

BELLEVILLE TOWNSHIP HIGH SCHOOL



2024-2025

COURSE OFFERINGS HANDBOOK

Belleville Township High School East

2555 West Boulevard

Belleville, Illinois 62221

(618) 222-3700

BELLEVILLE TOWNSHIP HIGH SCHOOL DISTRICT #201

TABLE OF CONTENTS

Administration/School Counselors/Board Members.....	3
IMPORTANT Information to STUDENTS.....	4
Graduation Requirements.....	5
Class Drop Procedures.....	6
Early Graduation Procedure.....	7
Student Fees.....	7
Standard Schedule.....	7
Honors Classes.....	7
Grade Weighting.....	7
Registration Procedures for Transfer Students.....	8
An FYI from the School Counselors.....	8
College Planning and Course Selection.....	8-14
Highly Selective Institutions.....	10
NCAA Eligibility Recommendations for Athletes.....	11
Advanced Placement (AP) Opportunities.....	12
SWIC’s Dual Credit Opportunities.....	13
SLU’s 1818 Advanced College Credit Program.....	14
Art.....	15
Career and Technical Education.....	19
Business Education.....	20
Family & Consumer Sciences.....	25
Health Services Technology.....	30
Industrial Technology.....	33
English.....	39
Individualized Education.....	48
Team Phoenix.....	53
Target Program.....	53
Mathematics.....	54
Music.....	60
Physical Education, Health, Driver’s Education.....	63
Science.....	66
Social Studies.....	71
World Languages.....	77
Belleville East 4 Year Plan	80-81

Belleville East Counseling Center

....empowering Lancer students to set and achieve GOALS “1” at a time!

DISTRICT 201 ADMINISTRATION

Superintendent.....	Dr. Brian Mentzer
Assistant Superintendent.....	Mr. Dustin Bilbruck
Assistant Superintendent for Student Services.....	Ms. Melissa Taylor
Director of Human Resources.....	Dr. Marshaun Warren

BOARD OF EDUCATION MEMBERS

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

BELLEVILLE EAST ADMINISTRATION & INSTRUCTIONAL COUNCIL

Principal.....	Dr. Josh Lane
Associate Principal.....	Mr. Joe Rujawitz
Assistant Principal.....	Mrs. Gloria Perry
Assistant Principal.....	Mr. Al Daniel
Assistant Principal.....	Mrs. Krysten Harres
Assistant Principal.....	Mr. Zach Halterman
Career & Technical Education Chair.....	Mrs. Cassandra Schaab
Counseling Director.....	Mrs. Andrea Barriger
English Chair.....	Mrs. Jessica Templin
Health, P.E. & Drivers Ed Chair.....	Mr. Brian Geluck
Individualized Education Chair.....	Mrs. Kim Martin
Library & Media Center Chair.....	Mrs. Laura Bryne
Math Chair.....	Mrs. Rebecca Schrader
Science Chair.....	Mr. Jeff West
Social Studies Chair.....	Mrs. Katie Hoerner
World Languages, Music & Art Chair.....	Mrs. Jenny Hotze-Wilton

SCHOOL COUNSELORS

Mrs. Michelle Seneczyn.....	(students w/ last beginning) A – Co.....	222-3741
Dr. Jennifer Stenger.....	(students w/ last beginning) Cr - Ha.....	222-3764
Mrs. Andrea Barriger	(students w/last beginning) He - Ka.....	222-3731
Mrs. Brittany Cox.....	(students w/ last beginning) Ke - Nu.....	222-3761
Mrs. Chrissie Turner.....	(students w/last beginning) O - Sp.....	222-3746
Ms. Sarah Gordon.....	(students w/ last beginning) St – Z.....	222-3762
Mrs. Amanda Guinn.....	(CTE Counselor).....	222-7681

STUDENTS

One of the most important decisions facing you while in high school is that of selecting the appropriate courses to assist you with your plans after graduation-whether it is post-secondary education, the armed services, technical/trade school or a career.

In developing the Course Offerings Handbook, the staff has attempted to provide you with a brief and accurate description of material to be studied in each course.

Since choosing the right courses often requires making difficult decisions, it is suggested that you follow the steps listed below. Hopefully this information will prove helpful to you in the decision- making process.

- 1. Read and study the Registration Procedures, and Course Selection page, and the rest of the Course Offerings Handbook.***
- 2. Talk with your counselor concerning your graduation requirements earned and credits needed, your abilities, interests, and future goals.***

Devoting proper time to planning your schedule will start your journey to a successful and enjoyable year.

Any corrections or errors must be reported to the assigned counselor no later than June 1st. It is very important that you review and adhere to the Class Drop Procedure outlined on page 6.

The course selection process must be given serious attention for the following reasons:

- 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:

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

District 201 Graduation Requirements

Graduation	Math	English	Science	Social Studies	Electives	Physical Education
Each student must earn 21 credits	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 either .5 unit of Civics/Government or .5 unit of government or proof of completion of the Illinois Requirements	1 unit from any of the following areas: music, art, foreign language, or career & technical education	3 units of PE / Health-must be taken one sem. * see additional information below
			** All students are required to earn a minimum of 2 units in the area of Science and Social Studies; an additional 1.0 unit MUST be earned in either Science OR Social Studies OR a combination.			

* All students, except those excused for medical or other approved reasons, must complete seven semesters of physical education and one semester of health. Driver education will substitute for one semester of physical education.

- ✓ 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.
- ✓ All 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. 21 units/credits are required for graduation from District 201. Among the units necessary to graduate, a student must accumulate 15.00 units from academic classes. "Academic class" means any course **except** learning strategies, physical education, driver education, and music performance courses.
- ✓ Passing tests on the flag, Declaration of Independence, Illinois Constitution and United States Constitution is also required. In addition, each student must pass a course that includes consumer education requirements, as mandated by the State of Illinois. The consumer education credit can be earned by passing Civics, Intro to Business & Technology Concepts, Personal Finance, Adult Living, Parenting, American Problems, Economics, Pre-Vocational Training Skills for Learning and Living, or Work Skills Education.
- ✓ 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.
- ✓ A limit of 1.0 unit may be earned by authorized correspondence courses (senior year only, one course per semester). Correspondence credit may not be earned for any course (including those with different titles but similar content) offered in District 201.

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.
- **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 the 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 ten (10) days of the semester the class begins. Deletions made after this time will result in a grade of **withdrawal 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. (e.g. Honors – Regular) The deadline for a level change will be any time during the first four weeks of the semester, (assuming space is available). This requires permission from the parent, teacher, and school counselor. No level changes will be made after this time.

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

*** 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 complete the form from the Counseling Center by November 1, so a transcript audit is performed in time to meet the district deadline of 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 in the first semester his/her senior year. Doubling up in English is only available to students who are at-risk for graduation.** Application forms are available in the Counseling Center. 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 withdrawal failing (WF) which is calculated in the semester grade.

STUDENT FEES

East 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. In addition to renting textbooks, students may be required to pay fees for certain courses and activities. A copy of the fee schedule is available in the administrative and counseling offices. Fees are subject to change.

STANDARD SCHEDULE

The normal schedule for students will include five academic subjects plus either Health, Physical Education, or Driver Education. Exceptions to this should be discussed with your counselor and approved by the principal.

HONORS CLASSES

Honors classes are available in most departments. Prerequisites are outlined in the course description. Recommended guidelines for enrollment are: "A" grades and 90th percentile test scores. Continuation in an honors course with a semester grade of 'D', is contingent upon teacher and department chair approval.

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 music classes that meet ½ hour per day and for Learning Strategies.
3. Class rank will be affected by the grade weighting system, not credit.
4. Grades are reported in letters (A, B, C, D, F), which are used to calculate an unweighted 4.0 G.P.A. Neither a plus nor a minus included in the grade letter will affect the calculation.
5. Grades for physical education, driver education, learning strategies, 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:

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

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

REGISTRATION PROCESS FOR NEW STUDENTS

1. Parents of students new to the Belleville Township High School East District should call the Assistant Principal at 222-3745 to begin the registration procedure.
2. At the time of registration, parents are required to furnish verification of residency. Specific information regarding these requirements will be given to parents by the Assistant Principal. Illinois state law requires students to present a birth certificate
3. Students are also required to file physical examination and immunization records within 30 days of enrollment.
4. 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.
5. Transfer students must be in attendance within the 1st 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.

FYI FROM THE SCHOOL COUNSELORS

The faculty asks that each course offering be considered with regard to the student's future ambitions. Each course description should be studied as to the content and procedures which shall be used within the class.

We hope that our students will take full advantage of the resources at our school and enroll in areas which will enable them to develop their full potential, allowing them to contribute significantly to society.

Courses listed in this guide exceed the number of courses that ultimately will be offered. Only those courses with a sufficient number of students enrolled will be placed in the master schedule.

COLLEGE PLANNING & COURSE SELECTION

Year	Academics & Extracurricular	Testing	Explore
Freshmen	<ul style="list-style-type: none"> ● 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 ● Develop good study habits <ul style="list-style-type: none"> ● The first grade point average (GPA) you establish is very important ● Volunteer within the community 	<ul style="list-style-type: none"> ● Commit to doing well in course-work as it prepares you for the test in future years ● PSAT 9 offered at Belleville East on April 2022 	<ul style="list-style-type: none"> ● Think about what you want to pursue as a career once you complete your education ● Think about where you want to go to post-secondary school <ul style="list-style-type: none"> ● Investigate the costs associated with post-secondary schooling

<p>Sophomores</p>	<ul style="list-style-type: none"> • Continue to take the most challenging courses you can • Continue to get involved in extracurricular activities & volunteer opportunities • Select courses for your junior year which ensure meeting graduation and post-secondary entrance requirements 	<ul style="list-style-type: none"> • Commit to doing well in course-work as it prepares you for the test in other years • Take PSAT/NMSQT in October (optional and space availability) <ul style="list-style-type: none"> • PSAT/NMSQT offered at Belleville East in April 2022 	<ul style="list-style-type: none"> • Think about your talents, inclinations, and personality • Research requirements (course prerequisites, entry requirements, personality traits, etc.) for careers you are considering • Think about and discuss with others matching yourself with careers that interest you • Consider enrolling in Career & College Prep
<p>Juniors</p>	<ul style="list-style-type: none"> • Continue to take the most challenging courses you can • Continue to get involved in extracurricular activities & volunteer opportunities • Choose electives which support your possible career(s) and meet entry requirements • Double-check graduation and college entrance requirements to be sure you are on track with both • Become familiar with the questions asked on applications that require essays 	<ul style="list-style-type: none"> • Take PSAT/NMSQT in October (optional) • ACT (optional) • National Test Dates in October, December, February, April & June • Register online @ www.actstudent.org. • SAT Tests (optional) • National Test Dates in April, May & June • Register online @ www.collegeboard.com • Take Advanced Placement Tests (AP) in May (optional) • State mandated testing, SAT – March 23, 2022 	<ul style="list-style-type: none"> • 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 • Plan to visit colleges second semester, summer, and first semester of senior year • Try to narrow your selections to 5-8 from which to choose and apply • Encourage your parents to attend the college planning and financial aid night at school (Date TBD) • Consider enrolling in Career & College Prep
<p>Seniors</p>	<ul style="list-style-type: none"> • Continue to take the most challenging courses you can • Choose electives which support your possible career(s) and meet entry requirements 	<ul style="list-style-type: none"> • Retake College Entrance Exam (optional), registration is online. • ACT in September, October, & December • SAT I & SAT II in October, November, December & January • Take Advanced Placement Tests (AP) in May (optional) 	<ul style="list-style-type: none"> • Line up at least three letters of recommendations from people who know you well • Apply early to the selected colleges and/or career training centers... Watch deadlines • Make sure your applications are complete • Apply for scholarships and financial aid • Consider enrolling in Career & College Prep

COLLEGE PLANNING & COURSE SELECTION

A variety of courses offered at Belleville East will provide students with experiences that prepare them for post-secondary education, whether it is a four-year university, two-year College, technical training, or other opportunities. Students should work with their school counselor in establishing the appropriate 4-year course plan.

It is very important that students planning to attend college contact the Admission Office of the college, requesting a view-book on general information and entrance requirements. The following high school subjects are recommended for students planning to enter an Illinois public university or community college transfer program:

English: 4 years (Emphasizing writing, literature and speaking and listening)

Mathematics 3 years (Algebra I, Algebra II, Geometry, Trigonometry)

Science 3 years (Laboratory sciences)

Social Studies 3 years (Emphasizing U.S. History and Government)

Electives 3 years (World Lang., Music, Art, Business /Career & Tech. Ed.)

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.

COLLEGE AND CAREER PLANNING

9901 AVID

Prerequisite: Application Process

Grade Level: 9, 10, 11, and 12

Credit: 1.0

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 tutor-led activities.

Highly Selective Institutions (e.g. U of I, Northwestern, etc.)

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

Students need 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; 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.

To explore colleges and careers, please visit: [Dist. #201 College & Career Readiness](#)

NCAA Division I and II Course Requirements for Athletes

Students aspiring to play Division I or II athletics must register with the NCAA Clearinghouse following their junior year. Athletes must meet the following core course and test score standards.

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

- Student athletes must maintain a minimum GPA of 2.00 in core courses and earn an SAT score of 1010 or an ACT sub score total of 86. With a higher GPA, a lower test score is acceptable.
- Check courses carefully with your counselor EACH SEMESTER to make sure you are meeting NCAA course requirements. **This is ultimately the family's responsibility.**
- Specific approved academic courses, grade point average and ACT/SAT test score requirements may be obtained at the NCAA [website](#).

NCAA Division I & II APPROVED Courses at Belleville East:

Note if a course is not listed here, it may not have been given approval for NCAA eligibility

Approved ENGLISH Courses

ADVANCED WRITING SKILLS
AFRICAN-AMERICAN LITERATURE
AMERICAN STUDIES/ENGLISH/H
CREATIVE WRITING LITERACY STRATEGIES
ENGLISH 1-2
ENGLISH 1-2/H
ENGLISH 3-4
ENGLISH 3-4 HONORS
ENGLISH 5-6
ENGLISH 5-6 HONORS
ENGLISH 8 HONORS AP
ENGLISH 7-8
LITERARY EXPLORATIONS
LITERARY THEMES
PUBLIC SPEAKING 1 UNIT
MAX FOR ALL SPEECH

COMMUNICATION

SHAKESPEARE & OTHERS
WRITING SKILLS HONORS AP
Approved SOCIAL STUDIES Courses
CIVICS 3-4
AMERICAN GOVERNMENT
AMERICAN PROBLEMS
AMERICAN STUDIES HISTORY HON.
CIVICS/CONSUMER AND GOV.
3-4
CIVICS/CONSUMERS & GOV.
HON
ECONOMICS HONORS
PSYCHOLOGY
PSYCHOLOGY AP
GLOBAL ISSUES
SOCIOLOGY
SOCIOLOGY HONORS

US HISTORY 5-6

US HISTORY 5-6 HONORS
WORLD GEOGRAPHY 1-2
AP HUMAN GEOGRAPHY
WORLD HISTORY 1-2
WORLD HISTORY HONORS

Approved MATH Courses

ALGEBRA I
ALGEBRA I ADV.
ALGEBRA I HONORS
ALGEBRA II
ALGEBRA II ADV.
ALGEBRA II HONORS
GEOMETRY
GEOMETRY ADV.
GEOMETRY HONORS
DISCRETE MATH
AP COMPUTER SCIENCE
CALCULUS AP AB HONORS
CALCULUS AP BC HONORS

INTRO ALG 1-2 (.5 CREDITS/MAX)
 INTRO ALG 3-4 (.5 CREDITS/MAX)
 TRIG/ PRE-CALCULUS
 AP TRIG/PRE-CALCULUS HONORS
 AP STATISTICS
Approved SCIENCE Courses
 PRIN. OF SCIENCE 1-2
 PRIN. OF SCIENCE 3-4

ADV BIOLOGY 7-8 AP
 ADV CHEMISTRY 7-8 AP
 ADVANCED PHYSICS 7-8
 BIOLOGY
 BIOLOGY HONORS
 BIOLOGY 2
 BIOLOGY 2 HONORS
 CHEMISTRY
 HUMAN ANAT. & PHYS. 7-8
 PHYSICAL SCIENCE
 PHYSICS 5-6

PHYSICS 5-6 HONORS
 WILDLIFE BIOLOGY
 WILDLIFE BIOLOGY HONORS
 ENVIRONMENTAL SCIENCE AP
 FORENSIC SCIENCE
 FORENSIC SCIENCE HONORS
Approved WORLD LANGUAGES
 FRENCH 1-2, 3-4, 5-6, 7-8
 GERMAN 1-2, 3-4, 5-6, 7-8 SPANISH
 1-2, 3-4, 5-6, 7-8

ADVANCED PLACEMENT OPPORTUNITIES (AP)

Belleville East offers Advanced Placement (AP) courses in two 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 regarding AP, please visit the [website](#).

The AP courses currently offered at Belleville East are:

SUBJECT	COURSES	GRADE	POSSIBLE intro to business CREDITS
English	AP Writing Skills Honors	12	6
	AP English 8 Honors	12	6
Math	Calculus AB	12	Up to 6
	Calculus BC	12	Up to 6
	AP Statistics	11 or 12	Up to 4
	AP Computer Science A	11 or 12	Up to 4
	AP Trig/PreCal (new 23-24)	11 or 12	Up to 4
Science	Advanced Biology AP	11 or 12	Up to 6
	Advanced Chemistry AP	11 or 12	Up to 6
	AP Environmental Science	11 or 12	Up to 4
	AP Physics I Honors	11 or 12	Up to 6
	AP Physics II Honors	11 or 12	Up to 6
Social Studies	AP Human Geography	9	Up to 3
	Psychology AP	11 or 12	Up to 3

SOUTHWESTERN ILLINOIS COLLEGE DUAL CREDIT OPPORTUNITY

These courses are free to those students who meet the criteria as determined by SWIC.

SWIC Dual Credit Courses Offered at Belleville East:

SUBJECT	COURSES	GRADE LEVEL	POSSIBLE CREDITS
Business	Technology Essentials (OAT 170)	9, 10, 11, 12	2
	Computer Concepts II (OAT 130, 132, 133)	9, 10, 11, 12	3
	Computer Programming II (CISCO 106, 116, NETW 101)	10, 11, 12	6
	Personal Finance (MGMT 117)	10, 11, 12	3
	CEO – Business Leadership (MGMT 201, 203)	12	4
	Marketing (MGMT 201)	11,12	3
	CTE Coop (MGMT 213)	12	3
English	Appreciation of Theatre (THEA 120)	11, 12	3
	Public Speaking (COMM 151)	11, 12	3
	*African-American Literature (LIT 216)	12	3
Industrial Technology and Engineering	Machining & Metalworking I (PMT 100)	9, 10, 11, 12	.5
Family and Consumer Science	Introduction to Education (ED 255)	11, 12	3
	Exceptional Child (ED 265)	12	3
Music	Fundamentals of Music Theory (MUS 104)	11, 12	3
	Music Appreciation (MUS 101)	11, 12	3
Health Occs.	Orientation to Health Occupations (HRO 101)	10,11,12	2
	Medical Terminology (HRO 160)	10,11,12	3

*May not be offered 2024-2025

SOUTHWESTERN ILLINOIS COLLEGE DUAL CREDIT OPPORTUNITY (@ THE CAVE)

COURSE NAME	SWIC COURSE NAME	POSSIBLE CREDITS	GRADE LEVEL
Early Childhood Education I	ECE 110 – Intro to Early Childhood Education	3	11,12
	ECE 114 - Child Health Maintenance	3	
Early Childhood Education II	ECE 112 – Growth & Development of Children	2	12
Community Health Worker	HMS 100 – Intro to Human Services	3	19
	HRO 150 – Fundamentals of Nutrition	2	
	CHW 102 – Public Health Client Care	1	
	CHW 104 – Chronic Disease Management	2	
	CHW 106 – Behavioral and Mental Health	2	
	CHW 108 – Maternal and Infant Health	2	
	CHW 110 – Clinical Experience	4	
	HRO 160 – Medical Terminology	3	
Carpentry & Construction II	CMT 145 – Building Trades I	4	11,12
Carpentry & Construction III	CMT 146 – Building Trades II	4	12
Machining & Metalworking II	PMT 101 – Introduction to Machine Trades	4	11,12
Machining & Metalworking III	PMT 110 – Introduction to CNC Operations	2	12
Welding II	WLDT 101 – Introduction to Welding	5	11,12
	WLDT 152 – All Position Arc Welding	5	
Welding III	WLDT 201 – Advanced Arc Welding	6	12
	WLDT 252 – Pipe Welding	4	
	WLDT 253 – GTAW/GMAW/FCAW/PAC	4	
Advanced Aviation	AVIA 101 – Private Pilot Flight Theory (Airplane)	4	11,12
Aviation Maintenance	TBD	TBD	11, 12

ST. Louis University's 1818 Advanced College Credit Program

Many colleges accept the credits from the SLU 1818 ACC Program, and students could start college with college credits. However, some colleges do not accept these or they have restrictions on the credits. It is strongly recommended that students check with the colleges that they are considering to find out the credit will be accepted. In order to enroll in this program, students must have a 3.0 unweighted cumulative grade point average (some exceptions may apply). Students who wish to earn college credit will pay \$75 per credit hour. To get college credit, students must earn a "C" or better in the course. No other tests are required. More information can be found at slu.edu/1818 or by emailing jhotzewilton@bths201.org. Students receive registration information from the teachers of these courses each semester.

SLU 1818 Courses Offered at Belleville East:

SUBJECT	COURSES	GRADE	POSSIBLE CREDITS
English	American Studies-English	11	3
	English 5-6 H	11	3
	AP English 8 H	12	3
	AP Writing Skills Honors	12	3
Social Studies	American Studies –U.S. History	11	3 per semester, up to 6 total 3 or 4
	Honors Global Issues Honors		
World Languages	French 5-6 H	11	3 per semester, up to 6 total 3
	German 5-6 H	11	
	French 7-8 H	12	3 per semester, up to 6 total
	German 7-8 H	12	3 per semester, up to 6 total
	Spanish 7-8 H	12	3 per semester, up to 6 total
Science	AP Environmental Science	11 or 12	3
	AP Physics 1 Honors	11 or 12	4
	AP Physics 2 Honors	12	4
	Advanced Chemistry AP	11 or 12	4 per semester, up to 8 total
	Advanced Biology AP	11 or 12	4
	Forensic Science Honors	11 or 12	3
Math	Calculus AP BC	12	4 per semester, up to 8 total

Art Department Course Selections

	Starting Art in 9th Grade, follow the path below	Starting Art in 10th Grade, follow the path below	Starting Art in 11th Grade, follow the path below	Starting Art in 12th Grade, follow the path below
9th	Introduction to Graphic Arts			
10th	Ceramics/Crafts 1-2 Graphic Design 1-2 Painting 1-2 Photography 1-2 Graphic Production	Introduction to Graphic Arts		
11th	Adv Ceramics/Crafts Adv Graphic Design 3-4 Adv Painting 3-4 Adv. Studio Photography Graphic Production	Ceramics/Crafts 1-2 Graphic Design 1-2 Painting 1-2 Photography 1-2 Graphic Production	Introduction to Graphic Arts (see counselor for possible exemption from taking this course as a prerequisite for other art classes)	
12th	Art Studio: Ceramics Graphic Design Painting Photography	Adv Ceramics/Crafts Adv Graphic Design 3-4 Adv Painting 3-4 Adv. Studio Photography Graphic Production	Ceramics/Crafts 1-2 Graphic Design 1-2 Painting 1-2 Photography 1-2 Graphic Production	Introduction to Graphic Arts (see counselor for possible exemption from taking this course as a prerequisite for other art classes)

Art Department
Jenny Hotze-Wilton, Chairperson
Fees: Semester fees are charged in art classes

1000 Introduction to Graphic Arts 1-2

Prerequisite: None

Grade: 9, 10, 11, 12 Credit: 1.0 An introductory course designed to foster an awareness and understanding of fine art and graphic design as it relates to society. Design problems are explored through the use of various media, which include pencil, acrylic, watercolor, ink, and mixed media, as utilized in the Graphics Communication industry. The students explore and discuss the job potential in the field of graphic communications. Students will study the elements and principles of design and explore various two-dimensional media, which will include units on design, drawing, painting and printmaking. In addition, creative-thinking activities will be presented as well as reading, writing, and discussion. The Illinois Learning Standards will be incorporated through the use of reading, comprehension, writing, basic principles of math and science as well as art history. A lab fee and purchase of an art kit from the bookstore are required.

1100 Graphic Production

Prerequisite: Introduction to Graphic Arts 1-2 or Department Chair approval Grades: 10, 11, and 12 Credit: 1.0 This course consists of planned learning experiences designed to introduce students to graphic production related occupations and the knowledge and skills needed for these occupations. Areas of instruction include: job planning, layout and design, composition, logo and label design, sign-making, movie-making and finishing, and career awareness. The Illinois Learning Standards will be incorporated through the use of reading, comprehension, writing, basic principles of math and science as well as a historical survey. A lab fee and purchase of an art kit from the bookstore is required. (General)

1111 Painting 1-2

Prerequisite: Introduction to Graphic Arts 1-2 or Department Chair approval Grades: 10, 11, and 12 Credit: 1.0 Painting exercises, color theory, and experimentation comprise the first semester activities. Students use acrylic paint and water mixable oils and watercolor to paint landscapes, still life, and portrait projects. This course includes lectures and visuals on the history of painting. Idea development and personal painting techniques are covered during the second semester. The Illinois Learning Standards will be incorporated through the use of reading, comprehension, writing, basic principles of math and science as well as a historical survey. A lab fee and purchase of an art kit from the bookstore are required. Students must purchase additional class supplies. (General)

1113 Graphic Design

Prerequisite: Introduction to Graphic Arts 1-2 or Department Chair approval Grades: 10, 11, and 12 Credit: 1.0 Graphic design is an in-depth study of media, techniques and critical thinking skills needed to produce art. A creative approach to problem solving and the manipulation of material is stressed. The basic materials of the graphic design field are explored including pencil, pen and ink. Projects in poster design, illustration and rendering are presented. The second semester continues and expands upon the in-depth studies of media, technique, and critical thinking skills needed to produce art, which were begun in Graphic Design 1. Students will study advertising, industrial, book, and illustration. The Illinois Learning Standards will be incorporated through the use of reading, comprehension, writing,

basic principles of math and science as well as a historical survey. A lab fee and purchase of an art kit from the bookstore are required. (General)

1117 Ceramics/Crafts

Prerequisite: Introduction to Graphic Arts 1-2 or Department Chair approval Grades: 10,

11, and 12 Credit: 1.0 This course is a basic introduction to the tools and techniques used in ceramics and crafts. Historical motivations will be drawn from both Western and non-Western cultures. Students work with clay, both hand-built and wheel thrown, during the first semester. Second semester crafts focus on projects in paper, fiber, and metal. The Illinois Learning Standards will be incorporated through the use of reading, comprehension, writing, basic principles of math and science as well as a historical survey. A lab fee and purchase of an art kit from the bookstore are required. (General)

1119 Photography

Prerequisite: None

Grades: 10, 11 and 12 Credit: 1.0 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 are stressed. Students are given a survey of the history of photography and its role in society and the workplace. 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. The Illinois Learning Standards will be incorporated through the use of reading, comprehension, writing, basic principles of math and science as well as a historical survey. A lab fee, text and purchase of a manual 35 mm Single Lens Reflex (SLR) camera are required in addition to a materials supply list that will be provided in class. If there are questions concerning the type of camera, please contact the teacher before enrollment. (General)

1221 Advanced Painting

Prerequisite: Successful completion of Painting 1-2, Permission from Art teacher

Permission from Art teacher

Grades: 11 and 12 Credit: 1.0 Advanced studio gives the student an opportunity to do in-depth work in painting. The students prepare a portfolio for college and develop their creative potential. The Illinois Learning Standards will be incorporated through the use of reading, comprehension, writing, basic principles of math and science as well as a historical survey. A lab fee and purchase of an art kit from the bookstore are required. Students must purchase class supplies. (Advanced)

1223 Advanced Graphic Design

Prerequisite: Successful completion of Graphic Design, Permission from Art teacher Grades: 10,

11, and 12 Credit: 1.0 This course is an advanced studio course that gives the student an opportunity to do in-depth work in studying multimedia, technique (utilizing a variety of tools and mediums), and critical thinking skills needed to produce graphic design and commercial art. Additional focus on art production, art criticism, art history, art aesthetics and all the elements of the principles of design will be included.

Emphasis is put on the job market and students are encouraged to prepare a portfolio for presentation to prospective employers or for college entrance. Illinois incorporated through the use of reading, comprehension, writing, basic principles of math and science as well as a historical survey. Second semester is a

continuation of the first semester. Enrollment is limited. Special permission from the instructor is required. A lab fee and purchase of an art kit from the bookstore are required. (Advanced)

1227 Advanced Ceramics/Crafts

Prerequisite: Successful completion of Ceramics/Crafts, Permission from Art teacher Grades: 11

and 12 Credit: 1.0 Advanced studio gives the student an opportunity to refine and improve skills in ceramics and crafts. Students will also be introduced to the dynamics of the studio. Students will build a portfolio for college and develop their creative potential and aesthetic sensibility. The Illinois Learning Standards will be incorporated through the use of reading, comprehension, writing, basic principles of math and science as well as a historical survey. A lab fee and purchase of an art kit from the bookstore are required. (Advanced)

1229 Advanced Studio Photography

Prerequisite: Successful completion of Photography, Permission from Art teacher Grades: 11 and

12 Credit: 1.0 This course provides a student with the opportunity to do in-depth (more advanced) work/study in manual and digital photography, studio lighting, light metering, manipulation of photos via multimedia software, and explore 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 are encouraged to prepare 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 photography is presented to make the students aware of the demands in the field of photography. The student will gain an understanding of the materials and equipment needed to build his or her own darkroom and studio. Each student will know how to use portrait contracts and will understand his or her rights as a photographer. The bulk of the course focuses on securing a professional portfolio for each advanced photographer in his or her chosen area of artistic statement and first professional resume. Second semester is a continuation of the first semester. The Illinois Learning Standards will be incorporated through the use of reading, comprehension, writing, basic principles of math and science as well as a historical survey. A lab fee, text and purchase of a manual 35 mm Single Lens Reflex (SLR) camera are required in addition to a materials supply list that will be provided in class. (Advanced)

1116 Art Studio

Prerequisite: Adv. Painting, Adv. Graphic Design, Adv. Ceramics/Crafts, or Adv. Photography and permission from Art Teacher

Grades: 11 and 12 Credit: 1.0 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 by their junior year.

CAREER & TECHNICAL EDUCATION DEPARTMENT
BUSINESS & TECHNOLOGY
COURSE OPTIONS

*Denotes Dual Credit

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	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 CTE Cooperative Education & Apprenticeship Program (Application process) (12 th Only)	Computer Programming II * Honors Accounting I Honors Accounting II CEO – Business Leadership (Application process) (12 th Only) *

Business & Technology Department

Kassandra Schaab, Chairperson

Fees: Semester fees are charged in Business classes

3000 Introduction to Business & Technology Concepts

Prerequisite: None

Grades: 9, 10 Credit: 1.0 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. Fee required. (General) (12051A001)

3247 or 3248 Technology Essentials

SWIC

Prerequisite: None

Grades: 9, 10, 11, and 12 Credit: .50 Dual Credit is available for students who meet the criteria as required by Southwestern Illinois College (OAT 170, 2 cr.) 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. Fee Required. (General) (12005A001)

3215 or 3216 Tech Essentials (1/2 hr. opposite lunch all year)

SWIC

Credit Prerequisite: None

Grade: 9, 10, 11, and 12 Credit: .50 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. Dual Credit is available for students who meet the criteria as required by Southwestern Illinois College (OAT 170, 2 cr.) (General) (12005A001)

3236 or 3246 Computer Concepts 1

Prerequisite: None

Grades: 9, 10, 11, 12 Credit: .50 This course is designed to 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. Students will explore topics related to computer concepts, operating systems, telecommunications and emerging technologies, including introduction to coding and basic HTML, google docs, Photoshop, video, Audacity, Microsoft Office basics, file management, and email. Business Ethics and workplace skills will be included throughout the course. According to the Illinois Learning Standards, students will apply proper grammar, punctuation, spelling and proofreading applications. Fee Required (General) (10005A001)

3230 or 3260 Computer Concepts 2

SWIC

Prerequisite: Computer Concepts 1

Grade Level: 9, 10, 11, 12 Credit: .50 Dual Credit is available for students who meet the criteria as required by Southwestern Illinois College (OAT 130, 131, 132 3 cr.) 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. Fee Required. (General) (10005A002)

3120 or 3121 Personal Finance

SWIC

Prerequisite: None Grades: 10, 11, and 12 Credit: .50 Dual Credit is available for students who meet the criteria as required by Southwestern Illinois College (MGMT 117, 3 cr.) Personal Finance is the development of the students in 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. Fee Required (General) (12007A001)

3223 Accounting I

Prerequisite: None

Grades: 10, 11, and 12 Credit: 1.0 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. (General) (12104A001)

3222 Honors Accounting I

Prerequisite: Honors Algebra I or Algebra I, with "B" or better

Grades: 10, 11, and 12 Credit: 1.0 This is an Honors course that includes all the topics covered in Accounting I, but at an accelerated pace covering more material. Accounting computer applications and MS Excel will be integrated throughout the course. Fee Required (Honors) (12104A001)

3352 Honors Accounting II

Prerequisite: Satisfactory completion of Accounting or Honors Accounting I Grades: 11

and 12 Credit: 1.0 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 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. (Honors) (12104A002)

3205 or 3206 Computer Programming I

Prerequisite: None

Grade Level: 9, 10, 11, and 12 Credit: 1.0 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)

3210 Computer Programming II

SWIC Dual Credit and CISCO CERTIFICATION



Prerequisite: Computer Programming I strongly recommended

Grades: 10, 11, and 12 Credit: 1.0 Computer Programming II is a skill-level course introducing students to the concepts of cybersecurity. This course provides 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)

3241 or 3251 Business Law and Ownership

Prerequisite: None

Grades: 10, 11 and 12 Credit: .50 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. 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. (General) (12054A001)

3242 or 3252 Business Management & Entrepreneurship

Prerequisite: None

Grades: 10, 11 and 12 Credit: .50 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. (General) (12052A001)

3217 Marketing (Sports & Entertainment Marketing, Entrepreneurship, e-Marketing)

Prerequisite: None

Grades: 11 and 12

SWIC

Credit: 1.0 Throughout this course students will learn the fundamentals of business and marketing. This is a great choice for students interested in a career in Business and/or Entrepreneurship. This course will also explore the intriguing world of Sports & Entertainment Marketing. Many aspects of marketing will be covered such as general marketing, small business management and ownership, marketing concepts and theories that apply to college & amateur sports, professional sports, marketing entertainment, marketing plans, promotional planning and legal issues. This course will be project driven with numerous guest speakers throughout the year. Computer simulation projects will be utilized to reinforce the students' understanding of the topics included in this course. (12152A001)

3356 or 3365 College and Career Prep

Prerequisite: None

Grade Level: 10, 11, 12 Credit: .50 (sem.) 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 (General) (22151A001)

3357 or 3358 College and Career Prep/Lunch

Prerequisite: None

Grade Level: 10, 11, 12 Credit: .25 per semester (yr.) This course is the same as the College and Career Prep 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. (General) (22151A001)

3375 & 3376 CTE Cooperative Education & Apprenticeships (Career & Technical Education) Prerequisite: Application and Coordinator Approval

SWIC Dual Credit

Grade: 12 Credit: 3.0 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. 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) (12098A002)

3150 CEO – Business Leadership Prerequisite: Application Process

SWIC

Grade: 12 Credit: 2.0 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. (Honors) (12053A001)

3964 Café Manager

Prerequisite: Consent of Instructor and Dept. Chair approval

Grade: 12 Credit: 1.0 A student may be chosen as a **Cafe Manager** 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 **manager** in the industry. The major goal is to develop leadership aspects in the student. (General) (12198A001)

CAREER & TECHNICAL EDUCATION DEPARTMENT

**FAMILY AND CONSUMER SCIENCES
COURSE OPTIONS**

Grade	Family and Consumer Sciences Course Options (Held at EAST Campus)	Course Options (Held at CAVE Campus)
9	Expedition CAVE Intro to Family and Consumer Sciences 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 Child Growth & Development 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

Family & Consumer Sciences Dept.

Kassandra Schaab, Chairperson

Fees: Semester fees are charged in Family & Consumer Sciences classes

Expedition CAVE (3702)

Prerequisite: None

Grade Level: 9 (preferred), 10, 11, 12 Credits: 1.0 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 (General) (22151A001)

3402 Introduction to Family and Consumer Sciences

Prerequisite: None

Grade: 9 Credit: 1.0 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. (General) (19251A001)

3543 or 3544 Child Growth and Development

Prerequisite: None

Grades: 9, 10, 11 Credit: .50 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. (General) (19051A001)

3411 Culinary I

Prerequisite: None

Grade: 10, 11, and 12 Credit: 1.0 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-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)

3532 Culinary II

Prerequisite: Successful completion of Culinary I

Grades: 11 and 12 Credit: 1.0 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)

3552 Culinary III

Prerequisite: Successful Completion of Culinary II & Teacher

Approval

Grade: 12 Credit: 1.0 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 (Advanced) (16055A001)

3423 Clothing and Fashion Design 1

Prerequisite: None

Grades: 10, 11, and 12 Credit: .50 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 competencies in selecting clothing textile products to meet social, physical, psychological, and economic needs and constructing, altering, and repairing textile products. Other areas of emphasis include information on career opportunities and related topics in fashion and merchandising. Applied math skills will be stressed throughout the course. Students will be required to purchase materials for class sewing projects. (General) (19201A001)

3424 Clothing and Fashion Design 2

Prerequisite: Clothing and Fashion Design 1 with a "C" or better

Grades: 10, 11, and 12 Credit: .50 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)

3534 or 3535 Housing/Interior Design

Prerequisite: None

Grades: 10, 11 and 12 Credit: .50 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) (General) (05193A001)

3537 or 3538 Adult Living

Prerequisite: None

Grade: 11, 12 Credit: .50 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 marketplace; 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. (General) (19259A001)

3541 or 3542 Parenting

Prerequisite: None

Grade: 11, 12 Credit: .50 This course is designed to help students think through the responsibilities, satisfaction, 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 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 relation skills in children/adolescents; and evaluating impact of 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. (General) (19052A001)

3614 Intro to Education

Prerequisite: None

Grade: 11, and 12 Credit: 1 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 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)

3619/3620 Early Childhood Education I

CAVE

SWIC

Prerequisite: None

Grade: 11 and 12 Credit: 1 per semester - 2 semesters (2 hour class)

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)

3622 Early Childhood Education II

CAVE

SWIC

Grade Level: 12 Prerequisite: Early Childhood Education I

Course Level: General Credits: 1.0 per semester (2 semesters) – 2 hour class

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)

3615 Exceptional Child

Prerequisite: Intro to Education

SWIC

Grade: 12 Credit: 1 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)

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

Prerequisite: Application and Coordinator Approval

Grade: 12 Credit: 3.0 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
HEALTH SERVICES TECHNOLOGY
COURSE OPTIONS

Fees: Semester fees are charged in Health Services Technology classes

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 & Apprenticeship Program (Application process)	Community Health Worker

Health Services Technology Dept.

Kassandra Schaab, Chairperson

Fees: Semester fees are charged in Health Services Technology classes

3608 Orientation to Health Occupations

SWIC

Prerequisite: None

Grade: 10, 11, 12 Credit: .50 The course should expose students to the variety of opportunities available within the healthcare 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) (14002A002)

3609 Medical Terminology

SWIC

Prerequisite: None

Grade: 10, 11, 12 Credit: .50 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) (14002A002)

3610 Health Occupations Related Skills

Prerequisite: None

Grade: 10, 11, 12 Credit: .50 The course provides students with a core of knowledge to the healthcare 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 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) (14002A002)

3611 Medical/Clerical Assisting

Prerequisite: None

Grade: 10, 11, 12 Credit: .50 Medical/Clerical Assisting course provides student development in a sequence of organized learning experiences and skills designed with 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) (14002A002)

3594 Community Health Worker

Prerequisite: None

Grade Level: 12

Course Level: Honors

Advanced Credits: 1 per semester (2 semesters)

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 provides 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. Fee required. (14203A001)

CAVESWIC

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

Prerequisite: Application and Coordinator Approval

Grade: 12 Credit: 3.0 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
INDUSTRIAL TECHNOLOGY
COURSE OPTIONS**

Grade	Industrial Technology and Engineering Course Options (Held at EAST 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 Introduction to Aviation	
11	Expedition CAVE Auto I Carpentry & Construction I Engineering & Design I Engineering & Design II Machining & Metalworking I Welding I Introduction 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 Introduction 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

Industrial Technology Dept.

Kassandra Schaab, Chairperson

Fees: Semester fees are charged in Health Services Technology classes

Expedition CAVE (3702)

Prerequisite: None

Grade Level: 9 (preferred), 10, 11, 12 **Credits:** 1.0 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 (General) (22151A001)

3727 or 3728 Carpentry & Construction I

Prerequisite: None

Grades: 10, 11, and 12 **Credit:** .50 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 (General) (17001A001)

3729 Carpentry & Construction II

CAVE

SWIC

Prerequisite: None **Grades:** 11 and 12 **Credit:** 2.0 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.(Advanced) (17002A001) (CAVE)

3730 Carpentry & Construction III

Prerequisite: Carpentry & Construction II & Instructor Approval

CAVE

SWIC

Grade: 12 **Credits:** 2.0 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. (Advanced) (17002A002) (CAVE)

3720, 3721 Engineering & Design I

Prerequisite: None

Grades: 10, 11, and 12 Credit: .50 This course introduces drafting-related occupations and the knowledge and skills needed for these occupations. 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)

3821 Engineering & Design II

SWIC

Prerequisite: None

Grades: 11, and 12 Credit: 1 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 (General) (21102A001)

3820 Mechanical Drafting (CAD)

Prerequisite: Engineering & Design II and Instructor Approval

SWIC

Grade Level: 12

Credits: 1

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)

3951 Architectural CAD

Prerequisite: Engineering & Design II and Instructor Approval

SWIC

Grade Level: 12

Credits: 1

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)

3832 or 3835 Auto I

Prerequisite: None

Grades: 10, 11 and 12 Credit: .50 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)

3839 Auto II

Prerequisite: None (CAVE)

CAVE

Grades: 11 and 12 Credit: 2.0 Advanced 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 powertrain. Fee Required (Advanced) (20104A001) (CAVE)

3840 Auto III

Prerequisite: Auto II & Instructor Approval

CAVE

Grade: 12 Credits: 2.0 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, drivetrain and overall automobile performance. Fee Required (Advanced) (20104A002) (CAVE)

3827 or 3828 Welding I

Prerequisite: None

Grade: 10, 11, 12 Credit: .50 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. (General) (13207A003)

3830 Welding II

Prerequisite: None

CAVE

SWIC

Grades: 11 and 12 Credit: 2.0 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. (Advanced) (13207A001) (CAVE)

3834 Welding III

Prerequisite: Welding II & Instructor Approval

CAVE

SWIC

Grade: 12 Credit: 1.0 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.(Advanced) (13207A002) (CAVE)

3737 or 3738 Machining and Metalworking I

Prerequisite: None

Grades: 10, 11 and 12 Credit: .50 The Machining 1 course enables 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)

3739 Machining & Metalworking II

Prerequisite: None

CAVE

SWIC

Grades: 11 and 12

Credit: 2.0 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 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. (Advanced) (13203A001) (CAVE)

740 Machining & Metalworking III

Prerequisite: Machining & Metalworking II & Instructor Approval

CAVE

SWIC

Grades: 12

Credit: 2.0 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. (Advanced) (13203A002) (CAVE)

3617 Introduction to Aviation

Prerequisite: None

Grades: 10, 11 and 12

Credit: 1.0

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.

3618 Advanced Aviation

Grade Level: 11, 12

Course Level: Advanced Credits: 1.0 per semester (2 semesters)

Prerequisite: Intro to Aviation suggested and instructor approval

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)

CAVESWIC

3375 & 3376 CTE Cooperative Education & Apprenticeships (Career & Technical Education)

Prerequisite: Application and Coordinator Approval

Grade: 12 Credit: 3.0 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) (General)

Grade	English Course Options			
9	English 1-2 English 1-2 Honors * English 1-2* English Lab* (Accompanies Title Enrollment) Literacy Strategies*			
10	English 3-4 English 3-4 Honors * English 3-4 *			
11	English 5-6 English 5-6 Honors *(dual college credit) American Studies/English* (dual college credit) English 5-6 * Junior students, who have time in their schedule and a cumulative 3.0 GPA, may take one of the following in addition to English 5-6. Creative Writing, Literary Themes, Film as Literature, Appreciation of Theatre			
12	General	College-Bound	Advanced/Honors	Seniors may choose two or more of these electives
	<ul style="list-style-type: none"> ● Practical English ● Literature of Action ● Literary Explorations 	<ul style="list-style-type: none"> ● English 7-8 <i>Senior Elective Options</i> ● Film as Literature ● Literary Themes ● Appreciation of Theater (dual-credit) 	<ul style="list-style-type: none"> ● Creative Writing ● Advanced Writing ● English 8 AP (dual -college credit) ● AP Writing Skills Honors (dual - college credit) ● Public Speaking (dual credit) ● African-American Literature (dual credit, but see note) 	

***Enrollment based on test scores, previous semester grades and teacher recommendations.**

English Department

Jessica Templin, Chairperson

Fees: Semester fees are charged in English classes

FRESHMAN COURSES

4000 English 1-2

Prerequisite: 8th grade teacher recommendation Grade: 9 Credit: 1.0

First-year, standard class. English 1-2 covers units of study in the five Common Core Standards: 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. (College Prep)

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

4002 English 1-2 Honors

Prerequisite: 8th grade teacher recommendation and/or meets or exceeds on a standardized test. Grade: 9 Credit: 1.0

English 1-2 Honors covers units of study in the five Common Core strands: reading literature, reading for information, writing, language, and 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 multiple sources; making use of technology to produce and to present information (in both writing and speaking); and participation 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. Although the same skills are studied in English 1-2, the 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.

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

4006 English 1-2

Prerequisite: 8th grade teacher recommendation and/or a IAR score of a 1 or 2

Grade: 9 Credit: 1.0 English 1-2 I covers units of study in the five Common Core Standards: 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 I course will learn the same content and skills as students in other freshman classes, but students in the English 1-2 I class benefit from a smaller student-teacher ratio and greater individualized instruction.

Students enrolled in English 1-2 I must also be enrolled in the I English Lab class.

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

4010 English Lab

Prerequisite: 8th grade teacher recommendation.

Grade: 9 Credit: 1.0

A complimentary course to English 1-2 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, computer remediation programs, small group instruction, structured reading time, reading strategies instruction, study skills, organization skills, and vocabulary acquisition.

Students enrolled in English 1-2 Lab must also be enrolled in the English 1-2 I class. (General) (Title One Services)

4022/4023 and 4021 Literacy Strategies

Prerequisite: Teacher Recommendation

Grade Level: 9 Credit: .50 or 1.0 Literacy Strategies is a half-hour or hour course designed to help students gain new reading skills and strategies that will prepare them for reading in all disciplines, improve performance in English and other disciplines, prepare them for standardized tests and course tests, and help them utilize better study skills. Students who complete the half-hour course successfully will earn .50 elective credits per semester towards their graduation requirements. Some students may qualify for the hour-long course, which takes the place of Biology for one year. This course is designed to help close reading gaps and prepare students for high school and college-level reading.

SOPHOMORE COURSES

4133 English 3-4

Prerequisite: English 1-2

Grade: 10 Credit: 1.0 Second-year standard class. English 3-4 covers units of study in the five Common Core Standards: 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. (College Prep)

Students must pass English 3-4 before advancing to English 5-6.

4132 English 3-4 Honors

Prerequisite: Grade of “B” or better in English 1-2 H and teacher recommendation.

Students must earn an A in English 1-2 and have that teacher’s recommendation to move to English 3-4 Honors.

Grade: 10 Credit: 1.0 English 3-4 covers units of study in the five Common Core strands: reading literature, reading for information, writing, theme or central idea of a text; evaluating the argument and specific claims of a text; citing strong and 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.

4149 English 3-4

Prerequisite: English 1-2 and Teacher recommendation.

Grade: 10 Credit: 1.0 English 3-4 covers units of study in the five Common Core Standards: 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 course, 4149, will learn the same content and skills as students in other sophomore classes, but students in the English 3-4 I class benefit from a smaller student-teacher ratio and greater individualized instruction. *Students must pass English 3-4 before advancing to English 5-6.* (General) (Title One Services)

JUNIOR COURSES

Junior students with the time in their schedules and a cumulative GPA of 3.0 may take an additional English course, but they must take one of the English 5-6 courses as required in the junior year.

4153 English 5-6

Prerequisite: English 3-4

Grade: 11 Credit: 1.0

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 reading assessments.

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

4152 English 5-6 Honors SLU Dual Credit (2nd sem. only) Prerequisite: Students must have a "B" or better in Eng 3-4 Honors and have the teacher's recommendation. Students must earn an "A" in English 3-4 and have that teacher's recommendation to move from Regular to English 5-6 Honors.

Grade: 11 Credit: 1.0

English 5-6 honors analyzes the impact of literature and foundational texts in relation to historical significance. The course will focus on such Common Core 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 speaking. Demonstrating a command of standard English, figurative language, and word relationships will also aid in understanding the impact of rhetoric within selections. Course readings will focus on American literature and may include short stories, poetry, drama, novels, non-fiction selections, and articles about current events. 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 course can be taken as a Dual Enrollment course in the Saint Louis University 1818 program for 3 credit hours.

4154 English 5-6

Prerequisite: Eng. 3-4 or Eng. 3-4 teacher recommendation

Grade: 11 Credit: 1.0 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 multiple sources. 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 speaking assessments.

This course includes a concentration in reading with the intent to identify and remediate gaps in reading skills. Students in the English 5-6 course, 4154, will learn the same content and skills as students in other junior classes, but students in this English 5-6 class benefit from a smaller student-teacher ratio and greater individualized instruction.

Students must pass English 5-6 before advancing to senior electives. (General) (Title 1 Services)

7205 American Studies/English H SLU Dual Credit Prerequisites: Students must have a “B” or better in English 3-4(H) and have teacher recommendation. Students must have an “A” in English 3-4 and have a teacher recommendation to move to American Studies. Concurrent enrollment in American Studies/History required.

Grade: 11 Credit: 1.0 American Studies is an interdisciplinary course incorporating American History, American Literature, and advanced-level writing skills. This course is a team-taught, two-hour class. The course expands upon standard presentations and relates American literary and cultural developments to historical changes. Due to classroom space limitations, the maximum class size for this course is 52 students. In the event that course requests exceed 52 students, priority enrollment will be given to students who have earned B's or better in their freshman/sophomore honors English/Social Studies courses. Students also must have their teacher's recommendations. Note: Students who enroll in American Studies may not enroll in any English 5-6 during the senior year. (History and English both earn Honors credit) This course can be taken as a Dual Enrollment course in the Saint Louis University 1818 program for nine college credit hours (six for history and three for English). Most universities accept this credit; however, it is the individual responsibility of the student to verify that his or her selected university does so. SLU does charge a fee. (Honors)

SENIOR COURSES

4602 English 7-8

Prerequisite: English 5-6

Grade: 12 Credit 1.0 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

Phasing of Senior English Elective Courses:

Phase 1 courses are designed for students who find reading, writing, speaking, and thinking quite difficult and have significant problems with basic skills.

Phase 2 courses are created for students who do not have serious difficulty with basic skills but need to improve and refine them and can do so best by learning at a somewhat slower pace. **Phase 3** courses are particularly for those who have an average command of the basic language skills and would like to advance beyond these basic skills but do so at a moderate rather than at an accelerated pace. **Phase 4**

courses are for students who learn fairly rapidly and have good command of language and other cognitive skills.

Phase 5 courses offer a challenge to students who have an excellent command of language and other cognitive skills, and who are seeking stimulating academic experiences.

We strongly suggest that students consider their needs as well as their interests, that they choose courses with appropriate phase numbers, and that they balance their program instead of taking courses all of one type. In making choices, students should take into consideration their college or vocational plans. Note: Many universities have changed their entrance requirements; therefore, college-bound students should be extremely careful in selecting their English classes. With the help of the counselors, students should determine the number and types of English classes required by the universities they are considering. High-phase, supplemental courses at the senior year should be considered in accordance with individual abilities and personal interests. Most four-year colleges expect incoming freshmen students to have taken a balance of writing and literature courses during their four years of high school.

SENIOR ELECTIVES—WRITING

4307, 4308 Practical English (taken instead of English 7-8), not NCAA approved

Prerequisite: D or lower in English 5-6, or enrollment in English 5-6 Title Grades: 11 and 12 Credit: .50 (Phase 1-2) This course is designed to help students further develop the basic writing and communication skills needed for employment and daily living. This course focuses on school-to-work writing, career exploration, and research. Students write one research paper or complete one research project during the semester. (General)

4427, 4428 Advanced Writing Skills (taken instead of English 7-8)

Prerequisite: Student has a B or higher in English 5-6 and teacher recommendation, or student has taken English 5-6 H or American Studies.

Grade: 12 Credit: .50 (Phase 4) The content of this course will interest those college-bound students who want to build upon their previous writing experiences - from the five-paragraph essay to the research paper. Students will write approximately 8-10 essays, including at least two research papers. Students will focus on clarity, development, logical progression, focus, audience awareness, stylistic choices, and critical thinking. (Advanced) This course is taken along with another senior elective, not with English 7-8.

4417, 4418 Creative Writing (taken instead of English 7-8)

Prerequisite: Student has a B or higher in English 5-6 and teacher recommendation, or student has taken English 5-6 H or American Studies.

Grade: 11 and 12 Credit: .50 (Phase 4) This college-bound course offers students with genuine interest and aptitude the chance for creative, written expression through extensive writing in poetry, short stories, drama, and other genres. This course is taken in addition to English 7-8 or AP honors writing skills/ AP English 8 (Advanced)

4530 AP Writing Skills Honors SLU Dual Credit Prerequisite: Students who have successfully completed English 5-6 Honors or American Studies with a grade of 'B' or higher.

Grade: 12 Credit: .50 (Phase-5) This demanding course for college-bound seniors is designed to improve the ability to write expository prose with an emphasis on persuasive form. Typically, required pieces of writing include: a research essay; a literary essay; a college admissions essay; a personal essay, and others. A primary objective for each student is to develop a clear, effective, and individual writing style. Substantial critical reading of professional authors' works will also be covered.

This course can be taken as a Dual Enrollment course in the Saint Louis University 1818 program for three college credit hours. Most universities accept this credit; however, it is the individual responsibility of the student to verify that his or her selected university does so. SLU does charge a fee. (Honors)

SENIOR ELECTIVES—LITERATURE

4327, 4328 Literacy of Action (taken instead of English 7-8)

Prerequisite: D or lower in English 5-6 or enrollment in English 5-6 Title and teacher recommendation.

Grade: 12 Credit: .50 (Phase 1-2) This is a semester-long literature survey course in which students continue to develop and hone their literacy skills by engaging in reading, writing, research, and communicative activities thematically-grounded in notions of culture, community, and self. Students will study vocabulary, complete discussion questions, participate in Socratic Seminars and literature circles, and write short literary analysis and problem-solution essays related to class themes. Anchor texts include Trevor Noah's *Born a Crime*, Angie Thomas's *The Hate U Give*, Malala Yousafzai's *I Am Malala*, as well as shorter works by Amy Tan and Chimamanda Ngozi Adichie. (General)

4355, 4356 Literary Explorations (taken instead of English 7-8)

Prerequisite: D or lower in English 5-6 or enrollment in English 5-6 Title and teacher recommendation.

Grade: 12 Credit: .50 (Phase 1-2) Literary Explorations focuses on the problems young people face growing up today. This literature course entails the study of themes that are primarily of interest to those who like young adolescent literature. Approximately six novels are read independently during the semester. Students read silently most of the hour. Students study vocabulary, take quizzes and tests, and write short essays about each novel. Some of the selected novels: *Secret Life of Bees*, *Lovely Bones*, *Shattering Glass*, and *Jake Reinvented*. (General)

4337, 4338 Film as Literature (taken in addition to English 7-8)

Prerequisite: None

Grade: 11 and 12 Credit: .50 (Phase 3) Studying film as a form of literature, students will develop critical viewing skills as they compare and contrast the strategies and styles of visual media with literature. Students will study a wide variety of films by analyzing elements of narrative strategy both unique from and similar to literature. While students will be reading texts and viewing films, all students will be completing various styles of writing: research, reviews, and literary analysis. Students will learn about the history and terminology of films, noting the different ways artists in the medium of film or literature communicate ideas. The course aims to develop a critical appreciation for the literary, artistic, and technological capabilities of film through critical analysis. (College Prep)

4359, 4360 Literary Themes (taken in addition to English 7-8)

Prerequisite: None

Grades: 11 and 12 Credit: .50 (Phase 3-4) Students read novels from a prepared list of college-bound "novels, which include a mix of classic and modern books." Students also take tests and write some essays about novels. (College Prep) **This course has to be taken in addition to English 7-8.

4532 AP English 8 Honors SLU Dual Credit (2nd sem. only)

Prerequisite: A grade of B or better in English 5-6 Honors or in American Studies.

Grade: 12 Credit: .50 (Phase 4-5) This course covers English literature from 1660 (Restoration) to the 20th century. Students will read and study the literature extensively. They will also complete numerous

writing assignments and research projects about the literature and culture of the focus periods. This course can be taken as a Dual Enrollment course in the Saint Louis University 1818 program for three college credit hours. Most universities accept this credit; however, it is the individual responsibility of the student to verify that his or her selected university does so. SLU does charge a fee. (Honors)

4610, 4611 African-American Literature SWIC Dual Credit*

Prerequisite: Successful completion of English 5-6 with C or above.

Grade: 12 Credit: .50 This course will survey African American literature in order to explore its role in empowering Black voices throughout U.S. history. Students will read and analyze a variety of literary genres, including novels, plays, short stories, essays, poems, and other non-traditional testimonials and texts. Students will use these readings to participate in discussion seminars, and writing projects that focus on connecting these authors' past efforts with present day concerns.

**To earn the dual credit, students must complete the equivalent of English 100 and English 101. These courses are not approved for next year yet.

SENIOR ELECTIVES - SPEECH/DRAMA

4497, 4498 Appreciation of Theatre (taken in addition to English 7-8) SWIC Dual Credit

Prerequisite: Successful completion of English 5-6 with C or above.

Grade: 11-12 Credit: .50 (Phase 3-4) Students with an interest in drama will gain knowledge and appreciation for both technical and artistic aspects of the theatre. Students will become familiar with the history, development, and structure of plays, scene analysis, and performance with the elements of technical design. They will also gain experience, allowing them to see drama as a collaborative art form, and will utilize their new skills to identify, apply, and analyze all areas of the dramatic process. This course can also be taken as part of the Dual Enrollment program at SWIC. (College Prep) Note: This course does not satisfy the English requirement of the NCAA as well as many other colleges.

4467, 4468 Public Speaking (taken instead of English 7-8) SWIC Dual Credit

Prerequisite: B or higher in English 5-6 (If enrollment is too high, students with a 3.0 or higher GPA will be offered enrollment first priority.)

Grade: 12 Credit: .50 (Phase 4) Students will be introduced to more advanced forms of public speaking. Concentration is on organization, research, and presentation. Students will acquire self-confidence while improving formal communication skills. Sections may be limited due to the instructor's schedule.

Individualized Education Dept.

Kimberly Martin, Chairperson
Cross-Categorical Individualized Education Classes
(IEP required) (Remedial)

***Placement in the following courses is determined through an Individualized Education Plan (IEP). Students enrolled in the courses follow curriculum based on the State Standards. Student's needs are met based on their IEP goals and objectives, accommodations, and modifications.**

8000 English 1-2

Prerequisite: IEP

Grade: 9 Credit: 1.0 English courses within the Individualized Education Department will implement an intensive reading intervention curriculum called Language! Language! is a comprehensive core replacement curriculum that hits all five of the essential components of reading: Phonics, phonemic awareness, comprehension, fluency, and vocabulary. Language! covers reading, writing, and spelling. An overview of the Language! Program can be found at <http://www.voyagerlearning.com/language>. Classes are established based on levels A, B, C, D, E, & F within the program. Students typically progress through one level per school year. Levels are determined for each student on an individual basis.

8002 Introduce Algebra 1-2 Core

Prerequisite: IEP

Grade: 9 Credit: 1.0 First year of a two-year course that focuses on Algebraic concepts while providing additional work in the fundamentals of arithmetic skills. Students are required to purchase a calculator specified by the instructor.

8003 Principles of Science 1-2

Prerequisite: IEP

Grades: 9 Credit: 1.0 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. This is not a laboratory course. The course covers material from the first half of the general education Biology course.

8004 Civics: Consumer Education/Government 3-4

Prerequisite: IEP

Grade: 10 Credit: 1.0 This is a course in active citizenship designed to awaken the students to the world around them. Students will study the historical events leading to American independence, the writing and ratification of the U.S. Constitution. Students will be required to pass tests on the U.S. Constitution, Illinois Constitution, the Flag, and the Declaration of Independence. A study of economics will meet the required components needed for graduation.

8007 Geography 1-2

Prerequisite: IEP

Grade: 9 Credit: 1.0 This course is designed to increase a student's knowledge in the areas of world culture, regions, climates, landforms, and the conservation of natural resources, topography and history. This includes the use of the five themes of geography to enhance student understanding of the United States and other regions of the world.

8008 Learning Strategies

Prerequisite: IEP

Grades: 9, 10, 11, and 12 Credit: 1.0 This course is designed to provide academic support for students enrolled in general education courses. Emphasis will be on meeting student's individual goals and objectives in their areas of need and providing accommodations as stated on their IEP. Class fees include the purchase of a Student Assignment Book each semester or the use of the Student and Parent Handbook to record daily assignments and homework.

8110 English 3-4

Prerequisite: IEP & Completion of English 1-2

Grade: 10 Credit: 1.0 English courses within the Individualized Education Department will implement an intensive reading intervention curriculum called Language! . Language! is a comprehensive core replacement curriculum that hits all five of the essential components of reading: Phonics, phonemic awareness, comprehension, fluency, and vocabulary. Language! Covers reading, writing, and spelling. An overview of the Language! Program can be found at <http://www.voyagerlearning.com/language>. Classes are established based on levels A, B, C, D, E, & F within the program. Students typically progress through one level per school year. Levels are determined for each student on an individual basis.

8112 Intro Algebra 3-4 Core

Prerequisite: IEP & Completion of Intro Algebra 1-2 Core

Grades: 10, 11, and 12 Credit: 1.0 This course is a continuation of a two-year Algebra course. Students are required to purchase a calculator specified by the instructor.

8114 Principles of Science 3-4

Prerequisite: IEP & Completion of Principles of Science 1-2

Grade: 10 Credit: 1.0 Involves the study of plants and animals for a working knowledge of the structures and functions of organisms and the biological and chemical principles known to be active in maintaining life. This is not a laboratory course. The course covers material from the second half of the general education Biology course.

8117, 8118 Health

Prerequisite: IEP

Grade: 9, 10, 11, and 12 Credit: 1.0 This course is designed to teach health, as it relates to the body system. Focus is on wellness, decision-making, relationships and personal responsibility

8220 English 5-6

Prerequisite: IEP

Grade: 11 Credit: 1.0 English courses within the Individualized Education Department will implement an intensive reading intervention curriculum called Language! . Language! is a comprehensive core replacement curriculum that hits all five of the essential components of reading: Phonics, phonemic awareness, comprehension, fluency, and vocabulary. Language! covers reading, writing, and spelling. An overview of the Language! Program can be found at <http://www.voyagerlearning.com/language>. Classes are established based on levels A, B, C, D, E, & F within the program. Students typically progress through one level per school year. Levels are determined for each student on an individual basis.

8222 US History 5-6

Prerequisite: IEP

Grade: 11 Credit: 1.0 The course is a chronological study of American History. The student will study national history in relation to today's society. There is an emphasis on small group activities and discussion of current events.

8223 Practical Geometry 5-6 Core

Prerequisite: IEP

Grade: 11 Credit: 1.0 Basic Geometry course that is a continuation of the concepts focused on in Intro-Algebra 3-4 Core. Students are required to purchase a calculator specified by the instructor.

8330 English 7-8

Prerequisite: IEP

Grade: 12 Credit: 1.0 English courses within the Individualized Education Department will implement an intensive reading intervention curriculum called Language! . Language! is a comprehensive core replacement curriculum that hits all five of the essential components of reading: Phonics, phonemic awareness, comprehension, fluency, and vocabulary. Language! covers reading, writing, and spelling. An overview of the Language! Program can be found at <http://www.voyagerlearning.com/language>. Classes are established based on levels A, B, C, D, E, & F within the program. Students typically progress through one level per school year. Levels are determined for each student on an individual basis.

8332 Work Skills Education 7-8

Prerequisite: IEP

Grade: 12 Credit: 1.0 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. As a work-related class for cooperative work experience, this course teaches entry level competencies for a variety of work situations. Areas of instruction include: general job-survival skills, such as 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 coop training agreement requirement. In Work Skills Education, the student is to become aware of the occupations that coincide with his interests and capabilities. At the completion of this course, each student should have definite plans as to the steps he will take after graduation to fulfill his vocational goals. (22153A001)

8334 Cooperative Work Experience 7-8

Prerequisite: IEP & con-current enrollment in Work Skills Ed

Grade: 12 Credit: 2.0 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: developing job skills as required at the training site; maintaining employment for a minimum of three months each semester; demonstrating job punctuality and attendance; performing clerical duties, including the completion of job station reports, training agreements, and time sheets; and job problem-solving, using effective communication techniques and meeting with the work study coordinator to monitor on-job performance. The goal of this class is for the student to gain part-time employment, and maintain that job with acceptable skills. This gives the student a chance to pick an area of work, apply, interview, and acquire employment. (22153A001)

Life Skills Program **(IEP Required)**

The Life Skills Program is a functional life skills program for students with cognitive disabilities. The program focuses on academic, vocational, and community training within the school and community setting. The goals of the program are to increase student independence, self-esteem and ability to socially engage with others in a variety of settings. Students are enrolled in the program from 8:30 – 2:30. Classes within the general education curriculum are determined at an Individualized Education Plan (IEP) meeting. Course Sequences for the program are:

8540 English

Functional Reading and Writing Skills

8545 Math

Functional Math Skills

8502 Community Living Skills

This course is designed to teach students to function as independently as possible in all areas of their community. Focus is on retail, restaurants, community facilities, recreational planning and community transportation.

8516 Physical Education

This class provides for increased independence in the areas of, exercise, group games, recreation, and leisure activities.

8504 Pre-Vocational Training 1

This course is an introduction to the world of work. The focus is on the importance of employment and the role of the student in gaining a job and maintaining it. Areas of instruction include: maintaining positive attitudes, following directions, asking for assistance, following a schedule, completing assigned tasks, communication skills and having pride in the work they are completing. Students will work towards their level of independence. Some students will require job coaching and minimal to moderate assistance on the job site. Job sites at this level will primarily be on the school campus.

Adult Living Program (9th – 12th)

The Adult Living Program is designed to prepare students for life after high school. The program stresses functional academic skills, life, and social skills. Within the Adult Living Program, the students participate in the Positive Actions for Student Success (PASS) program. The goal of PASS is to assist students in acquiring the skills they need in order to better manage their own behavior. ~9th – Reading Skills, Math, Social Studies, Health, Learning Strategies, HRC/Science ~10th –Reading Skills, Math, Social Studies, PE (gen. ed.), Learning Strategies, HRC/Science ~11th – Reading Skills, Math, Social Studies, PE (gen. ed), Learning Strategies, HRC/Science ~12th –Reading Skills, Community Living Skills, Work Skills, Co-op Work Experience, Learning Strategies, HRC

8456 Reading Skills

English courses within the Individualized Education Department will implement an intensive reading intervention curriculum called Language! . Language! is a comprehensive core replacement curriculum that hits all five of the essential components of reading: Phonics, phonemic awareness, comprehension, fluency, and vocabulary. Language! covers reading, writing, and spelling. An overview of the Language! Program information can be found at <http://www.voyagerlearning.com/language>. Classes are established based on levels A, B, C, D, E, & F within the program. Students typically progress through one level per

school year. Levels are determined for each student on an individual basis.

8460 Math

The focus of this course is functional math skills. IEP goals and data from progress monitoring tools are used to develop the curriculum for each student's individual needs.

8452 Geography

This course is designed to increase a student's knowledge in the areas of world culture, regions, climates, landforms, and the conservation of natural resources, topography and history.

8417/8418 Health

This course is designed to teach health, as it relates to the body system. Focus is on wellness, decision-making, relationships and personal responsibility.

8474 Human Relations and Communication

This course gives students an opportunity to participate in short lessons and activities which address the social skills needed to be more successful in high school. The overall goal of this course is to help build positive social skills and to help youths become responsible and respectable contributing member of their community.

8470 Civics/Government

This is a course in active citizenship designed to awaken the students to the world around them. Students will study the historical events leading to American independence, the writing and ratification of the U.S. Constitution. Students will focus on the U.S. Constitution, Illinois Constitution, the Flag, the Declaration of Independence, and economics.

8471 US History

The course is a chronological study of American History. The student will study national history in relation to today's society.

8426 /8428 Learning Strategies

This course is designed to provide academic support for students. Emphasis will be on meeting student's individual goals and objectives in their areas of need and providing accommodations as stated on their IEP.

8476 Community Living Skills

This course is designed to teach students to function as independently as possible in all areas of their community. The focus is on skills the students will need as they move towards adulthood and independent living.

8432 Work Skills Education

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 general job-survival skills and specific entry-level competencies. General job survival skills include (1) punctuality and attendance at school (2) appropriate communication techniques with authority figures (3) development of positive behaviors in interaction with co-workers (4) use of problem-solving skills to resolve conflict situations at school and work site (5) use of personal organization skills for budgeting time and following co-op training agreement (6) practicing basic safety and first-aid procedures. Specific entry level competencies include but are not limited to (1) basic building maintenance skills (2) Assemble/package setup and maintenance of work area and

assembly operations. (22153A001)

8434 Cooperative Work Experience

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: developing job skills as required at the training site; maintaining employment for a minimum of three months each semester; demonstrating job punctuality and attendance; performing clerical duties (job station reports, training agreements, and timesheet completion) and job problem-solving. Job Problem solving includes gaining effective communication techniques and on-the job performance monitoring with the work study coordinator. (22153A001)

Team Phoenix (IEP Required)

The Team Phoenix Program provides academic and social skills support each student needs to be successful in the high school setting and beyond. Areas addressed within the program are: social language skills, independent organizational skills, reading and responding to nonverbal cues, interpersonal relationships, advocating, handling emotions, behavior management, task completion, conversation and recreational/leisure skills. Students are enrolled in Human Relations and Communication and/or Learning Strategies. Students in the program also attend a bi-weekly social skills group that is co-implemented with a school social worker and speech pathologist.

TARGET Program

Jeff Heidorn: Behavioral Interventionist

Resource Program (IEP Required):

The Resource Program is a program designed to assist students who can manage their own behavioral and emotional needs with minimal assistance. Students in the Resource Program can request to come in if they are having issues with peers or teachers, or just having a bad day in general. Behavioral or emotional coaching will take place to assist the student in attending classes for the remainder of the day. Students in the Resource Program can also be sent in any time a student is disruptive, disrespectful, continuously off task (i.e., sleeping in class), or if the student appears to need emotional support. The student will stay in the Resource Program classroom for the remainder of the hour. During that period, the student will meet with a Resource Program teacher or assistant to discuss the situation and develop a plan to improve his or her day. Student conferences will also take place where the teacher and student assess all facets of the students' progress in school. Staff members will assist students in earning credit towards a high school diploma.

Self-Contained Program (IEP Required):

The Self-Contained Program is designed to assist students that need constant behavioral and emotional support. Students are offered support through trained teachers, a behavioral interventionist, and a social worker when needed. Students will attend all classes in this program. They will also begin the program by eating lunch in the classroom. Classroom expectation points are taken each hour and based on six different categories. After six weeks, which is the proven time it takes to change a behavior, the student and the Behavior Interventionist will conference to determine whether or not the student has earned the certain incentive agreed upon by both. In order to earn the incentive, the student must average an 80% or higher in all six categories and in ALL classes. Students will document their own behavioral points and keep track of their successes. Our ultimate goal in this program is to help assist students be successful in the high school setting, earn credit towards a high school diploma, and become positive members of our community.

Mathematics Course Options

Please check the required prerequisites for each course

Grade	Mathematics Course Options			
	Plan I	Plan II	Plan III	Plan IV
	Honors (8 th Grade Algebra Credit & Cut Score)	Honors – Double	Honors	Advanced (8 th Grade Algebra Cut Score)
9	Geometry H	Algebra I H Geometry H	Algebra I H	Geometry Adv
10	Algebra II H	Algebra II H	Geometry H	Algebra II Adv
11	AP Trig/Pre-Calc H	AP Trig/Pre-Calc H	Algebra II H	Trig/Pre-Calculus
12	Calculus AP	Calculus AP	AP Trig/Pre-Calc H	AP Statistics
Electives	AP Stats (11, 12) AP Computer Science A (10, 11, 12)	AP Stats (11, 12) AP Computer Science A (10, 11, 12)	AP Stats (12) AP Computer Science A (11, 12)	AP Computer Science A (11, 12)
	<ul style="list-style-type: none"> ● Students participating at feeder schools with approved high school Algebra course credit and/or cut score may be eligible for Plan I and/or IV ● Electives can be taken concurrently with the grade levels listed 			

Grade	Plan V	Plan VI	Plan VII
9	Algebra I Adv	Algebra I	Intro to Alg. 1-2
10	Geometry Adv	Geometry	Intro to Alg. 3-4
11	Algebra II Adv	Algebra II	Geometry 5-6
12	Trig/Pre-Calc	Algebra II Adv Discrete	Algebra I Algebra I Adv
Electives	AP Computer Science A (12) AP Stats (12)	<ul style="list-style-type: none"> ● Electives can be taken concurrently with the grade levels listed for Plan V 	

Math Department Calculator Guidelines:

In all math classes, the teachers will be demonstrating using **Texas Instruments** calculators. Students choosing to use other brands will be responsible for knowing how to use their calculators. See notes for each class to find the recommended type.

Students in the Advanced or Honors track are encouraged to purchase the TI-84 graphing calculator for use during all 4 years, although it is not a requirement for all classes. This calculator is also acceptable for use on the SAT/ACT test. If you are unsure of the model, leave it in the package and bring it to the appropriate math teacher.

Course	Calculator Requirements
Intro Algebra 1-2, Algebra I, Intro Algebra 3-4, Geometry 5-6,, Geometry, Algebra II, Discrete	TI-30XS MultiView Recommended Any scientific calculator acceptable
Algebra I Advanced, Algebra I Honors, Geometry Advanced, Geometry Honors, Algebra II Advanced	TI-84 Plus CE graphing calculator Recommended Any scientific calculator acceptable
Algebra II Honors, Trig/Pre-Calculus, AP Trig/Pre-Calculus Honors, Calculus, Statistics	TI-84 Plus CE graphing calculator Recommended Graphing calculator required

Mathematics Department
Rebecca Schrader, Chairperson
Fees: Semester fees are charged in math classes

6101 Algebra I Advanced

Prerequisite: East math placement test.

Grade: 9 Credit: 1.0 The study of algebraic operations, factoring, linear and quadratic equations and inequalities, exponents, functions and graphs. Designed for students with a good mathematical background. (Advanced)

6126, 6127 Algebra I Advanced Lab

Prerequisite: Department Chair and counselor approval

Grade: 9 Credit: .5 A complimentary course to Algebra I Advanced 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.

6102 Algebra I Honors

Required: An appropriate score on East math placement test or 90%tile on standardized test.

Grade: 9 Credit: 1.0 This course covers the same material as Algebra I Advanced but with an increased depth and difficulty of problems. Numerous supplementary topics from Algebra II are included in the curriculum. This course is for students in the upper 10% on a national standardized math test. (Honors)

6100 Algebra I

Prerequisite: East math placement test.

Grade: 9 Credit: 1.0 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. (General)

6108 Introduction to Algebra 1-2

Prerequisite: Counselor permission

Grade: 9 Credit: 1.0 This course emphasizes the fundamental operations with whole numbers, decimals, and fractions along with basic algebra skills. Students enrolled in Introduction to Algebra Title must also be enrolled in the Introduction to Algebra MATH LAB class course 6124. (Title One Services)

6128/6129 Introduction to Algebra MATH LAB

Prerequisite: Automatic enrollment with course 6108

Grade: 9 Credit: .5 A complimentary course to Introduction to Algebra 1-2 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 remediation programs, small group instruction, study skills, organization skills, and math vocabulary acquisition. Students enrolled in Introduction to Algebra Title Math LAB must also be enrolled in course 6108. It will be offered in place of a study hall. (Title One Services)

6211 Geometry Advanced

Prerequisite: Grade of “C” or better in Algebra I Adv.

Grades: 10 Credit: 1.0 Study of relationship of lines, polygons, circles, and triangles. Area and volume of shapes are discussed. This course is a proof based study. (Advanced)

6212 Geometry Honors

Prerequisite: Grade of “B” or better in Algebra I Honors or Dept. Chair approval with East placement test.

Grade: 9 or 10 Credit: 1.0 The study of the relationship of lines, polygons, and circles with an increased depth and difficulty of problems, especially proofs. (Honors)

6216 Introduction to Algebra 3-4

Prerequisite: Intro Algebra 1-2

Grade 10 Credit: 1.0 The course is a continuation of the first year title course. Algebra skills involving equations, graphing, rational expressions and exponents will be included. (Title One services)

6210 Geometry

Prerequisite: Algebra I or Algebra I Advanced

Grades: 10 and 11 Credit: 1.0 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. (General)

6325 Geometry 5-6

Prerequisite: Teacher Recommendation or Intro Algebra 3-4

Grades: 11 Credit: 1.0 Basic Geometry course where such topics as angles, triangles, parallel lines, polygons, area and volume are studied. This course does not meet the NCAA college admission requirement for geometry. (Title One Services)

6317 Algebra II

Prerequisite: Geometry or Geometry Adv.

Grades: 11 and 12 Credit: 1.0 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. (General)

6321 Algebra II Advanced

Prerequisite: Grade of ‘C’ or better in Algebra I Adv. AND Geometry Adv.

(Geometry does not meet the prerequisite for this course.)

Grades: 11 and 12 Credit: 1.0 This is the second year of Algebra. Many of the same topics of Algebra I will be covered but with much greater detail. Additional topics such as matrices, logarithms, polynomial functions, sequences and series are discussed. (Advanced)

6322 Algebra II Honors

Prerequisite: Grade of “B” or better in Geometry Honors or teacher recommendation

Grades: 11 and 12 Credit: 1.0 Covers the same material as Algebra II Advanced with an increased depth and difficulty of problems plus additional units of combinatorics and trigonometry. Graphing calculators are required. (Honors)

6229 AP Computer Science A

Prerequisite: Algebra II with an “A,” completion of Algebra II Advanced or higher, concurrent enrollment in Algebra II Honors or above, completion of AP Computer Science Principles, or teacher recommendation

Grade: 10, 11, 12 Credit 1.0 (Honors) AP Computer Science A covers basic programming topics such as input/output methodology, decision control, and iterating constructs using Java language. The foundational computer science data structures and algorithms are covered. The goal of this course is to prepare students for the Advanced Placement Computer Science A exam.

6155 Discrete Math

Prerequisite: Algebra II Advanced or Algebra II with a C or better

Grade: 12 Credit: 1.0 This course will focus on mathematical skills needed for future success in college or one's personal life. Emphasis will be on the practicality of the concepts. Each unit will focus on real world applications. Units focusing on Algebra, Geometry, Trigonometry, Statistics, Consumer Math/Finance, Statistics, Combinatorics, Probability will be included. Students that earn a “C” or higher in this course are guaranteed automatic entry to a general education math course at SWIC, such as SWIC’s Math 107 or 111, without taking any additional placements tests or developmental coursework prior to enrollment.

6330 Trigonometry/Pre -Calculus

Prerequisite: Grade of ‘C’, with 75% or better in Algebra II Advanced Grade: 12 Credit:

1.0 The course is designed for seniors who want to better prepare themselves for performance in College Level Mathematics including Calculus. The course covers College Algebra, Trigonometry, Functions, Sequences, Series, Statistics, Probability, Pre-Calculus, Conics and other topics. Graphing Calculators are required. (Advanced)

6334 AP Trigonometry/Pre -Calculus Honors

Prerequisite: Grade of ‘B’ or better in Algebra II H or Trigonometry/Pre -Calculus Grades:

11 and 12 Credit: 1.0 This honors level course completes the strong foundation a student needs for rigorous college-level math courses. Although topics from various math disciplines are studied, a strong emphasis is placed on calculus-related topics. The course concludes with an introduction to calculus. Graphing calculators are required. Students enrolled in this course are encouraged to take the College Board Advanced Placement exam. (Honors)

6335 Calculus Advanced Placement BC SLU Dual Credit Prerequisite: Trigonometry/Pre -Calculus Honors and Dept. Chair Approval Grade: 12 Credit: 1.0

The material covered is equivalent to two semesters of college level calculus. Students enrolled in this course are expected to take the College Board Advanced Placement Calculus exam (BC version) in May of their senior year. (Honors)

6336 Calculus Advanced Placement AB

Prerequisite: Trigonometry/Pre -Calculus Honors and Dept. Chair Approval Grade: 12

Credit: 1.0 The material covered is equivalent to one semester of college level calculus. Students enrolled in this course are expected to take the College Board Advanced Placement Calculus exam (AB version) in May of their senior year. (Honors)

6340 Advanced Placement Statistics

Prerequisite: Grade of “A” or higher in Algebra II Advanced or “C” or higher in Algebra II Honors and Teacher recommendation. (Juniors must take concurrently with AP Trig/Pre-Calc. Honors) Seniors may take concurrently with Trig/Pre-Calc or Calculus

****Any student interested in entering the STEM fields should still enroll in Trig/Pre-Calc. and/or Calculus their senior year.**

Grade: 11 and 12 Credit: 1 The AP Statistics course is equivalent to a non-calculus-based college course in Statistics. The course introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. There are four themes in the AP Statistics course: exploring data, sampling and experimentation, anticipating patterns, and statistical inference. Students use technology, investigations, problem solving, and writing as they build conceptual understanding. Students enrolled in this course are expected to take the College Board Advanced Placement Statistics exam in the Spring. (Honors)

Music Department

Jenny Hotze – Wilton, Chairperson

Music Courses are taken in addition to other courses.

- Auditions with the Music Department are required for some courses and programs.
-One and a half periods of Vocal music may be substituted for Physical Education. However, one semester of Health is required for graduation. Health is offered in Summer School. -Marching Band can be substituted for Physical Education. However, one semester of Health is required for graduation. Health is offered in Summer School.
- Music performance course grades are not part of the GPA. However, they are recorded and are part of a student's permanent transcript. Grades for Fundamentals of Music Theory (1930) and Music Appreciation (1983) ARE part of the GPA.

1900 Lancer Marching/Wind Ensemble

Prerequisite: Audition with Band Director

Grades: 9, 10, 11, and 12 Credit: 1.0 Students in the Marching Band/Wind Ensemble are required to participate in a band camp prior to the opening of the fall semester and all marching and concert performances. Some school owned instruments are available for student use. Some instrumentation restrictions may apply. Students must participate in the Marching Band in order to be eligible for Wind Ensemble. Rehearsals for Marching Band during the first part of the fall semester are after school on Tuesdays and Thursdays. In addition, percussion and color guard will meet one evening per week. Wind Ensemble is selected by audition. The Wind Ensemble performs very advanced high school to college level concert band literature. In addition to the marching season, the Wind Ensemble performs three formal concerts per year and participates in IHSA contest.

1906 Jazz Band/Lunch

Prerequisite: Open to students who are enrolled in courses 1900 or 1912 and play saxophone, trumpet, trombone, piano, bass, or percussion. Students who play guitar may be in a jazz band without enrolling in 1900 or 1912.

Grades: 9, 10, 11, and 12 Credit: .5 Fundamentals of jazz, improvisation, and jazz theory are covered. Interested guitarists and keyboard players should speak to the director prior to spring auditions.

1858 Lancer Marching/Symphonic Wind Ensemble

Prerequisite: Audition with Band Director

Grades: 9, 10, 11, and 12 Credit: 1.0 See course description 1900.

This course number is for Color Guard members.

1912 Lancer Marching/Symphonic Band

Prerequisite: Audition with Band Director

Grades: 9, 10 Credit: 1.0 Students in Marching Band/Symphonic Band are required to participate in a band camp prior to the opening of the fall semester and specific marching and all concert performances. Some school owned instruments are available for student use. Some instrumentation restrictions may apply. Students must participate in Marching Band in order to be eligible for Symphonic Band. Rehearsals for Marching Band during the first part of the fall semester are after school on Tuesdays and Thursdays. In addition, percussion and color guard will meet one evening per week. Symphonic Band is selected by audition. The Symphonic Band performs early to medium high school level concert band literature. In addition to the marching season, the Symphonic Band performs three formal concerts per year and

participates in IHSA contest.

1918 Lancer Marching/Symphonic Wind Ensemble

Prerequisite: Audition with Band Director

Grades: 9, 10, 11, and 12 Credit: 1.0 See course description 1900.

This course number is for percussionists.

1919 Lancer Marching/Symphonic Wind Ensemble

Prerequisite: Audition with Band Director

Grades: 9, 10, 11, and 12 Credit: 1.0 See course description 1900.

This course number is for advanced percussionists.

1981 Concert Jazz Orchestra/Lunch

Prerequisite: Open to students who are enrolled in courses 1900 or 1912 and play saxophone, trumpet, trombone, piano, bass, or percussion. Students who play guitar may be in a jazz band without enrolling in 1900 or 1912.

Grades: 9, 10, 11, and 12 Credit: .5 Belleville East's premiere jazz ensemble. Advanced fundamentals of jazz, improvisation, and jazz theory are covered. Interested guitarists and keyboard players should speak to the director prior to spring auditions.

1857 Lunch/Jazz Band

Open by audition only to members of the Lancer Marching/Symphonic Band or by consent of the director.

Grades: 9, 10, 11, and 12 Credit: .5 Fundamentals of jazz, improvisation, and jazz theory are covered. Interested guitarists and keyboard players should speak to the director prior to spring auditions.

1800: Mixed Chorus/Lunch

Prerequisite: None

Grades: 9, 10, 11, and 12 Credit: .5 Open to all students interested in singing. Fundamentals of singing, sight singing, and music theory are covered. Students are required to participate in performances including evening concerts.

1952 Advanced Mixed Chorus

Prerequisite: None

Grades: 9, 10, 11, and 12 Credit: 1.0 Open to all students who already have some basic music reading and singing skills (no audition necessary). Class will include advancement of fundamental music skills. Students are required to participate in all performances including evening concerts. It is recommended that students who wish to advance to Treble Choir and/or Concert Choir be enrolled in Advanced Mixed Chorus and Mixed Chorus during the freshman year.

1939: Lunch/Upper Mixed Chorus

Prerequisite: Successful completion of Mixed Chorus or an equivalent.

Grades: 10, 11, and 12 Credit: .5 Music fundamentals and music reading are stressed. Evening performances are required as a part of this class.

1958: Lunch/Bass Choir

Prerequisite: None

Available to all students by consent of the instructor.

Grades: 9, 10, 11, and 12 Credit: .5 This class explores a variety of literature for the male voice. Fundamentals of singing, sight singing, and music theory are reinforced. Students in bass choir are required to participate in all performances including several evening concerts.

1955 Treble Choir

Prerequisite: Audition or consent of instructor

Open to students by theory placement test, audition, and consent of the director. Grades: 10, 11, and 12 Credit: 1.0 Students in Treble Choir are required to participate in all performances and contests. A wide variety of music is studied, as are music terminology and music history. Advanced music reading skills are required.

1987: Vocal Jazz /Lunch

Prerequisite: Audition or consent of instructor

Grades 10, 11, and 12 Credit: .5 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.

1970 Concert Choir

Prerequisite: Audition or consent of instructor

Grades: 10, 11, and 12 Credit: 1.0 Students in Concert Choir are required to participate in all performances and contests. A wide variety of music is studied, as are music terminology and music history. Advanced music reading skills are required.

1930 Fundamentals of Music Theory

Prerequisite: Participation in music performance ensembles at Belleville East

Grade Level: 11, 12 Credits: .5 Course Level: General

This is a beginner's course in reading music notation, understanding keys, scales and chords, including an introduction to the keyboard and composition. 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.

1983 Music Appreciation

Prerequisite: Participation in music performance ensembles at Belleville East

Grade Level: 11, 12 Credits: .5 Course Level: General

This course presents a survey of Western music from the Middle Ages through the present. In addition to learning 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 concert reports and/or research papers will be required. This class is dual credit through SWIC and students can earn three college credits upon successful completion.

Physical Education/Driver Education/Health Dept

Brian Geluck, Chairperson

All students must be enrolled in Health Education ONE semester and Physical Education SEVEN semesters of their high school career.
Driver Education may substitute for one semester of Physical Education if taken at Belleville East.
Students are required to PASS 6 semesters of Physical Education/Health/Driver Education cluster of classes.

Note: P.E. course grades are NOT part of the G.P.A.

However, they are recorded and are part of a student's permanent transcript.

5107, 5108 Health

Prerequisite: None

Grade: 9, 10, 11, and 12 Credit: .50 Health education is the vehicle that imparts knowledge, examines attitudes, and formulates lifestyle behaviors that help each student maximize her/his 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 the 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.

5507/5517 – 5508/5518 Driver Education

Prerequisite: Passing grades in 8 courses during the previous 2 semesters and “C” average in the previous semester.

This course is available strictly on the basis of age; cut-off dates vary year to year based on enrollment.

Grades: 10, 11, and 12 Credit: .50 Both classroom and behind the wheel, is offered to students during this one semester course. The course covers driving-related topics that include: license, the highway transportation system, basic car control, state laws, signs, signals, pavement markings, intersections, decision making, driver condition, owning a car, maintenance, emergencies, and weather conditions as well as many other topics. Illinois law requires that in order for public or private school students to be eligible for Driver Education, that student must have received a passing grade in at least eight courses during the previous two semesters.

Note: The student must meet time requirements according to state law; therefore, regular attendance is mandatory. Students are also required to purchase a driver's permit from the State of Illinois for \$20 the first week of class. (Also, a Behind-the-Wheel Driving Fee required on textbook pickup day)

Physical Education Requirements and Procedures

** All students are required to wear a physical education uniform. These uniforms are being sold at the East bookstore at a fee of \$14.00 (this includes both t-shirt and shorts).*

** All students will be assigned their own individual locker in the Physical Education locker rooms. Students may leave their Physical Education uniform in these lockers for the semester they are enrolled in the class. All students are responsible for having their own lock for this locker as the school is NOT responsible for lost or stolen property.*

** Due to cooler weather in outdoor activities the uniform will consist of navy/gray/black sweatpants and a gray/navy sweatshirt. Students must come to class with their PE shorts and t-shirt on. Once it is time to go outside for the activity they may put on outdoor clothing.*

** Footwear will be limited to tennis shoes or workout shoes that provide the proper support for the foot and have soles which promote traction, and do not make marks on the gym floor. * Any jewelry or body piercing which could cause injury to the student or other students in the activity will be prohibited. All ornamental jewelry inside the mouth lip, eye, nose, etc. must be covered or removed.*

** Fingernails need to be cut to a safe length for all activities.*

** Students enrolled in a cooperative work program, marching band or in two performing musical groups will not be required to enroll in physical education.*

5001, 5002, Freshmen Physical Education

Prerequisite: None

Grade: 9 Credit: .50 This freshmen level program is planned around coeducational and team activities. The students will develop knowledge in team sports, individual sports and fitness activities. These activities will benefit a student's physical activity to health and wellness in order to become independent and more physically fit individuals.

5111, 5112 Athletic Physical Education

Prerequisite: Teacher recommendation

Grades: 10, 11, and 12 Credit: .50

This course is a male and female planned course that incorporates high levels of weight training knowledge with cardiovascular training geared toward the Varsity Athlete. In this class, students will be able to improve their total all around strength and physical condition whether it involves weight loss, increasing muscle mass and dexterity, decreasing body fat percentage, or simply gaining flexibility. Students will be expected to participate in the weight room 3 days a **week** and any combination of running, plyometric exercises, and other aerobic/anaerobic workouts the other 2 days.

5117, 5118 Co-Ed Individual Sports

Prerequisite: None

Grades: 10, 11, and 12 Credit: .50 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. If available, off-campus activities include golf and bowling units (additional course fee required).

5221, 5222 – Strength & Conditioning

Prerequisite: None

Grades: 10, 11, 12 Credit: .50 This course is a planned course that incorporates moderate levels of weight training and cardiovascular training geared toward the student who wants to get fit or stay fit. In this class students will be able to improve their overall fitness levels and set personal goals. Students enrolled in this class will typically be in a weight room 2-3 days a week and work on cardiovascular (aerobic/anaerobic) health the other days

5225, 5226 Personal Fitness

Prerequisite: None - Classroom / Lab

Grade: 12 Credit: .50 This course is geared toward 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 of improving those levels. The class will engage in classroom and lab/fitness sessions.

5227, 5228 Introduction to Officiating

Prerequisite: None - Classroom / Lab

Grade: 12 Credit: .50 This course is designed to provide the students with the basic knowledge and expertise necessary to officiate in physical education classes, intramurals, and interscholastic contests. Students will learn the basic fundamental skills of officiating as well as the rules and mechanics of **basketball**, football, soccer, baseball/softball, and volleyball. The course will engage students in both classroom sessions and hands on work for the various athletic playing surfaces.

Science Department Course Offerings

1st year	2nd year	3rd year	4th year
2000 Biology Honors 1 2110 Biology 1 2102 Biology Core 1	2103 Biology Core 2 2120 Biology 2 2020 Biology Honors 2 2200 Physical Science 2620 Chemistry 2510 Chemistry Honors	2020 Biology Honors 2 2120 Biology 2 2200 Physical Science 2230 AP Env. Science 2300 Forensic Science 2302 Forensic Sci Honors 2350 AP Biology 2352 Human Anatomy 2510 Chemistry Honors 2620 Chemistry 2630 Physics 2631 AP Physics 1 2750 AP Chemistry 3901 Veterinary Science	2020 Biology Honors 2 2120 Biology 2 2200 Physical Science 2230 AP Env. Science 2300 Forensic Science 2302 Forensic Sci Honors 2350 AP Biology 2352 Human Anatomy 2510 Chemistry Honors 2620 Chemistry 2630 Physics 2631 AP Physics 1 2633 AP Physics 2 2750 AP Chemistry 3901 Veterinary Science

Biology & Physical Sciences Department

Jeff West, Chairperson

Fees: Semester lab fees are charged in all Science classes

2000 Biology Honors 1

Prerequisite: Appropriate score on East math placement test and 8th grade teacher recommendation

Grade: 9 Credit: 1.0

This is the first in a series of honors-level courses. Topics include the nature of science, general chemistry, cell structure and function, energy use in cells, DNA and genetics, evolutionary biology, taxonomy, and a brief survey of some of the kingdoms of life. This course is fast-paced and geared for self-motivated students. (Honors)

2110 Biology 1

Prerequisite: None

Grade: 9 Credit: 1.0

This is our standard first-year science course. This course involves the study of plants and animals for a working knowledge of the structures and functions of organisms and the biological and chemical principles known to be active in maintaining life. Topics include basic chemistry, cells, genetics, evolutionary biology, and an overview of the different kingdoms of life. (College Prep)

2102 Biology Core 1

Prerequisite: 8th grade teacher recommendation, test scores, and Department Chair approval

Grade: 9 Credit: 1.0

In Biology Core, students will study the topics covered in the first semester of Biology. In the process of studying these various topics, students will engage in laboratory activities that will require them to apply scientific principles and use basic laboratory equipment. More in-depth reading skills practice is incorporated into the Biology Core curriculum. Biology Core will allow enrolled students to refine their reading, writing, organizational and study skills. Students in Biology Core will benefit from lower student/teacher ratios and greater individualized instruction.

2103 Biology Core 2

Prerequisite: Biology Core, test scores, and Department Chair approval

Grade 10 Credit: 1.0

In Biology Core 2, students will study the topics covered in the second semester of Biology. In the process of studying these various topics, students will engage in laboratory activities that will require them to apply scientific principles and use basic laboratory equipment. More in-depth reading skills practice is incorporated into the Biology Core curriculum. Biology Core will allow enrolled students to refine their reading, writing, organizational and study skills. Students in Biology Core will benefit from lower student/teacher ratios and greater individualized instruction.

2020 Biology Honors 2

Prerequisite: B or better in Honors Biology, completion of Chemistry is highly recommended.

Grades: 10, 11, and 12 Credit: 1.0

This course can be either a second, third, or fourth choice in the science honors sequence. This course will move at a faster pace and include more in-depth investigations than the Biology 2 course. This course includes topics on plant life, animal life, and the ecology of Illinois. Topics include identification and ecological relationships of plants and animals to themselves and the rest of their environment. Extended outdoor lab experiences are a required part of the curriculum. Above average students with a high interest in biology/ecology. (Honors)

2120 Biology 2

Prerequisite: Successful completion of Biology, Physical Science or Chemistry

Grades: 11 and 12 (10th grade w teacher rec) Credit: 1.0

This course includes topics on plant life, animal life, and the ecology of Illinois. Topics include identification and ecological relationships of plants and animals to themselves and the rest of their environment. Extended outdoor lab experiences are a required part of the curriculum. (College Prep)

2200 Physical Science

Prerequisite: Successful completion of Biology and Algebra I

Grades: 10, 11, 12 Credit: 1.0

Physical science is a course that will survey the areas of earth/space science, physics, and chemistry. This course is designed for students desiring a comprehensive background in the physical sciences with a less in-depth treatment than is offered in our Chemistry or Physics courses. It is highly suggested that sophomores not enrolling in Chemistry take the Physical Science course. This course should be taken before the Chemistry or Physics courses. (College Prep)

2230 AP Environmental Science SLU Dual Credit

Prerequisite: Grade of “B” or better in both Biology and Chemistry.

Grade 11, 12 Credit: 1.0

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. (Honors)

2300 Forensic Science

Prerequisite: Successful completion of Biology, and either Physical Science or Chemistry

Grade Level: 11, 12 Credit: 1.0

Forensic Science is a course that integrates several areas of science. This course is designed for students desiring to apply many of the science skills they have learned in their other science courses or seeking a career in forensic science. Areas of study will include forensic careers, crime scene investigation, physical evidence analysis, forensic entomology, along with guest speakers from the community.

2302 Forensic Science Honors SLU Dual Credit

Prerequisite: Grade of “B: or better in all previous honors science courses or “A” in regular science course or instructor approval.

Grade Level: 11, 12 Credit: 1.0

Forensic Science is a course that integrates several areas of science. This course is designed for students desiring to apply many of the science skills they have learned in their other science courses or seeking a career in forensic science. Areas of study will include forensic careers, crime scene investigation, physical evidence analysis, forensic entomology, along with guest speakers from the community. This course is fast-paced and geared for self-motivated students. Additionally, this course is eligible for dual credit through Saint Louis University. (Honors)

2350 Advanced Biology AP SLU Dual Credit

Prerequisite: B or better in both Biology and Chemistry

Grade: 11, 12 Credit: 1.0

This is an Advanced Placement course and follows the objectives of a general biology course on the college level. Additionally, this course is eligible for dual credit through Saint Louis University. There is an emphasis on biochemistry, cellular and molecular biology, and comparative anatomy of plant and animal tissues. This course is oriented for the self-motivated student with an interest in biology. (Honors)

2352 Human Anatomy/Physiology

Prerequisite: B or better in both Biology and Chemistry

Grades: 11, 12 Credit: 1.0

This is a third or fourth choice in the science honors sequence. This course takes students through the structure and function of the human body. The course is designed for students desiring a background related to fields of nursing, therapy and laboratory technology, or those desiring more understanding of their own physical makeup. This course complements material covered on the AP Biology test. Dissection is an expected part of the course curriculum. (Honors)

2620 Chemistry

Prerequisite: C or better in both Biology and Algebra I Advanced (or Algebra I & Geometry)

Grades: 10, 11 Credit: 1.0

This is a college preparatory course in chemistry. Topics such as matter and energy, atomic structure, chemical reactions, chemical bonding, acids and bases, and carbon chemistry are covered. New topics are introduced through laboratory experiments if possible. The relevance of chemistry in the daily lives of people is emphasized as new theories are being introduced. A scientific calculator is needed. (Advanced)

2510 Chemistry Honors

Prerequisite: B or better in both Biology Honors and Algebra I Honors Grade: 10, 11 Credit: 1.0

This is the second choice in the series of honors courses. This course covers the same topics as the course Chemistry with additional enrichment topics. A serious attempt is made to make this an “experimental” course. Students are introduced to topics through laboratory experiments when possible. Critical thinking about their observations and interpretation of laboratory results are emphasized. This course will provide a sound background for the Advanced Chemistry course. A scientific calculator is needed. (Honors)

2630 Physics

Prerequisite: Biology, Chemistry, and a grade of C or better in Geometry Advanced

Grades: 11, 12 Credit: 1.0

Physics is a comprehensive course covering many interesting ideas of the physical universe. Concepts covered include speed, forces, friction, heat, light, optics, electricity, and magnetism. This laboratory-oriented course will provide a strong background for students intending to pursue careers in science, technology, and the business community. Scientific calculator is needed. (Advanced)

2631 AP Physics 1 Honors SLU Dual Credit

Prerequisite: B or better in: Biology Honors, Chemistry Honors and Geometry Advanced

Grades: 11, 12 Credit: 1.0

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. Additionally, this course is eligible for dual credit through Saint Louis University. (Honors) A scientific calculator is needed. (Honors)

2750 Advanced Chemistry AP SLU Dual Credit Prerequisite: A in Chemistry or B or better in Chemistry Honors

Grade: 11, 12 Credit: 1.0

This course is an Advanced Placement course and meets the objectives of a general chemistry course on the college level. Additionally, this course is eligible for dual credit through Saint Louis University. Descriptive material is used as the framework of a discussion of fundamental principles and concepts. Topics introduced in the first-year chemistry course are covered more comprehensively and quantitatively. Concepts are introduced or expanded in the laboratory. The laboratory experiments employ more sophisticated equipment than the first-year course. Experiments are quantitative. A strong mathematics

background is recommended. Additionally, this course is eligible for dual credit through Saint Louis University. (Honors) A scientific calculator is needed. (Honors)

2633 AP Physics 2 Honors SLU Dual Credit Prerequisite: Grade B or better in AP Physics 1 Honors; Concurrent enrollment in Pre-Calculus/Trigonometry

Grade: 12 Credit: 1.0

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. (Honors)

3901 Veterinary Science

Prerequisite: Successful completion of Biology, and either Physical Science or Chemistry

Grade Level: 11, 12 Credits: 1.0

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, veterinary office practices, and animal services to humans. Career exploration will focus on veterinarian, veterinary lab technicians, office lab assistant, small animal production, research lab assistant, and animal nutrition lab technician. 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. (18105A000)

SOCIAL STUDIES DEPARTMENT
COURSE SEQUENCES

9 th Grade	10 th Grade	11 th Grade	12 th Grade
<p>AP Human Geography (Honors)</p> <p>World Geography (College Prep)</p> <p>World History (Honors)</p> <p>World History (College Prep)</p> <p>World History (Core)</p>	<p>Civics (Honors)</p> <p>Civics (College Prep) Civics (Core)</p> <p><i>*Each 10th grade course fulfills two requirements for graduation. First semester fulfills the consumerism requirement and second semester fulfills the government requirement. Students are required to pass tests on the flag, Declaration of Independence, Illinois Constitution and United States Constitution in order to receive graduation credit during the second semester.</i></p>	<p>American Studies (Honors credit for History and English)</p> <p>U.S. History (Honors)</p> <p>U.S. History (College Prep)</p> <p>U.S. History (Core)</p> <p>Psychology (AP)</p> <p>Psychology (College Prep)*</p> <p>Sociology (College Prep)*</p> <p>Global Issues (Honors)*</p> <p><i>*American Studies and all levels of U.S. History fulfill the graduation requirement for U.S. History.</i></p>	<p>American Government (College Prep)*+</p> <p>American Problems (College Prep)*#</p> <p>Psychology (AP)</p> <p>Psychology (College Prep)*</p> <p>Sociology (College Prep)*</p> <p>Sociology (Honors)*</p> <p>Global Issues (Honors)*</p> <p><i>*Semester course. +Fulfills graduation requirement for government. Students are required to pass tests on the flag, Declaration of Independence, Illinois Constitution and United States Constitution in order to receive graduation credit. #Fulfills graduation requirement for consumerism.</i></p>

Social Studies Department

Katie Hoerner, Chairperson

Fees: Semester lab fees are charged in Social Studies classes

7119 World Geography 1-2

Prerequisite: None

Grade: 9 Credit: 1.0 This course studies the people of the world and their ways of life. Different geographic themes will be utilized to enhance student understanding of the United States and other regions of the world. Students will learn about world cultures, regions, history, and study maps to learn about the physical features on earth, climates, the conservation of natural resources, and topography. Through this course, students will also have a better understanding of the increased globalization of the world. (College Prep).

AP Human Geography 1-2

Prerequisite: Students must have their 8th grade teacher's recommendation. **Grade: 9 Credit:**

1.0 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)

7111 World History 1-2

Prerequisite: None

Grade: 9 Credit: 1.0 This course includes the study of civilization from the beginning of recorded time to the present. During the first semester, the development of early civilizations to 1500 A.D. is examined. The political, religious, economic, geographic, and cultural aspects of different world civilizations are emphasized including those in China, Europe, Africa, India, and Japan. Second semester traces the rise of modern civilizations since the 16th Century. Topics include technological advancement, nationalism, revolutions, and war. Art, literature, philosophy, and music of the time periods are included throughout the course. (College Prep)

7113 World History 1-2 Honors

Prerequisite: Students must have their 8th grade teacher's recommendation. **Grade: 9 Credit:**

1.0 This course will cover the same topics as World History but in greater depth and is reading and writing intensive. Primary source document analysis, essays, and various research based projects, are major components of this course. This course is available for students who are above average in writing and deductive reasoning skills. Enrollment in Honors English is encouraged. (Honors)

7114 World History 1-2 Core

Prerequisite: 8th grade teacher and Social Studies Department Chair recommendation.

Grade: 9 Credit: 1.0 This course will cover the same topics as World History. 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. (General)

CIVICS

Students who enroll in any of the Civics options will fulfill the graduation requirements of both consumer education and the state Civics requirement. Students may choose from one of the three options listed below.

First Option

7000 Civics 3-4: Consumers and Government

Prerequisite: None

Grade: 10 Credit: 1.0 Civics is designed to prepare students to become active participants in our democracy. Civics/Consumers, in the first semester, fulfills the consumer education requirement for graduation and covers topics such as: supply and demand, economic systems, careers, budgeting, banking, taxation, saving, investing and credit. Civics/Government, in 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. Civics/Government requires students to pass the course and an Illinois Constitution test in order to meet the government component for graduation. (College Prep)

Second Option

7001 Civics 3-4 Honors: Consumers and Government

Prerequisite: Students must have a “B” or better in World Geography (H) or World History (H) and have their teacher’s recommendation. Students must have an “A” in World Geography or World History and have their teacher’s recommendation to move from World Geography or World History to Civics (H).

Grade: 10 Credit: 1.0 This course will cover the same topics as Civics but in far greater depth. Students will be expected to demonstrate their critical thinking and writing skills by completing a Supreme Court research project in the second semester. In addition, students will write numerous analytical essays based on primary source research throughout the course and complete a variety of other assignments/projects that are not assigned in Civics. A substantial workload reflects the honors credit. Enrollment in English (Honors) is encouraged. (Honors)

Third Option

7002 Civics 3-4 Core: Consumers and Government

Prerequisite: Social Studies Teacher Recommendation.

Grade: 10 Credit: 1.0 This course will cover the same topics as Civics. This class allows those students to improve and refine their skills within the standard curriculum at a somewhat slower pace. Placement in this course will be determined by a conference between the student, his/her counselor, the instructor and Social Studies Department Chair recommendation. This class is not NCAA approved. (General)

UNITED STATES HISTORY

The Social Studies Department allows four options to meet District 201's graduation requirement of one year of study of United States History. Students may choose from one of the four options listed below.

First Option

7200 United States History 5-6

Prerequisite: None

Grade: 11 Credit: 1.0 This course is a chronological study of the history and development of the United States from the administration of George Washington to the present. This course stresses student involvement in helping them understand their country's past so they can better understand the present. (College Prep)

Second Option

7201 United States History 5-6 Honors

Prerequisite: Students must have a "B" or better in Civics (H) and have their teacher's recommendation. Students must have an "A" in Civics and have their teacher's recommendation to move from Civics to U.S. History (H).

Grade: 11 Credit: 1.0 This course is a chronological study of American History from George Washington to the present. While the course is not an Advanced Placement (AP) course, the curriculum will help students prepare for components of the AP United States History Exam. Students enrolling in this course will be required to write historical research papers both semesters. In addition, students will write numerous analytical essays based on primary source research throughout the course and complete a variety of other assignments/projects that are not assigned in U.S. History. A substantial workload reflects the honors credit. Enrollment in English (Honors) is encouraged. (Honors)

Third Option

7206 American Studies/History 5-6 H SLU Dual Credit Prerequisite: Students must have a "B" or better in Civics (H) and have their teacher's recommendation. Students must have an "A" in Civics and have their teacher's recommendation to move from Civics to American Studies (H). Concurrent enrollment in American Studies/English is required.

Grade: 11 Credit: 1.0 American Studies is an interdisciplinary course incorporating American History, American Literature, and advanced-level writing skills. This course is a team-taught, two-hour class. The course expands upon standard presentations and relates American literary and cultural developments to historical changes. Due to classroom space limitations, the maximum class size for this course is 52 students. In the event that course requests exceed 52 students, priority enrollment will be given to students who have earned B's or better in their freshman/sophomore honors English/Social Studies courses. Students also must have their teacher's recommendations.

Note: Students who enroll in American Studies may not enroll in any English 5-6, or in the Early American Literature course during the senior year. (History and English both earn Honors credit) This course can be taken as a Dual Enrollment course in the Saint Louis University 1818 program for nine college credit hours (six for history and three for English). Most universities accept this credit; however, it is the individual responsibility of the student to verify that his or her selected university does so. SLU does charge a fee. (Honors)

Fourth Option

7203 United States History 5-6 Core

Prerequisite: Social Studies Teacher recommendation

Grade: 11 Credit: 1.0 This course offers a chronological study of U.S. History from George Washington to the present time. This class allows students to improve and refine their skills within the standard curriculum at a somewhat slower pace. Placement in this course will be determined by a conference between the student, his/her counselor, the instructor and Social Studies Department Chair recommendation. This class is NOT NCAA approved. (General)

7337, 7338 American Government 7, 8

Prerequisite: None

Grade: 12 Credit: .50 This semester course is a study of the organization, structure, and powers of the federal and state governments. It is designed to prepare students to become active participants in our democracy. This course is required for those students who did not pass the government semester of Civics or who opted to take American Government 7-8 their senior year.

Students in this course are required to pass individual tests on the U.S. Constitution and the Illinois Constitution in order to meet the government component for graduation. This course fulfills the government graduation requirement only and does NOT fulfill the consumer education graduation requirement. (College Prep)

7347, 7348 American Problems 7, 8

Prerequisite: None

Grade: 12 Credit: .50 This semester course offers a study and discussion of various problems present in America through the use of current events. A variety of current events activities are used to enhance student learning including the use of magazines, newspapers, the Internet, and news programming. Students will be exposed to numerous reading assignments and research activities. Either semester includes consumerism and meets the state requirement for consumer education. (College Prep)

7367, 7368 Psychology 7, 8

Prerequisite: None

Grade: 12 Credit: .50 This semester course is designed to offer the student a clear, informative, challenging, exciting, and personal introduction to psychology. Students explore the facets of human behavior, growth of the human intellect, child development, and various theories of psychology. Students will gain insight as to the nature and patterns of human behavior, while appreciating the uniqueness of the human mind. (College Prep)

7381 Psychology AP

Prerequisite: Students must have a “B” or better in Honors Social Studies courses or an “A” in regular level Social Studies courses).

Grade 11 or 12 Credit: 1.0 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. (Honors)

7357, 7358 Sociology 7, 8

Prerequisite: None

Grade: 12 Credit: .50 Sociology is the scientific study of people interacting as groups and how these groups interact within society. This semester course helps students gain a new perspective for looking at themselves and the world. Topics include culture, socialization, crime, poverty, race and ethnicity, the family, gender differences and sexual orientation. Students are taught to examine, analyze and appreciate the complex and diverse world that we live in. (College Prep)

7359, 7360 Sociology 7, 8 Honors

Prerequisite: Students must have a “B” or better in U.S. History (H) or American Studies (H) and have their teacher’s recommendation. Students must have an “A” in U.S. History and have their teacher’s recommendation to move from U.S. History to Sociology (H).

Grade 12 Credit: .50 Students in this semester course will, in addition to the material covered in Sociology, experience a rigorous curriculum that includes extensive reading, writing, and research assignments. Therefore, students must possess outstanding reading, writing, and critical thinking skills. (Honors)

7126, 7127 Global Issues Honors SLU Dual Credit Prerequisite: 3.0 cumulative GPA and/or

Social Studies teacher recommendation Grade: 12 Credit: .5 Global Issues is an introduction to international studies. This class is designed to promote cultural awareness, problem solving and the development of 21st century skills necessary to be a global citizen. Students will examine the state of the world through the analysis of current events and history in an effort to connect the past, present and future. Students will experience a rigorous curriculum that includes reading, writing and research assignments. This course can be taken as a Dual Enrollment course in the Saint Louis University 1818 program for up to 3 credit hours. Most universities accept this credit; however, it is the individual student’s responsibility to verify that his or her selected university does so. SLU does charge a fee. (Honors)

World Languages Department

Jenny Hotze-Wilton, Chairperson

Fees: Semester fees are charged in World Language classes

1400: Spanish 1-2

1401: French 1-2

1403: German 1-2

Prerequisite: None

Recommended: Standardized test scores in Language and Reading scores above the 70th percentile

Grades: 9, 10, 11, and 12 Credit: 1.0 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. (College Prep)

1510: Spanish 3-4

1511: French 3-4

1513: German 3-4

Prerequisite: Spanish 1-2, French 1-2, German 1-2

Grades: 10, 11, and 12 Credit: 1.0 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 actively use whatever elements of language they have at their disposal. Small group work continues to be an important element of the daily routine. (College Prep)

1610 Spanish 5-6

Prerequisite - Grade of "C" or better in Spanish 3-4

Grades: 11, 12 Credit: 1.0 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.

1620 Spanish 5-6 Honors

Prerequisite: Grade of "C" or better in Spanish 3-4 and recommendation of Spanish 3-4 teacher.

Grades: 11, and 12 Credit: 1.0 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.

1621 French 5-6 Honors**SLU Dual Credit****Prerequisite: Grade of “C” or better in French 3-4****Grades: 11 and 12****Credit: 1.0**

This course is conducted in French, except when translating various texts. There is heavy emphasis on four areas: spoken French within the classroom, advanced grammar used in context, compositions, and culture. The students—as well as the teacher—use French in class. Culture includes history, geography, customs, and literature, and students complete projects and skits/oral presentations to make these topics come alive.

Note: This course can be taken as a Dual Enrollment course in the Saint Louis University 1818 program for 3 college credit hours per semester. Most universities accept this credit, however, it is the individual responsibility of the student to verify that his or her selected university does so. SLU does charge a fee. (Honors)

1623 German 5-6 Honors**SLU Dual Credit****Prerequisite: Grade of “C” or better in German 3-4****Grades: 11 and 12****Credit: 1.0**

Students will continue to expand their knowledge of vocabulary and grammar. In addition, students will read poems, short stories, and other texts, and be asked to write essays and/or short poems, as well as written and oral projects which require the use of a computer and internet. Classes will be conducted primarily in German with daily homework being assigned to complement that oral practice.

Note: This course can be taken as a Dual Enrollment course in the Saint Louis University 1818 program for 3 college credit hours. Most universities accept this credit, however, it is the individual responsibility of the student to verify that his or her selected university does so. SLU does charge a fee. (Honors)

1731 French 7-8 Honors**SLU Dual Credit****Prerequisite: Grade of “C” or better in French 5-6 Honors****Grade: 12****Credit: 1.0**

Oral proficiency is much greater than in the third year, and grammar usage is refined. French/francophone culture is, as always, an integral part of the class, and there is in-depth study of various topics such as history, poetry, literary works, current events, and regions/countries where French is spoken. This class will be offered for Dual Credit with the Saint Louis University 1818 program for 3 credit hours per semester. Most universities accept this credit, however, it is the individual responsibility of the student to verify that his or her selected university does so. SLU does charge a fee. (Honors)

1733 German 7-8 Honors**SLU Dual Credit****Prerequisite: Grade of “C” or better in German 5-6 Honors****Grade: 12****Credit: 1.0**

The primary objective of the course is to help students develop a basic understanding of a variety of pieces of German literature, learning about German history as well as contemporary Germany, while continuing practice in spoken German language and reviewing grammar when necessary. Classes will be taught in German with English being used only when necessary for clarification of especially difficult material. This course can be taken as a Dual Enrollment course in the Saint Louis University 1818 program for 3 credit hours per semester. Most universities accept this credit, however, it is the individual responsibility of the student to verify that his or her selected university does so. SLU does charge a fee. (Honors)

1710 Spanish 7-8**Prerequisite: Grade of “C” or better in Spanish 5-6 or Spanish 5-6 Honors****Grade: 12****Credit 1.0**

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 goal of fourth-year language study. The classroom is student-centered with daily small-group activities.

1730 Spanish 7-8 Honors**SLU Dual Credit****Prerequisite: Grade of “B” or better in Spanish 5-6 Honors and recommendation of Spanish 5-6 H teacher** (Space is limited in this course, and previous grades/teacher recommendations may be used to determine placement.)**Grade: 12****Credit: 1.0**

Emphasis is placed on oral proficiency in Spanish, and the skill of reading is also a major focus. Readings include mini-novels, short stories, news articles about current events, and other authentic selections. A variety of out-of-class cultural projects will be completed during the second semester. The grammatical focus is on the present and past subjunctive, the future, and conditional tenses. This course can be taken as a Dual Enrollment course in the Saint Louis University 1818 program for 3 credit hours per semester. Most universities accept this credit, however, it is the individual responsibility of the student to verify that his or her selected university does so. SLU does charge a fee. (Honors)

Belleville East High School 4 Year Plan

Name: _____

Post High School Plan: 4 Year College/University; 2 Year College; Military; Trade School; Workforce

SAT Score: _____/ACT Score: _____

Grade 9 – Freshman Year

Fall Semester	Spring Semester
English:	English:
Math:	Math:
Social Studies:	Social Studies:
Science:	Science:
Elective:	Elective:
Elective:	Elective:
Summer Course (<i>optional</i>):	Summer Course (<i>optional</i>):

Grade 10 – Sophomore Year

Fall Semester	Spring Semester
English:	English:
Math:	Math:
Social Studies:	Social Studies:
Science:	Science:
Elective:	Elective:
Elective:	Elective:
Summer Course (<i>optional</i>):	Summer Course (<i>optional</i>):

Grade 11 – Junior Year

Fall Semester	Spring Semester
English:	English:
Math:	Math:
Social Studies:	Social Studies:
Science:	Science:
Elective:	Elective:
Elective:	Elective:
Summer Course <i>(optional)</i> :	Summer Course <i>(optional)</i> :

Grade 12 – Senior Year

Fall Semester	Spring Semester
English:	English:
Math:	Math:
Social Studies:	Social Studies:
Science:	Science:
Elective:	Elective:
Elective:	Elective:
Summer Course <i>(optional)</i> :	Summer Course <i>(optional)</i> :

Belleville East Graduation Requirements

Graduation Requirements	Math	English	Science	Social Studies	Electives	Physical Ed.
Each students must earn 21 Credits	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 either .5 unit of Civics/Government or .5 unit of government or proof of completion of the Illinois Requirements	1 unit from any of the following areas: music, art, foreign language, or career & technical education	3 units of PE / Health-must be taken one sem. *Additional PE information in Course Handbook
			** All students are required to earn a minimum of 2 units in the area of Science and Social Studies; an additional 1.0 unit MUST be earned in either Science OR Social Studies OR a combination.			