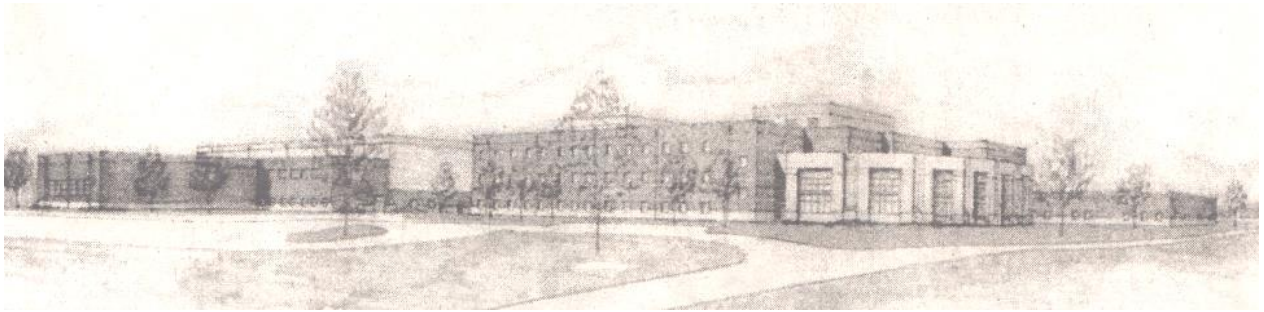


# 2024 - 2025

## Course Descriptions and Requirements



# Belleville West High School

*BELLEVILLE TOWNSHIP HIGH SCHOOL DISTRICT #201*

# BELLEVILLE WEST HIGH SCHOOL

4063 Frank Scott Parkway West  
Belleville, IL 62223

(618) 222-7500

## Administration:

Dr. Brian Mentzer	Superintendent
Mr. Dustin Bilbruck	Assistant Superintendent
Mr. Brent Whipple	Director of Special Education
Dr. Marshaun Warren	Director of Human Relations & Diversity
Ms. Andrea Gannon	Director of Alternative Education
Dr. Malcolm Hill	Principal
Dr. Richard Bass	Associate Principal (Class of 2025)
Mr. Todd Hayes	Assistant Principal (Class of 2026)
Mr. Brent Whipple	Assistant Principal (Class of 2027)
Mr. Jerry Richardson	Assistant Principal (Class of 2028)
Mr. Jason Karstens	Assistant Principal (Class of 2028)

## School Counseling Department:

Mrs. Jen McMurray	Counselor	A - D	222-7648
Mr. Tedros Solomon	Counselor	E - J	222-7671
Mrs. Julia Daniels	Counselor	K - P	222-7644
Mrs. Ashley Cryder	Co-Director	Q - S & Title I	222-7646
Mrs. Danielle Koeneman	Co-Director	T - Z	222-7643
Mrs. Amanda Guinn	CTE Counselor, District		222-7681

## Board of Education:

Mark Sauerwein, President	Mike Eiskant, Vice President
Kim Ellison, Secretary	Nicki Brown
Michael Todd	Marvin Lampkin
Casey Fares	Ben Wanless

## Parents and Students:

- The purpose of this booklet is to provide information about the course offerings at Belleville West and to improve communication among parents, students and counselors. It is specifically designed to help each student plan his/her course of study from the more than 200 courses offered.
- Students and their parents are encouraged to read the various course descriptions and, in consultation with their counselors and teachers, select courses which best serve their specific interests and needs. Courses selected should help a student reach his educational goals.
- The suggestions below are included so that a student can successfully use this guide.
  1. **Make decisions carefully** in light of personal objectives and future goals.
  2. **Study the course descriptions** and pay particular attention to prerequisites.
  3. **Study the graduation requirements.**
  4. **Keep in mind** the requirements for graduation as you plan your program.
  5. **Pay close attention** to the important scheduling information and class drop procedure.

**PLAN COURSE SELECTION CAREFULLY**

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*All courses, activities and educational opportunities are open to each student at Belleville Township High School District 201 based upon his or her qualifications and educational background without regard to race, color, national origin, gender or disability.*



GRADUATION REQUIREMENTS

To graduate from Belleville Township High School District 201, each student must earn at least 21.0 credits and complete the minimum course requirements of the State of Illinois and of the Board of Education.

Specific requirements for Graduation are as follows:

Graduation Date	Math	Language Arts	Science	Social Studies	Electives	Physical Education
Class of 2014 and beyond  <b>*Must earn 21.0 credits</b>	3 units; Must include Algebra 1 equivalent and 1 unit must include geometry content	4 units; Incorporate two-year writing intensive requirement	** 2 or 3 units	** 2 or 3 units; must include 1 unit of U.S. History and 1 unit of Civics as it meets both the state requirements of consumer edu., mandated tests (IL & US Constitution) and the other requirements listed below	1 unit from any of the following areas: music, art, world language, or career & technical education	3 units of PE – Health must be taken one semester. * see additional information below
			<b>** All students are required to earn a minimum of 2 units in the area of Science and Social Studies; beginning with the class of 2014, an additional 1.0 unit MUST be earned in either Science <u>OR</u> Social Studies <u>OR</u> a combination.</b>			

- To graduate from Belleville Township High School, District No. 201, a student must meet the minimum requirements of the State of Illinois and District No. 201. Students must also take the State’s final accountability assessment or its approved alternate assessment in order to receive a regular high school diploma. This is currently the SAT and is administered on a state determined testing day to all students in Grade 11.
  - One-hour courses in the curriculum carry a value at .5 units per semester for one hour classes and .25 units per semester for half-hour classes. Among the units necessary to graduate, a student must accumulate 15 units from academic classes. “Academic class” means any course **except** learning strategies, physical education, driver education, and music performance courses.
  - Each student must pass a course which includes consumer education requirements, as mandated by the State of Illinois. The consumer education credit can be earned by passing Civics, Introduction to Business/Technology Concepts, Personal Finance, Adult Living, Parenting, American Problems, Pre-Voc Training, or Work Skills Ed.
  - Beginning with the Class of 2020, students must be exposed to course content including controversial issues, service learning and simulations of the democratic process, as mandated by the State of Illinois. This content is embedded throughout our year-long Civics:ConsEd/Government Course.
- \* All students, except those excused for medical or other approved reasons, must complete seven semesters of physical education and one semester of health. Driver’s education will substitute for one semester of physical education. Students who have met the 3-unit PE requirement are eligible to apply for a PE Substitution.

### IMPORTANT SCHEDULING INFORMATION

This material has been prepared to give you the latest possible information about the courses being offered for the 2022-2023 school year. We do not expect any major changes in class offerings; however, certain classes may be cancelled if sufficient enrollment is not obtained prior to the opening of school.

During the months of January and February, students will be asked to make a tentative course selection. Shortly thereafter, individual registration with the counselor will begin.

Students should discuss with their parents the courses they wish to take prior to meeting with the counselor. Students' course selections will be sent home in an email for parents' review. Any corrections or errors must be reported to the assigned counselor no later than **June 1<sup>st</sup>**.

Please give serious attention to the course selection process.

- Need to teach students to assume responsibility, to develop accountability, and develop perseverance.
- Extensive preparation the faculty and administration must make in hiring teachers, making assignments, balancing classes, preparing facilities, allocating budgets, and ordering books, supplies, and equipment.
- Efficient use of staff time.

Rare exceptions to this policy are made when:

1. a scheduling mistake has been made (enrolled in an advanced course without the prerequisite)
2. there is a need to balance classes
3. classes must be cancelled due to insufficient enrollment
4. it is determined by school officials that a circumstance exists whereby the student has little chance to realize success.

### CLASS DROP PROCEDURE

Students are encouraged to spend ample quality time studying the course descriptions before deciding upon course selections.

Types of Schedule Changes:

**Class Substitutions:** This is changing a course the student is enrolled in and substituting it for another offering. The deadline for these changes will be **June 1<sup>st</sup>**.

**Class Additions:** This is adding a new course to the schedule where one did not previously exist. The deadline for this change is prior to the first day of school. This is only subject to class availability and alignment with existing student schedule.

**Class Deletion:** This is removing an existing class from the student's schedule with no academic replacement. Students will be placed in a study hall. The deadline to drop will be the first 10 days of the start of a semester. Deletions made after this time will result in a grade of **withdraw failing (WF) which is calculated in the semester grade**.

**Level Changes:** This change is when a student changes from one level to another level of the same course. (Honors – Regular) The deadline for a level change will be any time during the first four weeks of the semester. This requires permission from parent, teacher, and school counselor. No level changes will be made after this time.

**CLASS DROP PROCEDURE (CONTINUED)**

<b>NAME OF CHANGE</b>	<b>DESCRIPTION</b>	<b>DEADLINE</b>
Class Substitution	Changing one course for another	June 1 <sup>st</sup>
Class Addition	Adding a course where one does not exist	Prior to the first day of school
Class Deletion	Removing a class from schedule and exchanging for a study hall	First ten days of a semester
Level Change	Move from one level to another level of the same course	First four weeks of semester

\* A student will receive a grade of **F** if he/she is dropped from a class at any time for misbehavior.

**EARLY GRADUATION PROCEDURE**

Any student planning to graduate at the end of the first semester must apply in writing prior to December 1. In order to qualify for graduation status, all credits must have been earned and recorded on the official student record card. Failure to comply with the established guideline will cause the student to forfeit early graduation. **Because every student needs four years of English, December Graduates will need to take at least one English class in summer school to meet requirements. December Graduates will NOT be able to double up in English first semester his/her senior year. Doubling up in English is only available to students who are at-risk for graduation.** Application forms for December graduation are available in the School Counseling Office. Students submitting a request for early graduation during the month of December will have no reflection of course withdrawal on his/her transcript. If a student chooses to graduate after this deadline, he/she will automatically receive grades of **withdraw failing (WF) which is calculated in the semester grade.**

**STUDENT FEES**

West students are required to rent most books. Certain workbooks must be purchased. In addition, students may be required to pay special fees for certain courses. These fees cover laboratory equipment, materials and computer costs.

**STANDARD SCHEDULE**

The normal schedule for students will include four academic subjects plus either Health, Physical Education, or Driver Education. Exceptions to this should be discussed with your counselor and approved by the principal. **ALL STUDENTS ARE ENCOURAGED TO TAKE A FIFTH SUBJECT (typically an elective).**

**HONORS CLASSES**

Students in honors courses are strongly encouraged to maintain a class average of A or B to continue in the honors curriculum. Students earning a C in an Honors course will conference with the teacher and parent to choose appropriate placement for the next semester or school year. If a student earns a D or F at the end of a semester, the student will automatically be dropped to a regular level course for the following semester.

**GRADE WEIGHTING**

1. One-half unit of credit is awarded per semester for classes that meet one hour per day.
2. One-quarter unit of credit is awarded per semester for classes that meet ½ hour per day.
3. Class rank will be affected by the grade weighting system, not credit.
4. Grades are reported in letters which are used to calculate an unweighted 4.0 GPA. Grades for physical education, driver education, and music courses are excluded. Honors points are assigned for each honors (.250) and advanced (.100) class, and the Weighted GPA is calculated by this formula:

$$\text{Weighted G.P.A.} = \text{GPA} + \frac{\text{Honors Points}}{\# \text{ Semesters}}$$

5. A maximum of four weighted courses (the highest weighted) will count in the weighted GPA each semester.
6. Summer school will be an extension of semester two for GPA purposes.

GRADING SCALE

90-100	A
80-89	B
70-79	C
60-69	D
Below 60	F

**REGISTRATION PROCEDURES FOR TRANSFER STUDENTS**

Parents of students new to the Belleville Township High School West district should contact the Assistant Principals' office at 618-222-7675 to begin the registration procedure. At the time of registration, parents are required to furnish verification of residency. Specific information regarding these requirements will be given to parents by an assistant principal. Illinois state law requires students to present a birth certificate. Students are also required to file physical examination and immunization records within 30 days of enrollment. Counselors also request that students bring to the registration appointment an unofficial transcript of all previous high school coursework, or grade cards if possible. This information will make the transition to a new school more efficient.

**TRANSFER STUDENT PROCEDURE**

Transfer students must be in attendance within the 1<sup>st</sup> five days of the semester in which she/he has enrolled in order to be a recipient of a District #201 diploma and participate in the commencement ceremony. Appeals should be submitted to the building Principal for review.

YEAR	Academics & Extracurriculars	Testing	Explore
Freshmen	<ul style="list-style-type: none"> <li>Take the most challenging level of courses you can; post-secondary institutions look at the level of the courses you take as well as the grades you earn</li> <li>Develop good study habits</li> <li>The first grade point average (GPA) you establish is very important</li> <li>Volunteer within the community</li> </ul>	<ul style="list-style-type: none"> <li>Commit to doing well in course-work as it prepares you for the test in future years</li> <li>Take PSAT 8-9 during school-wide testing in Spring (Date TBA)</li> </ul>	<ul style="list-style-type: none"> <li>Think about what you want to pursue as a career once you complete your education</li> <li>Think about where you want to go to post-secondary school</li> <li>Investigate the costs associated with post-secondary schooling</li> </ul>
Sophomores	<ul style="list-style-type: none"> <li>Continue to take the most challenging courses you can</li> <li>Continue to get involved in extracurricular activities &amp; volunteer opportunities</li> <li>Select courses for your junior year which ensure meeting graduation and post-secondary entrance requirements</li> </ul>	<ul style="list-style-type: none"> <li>Commit to doing well in course-work as it prepares you for the test in other years</li> <li>Take PSAT during school-wide testing in Spring (Date TBA)</li> </ul>	<ul style="list-style-type: none"> <li>Think about your talents, inclinations, and personality</li> <li>Research requirements (course pre-requisites, entry requirements, personality traits, etc.) for careers you are considering</li> <li>Think about and discuss with others matching yourself with careers that interest you</li> </ul>
Juniors	<ul style="list-style-type: none"> <li>Continue to take the most challenging courses you can</li> <li>Continue to get involved in extracurricular activities &amp; volunteer opportunities</li> <li>Choose electives which support your possible career(s) and meet entry requirements</li> <li>Double-check graduation and college entrance requirements to be sure you are on track with both</li> <li>Become familiar with the questions asked on applications that require essays</li> </ul>	<ul style="list-style-type: none"> <li>Take PSAT/NMSQT in October (optional)</li> <li>ACT (optional)                             <ul style="list-style-type: none"> <li>✓ National Test Dates in October, December, February, April &amp; June</li> <li>✓ Register online @ <a href="http://www.actstudent.org">www.actstudent.org</a>.</li> </ul> </li> <li>Take state mandated SAT Test in Spring (Date TBA)                             <ul style="list-style-type: none"> <li>✓ Re-takes available through National Test Dates, register online @ <a href="http://www.collegeboard.com">www.collegeboard.com</a></li> </ul> </li> <li>Take Advanced Placement Tests (AP) in May (optional)</li> </ul>	<ul style="list-style-type: none"> <li>Research colleges and other post-secondary educational institutions that will meet your career objectives and financial requirements..... resources include: parents, counselors, alumni, friends, web sites, college fairs, brochures, college representatives</li> <li>Plan to visit colleges second semester, summer, and first semester of senior year</li> <li>Try to narrow your selections to 5-8 from which to choose and apply</li> <li>Encourage your parents to attend the college planning and financial aid night at school (Date TBD)</li> </ul>
Seniors	<ul style="list-style-type: none"> <li>Continue to take the most challenging courses you can</li> <li>Choose electives which support your possible career(s) and meet entry requirements</li> </ul>	<ul style="list-style-type: none"> <li>Retake College Entrance Exam (optional), registration is online.                             <ul style="list-style-type: none"> <li>✓ ACT – <a href="http://www.actstudent.org">www.actstudent.org</a></li> <li>✓ SAT – <a href="http://www.collegeboard.com">www.collegeboard.com</a></li> </ul> </li> <li>Take Advanced Placement Tests (AP) in May (optional)</li> </ul>	<ul style="list-style-type: none"> <li>Line up at least three letters of recommendation from people who know you well</li> <li>Apply early to the selected colleges and/or career training centers.... watch deadlines</li> <li>Make sure your applications are complete by October</li> <li>Apply for scholarships and financial aid</li> </ul>

FOR MORE RESOURCES VISIT:  
[www.bths201.org/west](http://www.bths201.org/west)



## COLLEGE AND WORK READINESS ACADEMIC RECOMMENDATIONS

Take a core curriculum to prepare for college and your career. The recommendations are at least:

- four years of English
- three years each of:
  - ~ Math (Algebra I, Geometry and Algebra II)
  - ~ Social Sciences (courses such as U.S. History, World History and American Government)
  - ~ Natural Sciences (Biology, Chemistry and Physics)
  - ~ World Language/Fine Arts (varies from one college to another)

Taking advanced courses beyond the recommended core classes will give you the best chance to be ready to enter college without needing remedial classes. Remedial classes often don't count toward your degree, and if you need them, it will take longer to graduate.

Recommendations for course selection depend on the student's ability, interests, and career plans. The chart merely suggests the variables that can exist. Use this as a guide only. Since admission requirements periodically change, parents and students should check individual institutions for exact requirements.

### HIGHLY SELECTIVE INSTITUTIONS (U OF I, NORTHWESTERN, ETC.)

Often the college will state that there are no prescription or minimum requirements. They want to talk in terms of averages with regard to test scores, high school class rank and course preparation.

**Recommendations:** 4 English; 4 Math (Algebra 1 Adv and higher); 4 Science; 4 Social Studies; and 4 World Language (same language) (language requirements vary from one college to another); student needs to take the most challenging courses offered in the above areas as appropriate and demonstrate a high level of performance; Exemplary ACT and/or SAT scores; extracurricular record must clearly demonstrate an eagerness and confidence in taking initiative, making the most of opportunities and gain recognition for accomplishments both inside and outside of the school setting; and supplementary parts of the application must be solidly supportive of the total picture.

### NCAA CLEARINGHOUSE REQUIREMENTS FOR ATHLETES

- I. Students aspiring to play Division I or II athletics must register with the NCAA Clearinghouse following their junior year at <http://eligibilitycenter.org>. Athletes must meet the following core course and test score standards as stated on the eligibility center website.

DIVISION I	CORE COURSES	DIVISION II
4	English	3
3	Math (Algebra 1 & above)	2
2	Science	2
1	Additional English, Math, or Science	3
2	Social Studies	2
4	Additional courses, including World Language	4
<b>16</b>	<b>TOTAL CORE COURSES</b>	<b>16</b>

- II. Check courses carefully with your counselor EACH SEMESTER to make sure you are meeting NCAA course requirements. **This is ultimately the family's responsibility.** NCAA will be listed before the descriptions for all approved courses (NCAA).

## COLLEGE CREDIT OPPORTUNITIES

### ADVANCED PLACEMENT OPPORTUNITIES (AP)

Belleville West offers Advanced Placement (AP) courses in several departments. AP courses meet the requirements of the College Board Advanced Placement curriculum. These courses are designed to prepare students to take the advanced placement test for that course, which is an optional test given in May. Since the test is optional, students are responsible for registering for the test and paying any fees associated with the test. Depending on the student's score and the criteria of the specific university, students may earn college credit. For further detailed information, visit its website at <http://apcentral.collegeboard.com/apc/Controller.jpf>

The AP courses currently offered at Belleville West are:

SUBJECT	COURSES	GRADE LEVEL	POSSIBLE CREDITS
Art	AP 2-D Studio: Photography (Honors) AP Studio Art: Drawing (Honors)	11 or 12	Up to 6
English	English 7-8 Honors/AP	12	Up to 6
Math	AP Trig/Pre-Calculus (Honors) Calculus AP AB (Honors) Calculus AP BC (Honors) AP Computer Science A (Honors)	11, 12 12 12 12	3 Up to 5 Up to 8 3
Science	Advanced Biology AP (Honors) AP Environmental Science (Honors) Advanced Chemistry AP (Honors) AP Physics 1 Honors Advanced Physics AP (Honors)	11 or 12 11 or 12 11 or 12 11 or 12 12	Up to 6 Up to 6 Up to 6 Up to 6 Up to 6
Social Studies	AP Human Geography (Honors) United States History AP (Honors) Comparative Government and Politics AP (Honors) U.S. Government and Politics AP (Honors) Psychology AP (Honors)	9 11 12 12 12	3 Up to 6 3 3 3
World Language	Spanish 7-8 AP (Honors) German 7-8 AP (Honors)	12 12	Up to 6 Up to 6

\* AP courses are noted within each department by this designation:



## COLLEGE AND CAREER PLANNING

### ST. LOUIS UNIVERSITY'S 1818 ADVANCED COLLEGE CREDIT PROGRAM

Students who enroll for college credit with SLU 1818 will be limited to two (2) courses or 8 credit hours a semester. The cost is *approximately* \$75 per credit hour (Fee may vary based on SLU's tuition rates). Those who do not take it for college credit pay nothing. To get college credit, students must earn a "C" or better in the course. No other tests are required. Many colleges accept the hours from the SLU 1818 ACC Program, and students could start college with college credits and/or advanced placement. However, some colleges do not accept any ACC credits, or they have restrictions on the credits. It is strongly recommended that students check with the colleges that they are considering to see if the credit will be accepted. For more information, visit [www.slu.edu/1818](http://www.slu.edu/1818) or see Mrs. McMurray or Dr. Hentze.

WEST COURSE NAME	SLU COURSE NAME	POSSIBLE CREDITS	GRADE LEVEL
English 7-8 Honors/AP	<b>ENGL 1900</b> – Adv Strategies of Rhetoric and Research	3	12
	<b>ENGL 2850</b> – Nation, Identity, and Literature	3	
United States History AP (Honors)	<b>HIST 2600</b> – History of the US to 1865	3	11
	<b>HIST 2610</b> – History of the US since 1865	3	
French 5-6 Honors	<b>FREN 1010</b> – Communicating in French I	3	11,12
French 7-8 Honors	<b>FREN 1020</b> – Communicating in French II	3	12
	<b>FREN 2010</b> – Intermediate French Lang & Culture	3	
Forensic Science Honors	<b>FRSC 2600</b> – Survey of Forensic Science (2 <sup>nd</sup> sem)	3	11, 12
AP Physics I Honors	<b>PHYS 1220</b> – General Physics I	4	11, 12
Advanced Biology AP	<b>BIOL 1240/1245</b> – Principles of Biology I & Lab	4	11, 12
	<b>BIOL 1260/1265</b> – Principles of Biology II & Lab	4	

\* SLU courses are noted within each department by this designation:

**SLU**

## COLLEGE AND CAREER PLANNING

### SOUTHWESTERN ILLINOIS COLLEGE DUAL CREDIT OPPORTUNITY

SWIC Dual Credits courses are free to students who enroll in the dual credit courses at their high school and choose to enroll in the SWIC portion of the class. The option to enroll in the SWIC portion of the class will be presented by the instructor during the first few weeks of the class.

WEST COURSE NAME	SWIC COURSE NAME	POSSIBLE CREDITS	GRADE LEVEL
Technology Essentials	<b>OAT 170</b> – Keyboarding Touch Systems	2	9,10,11,12
Computer Concepts II	<b>OAT 130</b> – Word Processing Basics <b>OAT 132</b> – Spreadsheet Processing Basics <b>OAT 133</b> – Presentation Basics	3	9,10,11,12
Personal Finance	<b>MGMT 117</b> – Personal Finance	3	10,11,12
Marketing	<b>MGMT 201</b> – Entrepreneur Basics	3	10, 11, 12
Computer Programming II	<b>CISC 106</b> – Introduction to Cybersecurity <b>CISC 116</b> – Cisco Cybersecurity Essentials <b>NETW 101</b> – Introduction to Networking	1 2 3	10,11,12
CEO – Business Leadership	<b>MGMT 201</b> – Entrepreneur Basics <b>MGMT 203</b> – Business Plan Basics	4	12
CTE Cooperative Education & Apprenticeships	<b>MGMT 213</b> – Human Relations in the Workplace	3	12
Intro to Education	<b>ED 255</b> – Introduction to Education	3	11,12
Exceptional Child	<b>ED 265</b> – Introduction to Special Education	3	12
Orientation to Health Occupations	<b>HRO 101</b> – Health Science Careers	2	10,11,12
Medical Terminology	<b>HRO 160</b> – Medical Terminology	3	10,11,12
Machining & Metalworking I	<b>PMT 100</b> – Precision Machining Intro	.5	10,11,12
Engineering & Design II	<b>CAD 120</b> – Introductory CAD	4	11, 12
Mechanical Drafting or Architectural CAD	<b>ENGR 103</b> – Engineering Graphics	4	12
Fundamentals of Music	<b>MUS 104</b> – Fundamentals of Music	3	11, 12
Music Appreciation	<b>MUS 101</b> – Music Appreciation	3	11, 12
Statistics	<b>MATH 107</b> – General Education Statistics	4	12
Mass Media	<b>MCOM 201</b> – Introduction to Mass Communication	3	10, 11, 12
Public Speaking	<b>SPCH 151</b> – Fundamentals of Public Speaking	3	12
African American Literature	<b>LIT 216</b> – African American Literature	3	12
Applied Math	<b>GT 105</b> – Intro to Technical Math	4	12
AP Computer Science A	<b>CIS 180</b> – Intro to Programming <b>CIS 187</b> – Intro to Java	3 3	11, 12

## COLLEGE AND CAREER PLANNING

Spanish 7-8 H	<b>SPAN 201</b> – Intermediate Spanish	4	12
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\* SWIC courses are noted within each department by this designation:

SWIC

### SOUTHWESTERN ILLINOIS COLLEGE DUAL CREDIT OPPORTUNITY (@ THE CAVE)

WEST COURSE NAME	SWIC COURSE NAME	POSSIBLE CREDITS	GRADE LEVEL
Early Childhood Education I	<b>ECE 110</b> – Intro to Early Childhood Education	3	11,12
	<b>ECE 114</b> - Child Health Maintenance	3	
Early Childhood Education II	<b>ECE 112</b> – Growth & Development of Children	3	12
Community Health Worker	<b>HMS 100</b> – Intro to Human Services	3	12
	<b>HRO 150</b> – Fundamentals of Nutrition	2	
	<b>CHW 102</b> – Public Health Client Care	1	
	<b>CHW 104</b> – Chronic Disease Management	2	
	<b>CHW 106</b> – Behavioral and Mental Health	2	
	<b>CHW 108</b> – Maternal and Infant Health	2	
	<b>CHW 110</b> – Clinical Experience	4	
	<b>HRO 160</b> – Medical Terminology	3	
Carpentry & Construction II	<b>CMT 145</b> – Building Trades I	4	11,12
Carpentry & Construction III	<b>CMT 146</b> – Building Trades II	4	12
Machining & Metalworking II	<b>PMT 101</b> – Introduction to Machine Trades	3	11,12
Machining & Metalworking II	<b>PMT 110</b> – Introduction to CNC Operations	2	12
Welding II	<b>WLDT 101</b> – Introduction to Welding	5	11,12
	<b>WLDT 152</b> – All Position Arc Welding	5	
Welding III	<b>WLDT 201</b> – Advanced Arc Welding	6	12
	<b>WLDT 252</b> – Pipe Welding	4	
	<b>WLDT 253</b> – GTAW/GMAW/FCAW/PAC	4	
Advanced Aviation	<b>AVIA 101</b> – Private Pilot Flight Theory (Airplane)	4	11,12
CTE Cooperative Education & Apprenticeships	<b>MGMT 213</b> – Human Relations in the Workplace	3	12

\* SWIC courses are noted within each department by this designation:

SWIC

Categories	Art Course Options
A	Introduction to Graphic Art
B	Photography Ceramics, Sculpture & Jewelry Graphic Design Painting
C	AP 2-D Studio: Photography Advanced Ceramics, Sculpture & Jewelry AP Studio Art: Drawing Advanced Painting Art Studio

Year	Art Sequence
1 <sup>st</sup> year	All art students begin with Introduction to Graphic Art. (A grade of “C” or higher must be attained in this course to take a second year of art.)
2 <sup>nd</sup> year	The art student may choose from any of the art classes in Category B. (A grade of “C” or higher must be attained in this course to take a third year of art.)
3 <sup>rd</sup> year	The art student has the opportunity to either continue his or her second year studies as an advanced student by taking the corresponding class from Category C or choose to take another course from Category B. (Written permission from the instructor and a grade of “C” or higher is required to take an advanced course from Category C.)
4 <sup>th</sup> year	The art student has the same opportunities as a third year student.
Seniors	Many seniors try to keep two hours of the school day open to take two art classes. This is possible as long as Introduction to Graphic Art has been successfully completed during 9-11 <sup>th</sup> grade, and the student has completed his or her high school requirements in math, English, science, and history. In this case, the student may take either two classes from Category B, two pre-approved classes from Category C, or one class from each category.

**Introduction to Graphic Art 1-2 (1000)**

Grade Level: 9, 10, 11, 12  
 Course Level: General  
 Credits: .50 per semester (2 semesters)  
 Prerequisite: None

A course designed to foster an awareness and understanding of graphic design as it relates to our modern society. Design problems are explored through the use of various media which include pencil, acrylic, ink, montage and charcoal, as utilized in the Graphics Communication industry. The student will explore and discuss the job potential in the field of graphic communication. Successful completion of this course with a “C” or above is a prerequisite for all higher level art courses. No text. Fee required.

**Ceramics-Sculpture-Jewelry (1115)**

Grade Level: 10, 11, 12  
 Course Level: General  
 Credits: .50 per semester (2 semesters)  
 Prerequisite: Successful completion of Introduction to Graphic Art or Department Chair Approval

During the first semester, students obtain general knowledge about the field of ceramics and learn techniques of pottery-making. Clay processes such as modeling, coiling, slabbing, casting, surface decorating, glazing, and firing are taught. No text. Fee required.

## Painting 1-2 (1111)

Grade Level: 10, 11, 12

Course Level: General

Credits: .50 per semester (2 semesters)

Prerequisite: Successful completion of Introduction to Graphic Art 1-2 or Department Chair Approval

Painting exercises, color theory, major movements, and experimentation comprise first semester activities. Idea development as well as technique requirements and personal choice are the major thrusts during second semester. No text. Fee required.

## Graphic Design 1-2 (1113)

Grade Level: 10, 11, 12

Course Level: General

Credits: .50 per semester (2 semesters)

Prerequisite: Successful completion of Introduction to Graphic Art 1-2 or Department Chair Approval

Graphic Design is an in-depth study of media technique and critical thinking skills needed to produce art. A creative approach to problem solving is stressed. The basic materials of the graphic design field are explored. Projects in poster design, illustration and rendering are presented. This course continues and expands upon the in-depth studies of media, technique and critical thinking skills needed to produce art which were begun in Graphic 1 Design. Students study advertising, industrial, book, airbrush, and illustration. No text. Fee required.

## Art Studio (1116)

Grade level: 12

Course level: Advanced

Credits: .50 per semester (2 semesters)

Prerequisite: Adv. Painting, AP Studio Art: Drawing, Adv. Ceramics-Sculpture-Jewelry, or AP 2D Studio: Photography and permission from Art instructor

This course is an additional year of study for students who have completed the Advanced level of an Art class. Students will have the opportunity to further develop their skills in a specific area and work toward creating a portfolio that expresses their personal style. The portfolio can be used for college review and scholarship opportunities. The student will organize and develop twenty four pieces of art to show breadth (a variety of work to show mastery of the elements and principles of design) and concentration (a body of work unified by an underlying idea that has visual coherence). Students will also develop a written artist statement that summarizes their process, meaning and style. Students must be self-

disciplined and highly motivated. Students who are considering a career in the arts are strongly encouraged to take this course. No text. Fee required.

## Photography 1-2 (1119)

Grade Level: 10, 11, 12

Course Level: General

Credits: .50 per semester (2 semesters)

Prerequisite: Introduction to Graphic Art with a grade of "C" or above or Department Chair Approval

This course provides the student with a basic introduction to the principles and processes of photography. Students learn safe darkroom procedures, and a clean environment is stressed. Students are given a survey of the history of photography and its role in society and the work place. Students explore the job potential in the field of photography. Students work on the following: the nomenclature of photography, basic physics as applied to photography, darkroom processes, and camera techniques. Students continue to explore the job potential in the field of photography as they work on the following: basic studio portrait and illustration procedures, photography finishing, and photograph retouching techniques. A possible field trip may be taken per semester. The Illinois Learning Standards will be integrated throughout the course through Discipline Based Art Education (DBAE): art aesthetics, art criticism, art history and art production. Fee required.

## Advanced Painting (1221)

Grade Level: 11, 12

Course Level: Advanced

Credits: .50 per semester (2 semesters)

Prerequisite: One unit of a particular advanced studio class with a grade of "C" or above and written permission from the instructor is required

Students enrolled in this course will work to advance skills acquired in Painting 1-2. Though not designated as an AP preparation course, some AP activities are included in the curricula. No text. Fee required.

## Advanced Ceramics-Sculpture-Jewelry (1225)

Grade Level: 11, 12

Course Level: Advanced

Credits: .50 per semester (2 semesters)

Prerequisite: One unit of a particular advanced studio class with a grade of “C” or above and written permission from the instructor is required

Students enrolled in this course will work to advance skills learned in Ceramics-Sculpture-Jewelry 1-2. Though not designated as an AP preparation course, some AP activities are included in the curricula. No text. Fee required.

## AP Studio Art: Drawing (1224)

Grade Level: 11, 12

Course Level: Honors

Credits: .50 per semester (2 semesters)

Prerequisite: Successful completion of Graphic Design with a grade of “C” or above and instructor approval. 12

Breadth pieces illustrating the student’s mastery of the Elements and Principles of Design must be complete prior to enrollment. These pieces should come from work completed in Introduction to Graphic Art, Graphic Design. Outside work is also accepted.

This course is an AP studio course that focuses the students to create an in-depth study of one complex idea. The students will be expected to utilize the multimedia, technique (variety of tools and mediums), and critical thinking skills possessed in their earlier coursework to produce a 12 piece body of work, concentration, to present to the AP College Board for consideration in the Spring. A score of 3 to 5 will earn the student college credit. In doing so, students will also be preparing a portfolio for presentation to prospective employers or for college entrance. Information regarding the establishment of a business is discussed. A survey of trends in drawing is presented to make the students aware of the demands in the field of Fine Arts. Additional focus on art production, art criticism, art history and art aesthetics and all the elements of the principles of design will be included. The Illinois Learning Standards will be integrated throughout the course through Discipline Based Art Education (DBAE): art aesthetics, art criticism, art history and art production, as well as through the use of reading comprehension, writing, basic principles of math and science and a historical survey. 12 Breadth pieces illustrating each student’s mastery of the Elements and Principles of Design must be complete prior to enrollment. These pieces should come from work completed in Introduction to Graphic Art and Graphic Design. No text. Fee required.

## AP 2D Studio: Photography (1231)

Grade Level: 11, 12

Course Level: Honors

Credits: .50 per semester (2 semesters)

Prerequisite: Successful completion of Photography with a grade of “C” or above and instructor approval.

Completion of 9 rolls of film, 2 series per roll, is required to be taken prior to the first day of school. Please see the instructor for more information about this requirement prior to registration.

AP

This course provides the students with the opportunity to illustrate a mastery of work/study in manual and digital photography, studio lighting, light metering, manipulation of photos via multimedia software, and exploring a variety of advanced developing techniques in photography. Emphasis on darkroom procedures and techniques in the development of film into negatives and prints are continued. Students will prepare and complete a portfolio for presentation to prospective employers and for college entrance. A focus on preparing a portfolio to be reviewed by the AP College Board in Spring is the focus. The students will focus on completing a 3 part portfolio: Breadth, Concentration, and Quality to meet the requirements of the AP College Board. A score of 3 to 5 will earn the student college credit. Information regarding the establishment of a business is discussed. A survey of trends in photography is presented to make the students aware of the demands in the field of photography. A possible field trip may be taken per semester. The Illinois Learning Standards will be integrated throughout the course through Discipline Based Art Education (DBAE): art aesthetics, art criticism, art history and art production, as well as through the use of reading comprehension, writing, basic principles of math and science and a historical survey. Fee required.



# CAREER & TECHNICAL EDUCATION DEPARTMENT BUSINESS & TECHNOLOGY

Cherri Thompson, Department Chairperson

Grade	Business Course Options	Honors Credit
9	Intro to Business and Technology Concepts Technology Essentials (full and half hour options) Computer Concepts 1 Computer Concepts 2 Computer Programming I	
10	Intro to Business and Technology Concepts Technology Essentials (full and half hour options) Computer Concepts 1 Computer Concepts 2 Computer Programming I College and Career Prep (full and half hour options) Personal Finance Accounting I Marketing (e-Marketing, Social Media) Business Management & Entrepreneurship Business Law & Ownership IT - Multimedia 1 (Video/Photoshop/Animation/Web) IT - Multimedia 2 (Video/Photoshop/Animation/Web)	Computer Programming II Honors Accounting I
11 & 12	Technology Essentials (full and half hour options) Computer Concepts 1 Computer Concepts 2 Computer Programming I College and Career Prep (full and half hour options) Personal Finance Accounting I Marketing (e-Marketing, Social Media) Business Management & Entrepreneurship Business Law & Ownership IT - Multimedia 1 (Video/Photoshop/Animation/Web) IT - Multimedia 2 (Video/Photoshop/Animation/Web) CTE Cooperative Education & Apprenticeship Program (Application process) (12 <sup>th</sup> Only)	Computer Programming II Honors Accounting I Honors Accounting II CEO – Business Leadership (Application process) (12 <sup>th</sup> Only)

## Introduction to Business and Technology Concepts (3000)

Grade Level: 9, 10

Course Level: General

Credits: .50 per semester (2 semesters)

Prerequisite: None

This course will provide an overview of all aspects of business, including the concepts, functions, and skills required for meeting the challenges of operating a business in a global economy. Topics covered will include the various forms of business ownership and the basic functional areas of business (finance, management,

marketing, administration and production). This course introduces a wide range of careers in fields such as accounting, financial services, information technology, marketing, and management. Emphasis will be placed on using the computer while studying applications in these careers. Workplace skills, business ethics, math, problem solving and communication skills will also be taught and integrated throughout this course. This course meets the requirements for graduation in consumer education. Fee Required (12051A001)

# CAREER & TECHNICAL EDUCATION DEPARTMENT BUSINESS & TECHNOLOGY

Cherri Thompson, Department Chairperson

## Technology Essentials (3247, 3248)

Grade Level: 9, 10, 11, 12  
Course Level: General  
Credits: .50 per semester (1 semester)  
Prerequisite: None

SWIC

This course is designed to develop the abilities to key by touch, proofread, correct errors, and format documents. Production of business documents that meet today's business standards is stressed. Speed and accuracy skills are developed and measured. This course would benefit any student wanting to develop keyboarding skills to keep up with today's technology. Students will produce a variety of documents needed to be successful in high school, college, and virtually every career. Dual credit for OAT 170, 2 credit hrs. Fee Required (12005A001)

## Technology Essentials (3215, 3216)

Grade Level: 9, 10, 11, 12  
Course Level: General  
Credits: .25 per semester (2 semesters) opposite lunch or half of honors lunch  
Prerequisite: None

SWIC

This course is the same as the Technology Essentials course listed above except that it is offered only during lunch hours, opposite a half hour lunch or in place of a study hall. This is a full year course and will meet for a half hour each day. (12005A001)

## Computer Concepts 1 (3236, 3246)

Grade Level: 9, 10, 11, 12  
Course Level: General  
Credits: .50 (1 semester)  
Prerequisite: None

This course includes concepts and terminology related to Information Processing. Students will develop awareness and understanding of application software and equipment used by individuals to perform tasks in business, marketing and management. Students will apply problem-solving skills to hands-on, real-life situations using a variety of software applications including Microsoft Office basics and Google Suite basics (word processing, spreadsheets, databases, presentation software and desktop publishing). Students will explore topics related to computer concepts, and emerging technologies, including introduction to coding and basic HTML, file management, and email. Business Ethics and workplace

skills will be included throughout the course. Fee Required (10005A001)

## Computer Concepts 2 (3230, 3260)

Grade Level: 9, 10, 11, 12  
Course Level: General  
Credits: .50 per semester (1 semester)  
Prerequisite: Computer Concepts 1

SWIC

This course includes more advanced concepts and terminology related to Information Processing. Students will broaden awareness and understanding of application software and equipment. The course content will cover more complex business applications and will challenge the student to solve information problems through the use of the Microsoft Office Suite and the Google Suite. Students will explore topics related to computer concepts, and emerging technologies, including Photoshop, Audacity, file management, and email. Business Ethics and workplace skills will be included throughout the course. Dual credit for OAT 130, 132, 133, 3 credit hrs. Fee Required (10005A002)

## Computer Programming I (XXXX)

Grade Level: 9, 10, 11, 12 (Recommended for students in grades 9-10 wanting to pursue a career in computer science and planning to take additional programming courses.)  
Course Level: General  
Credits: .50 per semester (1 semester)  
Prerequisite: None

Computer Programming I is designed to develop computer programming and program design skills. Students will be exposed to the fundamentals of system analysis and design (e.g. flowcharting, diagramming, system design and planning), and the systems development life cycle. Instruction will include basic programming tools that are common to many programming languages. These may include items such as input/output statements, constants, assignment statements, string and numeric variable types, conditional processing, and branching and looping control structures. Students will learn programming techniques such as counting, averaging, rounding, and generation of random numbers to develop a good programming technique. Students will apply what they learn to create programs and applications that solve real world business related problems. Students will create programs to store, locate and retrieve data. Fee Required (10012A001)

# CAREER & TECHNICAL EDUCATION DEPARTMENT BUSINESS & TECHNOLOGY

Cherri Thompson, Department Chairperson

## Computer Programming II

Grade Level: 10, 11, 12

Course Level: Honors

Credits: .50 per semester (2 semesters)

Prerequisite: Computer Programming I strongly recommended

SWIC

Computer Programming II is a skill-level course introducing students to the concepts of cybersecurity. This course provide students with the knowledge and skills to assess cyber risks to computers, networks, and software programs. Students will learn how to create solutions to mitigate cybersecurity risks. It will also cover the legal environment and ethical computing behavior related to cybersecurity. Students will also learn the skills needed to setup, configure, test, troubleshoot, maintain, and administer a data network using various network operating systems such as Cisco. Instruction will include network planning decisions, such as choosing an appropriate network configuration, determining the performance level requirements considering the differences among operating systems, and recommending network interface cards and cabling. (10020A001)

## College and Career Prep (3356, 3365)

Grade Level: 10, 11, 12

Course Level: General

Credits: .50 (1 semester)

Prerequisite: None

This college and career readiness course is designed to help students establish an educational plan through discovery of career and personal interests. Topics in this course include identifying and researching college and career options, employment and college applications, academic and employment resumes, business communication documents, interviewing, email etiquette, social media and internet safety, soft skills development, time management, and general organizational skills. Fee Required. (22151A001)

## College and Career Prep (3357/3358)

Grade Level: 10, 11, 12

Course Level: General

Credits: .25 (2 semesters) opposite lunch or half of honors lunch

Prerequisite: None

This course is the same as the College and Career Prep course listed above except this it is offered only during lunch hours, opposite a half hour lunch or in place of a study hall. This is a full year course and will meet for a half hour each day. (22151A001)

## Personal Finance (3120, 3121)

Grade Level: 10, 11, 12

Course Level: General

Credits: .50 per semester (1 semester)

Prerequisite: None

SWIC

Personal Finance is the development of the skills, concepts, and understandings required for everyday living in our economy. Instructional activities focus on managing personal economic affairs to gain maximum satisfaction within the framework of the student's own values. This course will teach students how to manage their personal resources with emphasis on the areas of budgeting, recordkeeping, insurance, credit, investing, banking services, comparison shopping, and time management. This course meets the consumer education graduation requirement and is project and technology based. Dual credit for MGMT 117, 3 credit hrs. Fee Required (12007A001)

## Accounting I (3223)

Grade Level: 10, 11, 12

Course Level: General

Credits: .50 per semester (2 semesters)

Prerequisite: None

Accounting is a skill level course that is of value to all students pursuing a strong background in business, marketing, and management. This course includes planned learning experiences that develop initial and basic skills used in systematically computerizing, classifying, recording, verifying, and maintaining numerical data involved in financial and product control records including the paying and receiving of money. Instruction includes information on keeping financial records, summarizing them for convenient interpretation, and analyzing them to provide assistance to management for decision making. Accounting computer applications will be integrated throughout the course. Fee Required (12104A001)

# CAREER & TECHNICAL EDUCATION DEPARTMENT

## BUSINESS & TECHNOLOGY

Cherri Thompson, Department Chairperson

### Honors Accounting I (3222)

Grade Level: 10, 11, 12  
Course Level: Honors  
Credits: .50 per semester (2 semesters)  
Prerequisite: Previous Honors Courses or Instructor Approval

This is an Honors course that includes all the topics covered in Accounting but at an accelerated pace covering more material. Accounting computer applications and MS Excel will be integrated throughout the course. Fee Required (12104A001)

### Honors Accounting II (3352)

Grade Level: 11, 12  
Course Level: Honors  
Credits: .50 per semester (2 semesters)  
Prerequisite: Accounting I or Honors Accounting I

Honors Accounting II is a skill-level course that builds upon the foundation established in Accounting I. This course is planned to help students to develop a deeper knowledge of the principles of accounting with more emphasis being placed on “financial statements.” It is a study of previously learned principles as they apply to the more complicated types of business organizations, partnerships, corporations, branches, etc. The students will become familiar with such specialized fields of accounting such as cost accounting, tax accounting, payroll accounting, and others. Computer programs will be utilized throughout the course. Managerial accounting to include the preparation and analysis of financial statements is covered. Fee Required (12104A002)

### Marketing (e-Marketing, Social Media) (3217)

Grade Level: 10, 11, 12  
Course Level: General  
Credits: .50 per semester (2 semesters)  
Prerequisite: None

This course is designed for those students interested in a career in business as well as for those students interested in cyber security, digital marketing, and social media marketing. The main goal of the course is to introduce students to the many facets of marketing: general marketing, our free enterprise system, small business management and ownership, and service- and product-oriented marketing and distribution systems. This course is planned to help students develop a deeper knowledge of

product-oriented marketing, be exposed to the differences of marketing in different industries and to master skills in marketing. This course also introduces students to basic cyber security and digital marketing concepts, as well as using social media as a tool in the marketing industry. The latest digital marketing trends will be discussed including social networks such as Facebook, Twitter, Tumblr, Instagram, and LinkedIn. Computer simulation projects may be utilized to reinforce the students’ understanding of topics included in this course. (12152A001)

### Business Law and Ownership (3241, 3251)

Grade Level: 10, 11, 12  
Course Level: General  
Credits: .50 per semester (1 semester)  
Prerequisite: None

Business Ownership gives students an understanding of the fundamental principles of business operations as they relate to the functions and tasks associated with owning and operating a business. In addition, the legal responsibilities and requirements of business in such areas as business ownership, contracts, buying, selling, employment, consumerism, and business liability will be covered. Communication and several of the learning standards are emphasized throughout the course. The students also gain an understanding of how our criminal, civil, and juvenile court systems work in relation to business ownership. Business Law & Ownership is a practical course for all students, especially those interested in careers in business or legal professions. (12054A001)

### Business Management & Entrepreneurship (3242, 3252)

Grade Level: 10, 11, 12  
Course Level: General  
Credits: .50 per semester (1 semester)  
Prerequisite: None

This course covers business organization in the free enterprise system, internal organization, finance, purchasing and pricing procedures, marketing, management theory, and communication. The entrepreneurship instruction focuses on acquainting students with the knowledge and skills necessary to own and operate their own businesses. The course may also emphasize problem-based, real-world applications of business concepts and use accounting concepts to formulate, analyze, and evaluate business decisions. Computer simulation projects may be used to provide a better understanding of the decisions made in management. (12052A001)

# CAREER & TECHNICAL EDUCATION DEPARTMENT

## BUSINESS & TECHNOLOGY

Cherri Thompson, Department Chairperson

### IT – Multimedia 1 (3391, 3392)

Grade Level: 10, 11, 12  
Course Level: General  
Credits: .50 per semester (1 semester)  
Prerequisite: None

This is a skill-level course that includes the concepts, skill development, and terminology related to the people, equipment, and procedures of information processing. Students will learn to conduct research on the Internet and/or Intranet. Knowledge of the Windows operating environment will be introduced. Students will gain exposure to advanced presentation techniques and to cutting-edge technologies, such as: text messaging, video conferencing, integrated coverage of graphics, animation, video and audio editing, presentation conferencing, web design, digital photography and hand-held technologies. Fee Required (10005A000)

### IT – Multimedia 2 (3393, 3394)

Grade Level: 10, 11, 12  
Course Level: General  
Credits: .50 per semester (1 semester)  
Prerequisite: Multimedia 1 and Teacher Approval

This course is a continuation of Multimedia 1. It reinforces and builds concepts, skill development, and terminology related to the people, equipment, and procedures of information processing with emphasis in higher skill levels of software programs and equipment operation. Students will continue to learn to conduct research on the Internet and/or Intranet. Knowledge of the Windows operating environment will be introduced. Students will gain additional exposure to advanced presentation techniques and to cutting-edge technologies, such as: text messaging, video conferencing, integrated coverage of graphics, animation, video and audio editing, presentation conferencing, web design, digital photography and hand-held technologies. Fee Required (10005A000)

### CTE Cooperative Education & Apprenticeships (3375, 3376)

(Career & Technical Education)

Grade Level: 12  
Course Level: General  
Credits: 1.5 per semester (2 semesters)  
Prerequisite: Application and Coordinator Approval

This is a capstone course designed to assist students in the development of effective skills and attitudes through practical, advanced instruction in school and on the job through cooperative education. Students are released from school for their cooperative education work experience. Classroom instruction focuses on providing students with job survival skills and career exploration skills related to the job and improving students' abilities to interact positively with others. The course content includes the following broad areas of emphasis: further career education opportunities, planning for the future, job-seeking skills, personal development, human relationships, legal protection and responsibilities, economics and the job, organizations, and job termination. A qualified career and technical education coordinator is responsible for supervision. Written training agreements and individual student training plans are developed and agreed upon by the employer, student and coordinator. The coordinator, student, and employer assume compliance with federal, state, and local laws and regulations. (12098A002)

### CEO – Business Leadership (3150)

Grade Level: 12  
Course Level: Honors  
Credits: 1.0 per semester (2 semesters)  
Prerequisite: Application Process

SWIC

CEO is a year-long course designed to utilize partnerships that provide an overview of business development and processes. The local business community partners with area schools to create project-based experiences for students by providing funding, expertise, meeting space, business tours and one-on-one mentoring. Students visit area businesses, learn from guest speakers, participate in a class business, write business plans, and start and operate their own business. Business concepts learned through the experiential CEO class are critical; the 21st century skills of problem solving, teamwork, self-motivation, responsibility, higher order thinking, communication and inquiry are at the heart of student development throughout the course. Dual credit for MGMT 201, 203, 4 credit hrs. (12053A001)

**CAREER & TECHNICAL EDUCATION DEPARTMENT  
BUSINESS & TECHNOLOGY**

Cherri Thompson, Department Chairperson

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**Technology Shop Foreman (3965)**

Grade Level: 12

Course Level: General

Credits: .50 per semester (2 semesters)

Prerequisite: Successful completion of all courses in subject area of interest and/or instructor and dept chair approval

A student may be chosen as a Shop Foreman to work with a particular instructor to extend the student's knowledge and abilities in a given subject area. Also the student will be given responsibilities with the students in a class similar to the responsibilities of a foreman in the industry. The major goal is to develop leadership aspects in the student. (12048A002)

**CAREER & TECHNICAL EDUCATION DEPARTMENT  
FAMILY & CONSUMER SCIENCE**

Cherri Thompson, Department Chairperson

Grade	Family and Consumer Science Course Options (Held at WEST Campus)	Course Options (Held at CAVE Campus)
9	Expedition CAVE Intro to Family and Consumer Science Child Growth & Development	
10	Expedition CAVE Clothing and Fashion Design 1 Clothing and Fashion Design 2 Culinary I Child Growth & Development Housing/Interior Design	
11	Expedition CAVE Clothing and Fashion Design 1 Clothing and Fashion Design 2 Culinary I Culinary II Housing/Interior Design Parenting Adult Living Intro to Education	Early Childhood Education I
12	Expedition CAVE Clothing and Fashion Design 1 Clothing and Fashion Design 2 Culinary I Culinary II Housing/Interior Design Parenting Adult Living Intro to Education Exceptional Child CTE Cooperative Education & Apprenticeship Program (Application process)	Culinary III Early Childhood Education I Early Childhood Education II

**Expedition CAVE (3702)**

Grade Level: 9 (preferred), 10, 11, 12  
 Course Level: General  
 Credits: .50 per semester (2 semesters)  
 Prerequisite: None

The Expedition CAVE rotation experience is a HANDS-ON journey for students. Students will spend six weeks participating in project-based learning in the following areas: Engineering & Design, Culinary, Welding,

Carpentry & Construction, Machining & Metalworking, and Automotive. These six areas expose students to career and training options. This course also helps students identify and evaluate personal goals, priorities, aptitudes, and interests with the goal of helping them make informed decisions about their future. Fee Required (22151A001)

# CAREER & TECHNICAL EDUCATION DEPARTMENT

## FAMILY & CONSUMER SCIENCE

Cherri Thompson, Department Chairperson

### **Introduction to Family and Consumer Science (3402)**

Grade Level: 9  
Course Level: General  
Credits: .50 per semester (2 semesters)  
Prerequisite: None

This course is the suggested first course for all family consumer science and food service programs. It presents basic subject matter in these areas: 1) clothing and textiles; 2) resource management; 3) foods and nutrition; 4) housing furnishings, and equipment; 5) human development, interpersonal, and family relationships; and 6) introduction to the world of work. Learning experiences assist students in understanding themselves, their roles in today's society, social and communication skills, the world of work, and the nature and value of family and consumer science-related activities. Cooking lab experiences will be incorporated. Lab and Project Fee required (purchase of material and supplies for sewing project). (General) (22201A001)

### **Child Growth and Development (3543, 3544)**

Grade Level: 9, 10  
Course Level: General  
Credits: .50 per semester (1 semester)  
Prerequisite: None

This course emphasizes learning experiences, which help students gain knowledge and understanding of the intellectual, physical, social and emotional development of children from conception through adolescence. The course content includes: managing and organizing child development by applying decision-making and goal-setting skills; promoting child development by applying physical, social, intellectual, and emotional principles; practicing health and safety standards for children; providing experiences which encourage children to maximize resources; encouraging human relations skills in children; and evaluating family and career changes in relation to its impact on children. Information related to careers in childcare is incorporated throughout the course. (19051A001)

### **Clothing and Fashion Design 1 (3423)**

Grade Level: 10, 11, 12  
Course Level: General  
Credits: .50 per semester (1 semester)  
Prerequisite: None

This course is planned to provide students opportunities to develop knowledge of textiles and fashion and to apply this knowledge both personally and occupationally. The course content centers around developing student's competencies in selecting clothing textile products to meet social, physical, psychological, and economic needs and constructing, altering, and repairing textile products. Applied math skills will be stressed throughout the course. Other areas of emphasis include information on career opportunities and related topics in fashion and merchandising. Lab and Project Fee required (purchase of material and supplies for sewing project). (19201A001)

### **Clothing and Fashion Design 2 (3424)**

Grade Level: 10, 11, 12  
Course Level: General  
Credits: .50 per semester (1 semester)  
Prerequisite: Successful completion of Clothing and Fashion Design 1

This course is devoted to increasing the level of knowledge and skills of students as they construct, purchase, care for and work with clothing, accessories and textiles. Ways in which aspects of fashion interact with the market will be explored. Broad areas of emphasis for this course include career opportunities in fashion and textile fields, clothing maintenance, construction and merchandising. How these concepts are used occupationally is stressed. Applied math skills will be stressed throughout the course. Lab and Project Fee Required (purchase of material and supplies for sewing project). (19203A001)

### **Culinary I (3411)**

Grade Level: 10, 11, 12  
Course Level: General  
Credits: .50 per semester (2 semesters)  
Prerequisite: None

This course includes classroom and laboratory experiences needed to develop a knowledge and understanding of culinary principles and nutrition for people of all ages. Course content encompasses: food service and preparation management using the decision-



# CAREER & TECHNICAL EDUCATION DEPARTMENT

## FAMILY & CONSUMER SCIENCE

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making process; meeting basic needs by applying nutrition concepts; meeting health, safety, and sanitation requirements; maximizing resources when planning/preparing/preserving/serving food; applying hospitality skills; analyzing nutritional needs in relation to change; and careers in nutrition and culinary arts. Fee Required (16054A001)

### Culinary II (3532)

Grade Level: 11, 12

Course Level: General

Credits: .50 per semester (2 semesters)

Prerequisite: Culinary I

This course provides terminology, culinary math, and practical experiences needed for the development of culinary competencies and workplace skills. Safety and sanitation instruction and classroom application will prepare students for an industry recognized sanitation exam. Classroom experiences will develop skills to work in the front of the house, back of the house, and workstations. Additional content may include: event planning, customer service and relations, food service styles, baking and pastry arts, hors d'oeuvres, and breakfast cookery. The students receive laboratory training experiences, preparing and serving food. Fee Required (16052A001)

### Culinary III (3552)

Grade Level: 12

Course Level: Advanced

Credits: 1.0 per semester (2 semesters)

Prerequisite: Culinary II and Instructor Approval

This course places special emphasis for students to develop operational management skills - including design and organization of food service systems in a variety of settings, human relations, and personnel training and supervision. Additional topics include: food cost accounting; taking inventory; advertising; monitoring consumer and industry trends; and individualized mastery of culinary techniques. Training experiences involve equipment and facilities simulating those found in business and industry. Fee Required (16055A001)

CAVE

### Housing/Interior Design (3534, 3535)

Grade Level: 10, 11, 12

Course Level: General

Credits: .50 per semester (1 semester)

Prerequisite: None

Learning experiences are designed to provide students with the basic knowledge and skills needed to select, acquire, maintain, and manage living environments that meet the needs of the occupants. Utilizing resources and consumer information by applying goal-setting and decision-making skills; evaluating living space to meet basic principles of layout and design, ensuring health and safety; selecting appropriate resources in creating living environments; determining the impact of the individual and/or group on living environments; applying housing and home management choices relating to changing family/individual and career patterns. Emphasis will be placed on the application of the basic management principles as they relate to the environment (modified to accommodate Resource Management goals). (05193A001)

### Parenting (3541, 3542)

Grade Level: 11, 12

Course Level: General

Credits: .50 per semester (1 semester)

Prerequisite: None

This course is designed to help students think through the responsibilities, satisfactions, and stresses of parenthood. Many types of parenting situations are examined. Stress prevention and management and the work of community agencies that help parents deal with various types of parenting crises are emphasized. The course content includes: managing and organizing parenting by applying decision-making and goal-setting skills; applying the basic principles of the parenting process; understanding child development, practicing health and safety standards as related to parenting; accomplishing mutual goals by utilizing human and financial resources; encouraging human relations skills in children/adolescents; and evaluating impact on parenting of family and career changes. Special attention is given to the needs of teenage parents and to the importance of readiness for parenthood (modified to accommodate Resource Management goals). This course meets the requirements for graduation in consumer education. Fee Required (19052A001)

# CAREER & TECHNICAL EDUCATION DEPARTMENT

## FAMILY & CONSUMER SCIENCE

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### Adult Living (3537, 3538)

Grade Level: 11, 12  
Course Level: General  
Credits: .50 per semester (1 semester)  
Prerequisite: None

This course is designed to assist individuals and families in achieving life satisfaction through responsible participation as adults in the home, community, and workplace. Emphasis is placed on the development of prevention strategies, which will assist individuals in responding to situations in terms of their identified values and goals. The course content includes: developing short and long-range plans, demonstrating goal-setting and decision-making skills; evaluating and adapting basic needs to assume roles and responsibilities; applying consumer rights and responsibilities in the market place; analyzing resource; consumer management skills necessary for present and future decisions; recognizing and following health practices that assist in coping, selecting, and using resources to enhance individual growth and development; developing effective relationships to promote communication with others; and evaluating family and career changes as to the impact on individuals. Various resources to assist with life problems are explored (modified to accommodate Resource Management goals). This course meets the requirements for graduation in consumer education. (19259A001)

### Early Childhood Education I (3619, 3620)

Grade Level: 11, 12  
Course Level: General  
Credits: 1.0 per semester (2 semesters) – 2 hour class  
Prerequisite: None, Child Growth & Development recommended

SWIC

CAVE

The fall semester of this course introduces students to the principles underlying teaching and learning, responsibilities and duties of teachers, and strategies and techniques to deliver knowledge and information. A combination of classroom and field experiences will enable the student to gain skilled knowledge and understanding of the education profession. Course content includes projects to develop an understanding of the learner and the learning process, instructional planning, the learning environment, assessment and instructional strategies, career opportunities in the field of education, and Illinois regulations and licensing requirements. (19151A001)

The spring semester of this course prepares students to guide the development of young children in an educational setting through classroom and job shadowing experiences. Course content includes child development, care, and education issues. Project-based learning experiences include planning and implementing developmentally appropriate activities, basic health and safety practices, and legal requirements of teaching young children. Students will research the requirements of early childhood education careers and develop/expand their career portfolio. (19153A001)

### Early Childhood Education II (3622)

Grade Level: 12  
Course Level: General  
Credits: 1.0 per semester (2 semesters) – 2 hour class  
Prerequisite: Early Childhood Education II

SWIC

CAVE

This course focuses on the development and wellness of individuals and families throughout the life cycle. Topics include human development and wellness theories, principles, and practices; life cycle expectations and issues, including biological, physiological, social, and psychological needs and concerns of aging adults; community services, agencies, and resources; roles, responsibilities, and functions of families, family members and caregivers; family issues, including ethics, human worth and dignity, change, stress, neglect and abuse, and care of the care-giver; individual and family wellness planning; and fostering intergenerational relationships. Practical experiences related to these topics are included through a variety of opportunities. Information on a variety of human and family services careers is incorporated throughout the course. **The students will also be working on their portfolio for the CDA (Child Development Associate) credential and will prepare for the ParaPro Certification Test.** (19261A001)

### Intro to Education (3614)

Grade Level: 11, 12  
Course Level: General  
Credits: .50 per semester (2 semesters)  
Prerequisite: None

SWIC

This year-long course is an introduction to the field of education, examining the different aspects of education as a profession. Course topics may include: current issues in education, basic instructional strategies, and topics on cultural diversity. An overview of the social, historical, and philosophical foundations of education

# CAREER & TECHNICAL EDUCATION DEPARTMENT FAMILY & CONSUMER SCIENCE

Cherri Thompson, Department Chairperson

and educational theory in human growth and development will also be applied. Students will complete 20 on-site observation hours. This course is a prerequisite for The Exceptional Child. (19152A001)

## Exceptional Child (3615)

Grade Level: 12  
Course Level: General  
Credits: .50 per semester (2 semesters)  
Prerequisite: Intro to Education



This is a survey course that presents the historical, philosophical and legal foundations of special education, as well as an overview of the characteristics of individuals with disabilities. The diversity of the populations of individuals with disabilities will be studied. The Individuals with Disabilities Education Act (IDEA) will be examined as well as the programs that serve special education populations as a result of this act. Students should plan schedules in advance for 30 hours of field experience at an assigned school site 2-4 hours per week. (19154A002)

## CTE Cooperative Education & Apprenticeships (3375, 3376)

(Career & Technical Education)

Grade Level: 12  
Course Level: General  
Credits: 1.5 per semester (2 semesters)  
Prerequisite: Application and Coordinator Approval

This is a capstone course designed to assist students in the development of effective skills and attitudes through practical, advanced instruction in school and on the job through cooperative education. Students are released from school for their cooperative education work

experience. Classroom instruction focuses on providing students with job survival skills and career exploration skills related to the job and improving students' abilities to interact positively with others. The course content includes the following broad areas of emphasis: further career education opportunities, planning for the future, job-seeking skills, personal development, human relationships, legal protection and responsibilities, economics and the job, organizations, and job termination. A qualified career and technical education coordinator is responsible for supervision. Written training agreements and individual student training plans are developed and agreed upon by the employer, student and coordinator. The coordinator, student, and employer assume compliance with federal, state, and local laws and regulations. (12098A002)

## FCS Shop Foreman (3966)

Grade Level: 12  
Course Level: General  
Credits: .50 per semester (2 semesters)  
Prerequisite: Successful completion of all courses in subject area of interest and/or instructor and dept. chair approval

A student may be chosen as a Shop Foreman to work with a particular instructor to extend the student's knowledge and abilities in a given subject area. Also the student will be given responsibilities with the students in a class similar to the responsibilities of a foreman in the industry. The major goal is to develop leadership aspects in the student. (16098A001)

# CAREER & TECHNICAL EDUCATION DEPARTMENT HEALTH SCIENCE TECHNOLOGY

Cherri Thompson, Department Chairperson

Grade	Health Science Technology Course Options	Course Options (Held at CAVE Campus)
10	Orientation to Health Occupations Medical Terminology Health Occupations Related Skills Medical/Clerical Assisting	
11	Orientation to Health Occupations Medical Terminology Health Occupations Related Skills Medical/Clerical Assisting	
12	Orientation to Health Occupations Medical Terminology Health Occupations Related Skills Medical/Clerical Assisting CTE Cooperative Education Program (Application process)	Community Health Worker

**The Health Science Technology courses will be on a two-year rotation.**

- Yr 1: Orientation to Health Occupations  
Medical Terminology**  
**Yr 2: Health Occupations Related Skills  
Medical/Clerical Assisting**

**Students that are interested in the health careers field and want to take all four classes need to start their rotation in their junior year.**

## **Orientation to Health Occupations (3608)**

**SWIC**

Grade Level: 10, 11, 12  
 Course Level: General  
 Credits: .50 per semester (1 semester)  
 Prerequisite: None

The course should expose students to the variety of opportunities available within the health care industry (e.g., such as nursing, therapy, vision and dental care, administrative services, and lab technology) which should include classroom and community -based activities. The main purpose of this course is to assist students in further development of their self-concept and in matching personal abilities and interest to a tentative career choice. The suggested course content should provide in-depth information into health occupations careers and trends, the occupational and educational

opportunities and the educational, physical, emotional and attitudinal requirements. Fee required. (General) (14001A001)

## **Medical Terminology (3609)**

**SWIC**

Grade Level: 10, 11, 12  
 Course Level: General  
 Credits: .50 per semester (1 semester)  
 Prerequisite: None

Medical Terminology courses students learn how to identify medical terms by analyzing their components. These courses emphasize defining medical prefixes, root words, suffixes, and abbreviations. The primary focus is on developing both oral and written skills in the language used to communicate within health care professions. Fee required. (General) (14154A001)

## **Health Occupations Related Skills (3610)**

Grade Level: 10, 11, 12  
 Course Level: General  
 Credits: .50 per semester (1 semester)  
 Prerequisite: None

The course provides students with a core of knowledge to the health care industry and helps refine their health care-related knowledge and skills. This core of knowledge will develop the students' cognitive and affective skills in formulating a strong foundation for entry-level skill

# CAREER & TECHNICAL EDUCATION DEPARTMENT

## HEALTH SCIENCE TECHNOLOGY

Cherri Thompson, Department Chairperson

development. Topics covered usually include (but are not limited to) an overview of health care delivery; patient care, including assessment of vital signs, body mechanics, and diet; anatomy and physiology; identification and use of medical equipment and supplies; medical terminology; hygiene and disease prevention; first aid and CPR procedures; laboratory procedures; and ethical and legal responsibilities. Fee required. (General) (14002A001)

### **Medical /Clerical Assisting (3611)**

Grade Level: 10, 11, 12

Course Level: General

Credits: .50 per semester (1 semester)

Prerequisite: None

Medical/Clerical Assisting course provides student development in a sequence of organized learning experiences and skills designed knowledge and skills that combine the medical and clerical fields. Students typically develop skills such as patient exam preparation, assessment of vital signs, routine lab procedures, medical transcription, financial accounting, patient and insurance company billing, and record -keeping. This course suggest common clerical duties which include answering phones; greeting patients/clients; handling mail, patient/client data files and medical histories; ordering supplies; dealing with representatives from pharmaceutical companies and medical suppliers; and performing common clinical duties which include sterilizing instruments, preparing patients /clients for examination or treatment; taking temperatures, pulse, respiration and blood pressure; measuring height and weight; performing routine laboratory procedures; and assisting the physician with patient/client examinations and treatment under the direction of the professional medical staff. In addition, the medical assistant should be able to understand the health problems of patients/clients, ethics and legal issues, human relationships and interpersonal relationships. Fee required. (General) (14151A001)

### **Community Health Worker (XXXX)**

Grade Level: 12

Course Level: Advanced

Credits: 1 per semester (2 semesters)

Prerequisite: None

Students will gain knowledge in the following areas: nutrition, public health client care, behavioral and mental health, maternal and infant health, medical terminology and clinical experience. This coursework is applicable in pursuing an administrative career, physical therapy,

occupational therapy, nursing, athletic training and pre-med. It provide students with instruction and experiences so that they can manage components of non-patient care activities in health care facilities. This course provides a sequence of organized learning experiences and skills necessary for a person to perform tasks requiring good communication skills, correct terminology and spelling, and an understanding of policies, rules, and regulations regarding visitors, patients /clients, and coworkers. Clerical responsibilities of record keeping, transcribing physicians' orders and requisitions, operating a computer, and using a multiplicity of standard and special chart forms are a necessary part of this occupational training program. Patient/client care activities involving areas of admission, discharge, transfer, death, laboratory listing, etc., are performed under the direction of the professional nurse/unit manager in long-term care facilities, hospitals, or clinics. Topics covered usually include medical terminology, transcription, and general reception duties and responsibilities; recordkeeping; and stocking medical and office supplies and equipment. (14203A001)

### **CTE Cooperative Education**

**(3375, 3376)** (Career & Technical Education)

Grade Level: 12

Course Level: General

Credits: 1.5 per semester (2 semesters)

Prerequisite: Application and Coordinator Approval

Cooperative Education is a capstone course designed to assist students in the development of effective skills and attitudes through practical, advanced instruction in school and on the job through cooperative education. Students are released from school for their paid cooperative education work experience and participate in 200 minutes per week of related classroom instruction. Classroom instruction focuses on providing students with job survival skills and career exploration skills related to the job and improving students' abilities to interact positively with others. The course content includes the following broad areas of emphasis: further career education opportunities, planning for the future, job-seeking skills, personal development, human relationships, legal protection and responsibilities, economics and the job, organizations, and job termination. A qualified career and technical education coordinator is responsible for supervision. Written training agreements and individual student training plans are developed and agreed upon by the employer, student and coordinator. The coordinator, student, and employer assume compliance with federal, state, and local laws and regulations. (General) (22153A001)

# CAREER & TECHNICAL EDUCATION DEPARTMENT INDUSTRIAL TECHNOLOGY & ENGINEERING

Cherri Thompson, Department Chairperson

Grade	Industrial Technology and Engineering Course Options (Held at WEST Campus)	Course Options (Held at CAVE Campus)
9	Expedition CAVE	
10	Expedition CAVE Auto I Carpentry & Construction I Machining & Metalworking I Engineering & Design I Welding I Intro to Aviation	
11	Expedition CAVE Auto I Carpentry & Construction I Engineering & Design I Engineering & Design II Machining & Metalworking I Welding I Intro to Aviation	Auto II Carpentry & Construction II Machining & Metalworking II Welding II Advanced Aviation
12	Expedition CAVE Auto I Carpentry & Construction I Engineering & Design I Engineering & Design II Mechanical Drafting (CAD) Architectural CAD Machining & Metalworking I Welding I Intro to Aviation CTE Cooperative Education & Apprenticeship Program (Application process)	Auto II Auto III Carpentry & Construction II Carpentry & Construction III Machining & Metalworking II Machining & Metalworking III Welding II Welding III Advanced Aviation

## Expedition CAVE (3702)

Grade Level: 9 (preferred), 10, 11, 12  
Course Level: General  
Credits: .50 per semester (2 semesters)  
Prerequisite: None

The Expedition CAVE rotation experience is a HANDS-ON journey for students. Students will spend six weeks participating in project-based learning in the following areas: Engineering & Design, Culinary, Welding, Carpentry & Construction, Machining & Metalworking, and Automotive. These six areas expose students to career and training options. This course also helps students identify and evaluate personal goals, priorities, aptitudes, and interests with the goal of helping them make informed decisions about their future. Fee Required (22151A001)

## Auto I (3832, 3835)

Grade Level: 10, 11, 12  
Course Level: General  
Credits: .50 per semester (1 semester)  
Prerequisite: None

This course emphasizes preventative auto maintenance and automobile troubleshooting. Course content typically includes tune-up, oil change, and lubrication skills; tire replacement, alignment, and balancing; and basic knowledge of brake, cooling, electrical, emission, fuel, ignition, steering, suspension, and transmission systems. (20106A001)

# CAREER & TECHNICAL EDUCATION DEPARTMENT INDUSTRIAL TECHNOLOGY AND ENGINEERING

Cherri Thompson, Department Chairperson

## Auto II (3839)

CAVE

Grade Level: 11, 12  
Course Level: Advanced  
Credits: 1.0 per semester (2 semesters)  
Prerequisite: None

This course introduces students to the basic skills needed to inspect, maintain, and repair automobiles and light trucks that run on gasoline, electricity, or alternative fuels. Instructional units include engine performance, automotive electrical system, integrated computer systems, lubrication, exhaust and emission control, steering and suspension, fuel systems, cooling system, braking, and power train. Fee Required (20104A001)

## Auto III (3840)

CAVE

Grade Level: 11, 12  
Course Level: Advanced  
Credits: 1.0 per semester (2 semesters)  
Prerequisite: Auto II and Instructor Approval

This course is a continuation of and builds on the skills and concepts introduced in Auto II. It is designed to apply the theories and principles of the automobile to the practical applications in trouble-shooting problems found in the automotive field. This course includes instructional units in alternative fuel systems, computerized diagnostics, new vehicle servicing, automotive heating and air conditioning, transmissions, testing and diagnostics, drive train and overall automobile performance. Fee Required (20104A002)

## Carpentry & Construction I (3727, 3728)

Grade Level: 10, 11, 12  
Course Level: General  
Credits: .50 per semester (1 semester)  
Prerequisite: None

This course exposes students to the opportunities available in construction/carpentry -related trades. Students are instructed in areas of safety, hand tools and power tools, materials, techniques, equipment and the processes involved in the carpentry areas of construction. Students may engage in a variety of small projects. Lab Fee & Project Fee Required (17001A001)

## Carpentry & Construction II (3729)

SWIC

Grade Level: 11, 12  
Course Level: Advanced  
Credits: 1.0 per semester (2 semesters)  
Prerequisite: None

CAVE

This course is designed to begin preparing students in many different aspects of the trades occupations. Students are instructed in areas of safety, including hand tools, power tools, and ladders. Students are introduced to the theoretical knowledge needed to lay out and basic framing techniques. Students demonstrate knowledge of blueprint reading, estimating, floor plans, specification schedules, and symbols. Students demonstrate entry-level skills in all facets of residential construction. Technology-related mathematics, reading, writing, vocabulary, blueprint reading, and science are integrated throughout the curriculum. Lab Fee & Project Fee Required. Dual credit for CMT 145, 4 hrs. (17002A001)

## Carpentry & Construction III (3730)

SWIC

Grade Level: 12  
Course Level: Advanced  
Credits: 1.0 per semester (2 semesters)  
Prerequisite: Carpentry & Construction II and Instructor Approval

CAVE

This course provides learning experiences related to the erection, installation, maintenance, and repair of building structures and related utilities. Student technical skill experiences include instruction and activities in safety principles and practices, performing maintenance control functions, joining pipes, building water distribution lines and drains, installing and maintaining plumbing fixtures and systems, installing switch and outlet boxes, light fixtures, service entrances, roughing in and trimming out electrical devices and appliances, and advanced building and construction methods and codes. All learning experiences are designed to allow the student to acquire job-entry skills and knowledge. Lab Fee Required. Dual credit for CMT 146, 4 hrs. (17002A002)

## Engineering & Design I (3720, 3721)

Grade Level: 10, 11, 12  
Course Level: General  
Credits: .50 per semester (1 semester)  
Prerequisite: None

This course introduces drafting-related occupations and the knowledge and skills needed for these occupations.

# CAREER & TECHNICAL EDUCATION DEPARTMENT INDUSTRIAL TECHNOLOGY AND ENGINEERING

Cherri Thompson, Department Chairperson

Units will foster an awareness and understanding of drafting terms, drafting instruments and their uses, lettering styles and procedures, sketching and shape description, geometric construction, and multi-view projection. This class provides a foundation for students interested in engineering or architecture-related careers. Lab Fee & Project Fee Required (21102A002)

## Engineering and Design II (3821)

Grade Level: 11, 12  
Course Level: General  
Credits: .50 per semester (2 semesters)  
Prerequisite: None

This course is designed to provide students interested in a career in drafting with information and practical experience needed for the development of job-related competencies. The course content includes planning and organizing activities, researching information and preparing various mechanical isometric views. This course emphasizes areas of performing presentation techniques such as producing architectural drawings, interpreting codes, constructing structural working drawings, producing mechanical and electrical/electronic working drawings and producing civil engineering drawings. Fee Required (21102A001)

## Mechanical Drafting (CAD) (3820)

Grade Level: 12  
Course Level: Advanced  
Credits: .50 per semester (2 semesters)  
Prerequisite: Engineering & Design II and Instructor Approval

SWIC

Mechanical CAD provides a foundation for students interested in Engineering and related professions. CAD will be utilized in creating various types of mechanical drawings to include: multi-view projections, isometric drawings, oblique drawings, sections, and auxiliary views. Students will generate engineer drawings using advanced mechanical CAD software (including 3D software) and techniques. This course provides learning experiences related to principles and practices associated with: threads and fasteners, auxiliary projection, working drawings and completion of pictorial drawings (exploded view). Fee Required. Dual credit for ENGR 103, 4 credit hrs. (21106A001)

## Architectural CAD (3951)

SWIC

Grade Level: 12  
Course Level: Advanced  
Credits: .50 per semester (2 semesters)  
Prerequisite: Engineering & Design II and Instructor Approval

Architectural CAD 1 & 2 provides a foundation for students interested in architecture-related occupations. Typical drawings consist of such items as floor plans, foundation plans, elevations, roof plans, wall sections, kitchen details, stair sections, interior perspectives, structural sections, and fireplace details. Students will participate in learning experiences related to: the design and building of a scaled model. Students will receive advanced knowledge and preparation in such areas as: site plans, kitchen and bathroom details, perspective drawings, electrical plans, plumbing plans, and heating, refrigeration and air conditioning. Students will also generate drawings using 3D software. Dual credit for ENGR 103, 4 credit hrs. Fee Required (21103A001)

## Machining & Metalworking I (3737, 3738)

Grade Level: 10, 11, 12  
Course Level: General  
Credits: .50 per semester (1 semester)  
Prerequisite: None

SWIC

The Machining I course enable students to create metal parts using various machine tools and equipment. Course content includes interpreting specifications for machines using blueprints, sketches, or descriptions of parts; preparing and using lathes, milling machines, and grinders with skill, safety, and precision. Students will also be introduced to CNC machining. Lab Fee Required. Dual credit for PMT 100, .5 hr. (13203A007)

## Machining & Metalworking II (3739)

Grade Level: 11, 12  
Course Level: Advanced  
Credits: 1.0 per semester (2 semesters)  
Prerequisite: None

SWIC

CAVE

The Machining II course introduces students to the basic skills and machines needed in precision metal work. Students gain machining skills while working with lathes, milling machines, drill presses, and other equipment. In addition, students learn the basics of blueprint reading, precision measuring, layout, and machining process planning. After learning the basics of manual machining



# CAREER & TECHNICAL EDUCATION DEPARTMENT INDUSTRIAL TECHNOLOGY AND ENGINEERING

Cherri Thompson, Department Chairperson

students will begin learning how to design and program parts for CNC mills and lathes. Students will earn precision measurement certifications from Starrett as part of this course. This class is also dual credit for PMT 101, 4 hrs. Lab Fee Required. (13203A001)

## Machining & Metalworking III (3740)

Grade Level: 12  
Course Level: Advanced  
Credits: 1.0 per semester (2 semesters)  
Prerequisite: Machining II and  
Instructor Approval

SWIC

CAVE

The Machining III course provides more in-depth skill development in various types of precision tool operation, especially using mills and lathes to perform machining tasks. Power cutoff saws and power band saws are also covered. Students will focus on using computer and numerical controlled machines. Students will expand their knowledge of Solidworks and MasterCAM to create more complex parts. They will also prepare to earn machining industry certifications such as NIMS. Lab Fee Required. (13203A002)

## Welding I (3827, 3828)

Grade Level: 10, 11, 12  
Course Level: General  
Credits: .50 per semester (1 semester)  
Prerequisite: None

This course enables students to gain knowledge of the properties, uses, and applications of various metals, skills in various processes used to join and cut metals, and experience in identifying, selecting, and rating appropriate techniques. This course will focus primarily on shielded metal arc welding, oxyacetylene welding, and oxyacetylene cutting. A small project at the end of the semester will allow students to put into practice the skills they have learned. Lab Fee Required. (13207A003)

## Welding II (3830)

Grade Level: 11, 12  
Course Level: Advanced  
Credits: 1.0 per semester (2 semesters)  
Prerequisite: None

SWIC

CAVE

This course assists students in gaining knowledge and developing skills needed to be successful in welding technology. Units of instruction include SMAW, GMAW, FCAW, GTAW, Oxy-fuel cutting and gouging, and plasma arc cutting. This course covers SMAW using

6010, 7018, and 7024 electrodes in the four basic welding positions (flat, horizontal, vertical, and overhead). This course also covers the basics of reading and understanding blueprints, precision measuring, layout, and production process planning. Lab Fee Required. Dual credit for WLDT 101 & 152 - 11 credit hrs. (13207A001)

## Welding III (3834)

Grade Level: 12  
Course Level: Advanced  
Credits: 1.0 per semester (2 semesters)  
Prerequisite: Welding II and  
Instructor Approval

CAVE

This course builds on the skills and concepts introduced in Welding II and provides more in-depth skill development in various types of welding including horizontal, vertical, overhead, and circular techniques. Students will gain experience with aluminum and stainless steel welding as well as prepare for various welding certifications. Lab Fee Required. (13207A002)

## Intro to Aviation (3617)

Grade Level: 10, 11, 12  
Course Level: General  
Credits: .50 per semester (2 semesters)  
Prerequisite: None

This course provides the foundation for advanced exploration in flying, aerospace engineering, and unmanned aircraft systems. During the first semester, students will learn about engineering practices, problem-solving, and the innovations and technological developments that have made today's aviation and aerospace industries possible. Students will also gain a historical perspective, from the earliest flying machines to various modern aircraft. During the second semester, this course gives students a clear understanding of career opportunities in aviation and aerospace and the critical issues affecting the industry. They will be exposed to various career options in aviation and aerospace and take an in-depth look at available opportunities. Students will also begin to drill down into the various sectors of aviation and the elements that make up the aerospace ecosystem. They will discover how advances in aviation created a need for regulation and learn about the promulgation of civil aviation oversight. (20053A002)

# CAREER & TECHNICAL EDUCATION DEPARTMENT INDUSTRIAL TECHNOLOGY AND ENGINEERING

Cherri Thompson, Department Chairperson

## Advanced Aviation (XXXX)

Grade Level: 11, 12  
Course Level: Advanced  
Credits: 1.0 per semester (2 semesters)  
Prerequisite: Intro to Aviation suggested  
and instructor approval

SWIC

CAVE

Advanced Aviation is designed to provide the career minded student with the basic theory of flight, aircraft design and aircraft control. This course also introduces basic meteorology, pilotage, dead reckoning and electronic navigational skills, the flight computer, cross country planning along with the Federal Aviation Regulations that pertain to Private Pilots and Drone Operators. Students will also have the opportunity to receive simulator training. At the completion of this course, successful students will have gained the knowledge and skills required to successfully pass the FAA Private Pilot Airplane written exam and the FAA Part 107 UAS written Exam. (20053A001)

## CTE Cooperative Education & Apprenticeships (3375, 3376)

(Career & Technical Education)

Grade Level: 12  
Course Level: General  
Credits: 1.5 per semester (2 semesters)  
Prerequisite: Application and Coordinator Approval

This is a capstone course designed to assist students in the development of effective skills and attitudes through practical, advanced instruction in school and on the job through cooperative education. Students are released from school for their cooperative education work experience. Classroom instruction focuses on providing students with job survival skills and career exploration skills related to the job and improving students' abilities to interact positively with others. The course content includes the following broad areas of emphasis: further career education opportunities, planning for the future, job-seeking skills, personal development, human relationships, legal protection and responsibilities, economics and the job, organizations, and job termination. A qualified career and technical education coordinator is responsible for supervision. Written training agreements and individual student training plans are developed and agreed upon by the employer, student and coordinator. The coordinator, student, and employer assume compliance with federal, state, and local laws and regulations. (12098A002)

# CAREER & TECHNICAL EDUCATION DEPARTMENT AGRICULTURAL SCIENCE

Cherri Thompson, CTE Department Chairperson  
Seth Garrett, Science Department Chairperson

Grade	Agricultural Science Course Options
9	Agricultural Science
10	Agricultural Science Landscaping Management and Turf Design Horticulture Science
11	Agricultural Science Landscaping Management and Turf Design Veterinary Science Horticulture Science
12	Agricultural Science Landscaping Management and Turf Design Veterinary Science Horticulture Science CTE Cooperative Education Program (Application process)

## Agricultural Science (3900)

Grade Level: 9, 10, 11 & 12

Course Level: General

Credits: .50 per semester (2 semesters)

Available to all students, including incoming freshmen with *concurrent* enrollment in Regular or Honors Biology.

Major units of instruction include agricultural research, soil science, advanced plant science, biotechnology, advanced animal science. Applied science and math skills and concepts will be stressed throughout the course as they relate to each area. Improving computer and workplace skills will be a focus. Participation in activities that take place in the greenhouse are a requirement for this course. This course will satisfy an elective credit. (This is a Career and Technical Education approved program. 18003A001) **Students can receive a science credit for this course.**

## Veterinary Science (3901)

Grade Level: 11 and 12

Course Level: General

Credits: .50 per semester (2 semesters)

Prerequisite: Successful completion of Regular or Honors Biology and successful completion of either Physical Science or Chemistry. Instructor Approval would be required for any student who does not meet prerequisites.

This course will develop students' understanding of the small and companion animal industry, animal anatomy and physiology, animal ethics and welfare issues, animal health, veterinary medicine, and animal services to humans. Career exploration will focus on veterinarian, veterinary lab technicians, small animal production, research lab assistant, and animal nutrition lab technician. Improving computer and workplace skills will be a focus. This course will satisfy an elective credit. (This is a Career and Technical Education approved program. 18105A001) **Students can receive a science credit for this course.**

## Landscaping Management and Turf Design (3910)

Grade Level: 10, 11 & 12

Course Level: General

Credits: .50 per semester (2 semesters)

Prerequisite: Successful completion of Biology or Honors Biology and/or concurrent enrollment in Biology or Honors Biology.

This advanced course focuses on the landscape, nursery, and turf segments of the horticulture industry. Units of student instruction include: identifying landscape plants, designing landscape plans, hardscape construction techniques, and installing landscape plants. Also included are nursery production, turf grass production, and maintenance of existing landscapes. Agribusiness units will cover calculating prices for work, managing a horticulture business, advertising, and sales. Improving computer and workplace skills will be a focus. Participation in FFA student organization activities

# CAREER & TECHNICAL EDUCATION DEPARTMENT

## AGRICULTURAL SCIENCE

Cherri Thompson, CTE Department Chairperson  
Seth Garrett, Science Department Chairperson

and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration and reinforcement of academic concepts. (This is a Career and Technical Education approved program. 18054A001)

### Horticulture Science (3905)

Grade Level: 10, 11, & 12  
Course Level: General  
Credits: .50 per semester (2 semesters)  
Prerequisite: Successful completion of Regular or Honors Biology.

This course is designed to introduce students to the horticulture industry and provide them with basic plant science knowledge that can be further developed in a greenhouse setting. Major units of instruction include horticulture research, horticultural careers, plant anatomy, seed germination, plant propagation, growing media, pest management, hydroponics, identifying horticultural plants, growing greenhouse crops, and floral design. Improving computer and workplace skills will be a focus. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration and reinforcement of academic concepts. Participation in activities that take place in the greenhouse are a requirement for this course. (This is a Career and Technical Education approved program 18052A001.) **Students can receive a science credit for this course.**

### CTE Cooperative Education (3375, 3376) (Career & Technical Education)

Grade Level: 12  
Course Level: General  
Credits: 1.5 per semester (2 semesters)  
Prerequisite: Application and Coordinator Approval

Cooperative Education is a capstone course designed to assist students in the development of effective skills and attitudes through practical, advanced instruction in school and on the job through cooperative education. Students are released from school for their paid cooperative education work experience and participate in 200 minutes per week of related classroom instruction. Classroom instruction focuses on providing students with job survival skills and career exploration skills related to the job and improving students' abilities to interact positively with others. The course content includes the following broad areas of emphasis: further career education opportunities, planning for the future, job-seeking skills, personal development, human relationships, legal protection and responsibilities, economics and the job, organizations, and job termination. A qualified career and technical education coordinator is responsible for supervision. Written training agreements and individual student training plans are developed and agreed upon by the employer, student and coordinator. The coordinator, student, and employer assume compliance with federal, state, and local laws and regulations. (General) (22153A001)

Grade		English Course Options		
9	English 1-2 (4000) English 1-2 Honors (4002) * English 1-2 I (4006) *	*Enrollment based on test scores and school recommendations		
10	English 3-4 (4133) English 3-4 Honors (4132) * English 3-4 (4149) *			
11	English 5-6 (4153) English 5-6 Honors (4152) * English 5-6 (4154) *			
12	Required Senior Course Options	Additional Senior Electives		All seniors enroll in a year-long English 7-8 course. Seniors may take <i>additional</i> English electives from the second column.
	English 7-8 (4602) English 7-8 Honors/AP (4540) * English 7-8 (4608) *  All seniors enroll in one of these year-long English 7-8 courses.  Seniors may choose English electives (from the second column) <i>in addition to</i> the English 7-8 course.	African-American Literature Creative Writing Film as Literature Journalism Mass Media Public Speaking		

**English 1-2 (4000)**

Grade Level: 9  
 Course Level: General  
 Credits: .50 per semester (2 semesters)  
 Prerequisite: None  
 NCAA

English 1-2 covers units of study in the five Common Core strands: reading literature, reading for information, writing, language, speaking and listening. The course will focus on such essential skills as drawing inferences from literary and informational texts; analyzing theme, character, and structure in literary texts; assessing main idea and point of view in informational texts; using the writing process to craft narrative and expository pieces; demonstrating command of the conventions of standard English; conducting research with both traditional and electronic resources; making use of technology to produce and present information (in both writing and speaking); and participating in a range of collaborative discussions. Course readings may include short stories, Greek mythology, drama, novels, and articles about current events. *This is a writing intensive course. Students must pass English 1-2 before advancing to English 3-4.*

**English 1-2 Honors (4002)**

Grade Level: 9  
 Course Level: Honors  
 Credits: .50 per semester (2 semesters)  
 Prerequisite: IAR (Illinois Assessment of Readiness) score of 760 or higher, Lexile reading level of 1280 or higher, and teacher recommendation.  
 NCAA

English 1-2 Honors covers units of study in the five Common Core strands: reading literature, reading for information, writing, language, speaking and listening. The course will focus on such essential skills as drawing inferences from literary and informational texts; analyzing theme, character, and structure in literary texts; assessing main idea and point of view in informational texts; using the writing process to craft narrative and expository pieces; demonstrating command of the conventions of standard English; conducting research with both traditional and electronic resources; making use of technology to produce and present information (in both writing and speaking); and participating in a range of collaborative discussions. Course readings may include

short stories, Greek mythology, drama, novels, and articles about current events.

This is an honors English course designed for students who are academically gifted. The same skills are studied as in English 1-2, but students learn at an accelerated pace and cover more material. *This is a writing intensive course.*

Students enrolled in English 1-2 Honors should expect to complete a summer reading assignment in preparation for the course. Students will receive the assignment in a letter mailed home in May of the eighth grade year. The reading and online postings must be completed before the start of the school year.

***Students enrolled in English 1-2 Honors are strongly encouraged to maintain a class average of A or B to continue in the honors curriculum. Students must pass English 1-2 before advancing to English 3-4.***

## English 1-2 (4006)

Grade Level: 9

Course Level: General

Credits: .50 per semester (2 semesters)

Prerequisite: IAR ELA score of 1 or 2, IAR ELA scaled score of 724 or lower, Lexile reading level of 915 or lower, or teacher recommendation.

English 1-2 ~~Title~~ covers units of study in the five Common Core strands: reading literature, reading for information, writing, language, speaking and listening. The course will focus on such essential skills as drawing inferences from literary and informational texts; analyzing theme, character, and structure in literary texts; assessing main idea and point of view in informational texts; using the writing process to craft narrative and expository pieces; demonstrating command of the conventions of standard English; conducting research with both traditional and electronic resources; making use of technology to produce and present information (in both writing and speaking); and participating in a range of collaborative discussions. Course readings may include short stories, Greek mythology, drama, novels, and articles about current events. *This is a writing intensive course.*

This course includes a concentration in reading, with the intent to identify and remediate gaps in reading skills. ***Students in the English 1-2 (4006) course will learn the same content and skills as students in other freshman classes, but students in the English 1-2 (4006) class benefit from a smaller student-teacher ratio and greater individualized instruction.***

*Students must pass English 1-2 before advancing to English 3-4*

## English Lab (4010)

Grade Level: 9

Course Level: General

Credits: .50 per semester (2 semesters)

Prerequisite: Enrollment in English 1-2 (4006).

A complimentary course to English 1-2 (4006) that incorporates intensive and extensive instruction as well as enrichment activities to provide services needed for student achievement. Such support will include but not be limited to extended learning time, computer (MCI) remediation programs, small group instruction, structured reading time, reading strategies instruction, study skills, organization skills, and vocabulary acquisition. **This class is highly recommended for students who are reading below grade level as they enter high school. Those students who earn an IAR ELA score of 1 or 2, IAR ELA scaled score of 724 or lower, or Lexile reading level of 915 or lower enroll in this course in addition to the English 1-2 course.**

## Literacy Strategies (4021)

Grade Level: 9

Course Level: General

Credits: .50 per semester (2 semesters)

Prerequisite: None

Literacy Strategies is a course designed to help students acquire new reading skills and strategies. The strategies will:

- prepare students for reading in all disciplines
- improve performance in English and other disciplines
- prepare students for standardized and course tests
- foster strong study skills.

## Literacy Strategies (4022, 4023)

Grade Level: 9

Course Level: General

Credits: .25 per semester (2 semesters) opposite lunch or half of honors lunch

Prerequisite: None

This course is the same as the Literacy Strategies course listed above except that it is offered only during lunch hours, opposite a half hour lunch or in place of a study hall. This is a full year course and will meet for a half hour each day.

## English 3-4 (4133)

Grade Level: 10  
 Course Level: General  
 Credits: .50 per semester (2 semesters)  
 Prerequisite: English 1-2 (4000)  
 NCAA

English 3-4 covers units of study in the five Common Core strands: reading literature, reading for information, writing, language, speaking and listening. The course will focus on such essential skills as determining the theme or central idea of a text; evaluating the argument and specific claims of a text; citing strong and thorough textual evidence to support analysis of a text; gathering, assessing, and integrating information from authoritative print and digital sources; interpreting and evaluating information; presenting information and evidence through formal speaking experiences; writing arguments to analyze substantive topics or texts; and demonstrating an understanding of figurative language and word relationships. Course readings may include short stories, poetry, drama, novels, non-fiction selections, and articles about current events; course activities will include research, writing assignments, and formal speaking assessments. *This is a writing intensive course. Students must pass English 3-4 before advancing to English 5-6.*

## English 3-4 Honors (4132)

Grade Level: 10  
 Course Level: Honors  
 Credits: .50 per semester (2 semesters)  
 Prerequisite: Students must have completed English 1-2H with an “A” or “B,” or recommendation of the previous teacher with department chair approval.  
 NCAA

English 3-4 covers units of study in the five Common Core strands: reading literature, reading for information, writing, language, speaking and listening. The course will focus on such essential skills as determining the theme or central idea of a text; evaluating the argument and specific claims of a text; citing strong and thorough textual evidence to support analysis of a text; gathering, assessing, and integrating information from authoritative print and digital sources; interpreting and evaluating information; presenting information and evidence through formal speaking experiences; writing arguments to analyze substantive topics or texts; and demonstrating an understanding of figurative language and word relationships. Course readings may include short stories, poetry, drama, novels, non-fiction selections, and articles about current events; course activities will include research, writing assignments, and formal speaking assessments.

This honors course is designed to be a world literature class. In addition, students will tackle expository, persuasive, and literary analysis papers. Intertwined in the class will be the elements of oral communication—the art of speaking and listening more effectively. During the journey of writing essays and speeches, students will hone their research skills as well. Students will need access to a computer and the Internet outside of the classroom for many assignments over the summer and throughout the year. This rigorous course is for the advanced student. *This is a writing intensive course.*

Students enrolled in English 3-4 Honors should expect to complete a summer reading assignment in preparation for the course. Students will receive the assignment in May of the freshman year. The reading and online postings must be completed before the start of the school year.

***Students enrolled in English 3-4 Honors are strongly encouraged to maintain a class average of A or B to continue in the honors curriculum. Students must pass English 3-4 before advancing to English 5-6.***

## English 3-4 (4149)

Grade Level: 10  
 Course Level: General  
 Credits: .50 per semester (2 semesters)  
 Prerequisite: English 1-2 (4006 or 4000)

English 3-4 covers units of study in the five Common Core strands: reading literature, reading for information, writing language, speaking and listening. The course will focus on such essential skills as determining the theme or central idea of a text; evaluating the argument and specific claims of a text; citing strong and thorough textual evidence to support analysis of a text; gathering, assessing, and integrating information from authoritative print and digital sources; interpreting and evaluating information; presenting information and evidence through formal speaking experiences; writing arguments to analyze substantive topics or texts; and demonstrating an understanding of figurative language and word relationships. Course readings may include short stories, poetry, drama, novels, non-fiction selections, and articles about current events; course activities will include research, writing assignments; and formal speaking assessments. *This is a writing intensive course.*

This course includes a concentration in reading, with the intent to identify and remediate gaps in reading skills. ***Students in the English 3-4 (4149) course will learn the same content and skills as students in other sophomore classes, but students in the English 3-4 (4149) class benefit from a smaller student-teacher ratio and greater individualized instruction. Students must pass English 3-4 before advancing to English 5-6.***

**JUNIORS – Juniors must choose one of the three courses below. They may take an elective in addition to English 5-6 or English 5-6 Honors if there is room in their schedule and in the class.**

### English 5-6 (4153)

Grade Level: 11  
 Course Level: General  
 Credits: .50 per semester (2 semesters)  
 Prerequisite: English 3-4 (4133)  
 NCAA

English 5-6 covers units of study in the five Common Core strands: reading literature, reading for information, writing, language, speaking and listening. The course will focus on such essential skills as determining the theme or central idea of a text; analyzing the impact of an author's choice of story elements, figurative language, tone, and point of view; examining foundational works of American literature; citing strong and thorough textual evidence to support analysis of a text; analyzing the structure of a piece of writing; using valid reasoning and evidence to support argumentative claims; writing informative and explanatory texts to convey complex ideas; gathering, assessing, and integrating information from authoritative print and digital sources; participating in collaborative discussions; presenting information and evidence through formal speaking experiences; demonstrating a command of standard English, figurative language, and word relationships. Course readings will focus on American literature and may include short stories, poetry, drama, novels, non-fiction selections, and articles about current events; course activities will include research, writing assignments, and formal speaking assessments. *This is a writing intensive course.*

***Students must pass English 5-6 before advancing to senior electives.***

### English 5-6 Honors (4152)

Grade Level: 11  
 Course Level: Honors  
 Credits: .50 per semester (2 semesters)  
 Prerequisite: Students must have completed English 3-4 Honors with an "A" or "B," or recommendation of the previous teacher with department chair approval.  
 NCAA

English 5-6 covers units of study in the five Common Core strands: reading literature, reading for information, writing, language, speaking and listening. The course will focus on such essential skills as determining the theme or central idea of a text; analyzing the impact of an author's choice of story elements, figurative language, tone, and

point of view; examining foundational works of American literature; citing strong and thorough textual evidence to support analysis of a text; analyzing the structure of a piece of writing; using valid reasoning and evidence to support argumentative claims; writing informative and explanatory texts to convey complex ideas; gathering, assessing, and integrating information from authoritative print and digital sources; participating in collaborative discussions; presenting information and evidence through formal speaking experiences; demonstrating a command of standard English, figurative language, and word relationships. Course readings will focus on American literature and may include short stories, poetry, drama, novels, non-fiction selections, and articles about current events; course activities will include research, writing assignments, and formal speaking assessments.

This is a course for the advanced student. It will move at a faster pace and cover more material than the traditional English 5-6 course. *This is a writing intensive course.*

Students enrolled in English 5-6 Honors should expect to complete a summer reading assignment in preparation for the course. Students will receive the assignment in May of the sophomore year. The reading and online postings must be completed before the start of the school year.

***Students enrolled in English 5-6 Honors are strongly encouraged to maintain a class average of A or B to continue in the honors curriculum. Students must pass English 5-6 before advancing to senior electives.***

### English 5-6 (4154)

Grade Level: 11  
 Course Level: General  
 Credits: .50 per semester (2 semesters)  
 Prerequisite: English 3-4 (4149 or 4133)

English 5-6 covers units of study in the five Common Core strands: reading literature, reading for information, writing, language, speaking and listening. The course will focus on such essential skills as determining the theme or central idea of a text; analyzing the impact of an author's choice of story elements, figurative language, tone, and point of view; examining foundational works of American literature; citing strong and thorough textual evidence to support analysis of a text; analyzing the structure of a piece of writing; using valid reasoning and evidence to support argumentative claims; writing informative and explanatory texts to convey complex ideas; gathering, assessing, and integrating information from authoritative print and digital sources; participating in collaborative discussions; presenting information and evidence through formal speaking experiences; demonstrating a command of standard English, figurative language, and word relationships. Course readings will focus on American literature and may include short stories, poetry, drama,



novels, non-fiction selections, and articles about current events; course activities will include research, writing assignments, and formal speaking assessments. Special consideration is given to preparing students for the PSAE and ACT tests. *This is a writing intensive course.*

This course includes a concentration in reading, with the intent to identify and remediate gaps in reading

skills. *Students in the English 5-6 (4154) course will learn the same content and skills as students in other junior classes, but students in the English 5-6 (4154) class benefit from a smaller student-teacher ratio and greater individualized instruction. Students must pass English 5-6 before advancing to senior electives.*

## SENIORS –

**Seniors must choose one of the three English 7-8 courses below. The English 7-8 course is required in order for students to fulfill the Illinois state requirement in media literacy studies. Seniors may take one or more additional electives in English during the senior year.**

### English 7-8 (4602)

Grade Level: 12

Course Level: General

Credits: .50 per semester (1 semester)

Prerequisite: English 5-6 (4153)

NCAA

English 7-8 covers units of study in the Common Core strands: reading literature, reading for information, writing, language, and speaking/listening. The course will focus on essential skills such as determining the theme or central idea of a text; analyzing the impact of the author's choices of story elements; utilizing research skills and research writing; writing college and career essays; gathering, assessing, and integrating information from print and digital sources; participating in collaborative discussion; presenting information and evidence through formal speaking; demonstrating a command of standard English, figurative language, and word relationships. Course readings will focus on a variety of diverse texts, novels, short stories, poetry, drama, and nonfiction selections. Course activities include research, writing for a variety of purposes, and reading assessments.

### English 7-8 Honors/AP (4540)

Grade Level: 12

Course Level: Honors

Credits: .50 per semester (2 semesters)

Prerequisite: To enroll, students must have completed English 5-6 Honors with an "A" or "B" or recommendation of the previous teacher with department chair approval.

NCAA



English 7 Honors is essentially a college composition course designed for academically gifted seniors with excellent writing skills. The course studies the more complex structures of language with respect to its logical and persuasive possibilities. The course emphasizes the development of the skills of analytical reading, critical thinking, and research methodology. Students will write a number of papers, including several personal essays, a formal argumentative essay, an evaluative essay, a literary analysis, and a lengthy research paper.

English 8 Honors is essentially a college literature course designed for academically gifted seniors. Through critical reading, class discussion, and written analysis of a wide diversity of British literary works, this course seeks to develop a mature understanding and appreciation of literary language and structure. The course introduces the major contributors to our British heritage. Students will read literature from all the major literary periods from Anglo-Saxon to the twentieth century; assigned reading will include *Beowulf*, *The Canterbury Tales*, *Sir Gawain and the Green Knight*, *Hamlet*, poetry of the Renaissance, and poetry of the Romantics.

English 7-8 Honors/AP may be taken simply as a course by itself or as part of St. Louis University's 1818 Advanced College Credit Program. Students who enroll for college credit will pay approximately \$180 for each semester of the course (fee may vary based on SLU's tuition rates). Those who do not take it for college credit pay nothing. To earn college credit, students must earn a "C" or better in the course. No other tests are required. Many colleges accept the hours from the SLU 1818 ACC Program, and students will start college with six credits and/or advanced placement. However, some colleges do not accept any ACC credits, or they have restrictions on the credits. It is strongly recommended that students check with the colleges that they are considering to see if the credit will be accepted. Interested students may get further information from Mrs. Jen McMurray (C109) or Mr. John Lodle (B331).

This course and instructor(s) have passed the Advanced Placement Audit of the College Board®. Successful completion of the Advanced Placement Audit certifies

that course content is appropriate to prepare for the Advanced Placement Exam.

NOTE: English 7-8 Honors/AP is designed for students who have successfully completed English 5-6 Honors. Other students must get approval from the English Department Chair in B331. To be successful in English 7-8 Honors/AP, students must be willing to work many hours outside the classroom.

Students enrolled in English 7-8 Honors/AP should expect to complete a summer reading assignment in preparation for the course. Students will receive the assignment in May of the junior year. The reading and online postings must be completed before the start of the school year.

## English 7-8 (4608)

Grade Level: 12  
 Course Level: Title  
 Credits: .50 per semester (2 semesters)  
 Prerequisite: English 5-6 (4154 or 4153)

English 7-8 covers units of study in the Common Core strands: reading literature, reading for information, writing, language, and speaking/listening. The course will focus on essential skills such as determining the theme or central idea of a text; analyzing the impact of the author's choices of story elements; utilizing research skills and research writing; writing college and career essays; gathering, assessing, and integrating information from print and digital sources; participating in collaborative discussion; presenting information and evidence through formal speaking; demonstrating a command of standard English, figurative language, and word relationships. Course readings will focus on a variety of diverse texts, novels, short stories, poetry, drama, and nonfiction selections. Course activities include research, writing for a variety of purposes, and reading assessments.

This course includes a concentration in reading, with the intent to identify and close gaps in reading skills. *Students in the English 7-8 (4608) course will learn the same content and skills as students in other senior classes, but students in the English 7-8 (4608) class benefit from a smaller student-teacher ratio and greater individualized instruction.*

## ADDITIONAL ENGLISH ELECTIVES

### African-American Literature (4610, 4611)

Grade Level: 12  
 Course Level: Advanced  
 Credits: .50 per semester (1 semester)  
 Prerequisite: None  
 NCAA



This course will survey African-American history and culture through the lens of literature by Black authors. Students will read novels, plays, short stories, essays, and poems from early America through the present, with pieces from significant time periods such as the Harlem Renaissance, the Civil Rights Movement, and the modern era. The course will incorporate class participation, group discussions, written assignments, and projects. Dual credit for LIT 216.

### Creative Writing (4417, 4418)

Grade Level: 12  
 Course Level: Advanced  
 Credits: .50 per semester (1 semester)  
 Prerequisite: None  
 NCAA

Students will study the techniques of the short story, poem, and drama. They will use the writing process to plan, compose, and revise several works in each genre. This course will use a workshop approach that will involve students regularly sharing writing with peers and the instructor, receiving feedback, responding to the writing of others, and reflecting on their own writing. Review work for grammar and mechanics will be included as needed, but course emphasis will be on content, organization, style, and voice.

### Film as Literature (4337, 4338)

Grade Level: 12  
 Course Level: General  
 Credits: .50 per semester (1 semester)  
 Prerequisite: None

The purpose of this course is to develop critical standards through viewing of selected films. Units of study are animation, the documentary, the short feature, the full-length feature, the foreign film, the silent film, and the instructional film. Students will write papers based on the films studied.

**Journalism (4457, 4458)**

Grade Level: 12  
Course Level: Advanced  
Credits: .50 per semester (1 semester)  
Prerequisite: None  
NCAA

This course focuses primarily on print journalism. Students will learn the basic purposes and goals of modern publications. The course also covers the gathering and writing of journalistic material. In addition, journalism for the Internet, publication design, and business procedures are discussed. Course assignments will include extensive writing in news stories, feature stories, sports stories, entertainment features, and editorials. Photography and cartooning for journalism will also be areas of study. Students in the course will regularly publish work in the student newspaper and yearbook.

**Mass Media (4517, 4518)**

Grade Level: 12  
Course Level: Advanced  
Credits: .50 per semester (1 semester)  
Prerequisite: None



Mass Media is a survey course with attention given to the history of the media as well as the impact of the media on today's world. Media literacy, advertising, and video production are major components of this course. Class participation, group discussions, written assignments, and a major project on each unit of study will be required. Dual credit for MCOM 201.

**Public Speaking (4467, 4468)**

Grade Level: 12  
Course Level: Advanced  
Credits: .50 per semester (1 semester)  
Prerequisite: None  
NCAA



Public Speaking teaches students the basic principles of public speaking: selecting a subject, determining the specific purpose of the speech, collecting materials, adapting the speech to a particular audience, organizing the speech, wording the speech, using visual materials, and delivering the speech. Each student will prepare and deliver several informative and persuasive speeches. Dual credit for SPCH 151, 3 hrs.

# INDIVIDUALIZED EDUCATION DEPARTMENT

Tony Thompson, Department Chairperson

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In the Individual Education Department, placement and programming will vary depending on the individual student and the educational needs of each student. Each student in the Individualized Education Program will be assigned a Case Manager. Case Managers will be a point-of-contact for parents and students who need assistance with special education issues. All courses require a student to have an Individualized Education Plan.

## Cross Categorical Program

**Cross Categorical Classes:** Students within this program typically have deficit areas in reading, math, written expression, and organizational skills. The classes are smaller (typically no more than 13 students) and the academic pace has been modified to fit the ability levels of the students.

Classes will likely include:

1. Intro to Alg/Geometry: Some Math courses may be co-taught with regular ed. teacher in Title class
2. English: BTHS-West utilizes the Language Live program, with focus on Reading skill development.
3. Health: Health within the Cross Categorical program is typically for the Assisted Learning Program students (1<sup>st</sup> semester) and Level 1 Reading Level students (2<sup>nd</sup> semester).
4. Learning Strategies: Students within this program are provided academic and organizational support. The class is worth .5 credits (equivalent to an elective) and takes the place of an elective. Students should have all regular education classes (though they are allowed to take one cross categorical classes). An IEP team decision can recommend a Full-Hour of LS for any student should there be a compelling argument do so.
5. SOCIAL SKILLS LEARNING STRATEGIES: Similar to Learning Strategies, this class receives support from the Speech & Language teacher. The SP&L teacher and the LS teacher work as a team to provide social skill training and experience. (\*primarily students with Asperger's, Autism, or Autistic-like tendencies)
6. ½ Hour Learning Strategies: Opposite the lunch hour, this 25 minute class provides an opportunity to work on assignments with the assistance of a teacher and a para-educator. It is worth .25 credit.

\*\* Exceptions may occur based on needed support. An IEP team will make placement / program decisions.

## Assisted Learning Program

Students typically with Intellectual Disabilities and adaptive skill issues may receive support in the Assisted Learning program. They move room to room, but as a group. Academics and life skills are combined in each of their classrooms.

## Emotional Disability Program

**INSTRUCTIONAL ED:** Students within this program require intensive behavioral support. The class has 9<sup>th</sup>-12<sup>th</sup> graders. The students have door-to-door transportation. The bus drops off at 8:35 and students are met by staff. The program utilizes a level system. As students make it to level 3 and 4 discussion occurs about classes out of the program. Social work support is provided for these students. Students leave at 2:30. The afternoon classes are shortened.

**RESOURCE ED:** Students within this program require some behavioral support. They will have Human Relations & Communications and/or ½ hour Learning Strategies for academic and behavioral support. Students in this program are not required to have door-to-door transportation.

# INDIVIDUALIZED EDUCATION DEPARTMENT

Tony Thompson, Department Chairperson

Grade	Individualized Education Course Options
9	English 1-2 Introduction to Algebra 1-2C Geography 1-2 Principles of Science 1-2 Health
10	English 3-4 Introduction to Algebra 3-4C Civics: Consumers and Government 3-4 Principles of Science 3-4
11	English 5-6 Practical Geometry 5-6C U.S. History 5-6 Pre-Vocational Training
12	English 7-8 Word Office Procedures Work Skills Education 7-8 Cooperative Work Experience
9-12	Reading Learning Strategies Human Relations and Communications Learning Strategies/Lunch OR Lunch/Learning Strategies

## English 1-2 (8000)

Grade Level: 9  
Course Level: General  
Credits: .50 per semester (2 semesters)  
Prerequisite: None  
NCAA

English 1-2 is a class designed to diagnose and remediate reading problems with an in-depth approach to reading skill development. Once assessed using the STAR reading assessment, students will utilize the Language Live program, with focus on Reading skill development. Pre- and post-assessments are used to measure student growth. Writing skill development is incorporated into the Language skills curriculum.

## Reading (8006)

Grade Level: 9, 10, 11, 12  
Course Level: General  
Credits: .50 per semester (2 semesters)  
Prerequisite: None

Reading is designed for students to acquire new ideas, obtain needed information and broaden their interests by exposing them to different types of reading material.

Students will learn to read for both enjoyment and information through various methods. Efforts will be made to diagnose and remediate reading problems. The improvement of reading levels, vocabulary and comprehension is emphasized. Students utilize the AutoSkills Reading lab to develop reading skills.

## Introduction to Algebra 1-2C (8002)

Grade Level: 9  
Course Level: General  
Credits: .50 per semester (2 semesters)  
Prerequisite: None  
NCAA

Through individualization, students will be introduced to the fundamental skills of algebra. Introduction to Algebra 1-2 is the first year of a two-year course that covers fundamental algebra skills. Students will utilize the Auto Skills Program to remediate basic math skills.

## **Math 1-2 (8460), Math 3-4 (8462) Practical Geometry (8468)**

Grade Level: 9, 10, 11  
Course Level: General  
Credits: .50 per semester (2 semesters)  
Prerequisite: None

This course emphasizes basic math skill development, introduces some pre-algebraic concepts, and introduces some practical Geometry skills. The basic math skills introduced will be measuring with a ruler, the addition/subtraction/multiplication/division of whole numbers, fractions, and decimals, and solving simple word problems.

## **ALP Math (8461)**

Grade Level: 9, 10, 11, 12  
Course Level: General  
Credits: .50 per semester (2 semesters)  
Prerequisite: None

While introducing the basic math skills, the main focus of this class is the development and enhancement of life skills math.

## **Geography 1-2 (8007)**

Grade Level: 9  
Course Level: General  
Credits: .50 per semester (2 semesters)  
Prerequisite: None  
*NCAA*

This course is designed to give a general overview of the world. It will cover the seven continents and their major countries. In addition, it will introduce students to the physical characteristics, economy, and people of the different regions of the world.

## **Health (8117) (8118)**

Grade Level: 9  
Course Level: General  
Credits: .50 per semester (1 semester)  
Prerequisite: None

This one semester class is a comprehensive health program of interrelated components that stress the choices and skills necessary for wellness. The information obtained from this class can help the students make personal decisions to choose and enjoy a healthy lifestyle.

## **Learning Strategies (8008) (8111/8113)**

Grade Level: 9, 10, 11, 12  
Course Level: General  
Credits: .50 per semester (2 semesters)  
.25 per semester (2 semesters) – ½ hour LS  
Prerequisite: None

The Learning Strategies class is an educational setting which provides academic support for students. Eligibility for this class is based on IEP documentation specifying a need for academic assistance with regular class assignments. This course will focus on areas of organizational skills, note taking, and study skills. Individual assistance in academic areas to promote academic success will also be provided. Students will be required to complete file work which promotes these skills.

## **Principles of Science 1-2 (8003)**

Grade Level: 9  
Course Level: General  
Credits: .50 per semester (2 semesters)  
Prerequisite: None  
*NCAA*

This course is designed to give the student an overview of biology. Basic terminology is used to introduce the concepts of scientific study, ecology, conservation, and the study of living things.

## **Introduction to Algebra 3-4C (8112)**

Grade Level: 10  
Course Level: General  
Credits: .50 per semester (2 semesters)  
Prerequisite: None  
*NCAA*

This course is the second year of a two-year course designed to cover fundamental algebra skills. This course is designed to improve the student's understanding of algebra and help prepare him or her for Practical Geometry 5-6.

# INDIVIDUALIZED EDUCATION DEPARTMENT

Tony Thompson, Department Chairperson

## English 3-4 (8110)

Grade Level: 10  
Course Level: General  
Credits: .50 per semester (2 semesters)  
Prerequisite: None  
NCAA

English 3-4 is a continuation of English 1-2 with more emphasis on the individual nature of reading difficulties. Novel reading, writing paragraphs, topic sentences, and reports are introduced.

## Civics: Consumers and Government 3-4 (8004)

Grade Level: 10  
Course Level: General  
Credits: .50 per semester (2 semesters)  
Prerequisite: None  
NCAA

The successful completion of Civics meets the requirements of Public Law 195 for graduation from Belleville Township High School West. In Civics, the student is exposed to principles of citizenship, government. Students will be required to pass tests on the U.S. Constitution, the Illinois Constitution, and the flag.

## U.S. History 5-6 (8222)

Grade Level: 11  
Course Level: General  
Credits: .50 per semester (2 semesters)  
Prerequisite: None  
NCAA

The successful completion of American History is necessary for graduation from Belleville Township High School West. The course covers the nation's history from 1492 through the 1990s. Class structure is lecture/note-taking combined with small group activities.

## Human Relations and Communications 1-2 (8550, 8718, 8720)

Grade Level: 9, 10, 11, 12  
Course Level: General  
Credits: .50 per semester (2 semesters)  
Prerequisite: None

This course analyzes issues of present-day America and how they relate to and impact high school students. Discussion and debate skills are taught within the contexts of social issues such as poverty, crime, homelessness,

violence, and drug abuse. Students are introduced to Aggression Replacement Training (ART) which consists of three coordinated interventions designed to help students deal with their anger in a positive and productive way.

## Principles of Science 3-4 (8114)

Grade Level: 10, 11  
Course Level: General  
Credits: .50 per semester (2 semesters)  
Prerequisite: None  
NCAA

This course examines the relationship that exists between living things and the environment. Areas of emphasis include: types of ecosystems, management of waste, chemical use, soil conservation, and water and air quality.

## Pre-Vocational Training (8224)

Grade Level: 11  
Course Level: General  
Credits: .50 per semester (2 semesters)  
Prerequisite: None

This course is an introduction to the world of work, its benefits and problems. The focus is on the dignity of employment and the role of the student in gaining a job and maintaining it. Areas of instruction include: 1) obtaining a job (practicing a variety of job search methods, completing different job applications used in the community, role-playing interview techniques, and completing and reviewing a simulated interview on video tape), 2) organizing personnel information for job search (completing resume information for pocket-size laminated resource card, completing a full written resume, and practicing writing letters of application), 3) developing positive attitudes for job survival (role-playing interaction with co-workers, role-playing interaction with authority, and role-playing interaction with customers), 4) applying basic math skills to vocational tasks (figuring gross and net pay, figuring hourly, weekly, and monthly pay, and figuring percent increase in pay) and 5) developing occupational awareness (completing vocational kit cards for career investigation, completing Kuder Test for personal aptitude assessment, and practicing appropriate job skills). This course meets the requirement for graduation in consumer education. (12001A000)

## English 5-6 (8220)

Grade Level: 11  
Course Level: General  
Credits: .50 per semester (2 semesters)  
Prerequisite: None  
NCAA

English 5-6 is centered primarily on grammar. Diagramming, punctuation, capitalization, and identification of sentence structures are emphasized. Students will extend their writing skills to the development of themes. The study of literature themes, characters and plot is introduced here.

## Practical Geometry 5-6C (8223)

Grade Level: 11  
Course Level: General  
Credits: .50 per semester (2 semesters)  
Prerequisite: None  
NCAA

This course is designed to cover the fundamental concepts of geometry. The course will use a “hands-on” approach to help the students better understand and be able to apply geometric concepts in real-life situations.

## Word Office Procedures (8226)

Grade Level: 12  
Course Level: General  
Credits: .50 per semester (2 semesters)  
Prerequisite: None

This course is designed to prepare students for entry-level employment in a technology-based office setting. Instruction will focus on office etiquette, office management, telephone and communications procedures, time management, records management (manual and electronic), and proper business behavior and attire. Students will perform clerical duties, perform information processing activities (e.g. spreadsheets, database entry, desktop publishing), and prepare documents using presentation software. Students will conduct research using the Intranet and/or Internet and learn the skills to supervise and train other employees. Students will gain exposure to cutting-edge technologies. Students will apply new skills, as well as learned in other courses, to complete a series of realistic office assignments or participate in an office work-based learning experience. Accuracy will be emphasized. According to the Illinois Learning Standards, students will apply proper grammar, punctuation, spelling and proofreading applications. Workplace and communication skills will be taught and

integrated throughout this course. The skill level requirements for this course are adjusted to meet individual needs.

Fee Required (B320)

## Work Skills Education 7-8 (8332)

Grade Level: 12  
Course Level: General  
Credits: .50 per semester (2 semesters)  
Prerequisite: None

As a work-related class for cooperative work experience, this course teaches entry-level competencies for a variety of work situations. Students also develop communication skills and plan for post-graduation employment. Areas of instruction include: 1) General job-survival skills (demonstrating appropriate punctuality and attendance at school and at work site, using appropriate communication techniques with authority figures, developing positive behaviors in interaction with co-workers, using problem-solving techniques to resolve conflict situations at school and at the work site, using personal organizational skills for budgeting time and following co-op training agreement requirements, and practicing basic safety and first-aid procedures) and 2) Specific entry-level competencies (building maintenance helper skills—general inspection, cleaning tasks, safe use of cleaning equipment, assemble/package set up and maintenance of work area, assembly operations, sealing and packaging operations, fast service food preparation worker—following safety procedures, sanitizing techniques, serving guests, dining room worker—dining room set-up procedures, serving guests, and counter worker—serving guests, performing side work sanitizing techniques). This course meets the requirement for graduation in consumer education. (22153A001)

## English 7-8 (8330)

Grade Level: 12  
Course Level: General  
Credits: .50 per semester (2 semesters)  
Prerequisite: None  
NCAA

English 7-8 returns to reading development. Several novels are read in this class and book reports are used not only to stimulate independent reading but also as a source of longer writings. Vocabulary and comprehension drills are the main tasks.



## **Cooperative Work Experience (8334)**

Grade Level: 12

Course Level: General

Credits: 1.0 per semester (2 semesters)

Prerequisite: None

The goal of this class is for the student to gain part-time employment and maintain that job with acceptable skills. Areas of concentration include: 1) developing job skills as required at the training site, 2) maintaining employment for a minimum of three months each semester, 3) demonstrating job punctuality and attendance, 4) performing clerical duties (completing job station reports, completing training agreements, and completing time sheets) and 5) job problem-solving (using effective communication techniques and meeting with work study coordinator to monitor on-job performance). The Illinois Learning Standards are applied throughout the course. (22153A001)

# MATHEMATICS DEPARTMENT

Matt Nimmons, Department Chairperson

Grade	Mathematics Course Options				
	Plan I		Plan II	Plan III	Plan IV
	Honors – Double	Honors			
9	Algebra I Honors* Geometry Honors	Algebra I Honors	Algebra I Adv.	Algebra I	Intro to Algebra 1-2
10	Algebra II Honors	Geometry Honors	Geometry Adv.	Geometry	Intro to Algebra 3-4
11	AP Trig/Pre-Calc H	Algebra II Honors	Algebra II Adv.	Algebra II	Geo 5-6
12	Calculus AP AB/BC	AP Trig/Pre-Calc H	Trig/Pre-Calculus Statistics	Discrete Math	Applied Math

\*Algebra I Honors may be skipped with a passing grade on the Algebra I Honors final exam

## Algebra I - 8 (6080)

Grade Level: 8

Course Level: General

Credits: .50 per semester (2 semesters)

*Freshmen who have successfully completed junior high school Algebra may be placed in Honors Geometry. Credit can only be awarded if the course is taught by a high school certified teacher. If a student successfully completes the course, but is not eligible for credit, NCC will appear next to the course title on the transcript.*

*Next Course: Geometry or Honors Geometry*

## Introduction to Algebra 1-2 (6108)

Grade Level: 9

Course Level: General

Credits: .50 per semester (2 semesters)

Prerequisite: Entry is based on teacher recommendation and standardized test scores.

This course exists to introduce student to the fundamental skills of mathematics and algebra. Introduction to Algebra Title is the first year of a two-year course that covers the materials found in beginning algebra courses.

**Next Course:** Intro to Algebra 3-4

## Algebra I (6100)

Grade Level: 9

Course Level: General

Credits: .50 per semester (2 semesters)

Prerequisite: Placement test scores below the 50<sup>th</sup> percentile and teacher recommendation. NCAA

Students will learn about relationships between quantities and reasoning with equations, linear and exponential relationships, descriptive statistics, expressions and equations, and quadratic functions and modeling.

**Next Course:** Geometry

## Algebra Lab (6126, 6127) – ½ course opposite lunch

Grade Level: 9

Course Level: General

Credits: .25 elective credits per semester (2 semesters)

Prerequisite: Entry is based on math department recommendation.

A complimentary course to Algebra I that incorporates intensive and extensive instruction as well as enrichment activities to provide services needed for student achievement. Such support will include but not be limited to extended learning time, small and large group instruction, and instruction of study skills and organizational skills. This course provides additional support for students who have not mastered the foundation skills required for Algebra I Advanced.

## Algebra I Advanced (6101)

Grade Level: 9, 10

Course Level: Advanced

Credits: .50 per semester (2 semesters)

Prerequisite: Placement test scores above the 50<sup>th</sup> percentile and teacher recommendation.  
*NCAA*

Students will learn about relationships between quantities and reasoning with equations, linear and exponential relationships, descriptive statistics, expressions and equations, and quadratic functions and modeling. This class will move through the material at a fast pace.

**Next Course:** Geometry Advanced

## Algebra I Honors (6102)

Grade Level: 9

Course Level: Honors

Credits: .50 per semester (2 semesters)

Prerequisite: Above recommended score on math placement test and teacher recommendation.  
*NCAA*

Algebra I Honors is for students with better than average ability in mathematics. In addition to covering the course material more thoroughly and rigorously with an emphasis on more challenging problems, the students are provided with supplementary and enrichment topics.

**Next Course:** Geometry Honors

## Introduction to Algebra 3-4 (6216)

Grade Level: 10, 11

Course Level: General

Credits: .50 per semester (2 semesters)

Prerequisite: Successful completion of Introduction to Algebra I Title

This course is the second year of a two-year course designed to include the material covered in Algebra IA. This course is also designed to improve the student's understanding of algebra and help prepare him or her for Practical Geometry Core.

**Next Course:** Geo 5-6

## Geometry (6210)

Grade Level: 11, 12

Course Level: General

Credits: .50 per semester (2 semesters)

Prerequisite: Completion of Algebra I  
*NCAA*

A course in geometry where students will study constructions with the use of technology, congruence and similarity, reason abstractly and quantitatively in solving problems and proofs, right triangles and trigonometry, the relationship between two and three dimensional objects, area and volume, coordinate geometry and its connection to algebra, the study of circles and conic sections, and applications of probability.

**Next Course:** Algebra II

## Geometry Advanced (6211)

Grade Level: 10, 11

Course Level: Advanced

Credits: .50 per semester (2 semesters)

Prerequisite: Completion of Algebra I Advanced with a grade of "C" or better.  
*NCAA*

This is a full-year course that stresses both basic structure of geometry and proficiency in developing formal proofs. Algebraic skills are strengthened as algebraic methods are applied to solving problems in geometry.

**Next Course:** Algebra II Advanced or Algebra II

## Geometry Honors (6212)

Grade Level: 9, 10

Course Level: Honors

Credits: .50 per semester (2 semesters)

Prerequisite: Completion of Algebra I Honors with a grade of "B" or better and a recommendation by the algebra teacher. Freshmen may take with Algebra I Honors.

*NCAA*

In addition to covering all the topics included in the regular geometry course, Geometry Honors is an accelerated course which will delve into many topics in greater depth and will be supplemented from other sources.

**Next Course:** Algebra II Honors

## Geo 5-6 (6325)

Grade Level: 11, 12  
Course Level: General  
Credits: .50 per semester (2 semesters)  
Prerequisite: Successful completion of Algebra I Title

Algebraic skills are strengthened as algebraic methods are applied to solving problems in geometry. This course is designed to cover the fundamental concepts of geometry. The course will use a “hands-on” approach to help the students better understand and be able to apply geometric concepts in real-life situations.

**Next Course:** Applied Math

## Algebra II (6317)

Grade Level: 11, 12  
Course Level: General  
Credits: .50 per semester (2 semesters)  
Prerequisite: Successful completion of Geometry or Geometry Advanced  
NCAA

This is the second year of Algebra where relationships and modeling between polynomial, rational, logarithmic, radical and trigonometric functions are explored. Students will also examine data and make inferences and conclusions.

**Next Course:** Discrete Math

## Algebra II Advanced (6321)

Grade Level: 11, 12  
Course Level: Advanced  
Credits: .50 per semester (2 semesters)  
Prerequisite: Complete Geometry or Algebra II, received a grade of “C” or better in Algebra I Advanced, and teacher recommendation.  
NCAA

Algebra II is a weighted algebra course which will quickly review the material covered in Algebra I and then develop additional material as an extension of these topics. New topics studied will include matrices, polynomial functions, logarithms, rational functions and conic sections.

**Next Course:** Trigonometry/Pre-Calculus

## Algebra II Honors (6322)

Grade Level: 10, 11  
Course Level: Honors  
Credits: .50 per semester (2 semesters)  
Prerequisite: Complete Algebra I Honors with a grade of “B” or better, Geometry Honors with a grade of “B” or better, or recommendation of the preceding teacher with department chair approval.  
NCAA

This course will cover the same topics as Algebra II, but in more breadth and depth. Additional topics will include sequences/series and two chapters of trigonometry.

**Next Course:** Trig/Pre-Calc Honors

## Applied Mathematics (6152)

Grade Level: 12  
Course Level: General  
Credits: .50 per semester (2 semesters)  
Prerequisite: Complete Geometry- Any level

This course will focus on practical skills needed for future success in one's personal life. Emphasis will be on using the math skills attained during high school to make sound decisions with one's finances, future planning, and social life. Various areas of math are used including algebra, geometry, and statistics.

## Discrete Math (6155)

Grade Level: 12  
Course Level: General  
Credits: .50 per semester (2 semesters)  
Prerequisite: Complete Algebra II  
NCAA

This course will focus on mathematical skills needed for future success in college or one's personal day to day life. Emphasis will be on the practicality of the concepts. Each unit will focus on a real world applications with implications for the students. Units focusing on Algebra, Geometry, Trigonometry, Statistics, Consumer Math/ Finance, Statistics, Combinatorics and Probability will be included along with practical aspects to each domain. Successful completion of this course guarantees placement into a credit-bearing math class in all Illinois community colleges and participating universities.

## Statistics (6341)

SWIC

Grade Level: 12  
 Course Level: Advanced  
 Credits: .50 per semester (2 semesters)  
 Prerequisite: Complete Algebra I Advanced, Geometry Advanced, and Algebra II Advanced with a “C” or better.  
 NCAA

This course is a college level introduction to statistics for students not going into a STEM field. Some of the concepts and techniques included are the description of quantitative data, probability and probability distributions, sampling and statistical inferences, and correlation and regression. Students will be required to use a calculator and a statistical software package in this course

## Trigonometry/Pre-Calculus (6330)

Grade Level: 12  
 Course Level: Advanced  
 Credits: .50 per semester (2 semesters)  
 Prerequisite: Complete Algebra I Advanced, Geometry Advanced, and Algebra II Advanced with a “C” or better.  
 NCAA

This course is the last year of a four year mathematics program that provides excellent preparation for college mathematics. It is a full year course which includes an extension of Algebra II, with many topics covered to greater depth and breadth; trigonometry, with emphasis on analytic trigonometry, logarithmic and numerical applications of trigonometry; and other pre-calculus topics.

## AP Trig/Pre-Calc Honors (6334)

AP

Grade Level: 11, 12  
 Course Level: Honors  
 Credits: .50 per semester (2 semesters)  
 Prerequisite: Completion of Algebra II Honors with grades of “B” or better or department chair approval.  
 NCAA

Trig/Pre-Calc Honors is a two-semester course for the junior/senior accelerated mathematics student who has substantial algebraic preparation and who has studied a considerable amount of trigonometry in a previous course. Additional emphasis will be placed on probability, parametric and polar equations, and calculus.

**Next Course:** Calculus AP AB or Calculus AP BC

## AP Computer Science A (6229)

SWIC

Grade Level: 11, 12  
 Course Level: Honors  
 Credits: .50 per semester (2 semesters)  
 Prerequisite: None

AP Computer Science A is an introductory college-level computer science course. Students cultivate their understanding of coding through analyzing, writing, and testing code as they explore concepts like modularity, variables, and control structures.

## Calculus AP AB (6336)

Grade Level: 12  
 Course Level: Honors  
 Credits: .50 per semester (2 semesters)  
 Prerequisite: Completion of Trig/Pre-Calc Honors or Trig Pre-Calc with a “C” or better.  
 NCAA

Advanced Placement Calculus is a full-year course which covers a two-semester calculus course. It will cover the topics included in the Advanced Placed AB Calculus exam, which the students are expected to take. This course and instructor(s) have passed the Advanced Placement Audit of the College Board®. Successful completion of the Advanced Placement Audit certifies that course content is appropriate to prepare for the Advanced Placement Exam.

## Calculus AP BC (6335)

AP

Grade Level: 12  
 Course Level: Honors  
 Credits: .50 per semester (2 semesters)  
 Prerequisite: Completion of Trig/Pre-Calc Honors with a “B” or better and teacher recommendation  
 NCAA

Advanced Placement Calculus BC is a full-year course which covers two college calculus courses. It will cover the topics included in the Advanced Placed BC Calculus exam, which the students are expected to take. This course and instructor(s) have passed the Advanced Placement Audit of the College Board®. Successful completion of the Advanced Placement Audit certifies that course content is appropriate to prepare for the Advanced Placement Exam.

*NOTE: Placement in the various instrumental and vocal courses is by audition and consent of instructor.*

Grade	Music Course Options	
9	Concert Band/Marching Band Symphonic Band/Marching Band Marching/Color/ Guard Marching Percussion Jazz Ensemble Instrumental Music	Chorus Bass Choir Concert Choir
10	Concert Band/Marching Band Symphonic Band/Marching Band Marching/Color Guard Marching Percussion Jazz Band Jazz Ensemble Instrumental Music	Bass Choir Treble Choir Bellevillettes Concert Choir Vocal Jazz
11 & 12	Concert Band/Marching Band Symphonic Band/Marching Band Marching/Color Guard Marching Percussion Jazz Band Jazz Ensemble Instrumental Music Fundamentals of Music Theory Music Appreciation	Bass Choir Treble Choir Bellevillettes Concert Choir Maroon Majic Vocal Jazz

**Concert Band/Marching Band (1801)**

Grade Level: 9, 10, 11, 12  
 Course Level: General  
 Credits: .50 per semester (2 semesters)  
 Prerequisite: Admission is through consent of instructor.

Students will participate in Marching Band during the first ¼ of the academic year – during football season. The Marching Band performs for athletic events, band festivals, and community parades in Illinois and the greater St. Louis area. All students attend a summer band camp on the West campus. At the conclusion of the football season, Concert Band will function as an ensemble that performs standard literature by traditional and contemporary composers at several concerts during the school year. . Additional information may be obtained at [bellevillewestmusic.org](http://bellevillewestmusic.org) or by contacting Mr. Pond-Jones at 222-7687.

**Symphonic Band/Marching Band (1901)**

Grade Level: 9, 10, 11, 12  
 Course Level: General  
 Credits: .50 per semester (2 semesters)  
 Prerequisite: Admission is through audition and consent of instructor.

Students will participate in Marching Band during the first ¼ of the academic year – during the football season.

The Marching Band performs for athletic events, band festivals, and community parades in Illinois and the greater St. Louis area. All students attend a summer band camp on the West campus. At the conclusion of football season, Symphonic Band will function as an advanced performing ensemble consisting of students from all grade levels, but primarily grades 11 and 12. This ensemble performs standard wind literature by traditional and contemporary composers during several campus and off-campus performances. Additional information may be obtained at [bellevillewestmusic.org](http://bellevillewestmusic.org) or by contacting Mr. Pond-Jones at 222-7687.

**Marching/Color Guard (1858)**

Grade Level: 9, 10, 11, 12  
 Course Level: General Credits: .50 per semester (2 semesters)  
 Prerequisite: Admission is through audition and consent of instructor.

Students will participate in Marching Band during the first semester of the academic year. The Color Guard performs for athletic events, band festivals, and community parades in Illinois and the greater St. Louis area. All students attend a mandatory summer band camp on the West campus. During the second semester, Color

Guard functions as a Winter Guard and performs at several Winter Guard festivals. Attendance at after school rehearsals, additional camp dates, and performances are mandatory. Additional information may be obtained at [bellevillewestmusic.org](http://bellevillewestmusic.org) or by contacting Mr. Wilson at 222-7629.

## Marching/Percussion (1918)

Grade Level: 9, 10, 11, 12

Course Level: General

Credits: .50 per semester (2 semesters)

Prerequisite: No auditions are required for entry

See course description for 1801 and 1901

This course number is for percussionists.

## Instrumental Music (1850, 1851) – ½ course opposite lunch

Grade Level: 9, 10, 11, 12

Course Level: General

Credits: .25 per semester (2 semesters)

Prerequisite: None

This class consists of woodwind, brass, and percussion students and meets for one half hour each day. This will provide supplemental instruction for the student in Concert or Symphonic Band as a second instrumental music class; also, this will enable students to continue study while completing Health and/or Driver Education requirements.

## Jazz Ensemble (1907, 1908) – ½ course opposite lunch

Grade Level: 9, 10, 11, 12

Course Level: General

Credits: .25 per semester (2 semesters)

Prerequisite: Admission is through audition and consent of the instructor

The three Jazz Ensembles include students from all grade levels and feature the study of music for the traditional jazz ensemble. The study of jazz improvisation is introduced as a part of this offering. Several performances will be held on the campus and within the community. Additional information may be obtained at [bellevillewestmusic.org](http://bellevillewestmusic.org) or by contacting Mr. Pond-Jones at 222-7687.

## Jazz Band (1905)

Grade Level: 10, 11, 12

Course Level: General

Credits: .50 per semester (2 semesters)

Prerequisite: Students are selected from the Symphonic and Concert Bands, and admission is through audition and consent of the instructor.

Jazz Band is an advanced ensemble and features the study of music by traditional and contemporary composers and performers and includes the study of jazz improvisation. This group is featured at numerous public performances. Additional information may be obtained at [bellevillewestmusic.org](http://bellevillewestmusic.org) or by contacting Mr. Pond-Jones at 222-7687.

## Orchestra (1921)

Grade Level: 9, 10, 11, 12

Course Level: General

Credits: .50 per semester (2 semesters)

Prerequisite: Admission is by consent of instructor

This performing ensemble includes woodwind, brass, percussion, and string instruments and is designed to perform music written for the traditional and contemporary chamber orchestra. In this ensemble, the study of music fundamentals is emphasized. Participation includes one full class period as well as campus performances during each semester. Additional information may be obtained at [bellevillewestmusic.org](http://bellevillewestmusic.org) or by contacting Mr. Pond-Jones at 222-7687.

## Fundamentals of Music Theory (1930)

Grade Level: 11, 12

Course Level: General

Credits: .50 per semester (1 semester)

Prerequisite: Participation in music performance ensembles at Belleville West

SWIC

This is a beginner's course in reading music notation and understanding keys, scales and chords, including an introduction to the keyboard. The course is designed for a variety of music students: those who are beginning the study of music with little or no background; those who are prospective college music majors who must prepare for formal training in harmony and counterpoint; prospective elementary school teachers who need a basic knowledge of music; and those students who would like a degree of music literacy. This class is dual credit through SWIC and students earn three college credits upon successful completion. (This non-performance music course is considered an "Academic class.")

**Music Appreciation (1983)**

Grade Level: 11, 12  
 Course Level: General  
 Credits: .50 per semester (1 semester)  
 Prerequisite: None



This course presents a survey of Western music from the Middle Ages through the present. In addition to learning musical elements and orchestral instruments, students will be introduced to the compositions of the master composers and stylistic characteristics of the various musical eras. A writing component such as a concert report or research paper is required. This class is dual credit through SWIC and students earn three college credits upon successful completion. (This non-performance music course is considered an "Academic class.")

**Bass Choir (1958) – ½ course opposite lunch**

Grade Level: 9, 10, 11, 12  
 Course Level: General  
 Credits: .25 per semester (2 semesters)  
 Prerequisite: Admission is through consent of the instructor

This chorus will perform various styles of choral literature for the male voice. Participation in this class includes one half hour class period each day and campus performances each semester. For additional information, contact Mrs. Moeller at 222-7686.

**Treble Choir (1940, 1941) – ½ course opposite lunch**

Grade Level: 10, 11, 12  
 Course Level: General  
 Credits: .25 per semester (2 semesters)  
 Prerequisite: Admission is through consent of the instructor and by audition.

This chorus performs a variety of choral literature for the female voice. Participation includes one half hour class period each day and public performances on campus throughout the year. For additional information, please contact Mr. Wilson at 222-7629 or Mrs. Moeller at 222-7686.

**Bellevillettes (1950)**

Grade Level: 10, 11, 12  
 Course Level: General  
 Credits: .50 per semester (2 semesters)  
 Prerequisite: Admission is through audition and consent of instructor.

This ensemble is an advanced women's choir and performs various styles of literature for the female voice. Participation in this class includes one full class period and public performances during the school year. For additional information, please contact Mr. Wilson at 222-7629.

**Concert Choir (1970)**

Grade Level: 9, 10, 11, 12  
 Course Level: General  
 Credits: .50 per semester (2 semesters)  
 Prerequisite: Admission is through audition and consent of the instructor.

Concert Choir is an advanced mixed choir that performs various styles of choral literature. Also includes studies in music theory and sight reading. Participation in this class includes one full class period and various public performances each semester. For additional information, please contact Mrs. Moeller at 222-7686.

**Maroon Majic (1990)**

Grade Level: 11, 12  
 Course Level: General  
 Credits: .50 per semester (2 semesters)  
 Prerequisite: Admission is through audition and consent of the instructor.

Maroon Majic experiments with vocal acappella, jazz, and advanced choral literature. Students are selected from concert choir and Bellevillettes. Admission is through audition and consent of the instructor. Participation in this class includes one full class period and numerous public performances outside of the school day, as well as campus performances each semester.



## **Chorus (1804, 1807) – ½ course opposite lunch**

Grade Level: 9  
Course Level: General  
Credits: .25 per semester (2 semesters)  
Prerequisite: No auditions are required for entry.

Chorus is open to all freshman females and focuses on the beginning treble voice. Participation in this class includes one-half class period each day and campus performances each semester. We also focus on the basics of music theory, sight reading and perform a wide variety of choral literature. For additional information, please contact Mrs. Moeller at 222-7686.

## **Lunch/Vocal Jazz (1985)**

Grade Level: 10, 11, 12  
Course Level: General  
Credits: .25 per semester (2 semesters)  
Prerequisite: Audition and consent of instructor

A variety of vocal jazz styles are studied, including swing, jazz ballad, samba, bossa nova and jazz waltz. Students will also prepare solos for performance in the various jazz genres.

# PE, HEALTH & DRIVER'S EDUCATION DEPARTMENT

Todd Baltz, Department Chairperson

Grade	PE, Health, & Driver's Education Course Options
9	Health Freshman PE
10 - 12	Team Sports Individual Sports Athletic PE Personal Fitness Driver's Education

## Health (5107, 5108)

Grade Level: 9  
Course Level: General  
Credits: .50 per semester (1 semester)  
Prerequisite: None

Health education is the vehicle that impacts knowledge, examines attitudes, and formulates lifestyle behaviors that help each student maximize his or her potential for total well being through an emphasis on wellness. Wellness is a holistic approach to health that focuses on positive health habits and lifestyle. This includes knowledge and skills that enable the students to assume personal responsibility for decisions regarding their well being. Healthy decisions not only help prevent disease, but also help students feel good physically and enable them to energetically do those tasks they choose. Healthy decisions help students feel good about themselves, feel comfortable with others, and cope with the challenges of life. Healthy decisions help students choose and build positive relationships.

## Freshman PE (5001, 5002)

Grade Level: 9  
Course Level: General  
Credits: .50 per semester (1 semester)  
Prerequisite: None

The Freshman Physical Education Program is designed to help students accomplish three main objectives: 1) Acquire knowledge about the benefits of physical activity to health and wellness and about the principles of fitness; 2) Become physically active while pursuing goals to become physically fit; and 3) Become an independent decision maker who can plan his or her own personal fitness program.

## SOPHOMORE, JUNIOR, AND SENIOR PHYSICAL EDUCATION

Physical Education is a planned program of instruction that encompasses both team and individual activities selected and taught according to the physical and social needs and interests of the students. Students will be able to select team sport activities or individual and lifetime sport activities. An Athletic PE class is offered to varsity athletes and encompasses regimes of Strength/Conditioning, and Personal Fitness activities. The class will be offered all hours for athletes to engage in the type of activity to better their own fitness and well being. Each course incorporates a wide range of activities that students can use throughout life that encompasses total understanding in relation to a student's total wellness.

## Health Skills (5130, 5131)

Grade Level: 10, 11, 12  
Course Level: General  
Credits: .50 per semester (1 semester)  
Prerequisite: None

Health Skills is a semester course designed to provide the student with a skills based approach to health education. Its purpose is to prepare students for success by supporting their development of skills and acquisition of knowledge as it relates to healthy living. The course will include knowledge needed now and the knowledge students will need in the future to maintain or enhance their health.

## Team Sports (5012)

Grade Level: 10, 11, 12  
Course Level: General  
Credits: .50 per semester (1 semester)  
Prerequisite: None

Team Sports is a co-ed class designed for the student who wants to participate in team sports such as softball, flag football, basketball, volleyball, soccer, *and* others.

Each instructor would select the activities according to class size and facilities available.

## Individual Sports (5006)

Grade Level: 10, 11, 12  
Course Level: General  
Credits: .50 per semester (1 semester)  
Prerequisite: None

Individual Sports is a co-ed class designed to introduce individual and lifetime sports and is geared for the student who likes to participate in such related activities such as archery, tennis, badminton, walking, recreational games, and others. Each instructor would select activities according to class size and facilities available. Off-campus activities include golf and bowling units (additional course fee required).

## Athletic PE (5004)

Grade Level: 10, 11, 12  
Course Level: General  
Credits: .50 per semester (1 semester)  
Prerequisite: None

Athletic PE is a combination of Strength/Conditioning/Fitness and is designed for the varsity athlete who wants to improve his or her total all around strength and physical condition. The class is designed to meet the athletic goals. Whether it involves weight gain or weight loss, decreasing total body fat percentage, increase muscle mass, dexterity, flexibility, or simply improving athletic performance, or just to gain and improve overall fitness and well-being. The class will engage in a number of anaerobic and aerobic activities through a wide range variety of techniques.

## Personal Fitness (5229)

Grade Level: 10, 11, 12  
Course Level: General  
Credits: .50 per semester (1 semester)  
Prerequisite: None

This course is designed for students who want to incorporate more life-long fitness to their everyday life. The goals of the class will be to give students the knowledge to take control of their fitness while not in a traditional Physical Education setting. Students will be assessed early in the semester of their general fitness levels and throughout the semester will set attainable goals for improving those levels. The class will engage in classroom and lab/fitness sessions.

## Driver's Education (5507/5517,5508/5518)

Grade Level: 10, 11, 12  
Course Level: General  
Credits: .75 per semester (1 semester)  
Prerequisite: **Students must receive a passing grade in at least 8 courses during the previous two semesters, and earn at least a 2.0 GPA during the one semester prior to enroll in the course. This course is available strictly on the basis of age. Cut-off dates vary year to year based on enrollment.**

The purpose of Driver's Education is the development of traffic citizens who will be competent and responsible users of the highway transportation system. Students will learn to drive with the aid of classroom and behind-the-wheel instruction. Thirty (30) clock hours of instruction is required of all eligible students. The classroom instruction does include instruction on distracted driving as a major traffic safety issue. The student must also complete six (6) hours of behind the wheel training with a certified instructor.

Both classroom and behind the wheel are offered to students during this course. *Students may be required to complete their driving outside of normal school hours by setting up a schedule with a Behind the Wheel Instructor. The BTW driving portion requires access to a car at home for practice. Each student is required by law to accumulate 50 hours of at home driving practice with a licensed adult. Not having access to a functioning vehicle at home can make this a difficult course to succeed in.*

Cost of permit: \$20 payable to the Illinois Secretary of State.

Course Fee: \$125.00 (covers the cost of the cars, gas, maintenance, and insurance, etc.)

# SCIENCE DEPARTMENT

Seth Garrett, Department Chairperson

Grade	Biology Course Options	Chemistry Course Options	Physics Course Options
9	Biology 1 Core Biology 1 Biology 1 Honors Agricultural Science (concurrent enrollment in Regular or Honors Bio)		
10	Agricultural Science Horticulture Science Biology 2 Biology Core 2	Chemistry Honors Chemistry Physical Science	
11	Human Anatomy & Physiology Honors Advanced Biology AP Environmental Science AP Biology 2 Veterinary Science Agricultural Science Horticulture Science	Advanced Chemistry AP Chemistry Physical Science Forensic Science Honors	Physics AP Physics I Honors
12	Human Anatomy & Physiology Honors Advanced Biology AP Environmental Science AP Biology 2 Veterinary Science Agricultural Science Horticulture Science	Advanced Chemistry AP Chemistry Physical Science Forensic Science Honors	Physics AP Physics I Honors AP Physics II Honors

## Biology 1 Core (2102)

Grade Level: 9  
Course Level: General  
Credits: 0.50 per semester (2 semesters)  
Prerequisite: Department Chair approval, 8<sup>th</sup> grade test scores, and 8<sup>th</sup> grade teacher recommendation

This course is designed to engage students in the development of enhanced, in-depth reading, writing, organizational, and study skills. Topics include the nature of science, general biochemistry, ecology, cell structure & function, energy usage in cells, DNA & genetics, evolutionary biology, taxonomy, and a brief introduction to organisms in many biological domains.

Along with a focus on basic scientific principles, students will engage in laboratory activities that will require the application of general scientific principles and use of basic laboratory equipment. Enrolled students will benefit from a lower student to teacher ratio and greater individualized instruction.

This class is an ISBE laboratory science.

## Biology 1 (2110)

Grade Level: 9  
Course Level: General  
Credits: .50 per semester (2 semesters)  
Prerequisite: None  
NCAA

This is the first in a series of general science courses. Topics include the nature of science, general biochemistry, ecology, cell structure & function, energy usage in cells, DNA & genetics, evolutionary biology, taxonomy, and a brief introduction to organisms in many biological domains.

The course is designed to improve and engage students in critical thinking skills, their overall organization, and their study skills. Students will engage in laboratory activities that will require the application of general scientific principles and use of basic laboratory equipment. Many assignments will commonly be completed inside the classroom, such as projects and formal labs.

This class meets the entrance requirements for Illinois state colleges and universities and is an ISBE laboratory science.

## Biology 1 Honors (2000)

Grade Level: 9  
Course Level: Honors  
Credits: .50 per semester (2 semesters)  
Prerequisite: Appropriate score on 8<sup>th</sup> grade West Math Placement Exam and 8<sup>th</sup> grade science teacher recommendation  
NCAA

This is the first in a series of honors-level courses. Topics include the nature of science, general biochemistry, ecology, cell structure & function, energy usage in cells, DNA & genetics, evolutionary biology, taxonomy, and a brief introduction to organisms in many biological domains.

The course is designed for students in the top 25 percent of their class who will be expected to produce quality, consistent written work, read at or above grade level, maintain daily organization, and remain highly motivated to keep up with rigorous, face-paced delivery of material. Students will engage in laboratory activities that will require the application of general scientific principles and use of basic laboratory equipment. Many assignments will commonly be completed outside the classroom, such as projects, daily homework, and formal lab reports.

This class meets the entrance requirements for Illinois state colleges and universities and is an ISBE laboratory science.

## Agricultural Science (3900)

Grade Level: 9, 10, 11 & 12  
Course Level: General  
Credits: .50 per semester (2 semesters)  
Available to all students, including incoming freshmen with **concurrent** enrollment in Regular or Honors Biology.

Major units of instruction include agricultural research, soil science, advanced plant science, biotechnology, advanced animal science. Applied science and math skills and concepts will be stressed throughout the course as they relate to each area. Improving computer and workplace skills will be a focus. Participation in activities that take place in the greenhouse are a requirement for this course. This course will satisfy an elective credit. (This is a Career and Technical Education approved program. 18003A001) **Students can receive a science credit for this course.**

## Biology 2 (2120)

Grade Level: 10, 11, 12

Course Level: General

Credits: .50 per semester (2 semesters)

Prerequisite: Successful completion of the fall and spring semesters of Biology

NCAA

This course is designed to follow the completion of Biology 1 and will offer an in-depth introduction to the relationships that exist between organisms, the environment, and the impact of humans. The influence of these interactions and the adoption of practices potentially leading to improved air, land, and water quality are investigated. Specific topics that will be emphasized include Earth's variety of ecosystems, waste management, chemical use, soil conservation, and land use / regulations. An overview of the diversity of life will be covered by studying various traits associated with the animal kingdom. Throughout the course, students will be encouraged to understand the connections between the previously mentioned topics and themselves. Extended outdoor lab experiences are a required part of the curriculum.

This class meets the entrance requirements for Illinois state colleges and universities and is an ISBE laboratory science.

## Chemistry (2620)

Grade Level: 10, 11, 12

Course Level: Advanced

Credits: .50 per semester (2 semesters)

Prerequisite: C or better in Biology with a C or better in Algebra I Advanced, Algebra II and / or Geometry, or an A in Algebra I.

NCAA

Chemistry is devoted to the study of matter, its changes, and the energy relationships that accompany these changes. Topics include areas such as atomic structure, chemical bonding, chemical reactions, solutions, and the properties & uses of the chemical elements. These concepts will be used to better understand scientific principles and how they apply to everyday life. Students will engage in regular laboratory activities with ample opportunity to investigate the listed topics above.

This class meets the entrance requirements for Illinois state colleges and universities and is an ISBE laboratory science.

## Chemistry Honors (2510)

Grade Level: 10, 11, 12

Course Level: Honors

Credits: .50 per semester (2 semesters)

Prerequisite: A desire to pursue a challenging course.

“C” or better in Honors Biology, “C” or better in Algebra I Honors, or “A” in Algebra I Advanced.

NCAA

This is the second in a series of honors-level courses. Chemistry is devoted to the study of matter, its changes, and the energy relationships that accompany these changes. Topics include areas such as atomic structure, chemical bonding, chemical reactions, solutions, gas laws, stoichiometry, acid-base reactions and the properties & uses of the chemical elements. An in-depth study of these concepts will include an emphasis on critical thinking. Students will solve quantitative problems similar to those encountered in an entry-level, college chemistry course and engage in regular inquiry-based, laboratory activities with ample opportunity to investigate the listed topics above.

This class meets the entrance requirements for Illinois state colleges and universities and is an ISBE laboratory science.

## Horticulture Science (3905)

Grade Level: 10, 11, & 12

Course Level: General

Credits: .50 per semester (2 semesters)

Prerequisite: Successful completion of Regular or Honors Biology.

This course is designed to introduce students to the horticulture industry and provide them with basic plant science knowledge that can be further developed in a greenhouse setting. Major units of instruction include horticulture research, horticultural careers, plant anatomy, seed germination, plant propagation, growing media, pest management, hydroponics, identifying horticultural plants, growing greenhouse crops, and floral design. Improving computer and workplace skills will be a focus. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration and reinforcement of academic concepts. Participation in activities that take place in the greenhouse are a requirement for this course. (This is a Career and Technical Education approved program 18052A001.) **Students can receive a science credit for this course.**

## Veterinary Science (3901)

Grade Level: 11 and 12

Course Level: General

Credits: .50 per semester (2 semesters)

Prerequisite: Successful completion of Regular or Honors Biology and successful completion of either Physical Science or Chemistry. Instructor Approval would be required for any student who does not meet prerequisites.

This course will develop students' understanding of the small and companion animal industry, animal anatomy and physiology, animal ethics and welfare issues, animal health, veterinary medicine, and animal services to humans. Career exploration will focus on veterinarian, veterinary lab technicians, small animal production, research lab assistant, and animal nutrition lab technician. Improving computer and workplace skills will be a focus. This course will satisfy an elective credit. (This is a Career and Technical Education approved program. 18105A001)

**Students can receive a science credit for this course.**

## Physical Science (2200)

Grade Level: 10, 11, 12

Course Level: General

Credits: .50 per semester (2 semesters)

Prerequisite: Successful completion of the fall and spring semesters of Biology and a "C" or better in Algebra I (or higher math)

NCAA

Physical Science is a course that offers an introduction to Earth Science, Physics, Astronomy, and Chemistry. The curriculum is designed to cover a general, yet comprehensive understanding of each of the previously listed topics. Specific information on the solar system, earthquakes, volcanos, weather, force, acceleration, atomic structure, and chemical reactions will be discussed.

This class meets the entrance requirements for Illinois state colleges and universities and is an ISBE laboratory science.

## Forensic Science Honors (2302)

Grade Level: 11, 12

Course Level: Honors

Credits: .50 per semester (2 semesters)

Prerequisite: Grade of "C" or better in all previous Honors science courses OR a "B" or better in all General science course combined with instructor approval.

NCAA

SLU

This course is a dual credit / SLU class in which students will apply several fields of science (chemistry, physics, and biology) to the criminal and civil laws that are enforced by police agencies in a criminal justice system. Information on forensic careers, crime scene investigation, physical evidence analysis, criminal psychology and forensic anthropology will be covered. More specifically the investigation fingerprinting, fiber analysis, ballistics, trace evidence analysis, toxicology, blood spatters, and blood samples will be investigated utilizing principles established in previous science classes. Students are taught skills on the proper collection, preservation, and laboratory analysis of various samples that may be useful in a future career in law enforcement or other aspects of the justice system. The course requires high expectations of lab work and work outside of classroom.

This class meets the entrance requirements for Illinois state colleges and universities and is an ISBE laboratory science.

## Physics (2630)

Grade Level: 11, 12

Course Level: Advanced

Credits: .50 per semester (2 semesters)

Prerequisite: A "C" or better in all General science courses and previous or concurrent enrollment in Algebra II Advanced.

NCAA

Physics is devoted to the study of the patterns and relationships which are fundamental to a better understanding of the physical world. Topics covered include the analysis of experimental data, motion, force, work, energy, power, electrostatics, D.C. circuits, wave motion, sound, and light. Students are expected to perform and analyze many experiments, solve quantitative physics problems, and demonstrate an understanding of basic physics concepts. In order to achieve the previously mentioned tasks, students will be required to use basic algebra and geometry skills on a daily basis.

This class meets the entrance requirements for Illinois state colleges and universities and is an ISBE laboratory science.

## AP Physics 1 Honors (2631)

Grade Level: 11, 12

AP

SLU

Course Level: Honors

Credits: .50 per semester (2 semesters)

Prerequisite: An “A” or “B” in previous honors level math and science courses. Concurrent enrollment in Algebra II Honors or higher is highly recommended. Students are expected to have a scientific calculator.

NCAA

This course is consistent with the Advanced Placement curriculum and will prepare the student to take the advanced placement test in Algebra-based Physics. AP Physics 1 is a course designed for the student interested in obtaining a solid background in Physics, and is recommended for all students majoring in the following areas in college: engineering, computer science, mathematics, chemistry, physics, biology, medicine, or other related sciences. Topics include kinematics, dynamics, energy, mechanical waves, and introduction to electric circuits. This course and instructor(s) have passed the Advanced Placement Audit of the College Board®. Successful completion of the Advanced Placement Audit certifies that course content is appropriate to prepare for the Advanced Placement Exam.

This class meets the entrance requirements for Illinois state colleges and universities and is an ISBE laboratory science.

## AP Environmental Science (2230)

Grade Level: 11, 12

AP

Course Level: Honors

Credits: 0.50 per semester (2 semesters)

Prerequisite: Grade of “C” or better in all previous Honors science courses OR a “B” or better in all General science courses combined with instructor approval.

NCAA

The AP Environmental Science course is designed to be the equivalent of a one-semester, introductory college course in environmental science. The goal of the AP Environmental Science course is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving or preventing them. These skills will be relevant as new job opportunities

emerge in the coming years as renewable energy becomes more mainstream.

This course syllabus and instructor(s) have passed the Advanced Placement Audit of the College Board®. Successful completion of the Advanced Placement Audit certifies that course content is appropriate to prepare for the Advanced Placement Exam.

This class meets the entrance requirements for Illinois state colleges and universities and is an ISBE laboratory science.

## Advanced Biology AP (2350)

Grade Level: 11, 12

SLU

AP

Course Level: Honors

Credits: .50 per semester (2 semesters)

Prerequisite: Grade of “C” or better in all previous Honors science courses OR a “B” or better in Biology 1 and Chemistry combined with instructor approval.

NCAA

This course is highly recommended for students interested in pursuing biology at the college level. This laboratory class is designed for the high ability, highly motivated student, capable of independent study. The course will be equivalent to a college introductory course usually taken by biology majors. It will follow the guidelines established by the College Board and will stress these areas: molecules and cells, genetics and evolution, and organisms and populations. Upon completion of the course, the student is expected to take the Advanced Placement Examination. This course and instructor(s) have passed the Advanced Placement Audit of the College Board®. Successful completion of the Advanced Placement Audit certifies that course content is appropriate to prepare for the Advanced Placement Exam.

This class meets the entrance requirements for Illinois state colleges and universities and is an ISBE laboratory science.

## Human Anatomy & Physiology Honors (2352)

Grade Level: 11, 12

Course Level: Honors

Credits: .50 per semester (2 semesters)

Prerequisite: Grade of “C” or better in all previous Honors science courses OR a “B” or better in Biology 1 and Chemistry combined with instructor approval.

NCAA



Human Anatomy and Physiology is an honors course designed for the highly motivated student who is interested in pursuing a medical career. It is a year-long course focusing on the study of the structure and function of the human body systems, such as the skeletal system, muscular system, and nervous system. This course utilizes a college level textbook. There are several dissections: sheep brain, cow heart and cat dissection. The cat dissection occurs over the course of 6-8 weeks and is mandatory.

This class meets the entrance requirements for Illinois state colleges and universities and is an ISBE laboratory science.

## Advanced Chemistry AP (2750)

Grade Level: 11, 12

Course Level: Honors

Credits: .50 per semester (2 semesters)

Prerequisite: A "B" or better in Chemistry Honors, a strong mathematics background, and a desire to pursue a challenging course.

NCAA

This course is consistent with the Advanced Placement curriculum and will prepare the student to take the advanced placement test in Chemistry. Advanced Chemistry AP is designed for the highly motivated student because of the heavy emphasis on independent and critical thinking. This laboratory course will cover topics that are similar to topics in a freshman college course in chemistry. Topics include a review of Chemistry Honors or Chemistry, and advanced topics of reactions, oxidation-reduction, thermodynamics, equilibrium, kinetics, atomic structure, acid and bases, nuclear chemistry, electrochemistry, organic chemistry, and biochemistry. This course syllabus and instructor(s) have passed the Advanced Placement Audit of the College Board®. Successful completion of the Advanced Placement Audit certifies that course content is appropriate to prepare for the Advanced Placement Exam. Students are expected to take the Advanced Placement test upon completion of the course.

This class meets the entrance requirements for Illinois state colleges and universities and is an ISBE laboratory science.

## AP Physics 2 Honors (2633)

Grade Level: 12

Course Level: Honors

Credits: .50 per semester (2 semesters)

Prerequisite: A "B" or better in AP Physics 1 Honors.

NCAA

AP

SLU

This is the second-year course that will build on the work done in AP Physics 1 Honors. This course is consistent with the Advanced Placement curriculum and will prepare the student to take the advanced placement test in Algebra-based Physics 2. Students cultivate their understanding of physics through inquiry-based investigations as they explore topics such as fluid statics and dynamics, thermodynamics with kinetic theory, PV diagrams and probability, electrostatics, electrical circuits with capacitors, magnetic fields, electromagnetism, physical and geometric optics, and modern physics. Additionally, this course is eligible for dual credit through Saint Louis University. A scientific calculator is needed.

This class meets the entrance requirements for Illinois state colleges and universities and is an ISBE laboratory science.

# SCIENCE DEPARTMENT

Seth Garrett, Department Chairperson

Grade		Studies Course Options		
9	World History 1-2 World History 1-2 Honors * World History 1-2 Core * World Geography 1-2 AP Human Geography 1-2 *	*Enrollment based on test scores and school recommendations		
10	Civics: Consumer and Government 3-4 Civics: Consumers and Government 3-4 Honors * Civics: Consumers and Government 3-4 Core *			
11	U.S. History 5-6 U.S. History 5-6 AP* U.S. History 5-6 Core*			
11 & 12	<b>Junior/Senior Elective Options</b>			Students should choose <b>two</b> semester electives
	Full Year Honors	Semester Honors	Semester On-Level	
	Psychology AP* Government and Politics AP: United States & Comparative Political Science	Sociology Honors	Psychology Sociology American Problems Government	

## World History 1-2 (7111)

Grade Level: 9  
Course Level: General  
Credits: .50 per semester (2 semesters)  
Prerequisite: None  
NCAA

After reviewing the ancient world and the ways in which archaeologists and historians uncover the past, students study the history and geography of great civilizations that were developing concurrently throughout the world. They examine the growing economic interaction among civilizations as well as the exchange of ideas, beliefs, technologies and commodities. They also learn how to examine the concepts of reason and authority, the natural rights of human beings, how political authority works, and how science and technology have influenced the world. The course emphasizes the political, religious, economic, geographic, and cultural aspects of the different world civilizations including China, Europe, Africa, India, Japan, and Latin America. Discussion of art, literature, philosophy, and music of the different civilizations is included.

## World History 1-2 Honors (7113)

Grade Level: 9  
Course Level: Honors  
Credits: .50 per semester (2 semesters)  
Prerequisite: Students should be above average in writing and deductive reasoning skills.  
NCAA

After reviewing the ancient world and the ways in which archaeologists and historians uncover the past, students study the history and geography of great civilizations that were developing concurrently throughout the world. They examine the growing economic interaction among civilizations as well as the exchange of ideas, beliefs, technologies and commodities. They also learn how to examine the concepts of reason and authority, the natural rights of human beings, how political authority works, and how science and technology have influenced the world. Rigorous reading and writing assignments are major components of this course. Students will be actively engaged in reading, writing and analyzing visual evidence to support claims. Enrollment in Honors English is encouraged.

# SOCIAL STUDIES DEPARTMENT

Cyndi Oberle-Dahm, Department Chairperson

## World History 1-2 Core (7114)

Grade Level: 9  
Course Level: General  
Credits: .50 per semester (2 semesters)  
Prerequisite: 8<sup>th</sup> grade teacher and/or Social Studies  
Department Chair recommendation  
NCAA

This course will cover the same topics as World History 1-2. This class allows those students to refine their reading, writing and study skills within the standard curriculum according to their levels of performance. Placement for this course is based on test scores, feeder school and Social Studies Department Chair recommendation.

## World Geography 1-2 (7119)

Grade Level: 9  
Course Level: General  
Credits: .50 per semester (2 semesters)  
Prerequisite: None  
NCAA

Following the five themes of Geography, students will use geographic features to explore how human relationships, political and social structures, economics, science, technology and the arts have developed life in countries around the world. This course is designed for students who are interested in world cultures, regions, climates, landforms, and the conservation of natural resources, topography, and history. This course will entail extensive map work and the study of locations.

## AP Human Geography 1-2 (7120)

Grade Level: 9  
Course Level: Honors  
Credits: .50 per semester (2 semesters)  
Prerequisite: Students must have their 8<sup>th</sup> grade social studies teacher's recommendation.  
NCAA

This course is equivalent to an introductory college-level course in human geography. The course introduces students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students employ spatial concepts and landscape analysis to examine socioeconomic organization and its environmental consequences. They also learn about the methods and tools geographers use in their research and applications. The curriculum reflects

the goals of the National Geography Standards (2012). (Honors)

Note: Additional time outside of class may be necessary to prepare those students who choose to take the AP exam.

## Civics: Consumers and Government 3-4 (7000)

Grade Level: 10  
Course Level: General  
Credits: .50 per semester (2 semesters)  
Prerequisite: None  
NCAA

Consumers and Government is a course in active citizenship designed to awaken the students to the world around them. As a Democracy School, Civics provides civic learning to develop the knowledge, skills, 21<sup>st</sup> century competencies, and dispositions to facilitate informed participation in public life. Students will engage in learning simulations, discussions on controversial topics and service learning. This course meets, in the first semester, the consumer education requirements for graduation. The second semester contains the study of historical events leading to American independence, the writing and ratification of the U.S. Constitution, and the beginning of the federal system of government to 1792. The second semester requires students to pass the course and an Illinois Constitution test in order to meet the government component for graduation.

## Civics: Consumers and Government 3-4 Honors (7001)

Grade Level: 10  
Course Level: Honors  
Credits: .50 per semester (2 semesters)  
Prerequisite: Successful completion of World History 2 Honors or current teacher recommendation.  
NCAA

This course will cover the same topics as Consumers and Government, however, in more depth. Students will be expected to do research, out-of-class readings, essays, oral reports, analysis of current events, geography, and comparative government. This course is available for students who are above average in writing and deductive reasoning skills. Students will be actively engaged in reading, writing and analyzing evidence to support claims.

AP

# SOCIAL STUDIES DEPARTMENT

Cyndi Oberle-Dahm, Department Chairperson

## Civics: Consumers and Government 3-4 Core (7002)

Grade Level: 10  
Course Level: General  
Credits: .50 per semester (2 semesters)  
Prerequisite: Placement in this course will be determined by previous coursework and counselor recommendation.

This course will cover the same topics as Consumers and Government 3-4. It is exclusively for those students who are reading below grade level.

## United States History 5-6 (7200)

Grade Level: 11  
Course Level: General  
Credits: .50 per semester (2 semesters)  
Prerequisite: None  
NCAA

This course is a chronological survey of the history and development of the United States from the presidency of George Washington to the present. This course stresses understanding the past to better understand the present. Students will be actively engaged in reading, writing and analyzing evidence to support claims.

## United States History 5-6 AP (7202)

Grade Level: 11  
Course Level: Honors  
Credits: .50 per semester (2 semesters)  
Prerequisite: Successful completion of Civics: Consumers and Government 4 Honors or current teacher recommendation.  
NCAA

This course is a chronological study of American history from colonial history to the present. There is a heavy emphasis on the developing of historical thinking skills to prepare students for the AP Exam in May. Students will experience a rigorous curriculum that includes extensive reading, writing, and research assignments. Critical thinking and advanced writing skills are a must. Students should plan on an average of 30 minutes of homework per night. United States History AP is available for 3 hours of advanced college credit per semester. Students may elect to sign up for dual enrollment through Saint Louis University. Additionally, students, with the recommendation of the instructor, who elect to take the AP exam in the spring, may receive up to three hours of college credit. Note: Additional time outside of class may be necessary to prepare those students who choose to take the AP exam. This course and instructor(s) have passed

the Advanced Placement Audit of the College Board®. Successful completion of the Advanced Placement Audit certifies that course content is appropriate to prepare for the Advanced Placement Exam.

## United States History 5-6 Core (7203)

Grade Level: 11  
Course Level: General  
Credits: .50 per semester (2 semesters)  
Prerequisite: Placement in this course will be determined by previous coursework and counselor recommendation.

This course is designed to offer additional support to students who are reading below grade level. Additional emphasis on scaffolding techniques to incorporate common core learning skills is emphasized. This course will cover the same topics as United States History 5-6.

## One-Semester Junior/Senior Electives

*{Students should choose TWO semester long electives to fill the year.}*

## Government 7337 (7338)

Grade Level: 11, 12  
Course Level: General  
Credits: .50  
Prerequisite: None  
NCAA

American Government is a course designed to acquaint students with the origins, concepts, organizations, and policies of the United States government and political system. The course is designed to meet the state standards in social studies in the area of government. To increase comprehension, students will read and analyze relevant primary and secondary source documents and incorporate these ideas into the assigned material. Additionally, this course serves to create more informed citizens who are prepared to experience the challenges and joys that come from being an actively involved citizen. Both the U.S. Constitution and the Illinois Constitution are studied.

## SOCIAL STUDIES DEPARTMENT

Cyndi Oberle-Dahm, Department Chairperson

### **American Problems 7347 (7348)**

Grade Level: 11, 12  
Course Level: General  
Credits: .50  
Prerequisite: None  
NCAA

American Problems is a course designed for the student to become aware of the major issues of the day and to have an in depth understanding and appreciation of current events. The focus of the class will be issues that affect the student as a resident of the World, the U.S., Illinois, and Belleville. The class will follow daily news events and will be expected to understand the social, political and economic issues on a daily basis. This class will focus on the historical development of current issues such as immigration, the economy, and race relations. The objectives of this course are: to make the connection between current events and history, to enhance the student's understanding of current events, to encourage students to be informed citizens, and to help them to make intelligent decisions as they take their place in the panorama of history. This course meets the graduation requirement for consumer education.

### **Psychology 7367 (7368)**

Grade Level: 11, 12  
Course Level: General  
Credits: .50  
Prerequisite: None  
NCAA

Psychology focuses on describing, predicting, and understanding the actions, thoughts, motives, and feelings that make up our lives. Topics include personality, learning, the brain and behavior, child and adolescent behavior, and troubled personalities.

### **Sociology 7357 (7358)**

Grade Level: 11, 12  
Course Level: General  
Credits: .50  
Prerequisite: Successful completion of US History 6  
NCAA

Sociology is the study of people interacting as groups and how these groups interact within society. Students will develop, implement, and analyze sociological observations and research outside of class. Students should be prepared to participate in open discussions on the following topics: racism, gender differences, sexual orientation, crime, poverty, and family. The topics discussed are intellectual in nature and will require students to look at challenging social issues from all sides. Periodical reading and interpretation are a necessary

aspect of the course. Published articles from sources considered liberal, conservative and politically independent will be used as references for topics discussed in class.

### **Sociology Honors 7359 (60)**

Grade Level: 11, 12  
Course Level: Honors  
Credits: .50  
Prerequisite: Students must have an A or B in their current Social Studies class and /or current Social Studies teacher recommendation  
NCAA

Sociology Honors is the study of people interacting as groups and how these groups interact within society. Students will develop, implement, and analyze sociological observations and research outside of class. Students should be prepared to participate in open discussions on the following topics: racism, gender differences, sexual orientation, crime, poverty, and family. The topics discussed are intellectual in nature and will require students to look at challenging social issues from all sides. Periodical reading and interpretation are a necessary aspect of the course. Published articles from sources considered liberal, conservative and politically independent will be used as references for topics discussed in class. Students will be responsible for research, development and implementation of a public service announcement that is important and relevant to their community.

**Full Year Junior/Senior Elective**

**Government and Politics AP: United States and Comparative (Political Science AP) 7387 / 7388**

Grade Level: 11, 12

Course Level: Honors/AP

Credits: .50 per semester (2 semesters)

Prerequisite: Successful completion of US History 6 AP or interview with the instructor.

NCAA

AP

This course is designed for those students who are interested in the workings of the political and legal systems. The first semester includes topics on: civil rights and liberties, institutions of government, foundations of US government, and political participation. Comparative politics studies the governments of foreign nations, including: Great Britain, China, Russia, Mexico, Iran, and Nigeria. The curriculum is designed to simulate a freshman college level course with weekly quizzes, two exams, and formal paper writing. Students should be prepared for significant reading outside of class. Students may earn up to six hours of college credit upon the completion of the Advanced Placement (AP) exam offered in the spring, which all students are expected to take. This course and instructor(s) have passed the Advanced Placement Audit of the College Board®. Successful completion of the Advanced Placement Audit certifies that course content is appropriate to prepare for the Advanced Placement Exam.

**Psychology AP 7381**

Grade Level: 11, 12

Course Level: Honors

Credits: .50 per semester (2 semesters)

Prerequisite: Students must have an A or B in their current Social Studies class and /or current Social Studies teacher recommendation

NCAA

AP

This course gives students the opportunity to earn college credit and will follow the Advanced Placement Program syllabus which will allow students to explore human behavior, development, personality, and the biological functions of the brain. Students will experience a rigorous curriculum that includes extensive reading, writing, research assignments, and independent study. Therefore, students must possess outstanding reading, writing, and critical thinking skills. Students are encouraged to take the AP test in May to earn college credit.

**A note about the College Credit options:**

SLU

**Advanced College Credit Program  
St. Louis University (SLU 1818)**

Students who enroll for college credit will pay approximately \$180 for each semester of the course (fee may vary based on SLU's tuition rates). Those who do not take it for college credit pay nothing. To earn college credit, students must earn a "C" or better in the course. No other tests are required. Many colleges accept the hours from the SLU 1818 ACC Program, and students will start college with four credits. Three credits are from taking the course, and the additional credit is the final research assignment. It is strongly recommended that students check with the colleges that they are considering to see if the credit will be accepted. Interested students may get further information from Mrs. Jen McMurray (C109) or Ms Oberle-Dahm (B226)

AP

**Advanced Placement**

Students may earn college credit upon the completion of the Advanced Placement (AP) exam offered in the spring, which students are expected to take if they are enrolled in an AP class. Each course and instructor(s) have passed the Advanced Placement Audit of the College Board®. Successful completion of the Advanced Placement Audit certifies that course content is appropriate to prepare for the Advanced Placement Exam.

Note: Additional time outside of class may be necessary to prepare those students who choose to take the AP exam.

Grade	World Language Course Options			
9	French 1-2 Spanish 1-2 German 1-2			
10	French 1-2 Spanish 1-2 German 1-2	French 3-4 Spanish 3-4 German 3-4		
11	French 1-2 Spanish 1-2 German 1-2	French 3-4 Spanish 3-4 German 3-4	French 5-6 H Spanish 5-6 Spanish 5-6 H German 5-6 H	
12	French 1-2 Spanish 1-2 German 1-2	French 3-4 Spanish 3-4 German 3-4	French 5-6 H Spanish 5-6 Spanish 5-6 H German 5-6 H	French 7-8 H Spanish 7-8 Spanish 7-8 AP German 7-8 AP

### French 1-2, Spanish 1-2, German 1-2 (1401, 1400, 1403)

Grade Level: 9, 10, 11, 12

Course Level: General

Credits: .50 per semester (2 semesters)

Prerequisite: None

NCAA

First-year World Language courses provide students with the opportunity to develop language proficiency in listening, speaking, reading, and writing skills. Grammar is not presented for its own sake but rather as a means to transmit spoken or written messages as accurately as possible. Cultural information is presented through listening and reading materials, photographs, videos, commentaries, and trivia information. A student-centered approach is emphasized through the daily use of small group activities.

### French 3-4, Spanish 3-4, German 3-4 (1511, 1510, 1513)

Grade Level: 10, 11, 12

Course Level: General

Credits: .50 per semester (2 semesters)

Prerequisite: Successful completion of the first-year language course

NCAA

Second-year World Language courses continue the goals of the first-year course with a slightly greater emphasis on the reading and writing skills. An essential goal of the second-year language course is to inspire in students the confidence and the willingness to use actively whatever elements of language they have at their disposal. Small-

group work continues to be an important element of the daily routine.

### French 5-6 Honors (1621)

Grade Level: 11, 12

Course Level: Honors

Credits: .50 per semester (2 semesters)

Prerequisite: Successful completion of the second-year language course

NCAA



Third-year World Language courses build on the skills required in first- and second-year classes. Oral and written activities will grow out of the authentic text materials presented. Small-group activities continue to be the common organization of the class. Students are encouraged to express themselves in the language with less dependence on memorized materials.

French 5-6 Honors may be taken simply as a course by itself or as part of St. Louis University's 1818 Advanced College Credit Program. Students who enroll for college credit will pay approximately \$195 for each semester of the course (Fee may vary based on SLU's tuition rates). Those who do not take it for college credit pay nothing. To get college credit, students must earn a "C" or better in the course. No other tests are required. Many colleges accept the hours from the SLU 1818 ACC Program, and students will start college with six credits and/or advanced placement. However, some colleges do not accept any ACC credits, or they have restrictions on the credits. It is strongly recommended that students check with the colleges that they are considering in order to see if the credit will be accepted.

# WORLD LANGUAGE DEPARTMENT

Caleb Romoser, Department Chairperson

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## Spanish 5-6 Honors, German 5-6 Honors (1620, 1623)

Grade Level: 11, 12

Course Level: Honors

Credits: .50 per semester (2 semesters)

Prerequisite: Successful completion of the second -year language course

NCAA

This course builds on the first- and second-year skills of listening, speaking, reading, and writing with emphasis on speaking and writing. The course is geared toward mastery of previous grammar concepts. Authentic texts are included in the coursework. Students are encouraged to express themselves in the language with less dependence on memorized materials. At the Honors level, the students learn at an accelerated pace and cover more material.

## Spanish 5-6 (1610)

Grade Level: 11, 12

Course Level: General

Credits: .50 per semester (2 semesters)

Prerequisite: Successful completion of the second -year language course

NCAA

This course builds on the first- and second-year skills of listening, speaking, reading, and writing with emphasis on speaking and writing. The course is geared toward mastery of previous grammar concepts. Authentic texts are included in the coursework. Students are encouraged to express themselves in the language with less dependence on memorized materials.

## French 7-8 Honors (1731)

Grade Level: 12

Course Level: Honors

Credits: .50 per semester (2 semesters)

Prerequisite: Successful completion of the third-year language course

NCAA

Through continued recycling of vocabulary, grammatical and linguistic structures, students have the opportunity and the time to assimilate the language comfortably. Self-expression in the language is the ultimate goals of fourth-year World Language study. The classroom is student-centered with daily small-group activities. Though not designated as AP preparation courses, some AP preparation activities are included in the French 7-8 curricula.

French 7-8 Honors may be taken simply as a course by itself or as part of St. Louis University's 1818 Advanced College Credit Program. Students who enroll for college credit will pay approximately \$195 for each semester of the course (Fee may vary based on SLU's tuition rates). Those who do not take it for college credit pay nothing. To get college credit, students must earn a "C" or better in the course. No other tests are required. Many colleges accept the hours from the SLU 1818 ACC Program, and students will start college with six credits and/or advanced placement. However, some colleges do not accept any ACC credits, or they have restrictions on the credits. It is strongly recommended that students check with the colleges that they are considering to see if the credit will be accepted.

## German 7-8 AP (1734)

Grade Level: 12

Course Level: Honors

Credits: .50 per semester (2 semesters)

Prerequisite: Successful completion of the third-year language course

NCAA

AP

Through continued recycling of vocabulary, grammatical and linguistic structures, students have the opportunity and the time to assimilate the language comfortably. Self-expression in the language is the ultimate goals of fourth-year language study. The classroom is student-centered with daily small-group activities. Additionally, students, with the recommendation of the instructor, who elect to take the AP exam in the spring, may receive three or more hours of college credit. Note: Additional time outside of class may be necessary to prepare those students who choose to take the AP exam. This course and instructor(s) have passed the Advanced Placement Audit of the College Board®. Successful completion of the Advanced Placement Audit certifies that course content is appropriate to prepare for the Advanced Placement Exam.

SLU



# WORLD LANGUAGE DEPARTMENT

Caleb Romoser, Department Chairperson

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## Spanish 7-8 (1710)

Grade Level: 12

Course Level: General

Credits: .50 per semester (2 semesters)

Prerequisite: Successful completion of the third-year language course

NCAA

Through continued recycling of vocabulary, grammatical and linguistic structures, students have the opportunity and the time to assimilate the language comfortably. Self-expression in the language is the ultimate goals of fourth-year language study. The classroom is student-centered with daily small-group activities.

## Spanish 7-8 AP (1735)

Grade Level: 12

Course Level: Honors

Credits: .50 per semester (2 semesters)

Prerequisite: Successful completion of the third-year language course

NCAA

SWIC

AP

Through continued recycling of vocabulary, grammatical and linguistic structures, students have the opportunity and the time to assimilate the language comfortably. Self-expression in the language is the ultimate goals of fourth-year language study. The classroom is student-centered with daily small-group activities. This class is dual credit through SWIC and students earn three college credits upon successful completion. Additionally, students, with the recommendation of the instructor, who elect to take the AP exam in the spring, may receive three or more hours of college credit. Note: Additional time outside of class may be necessary to prepare those students who choose to take the AP exam. This course and instructor(s) have passed the Advanced Placement Audit of the College Board®. Successful completion of the Advanced Placement Audit certifies that course content is appropriate to prepare for the Advanced Placement Exam.

## AVID

### Advancement Via Individual Determination

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#### **AVID 9 (9900)**

Grade Level: 9

Course Level: General

Credits: .50 per semester (2 semesters)

Prerequisite: Application Process

AVID stands for Advancement Via Individual Determination. The AVID course is an elective class for students who are college-bound. It is designed to prepare students for higher education by focusing on writing, inquiry, collaboration, organization and reading (WICOR) through the AVID High School curriculum in both teacher and tutored activities.

#### **AVID 10 (9901)**

Grade Level: 10

Course Level: General

Credits: .50 per semester (2 semesters)

Prerequisite: Application Process

AVID stands for Advancement Via Individual Determination. The AVID course is an elective class for students who are college-bound. It is designed to prepare students for higher education by focusing on writing, inquiry, collaboration, organization and reading (WICOR) through the AVID High School curriculum in both teacher and tutored activities.

#### **AVID 11 (9902)**

Grade Level: 11

Course Level: General

Credits: .50 per semester (2 semesters)

Prerequisite: Application Process

AVID stands for Advancement Via Individual Determination. The AVID course is an elective class for students who are college-bound. It is designed to prepare students for higher education by focusing on writing, inquiry, collaboration, organization and reading (WICOR) through the AVID High School curriculum in both teacher and tutored activities.

#### **AVID 12 (9903)**

Grade Level: 12

Course Level: General

Credits: .50 per semester (2 semesters)

Prerequisite: Application Process

AVID stands for Advancement Via Individual Determination. The AVID course is an elective class for students who are college-bound. It is designed to prepare students for higher education by focusing on writing, inquiry, collaboration, organization and reading (WICOR) through the AVID High School curriculum in both teacher and tutored activities.



# FOUR YEAR HIGH SCHOOL PLAN

## FRESHMAN

1. English 1-2
2. Math \_\_\_\_\_
3. Science \_\_\_\_\_
4. Social Studies \_\_\_\_\_
5. PE(Music)/Health \_\_\_\_\_
6. Elective \_\_\_\_\_
7. ½ Class or Study Hall \_\_\_\_\_

Credits \_\_\_\_\_

## SOPHOMORE

1. English 3-4
2. Math \_\_\_\_\_
3. Science \_\_\_\_\_
4. Civics: Consumers & Government
5. PE/Music \_\_\_\_\_
6. Elective \_\_\_\_\_
7. ½ Class or Study Hall \_\_\_\_\_

Credits \_\_\_\_\_

## JUNIOR

1. English 5-6
2. Math \_\_\_\_\_
3. Science \_\_\_\_\_
4. US History 5-6
5. PE/Music \_\_\_\_\_
6. Elective \_\_\_\_\_

Credits \_\_\_\_\_

## SENIOR

1. English \_\_\_\_\_
2. Math \_\_\_\_\_
3. Science/Elective \_\_\_\_\_
4. Social Studies/Elective \_\_\_\_\_
5. PE/Music \_\_\_\_\_
6. Elective \_\_\_\_\_

Credits \_\_\_\_\_

**\*This is to be used as a guide to help plan your course selections. Please work with your school counselor if you have questions.**

**\*Refer to *Graduation Requirements* for additional information regarding credits and course requirements.**

# We Believe ♦ ♦ ♦

... in equipping students with life skills and instilling in them the desire to be life-long learners.

... that meeting individual needs, recognizing learning styles, and providing a rigorous and relevant curriculum will enable learners to achieve their potential.

... in developing positive relationships with students, thus inspiring them to incorporate positive character traits into their daily lives.

... in utilizing technology and promoting students' proficiency in its use.

... that professional collaboration is a necessary component in providing a quality education

“The Mission of Belleville Township High School West - District #201 is to provide all students with a quality education and life-long learning skills necessary to meet tomorrow’s challenges.”