	Weight Training and Conditioning
0052	Net Games
0053	Aquatic Lifesaving
0054	Team Games
0055	Strategic Games
0056	Water Safety Instructor
0058	Individual Pursuits
0059	Lifetime Fitness
4990	Health Education

### STUDENTS WITH DISABILITIES - LD

PAGE 39

0509	Resource A.S.A.
0510	Transitional Language Arts
0511	Transitional Language Arts
0512	Transitional Language Arts
0513	Transitional Language Arts
0514	Linguistics Class
0532	American History
0533	Contemporary World Studies
0535	Civics
0540	Health
0550	Individualized Learning Study Skills
0595	Algebra 1A
0596	Algebra 1B
0597	Geometry
0598	Math Topics
0633	Personal Financial Management

### STUDENTS WITH DISABILITIES - EBD

PAGE 40

0609	Resource Skills
0610	English 1
0611	English 2
0612	English 3
0613	English 4
0614	Skills Training
0630	Social Studies 1
0631	Social Studies 2
0632	Social Studies 3
0633	Personal Financial Management
0640	General Science 1
0641	General Science 2
0595	Algebra 1A
0596	Algebra 1B
0597	Geometry
0598	Math Topics

### STUDENTS WITH DISABILITIES - ID

PAGE 41

0060	Adaptive Phy. Ed.
0710, 0711, 0712, 0713	English Lang. Arts
0730	Social Studies
0731	Social Studies
0732	Social Studies
0740	Science
0745	Health
0750	Keyboarding
0780	Fine Arts
0790	Functional Math Applications
0795	Community Work Experience
6600	Life Skills Training

### STUDENTS WITH DISABILITIES - DEAF/HARD OF HEARING

PAGE 41

0800	Deaf/Hard of Hearing Support
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### ENGLISH LANGUAGE ARTS

PAGE 17

1000	English Language Arts 9
1010	* English Language Arts 9
1020	English Language Arts 10
1030	* English Language Arts 10
1110	American Literature and Composition
1120	* AP Eng. Lang. and Comp. (AP American Lit. and Comp.)

1250	+ Senior Communication
1260	* World Literature and Composition
1270	* AP Eng. Lit. and Comp. (AP World Lit. and Comp.)
1300	<i>Creative Writing 1</i>
1310	<i>Creative Writing 2</i>
1320	<i>Genre Study: Lit &amp; Comp</i>
	• <i>Mythology M</i>
	• <i>Science Fiction SF</i>
	• <i>Shakespeare S</i>
	• <i>Sports Literature SL</i>
	• <i>Women's Literature WL</i>
1330	Journalism 1: Foundations & Applications
1400	<i>Film Studies</i>
1600	<i>Interpersonal Communication</i>
3030	<b>American Studies (American Lit. and Comp./United States History)</b>
3060	* <b>AP American Studies (AP English Lang. and Comp./ AP United States History)</b>

### THEATER

PAGE 45

1630	<i>Introduction to the Theater</i>
1640	<i>Acting</i>
1650	Theater Production
1660	Theater Seminar

### ELL

PAGE 21

1790	Beginning ELL A
1800R/W/G	Beginning ELL B
1810R/W/G	Basic ELL
1820R/W	Intermediate ELL
1830	Intermediate to Advanced ELL
1840	Advanced ELL
1855	Project Success
1900	Hmong Literacy 1
1910	Hmong Literacy 2
3540	ELL Social Studies
3550	ELL U.S. History 1
3560	ELL Civics
3570	ELL Contemporary World Studies
4350	ELL Introduction to Science
4400	ELL Physical and Earth Science
4420	ELL Life Science
4990E	<i>ELL Health</i>
5000E	<i>ELL Computer Fundamentals</i>
5100E	<i>ELL Computer Applications</i>
6200E	<i>ELL Foods</i>
6300E	<i>ELL Personal Financial Mgt.</i>

9610	ELL Basic Math
9620	ELL Intermediate Math
9630	ELL Advanced Math

### WORLD LANGUAGES

PAGE 46

2180	French Beginning A Level 1
2190	French Beginning B Level 2
2200	French Intermediate Level 3
2210	* French Advanced Level 4
2225	* AP French Language/CAPP 204
2230	* <i>French/Le Monde Francophone</i>
2240	* <i>French/France d'aujourd'hui</i>
2250	* French Adv. Level 6/CAPP 312
2380	German Beginning A Level 1
2390	German Beginning B Level 2
2400	German Intermediate Level 3
2410	* German Advanced Level 4
2425	* AP German Language/CAPP 204
2500	Spanish for Spanish Speakers
2580	Spanish Beginning A Level 1
2590	Spanish Beginning B Level 2
2600	Spanish Intermediate Level 3
2610	* Spanish Advanced Level 4
2620	* AP Spanish Language/CAPP 204
2621	* <i>Spanish/Viaje Americas (17-18)</i>
2622	* <i>Spanish;/ Viva España! (16-17)</i>
2623	* <i>Spanish/Tradiciones y Costumbres (16-17)</i>
2624	* <i>Spanish/Misterios de los Mayas, Incas, y Aztecas (17-18)</i>
2630	* Spanish Advanced Level 6/CAPP 312
2710	Latin Beginning A Level 1
2720	Latin Beginning B Level 2

*Italic = .5 Credit (semester course)*

**Bold = 2 Credits**

~ = Project Lead the Way

\* = Rigorous Course

+ = FVTC Transcribed Credit

^ = FVTC Advanced Standing

☞ = Available on-line

**SOCIAL STUDIES**

PAGE 35

- 3000 Civics
- 3030 American Studies (American Lit. & Comp./United States History)**
- 3050 \* AP United States History
- 3060 \* AP American Studies (AP English Lang. and Comp./ AP United States History)**
- 3070 United States History
- 3150 \* AP World History
- 3170 World History
- 3300 \*<sup>^</sup> *Psychology 1*
- 3310 \* *Psychology 2*
- 3320 \*<sup>^</sup> AP Psychology
- 3350 \*<sup>^</sup> *Sociology*
- 3400 \* AP Government and Politics: U.S. and Comparative
- 3450 *Intro. to Economics*
- 3460 \* *AP Microeconomics*
- 3465 \* *AP Macroeconomics*
- 3500 \* Humanities
- 3490 \* AP Art History
- 3510 Social Problems
- 3520 Contemporary World Studies
- 3700 *Anthropology*
- 3830 *Military History*
- 3845 *U.S. History Since 1945*
- 3850 *U.S. Constitutional Law*
- 3900 *Japanese Heritage & Culture*

**SCIENCE**

PAGE 32

- 4000 Physical and Earth Science
- 4050 \* Biophysical Science
- 4100 Life Science
- 4110 Biology
- 4180 \* AP Biology
- 4190 General Chemistry
- 4200 Chemistry
- 4250 \* AP Chemistry
- 4340 Environmental Science
- 4550 Physics
- 4560 \* AP Physics 1: Algebra-Based
- 4601 *Anatomy & Physiology*
- 4602 *Applied Genetics*
- 4603 *Meteorology*
- 4604 *Astronomy*
- 4605 *Oceanography*
- 4606 *Geology*
- 6201 Food Science

**BUSINESS & MARKETING**

PAGE 14

- 5000 *Computer Apps for Careers*
- 5010 \*+ *Computer Apps for College*
- 5080 *Exploring Business*
- 5320 Accounting
- 5410 + *Principles of Business Mgt*
- 5500 *Sports & Entertainment Marketing*
- 5510 *Marketing 1 (Promotions)*
- 5520 *Marketing 2 (Sales)*
- 5540 \*+ Advanced Marketing
- 560J Advanced Marketing Internship
- 9664 *CTE Internship*
- 9664J CTE Internship Job
- 9664YA Youth Apprenticeship

**PERSONAL FINANCIAL MANAGEMENT**

PAGE 31

- 6300 *Personal Financial Management*
- 3450 *Intro. to Economics*
- 6320 \* *CAPP Personal Finance*

**FAMILY & CONSUMER SCIENCES**

PAGE 23

- 6200 Foods
- 6201 Food Science
- 6250 Advanced Foods
- 6350 *Career Success*
- 6500 Fashion and Interior Design
- 6550 Advanced Fashion & Interior Design
- 6600 Life Skills Training
- 6853 Health Sciences Foundations
- 6880 + Child Development
- 6940 + Early Childhood Education
- 6960 + *Intro to Health Occupations*
- 6970 + *People Skills for Health Professionals*
- 9664 *CTE Internship*
- 9664J CTE Internship Job
- 9664YA Youth Apprenticeship

**TECHNOLOGY & ENGINEERING**

PAGE 42

- 7030 \*+ Computer Maint. and Repair
- 7100 *Animation & Game Design*
- 7120 \*~ Civil Engineering and Architecture
- 7160 \*~ Intro. to Engineering Design
- 7180 \*~ Principles of Engineering
- 7360 Cabinet & Furniture Making
- 7380 Introduction to Construction
- 7390 House Construction**
- 7420 \*+ Small Engines & Transportation
- 7440 *Auto ABC's*
- 7441 *Auto Service*
- 7460 \*+ Auto Mechanics**
- 7520 + *Machining 1*
- 7521 *Machining 2*
- 7540 \*+ Welding & Metal Fabrication
- 7720~\*+ Digital Electronics
- 7830 *Screen Printing*
- 7850 *Media Design*
- 7860 *Advanced Media Design*
- 7880 <sup>^</sup> Graphic Arts
- 7890 Entrepreneurship
- 9664 *CTE Internship*
- 9664J CTE Internship Job
- 9664YA Youth Apprenticeship

**MUSIC**

PAGE 29

- 8190 *Music Theory*
- 8195 *Music History & Literature*
- 8200 *Perspectives in Music*
- 8260 Freshman Band
- 8270 Concert Band
- 8280 Symphonic Band
- 8290 Wind Ensemble
- 8295 \* Honors Band
- 8370 Freshman Symphony Orchestra
- 8380 Symphonic Orchestra
- 8390 \* Honors Orchestra
- 8400 Freshman Chorus
- 8410 Sophomore Core Chorus
- 8420 Junior Core Chorus
- 8430 Senior Core Chorus
- 8490 \* Honors Chorus

**ART**

PAGE 13

- 8500 Art Survey
- 8600 Drawing and Painting
- 8620 Jewelry & Art Metals
- 8660 Ceramics & Sculpture

- 8690 Craft Design
- 8700 Drawing & Painting 2
- 8720 Jewelry & Art Metals 2
- 8760 Ceramics & Sculpture 2
- 8790 Craft Design 2
- 8800 *Introduction to Studio Art*

**MATHEMATICS**

PAGE 27

- 9000A Algebra 1A
- 9000B Algebra 1B
- 9100 Algebra 1
- 9200 Geometry
- 9240 Math Topics
- 9260 Algebra 2
- 9300 Algebra 2 for Pre-Calculus
- 9360 College Prep Mathematics
- 9400 \* Pre-Calculus
- 9500 \* AP Calculus AB
- 9520 \* AP Statistics
- 9550 \* AP Calculus BC

**COMPUTER SCIENCE**

PAGE 16

- 9340 ~ *Intro to Computer Science-PLTW*
- 9540 \*~ Computer Science and Software Engineering - PLTW

**ALTERNATIVE ED**

PAGE 12

- 9700 Employment Development/ Vocational Skills Training
- 9750 Parenting Now
- 9801/9802 Integrated Learning Systems Lab
- 9900 Work Experience

*Italic = .5 Credit (semester course)***Bold = 2 Credits**

~ = Project Lead the Way

\* = Rigorous Course

+ = FVTC Transcribed Credit

^ = FVTC Advanced Standing

☞ = Available on-line