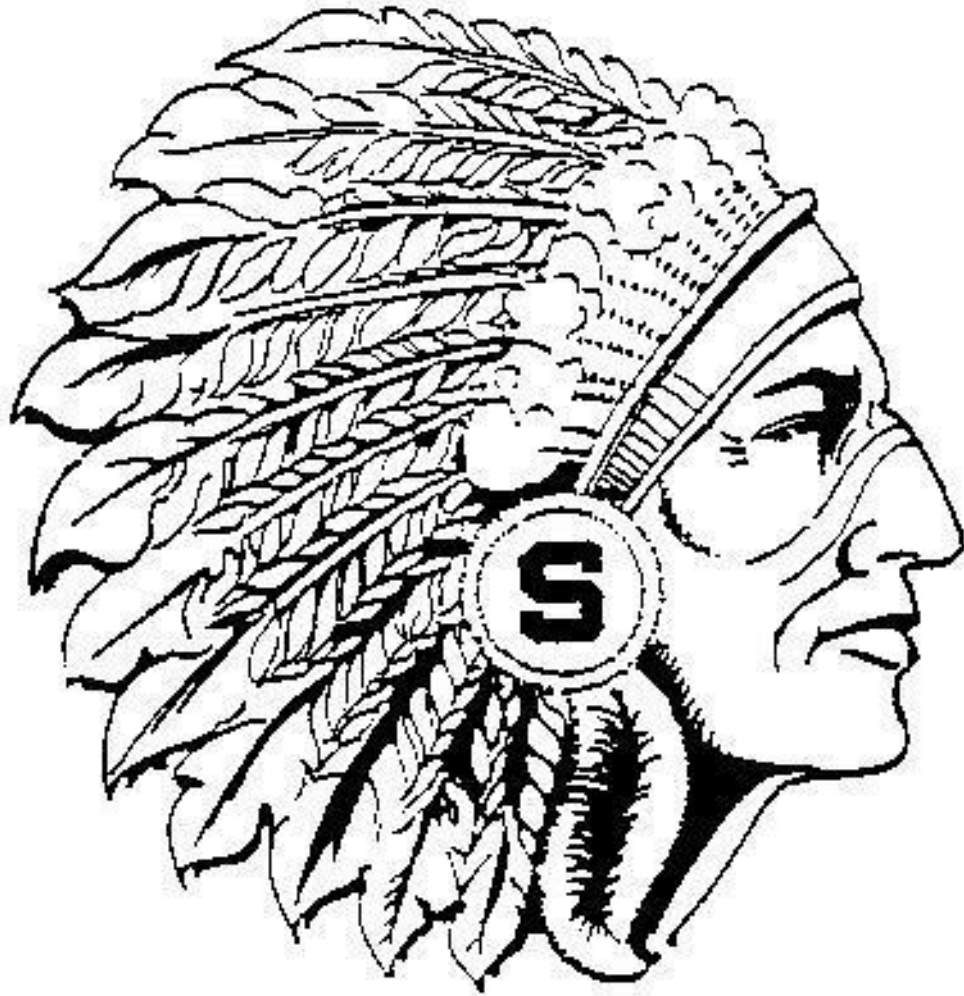


Course Description Book



Sullivan High School 2022-2023

2022-2023 COURSE DESCRIPTION BOOK

GENERAL INFORMATION

This handbook contains a description of the curricular programs of Sullivan High School. In selecting your courses for the school year, you need to think about your high school objectives and your career goals. While making your decisions, involve your parents, your counselor and your teachers. They have years of experience in career planning and goal setting that they can share with you as you make decisions that could affect your years into the future.

CURRICULUM OBJECTIVES

The curriculum will provide a comprehensive and sequential education program that will assist students at Sullivan High School in exploring and preparing for future career, professional, and educational goals.

The curriculum will provide opportunities for students to develop and apply the following skills: to reason deductively and inductively using facts, figures and symbols in systematic ways; to develop and apply the fundamental skills of measurement and compilation; to develop problem solving techniques in the solution of verbal and theoretical problems.

The curriculum will provide a variety of activities and experiences that will enhance the interests of students, raise the achievement levels of students, and provide students with an educational climate that allows them to develop a sense of self-worth.

Based on these objectives, the curricular goal of Sullivan High School is to develop knowledge and skills necessary for young people to learn and grow into the citizens and leaders of a rapidly changing society and nation.

REGISTRATION

Each student will be asked to make an appointment with the school counselor to register for courses. Since there are two school counselors available for all the students at Sullivan High School, we must ask that students take seriously their responsibility to see that they contact the school counselor for an appointment to register for their courses. Failure to see the school counselor could result in not taking the courses needed to meet future goals and objectives, particularly high school graduation and/or college admission. In order to meet with each student and plan course selections, times have been reserved for each class. The school counselors will meet with students to select courses.

Incoming freshmen and their parents will have the opportunity to meet with the principal, the school counselor and the staff of Sullivan High School in January of the student's 8th grade year. This meeting will provide an opportunity to hear presentations about course offerings and the registration process. Questions about courses and selection can be answered at this time. All freshmen and their parents are encouraged and expected to attend this meeting.

It is very important that students make wise, informed choices concerning their course of study. Parents, teachers and the counselor should be consulted during this selection process. The choices the student makes now may have a major impact on future career decisions. Your final selection for courses will be made in the spring. **There will be no class changes in the fall without permission of the principal and/or counselor, with parent sign-off.**

EDUCATIONAL PLANS FOR STUDENTS ATTENDING SULLIVAN HIGH SCHOOL

Students attending Sullivan High School may choose from a variety of educational plans designed to help them reach specific goals after the completion of their high school education. Currently there are several **CAREER AND TECHNICAL EDUCATION** programs available through Lake Land College and surrounding programs. Students not wishing to select the **CAREER AND TECHNICAL** program may choose from either the **GENERAL** or the **COLLEGE PREP** program. Below is a brief description of each of these choices.

What is career and technical education?

A student who has chosen a career path towards the career and technical route should follow a clearly defined sequence of courses preparing for employment in their chosen occupation. A student should strongly consider looking at his/her educational plans from grades 9-12. While many vocational/technical careers can be obtained with a high school education, most employers will look more favorably on those students with an Associate's Degree or those who continue their education via a vocational/technical certificate program or apprenticeship. **If interested in career and technical education, one may ask the counselor for more information.**

What is general education?

A student who has chosen this program is one who does not plan on attending a community college or university. This student may also be one who has been recommended by the special education department for a flexible schedule with an individualized education plan. Upon graduation, this student will be looking for employment and is not interested in further training. Students may also be interested in joining the military.

What is college prep?

A student who has chosen the College Prep program is one who plans to go directly to a four-year college or university upon graduation from high school. This does not prohibit a student from first attending a community college and then transferring to a four-year school. These students are also encouraged to follow this program. This program includes all of the upper level courses in the core academic areas that meet the requirements for admission into the state universities. There is also time allotted for electives from the many vocational programs so that students may choose courses in which they have an interest or those that might compliment their future career. It is strongly recommended that these students use some of their elective slots to take at least two years of one foreign language. Each university has different requirements regarding foreign language and subject area content for entrance or graduation and should be looked at individually. See page 7 for more information concerning subject area requirements.

GRADUATION REQUIREMENTS

<u>COURSE</u>	<u>CREDITS REQUIRED</u>	<u>GRADE/STATE REQUIREMENT</u>
English (Including 2 Writing Intensive Courses)	4.0	Yearly: Grades 9-12
Science (Including Ag Science)	3.0	Grades 9-11
Math (Algebra I & Geometry are required)	3.0	Yearly: Grades 9-11
World Geography	0.5	Freshman Requirement
Early U. S. History	0.5	Sophomore Requirement
Modern U.S. History	1.0	Junior Requirement
Civics	0.5	Junior Requirement
Health	0.5	Sophomore Requirement
Consumer Education (Includes Resource Management)	0.5	Junior Requirement
Art, Foreign Language, or Vocational Education	1.0	State Requirement
Physical Education	4.0	State Requirement unless you meet waiver requirements
TOTAL REQUIRED CREDITS	18.5	
Elective Credits Required	8.5	
Total Credits Required for Graduation	27.0	
25 hrs of service are required for graduation.		
Driver Education (Driver Education may be taken as academic credit)	0.25	

In addition to the above requirements, all graduates of Sullivan High School must pass an examination demonstrating knowledge of the United States Constitution, the Constitution of the State of Illinois and the proper use of the Flag of the United States, and must participate in state required testing.

COURSE ENROLLMENT POLICY

Students may enroll in courses during the school day using the following guidelines:

1. The minimum number of credits a student must take in any academic year is 7.

COLLEGE PREPARATORY CURRICULUM

The following high school subjects are recommended for freshmen entering community college transfer programs and public universities after high school graduation.

Units (credits)

Subjects

- 4 **English** (emphasizing written and oral communications and literature).
Collegiate Athletes need to be aware that Journalism and Career English do not meet NCAA core course requirements.
- 4 **Mathematics** (Algebra I and II, Geometry, Algebra w/Trig, Calculus)
***Student Athletes** are advised that Informal Geometry and Applied Math do not meet NCAA core course requirements.
- 3 **Social Studies** (emphasizing history and government)
- 3 **Science** (laboratory sciences including certain vocational courses)
***Student Athletes** are advised that Biological Science Applications in Ag does not meet NCAA core course requirements.
- 2 **Foreign Language, Music, Art, or Vocational Education**
(See State University Foreign Language Requirements on the page 9.)

Individual public universities and community colleges may have specific subject requirements in effect. Check the college catalogue for specific requirements. Applicants must contact each college or university for details about all requirements for admission. Admissions requirements for private college and universities as well as proprietary schools vary. Each must be contacted for admission requirements.

CLASS RANK AND GRADE POINT AVERAGE (G.P.A.)

Class rank is based upon the accumulated grade point average that students have during their years in high school. The letter grades that students earn are converted to a grade point and an additional weighted factor is assigned to each course. Class rank for each class is determined by way of an unweighted grading system. Grades for each semester are assigned on an A=4, B=3, C=2, D=1, F=0 basis. The grading scale used at the Sullivan Schools is 90-100 (A); 80-89 (B); 70-79 (C); 60-69; and 59 and below (F).

Courses at Sullivan High School are given a weight for the purpose of computing Top Ten. Courses are weighted as 1, 2, or 3. The grade earned is assigned a value on a 4.0 grade scale with an A=4 points and an F=0 points. The weighted grade average is determined by dividing the weighted grade points earned by the weighted number of courses taken. This weighted grade average is designed to more accurately reflect the efforts necessary on the part of the students to achieve a higher class rank.

VALEDICTORIAN AND SALUTATORIAN HONORS

Sullivan High School does reward students who take extra courses during their high school career. Students who earn the minimum number of credits for graduation earn a standard diploma. To be considered for the “Top 10” and Valedictorian or Salutatorian honors, a student must take a minimum of 24 “three-weight” semesters during their high school careers. The following tiebreakers, in order, will be: (1) GPA; (2) most three-weighted “A’s”; (3) most three-weighted classes taken; and (4) total grade points earned (total of weighted numerator).

Foreign Language Requirements for Admission and Graduation

	Foreign Language Requirement for Admission	Foreign Language Requirement for Graduation
Chicago State University	Not required	All programs – 6 hours of college language (can be met by assessment/proficiency test or college level courses only)
Eastern Illinois University	Not required, 2 years recommended	2 semesters of college language (can be met by 2 years of single foreign language in high school with "C" or better average)
Governors State University	2 years of one foreign language or 2 years of fine arts	Not required
Illinois State University	2 years of one foreign language or 2 years of fine arts	College of Arts and Sciences - 2 semesters of college language (can be met by successful completion of 3 years of same foreign language in high school). American Sign Language may be used to fulfill this requirement by transfer credit or by proficiency. Bachelor of Arts – 3 semesters of college language (may be met by proficiency test or college level courses only)
Northeastern Illinois University	Not required	Not required
Northern Illinois University	Humanities: 2 years of foreign language or combination of language, art, music, theatre	Bachelor of Arts - 2 years of one foreign language at the college level (can be met by 4 years of one foreign language in high school with "C" or greater in each course)
Southern Illinois University, Carbondale	Not required; used toward fulfillment of 2 year elective requirement. Must include two semesters of the same language.	College of Liberal Arts - one year (2 courses) of college language (met by college coursework or exam only) some degrees in College of Liberal Arts are exempt
Southern Illinois University Edwardsville	Not required – 2 years recommended	Bachelor of Arts – college language required (met by college level coursework only)
University of Illinois at Chicago	Not required – 2 years recommended	College of Business Administration: 2 semesters at collegiate level; can be waived with 2 years at the high school level or if students native language is not English All programs in the College of Liberal Arts and Sciences, Urban Planning and Public Affairs, as well as the Public Health, and Art History; 4 semesters at the collegiate level
University of Illinois at Springfield	2 years of one foreign language OR 2 years of fine arts	Honors students must have 2 years of one language
University of Illinois at Urbana-Champaign	2 years of one language required, 4 years recommended.	Colleges of Business and Liberal Arts and Sciences: up to the 4th collegiate level of foreign language (can be met by 4 years of one high school foreign language) All other colleges - up to the 3rd collegiate level (can be met by 3 years of one high school foreign language)
Western Illinois University	Not required	Selected majors - bi-cultural, bi-lingual education, foreign language, and biology (can be met by 2 years of high school foreign language)

Page #	Course #	Course Title	Grade	Weight	Credit
18		ENGLISH			
	102	English I	09	2	1
	103	Honors English I	09	3	1
	202	English II	10	2	1
	203	Honors English II	10	3	1
	302	English III	11	2	1
	303	Honors English III	11	3	1
	304	College Prep Writing	11/12	3	0.5
	308	Films Analysis	10/11/12	2	0.5
	400	Speech	11/12	2	0.5
	401	Career English	12	2	1
	402	English IV	12	2	1
	403	AP English	12	3	1
	404	Dual-Credit Speech	11/12	3	1
24		MATHEMATICS			
	110	Algebra I Concepts	09/10	2	1
	111	Algebra I	09/10	2	1
	210	Geometry	09/10/11/12	2	1
	213	Honors Geometry	09	3	1
	211	Informal Geometry	10/11/12	2	1
	312	Transition Algebra	11/12	2	1
	212	Algebra II	10/11/12	3	1
	214	Honors Algebra II	10	3	1
	313	Quantitative Literacy & Statistics	12	2	1
	310	Algebra w/Trig	11/12	3	1
	410	AP Calculus	12	3	1
	411	Statistics	12	3	1
29		SOCIAL STUDIES			
	120	World Geography	09	2	0.5
	122	Early World History	09/10/11/12	2	0.5
	123	Modern World History	09/10/11/12	2	0.5
	220	Civics	10/11	2	0.5
	221	Early U.S. History	10	2	0.5
	320	Modern U.S. History	11	2	1
	321	Sociology	11/12	3	0.5
	322	Psychology	11/12	3	0.5
	323	AP U.S. History	11/12	3	1

Page #	Course #	Course Title	Grade	Weight	Credit
32		SCIENCE			
	130	Life Science	9	2	1
	131	Biology	9	3	1
	230	General Chemistry	10	2	1
	231	Chemistry	10	3	1
	232	Veterinary Science	10/11/12	2	1
	233	Environmental Science	10/11/12	3	1
	234	Science in the Cinema	10/11/12	2	0.5
	235	Horticulture Science and Production	10/11/12	2	1
	330	Physical Science	11/12	2	1
	331	Physics	11/12	3	1
	334	Agricultural Engineering	11/12	3	1
	430	AP Biology	11/12	3	1
	432	Human Anatomy & Physiology	10/11/12	3	1
	433	AP Chemistry	11/12	3	1
38		FOREIGN LANGUAGE			
	140	Spanish I	09/10/11/12	2	1
	240	Spanish II	10/11/12	2	1
	340	Spanish III	11/12	3	1
	341	Latin-American Studies	11/12	3	1
	440	AP Spanish	12	3	1
40		BUSINESS & TECHNOLOGY			
	150	Intro to Business - Economics	09/10	2	0.5
	151	Intro to Business - Finance	09/10	2	0.5
	152	Computer Concepts	9/10/11/12	2	0.5
	153	Digital Media	9/10/11/12	2	0.5
	154	Digital Literacy	9	2	0.25
	251	Web Design	10/11/12	2	0.5
	253	Graphic Design	10/11/12	2	0.5
	349	Networking and Technology	10/11/12	2	0.5
	350	Business Management & Entrepreneurship	10/11/12	2	1
	354	Accounting I	11/12	2	1
	356	Principles of Marketing	11/12	2	0.5
	358	Yearbook I	10/11/12	2	1
	359	Yearbook II	11/12	2	1
	362	Yearbook III	12	2	1
	450	Accounting II	11/12	3	1

Page #	Course #	Course Title	Grade	Weight	Credit
45		INDUSTRIAL TECHNOLOGY			
	160	Orientation to Technology Ed.	09	2	1
	260	Production	10	2	1
	360	CAD I	11/12	3	1
	461	Manufacturing Technology & Foundations I	11/12	2	1
	462	Manufacturing Technology & Foundations II	12	2	1
	466	CAD II/Drafting	12	2	1
	460	Welding I	11/12	3	1
	463	Welding II	12	2	1
48		FAMILY AND CONSUMER SCIENCES			
	170	Intro to FCS	09/10/11/12	2	0.5
	171	Culinary Arts I	09/10/11/12	2	0.5
	172	Culinary Arts II	09/10/11/12	2	0.5
	173	Parenting	09/10/11/12	2	0.5
	175	Child Development	09/10/11/12	2	0.5
	176	Textiles and Designs	09/10/11/12	2	0.5
	375	Child & Day Care Services I	11/12	2	1
	376	Child & Day Care Services II	12	2	1
	455	Consumer Economics	11	2	0.5
51		AGRICULTURE			
	180	Intro to Ag, Food, & Natural Resources	09/10	2	1
	232	Veterinary Science	10/11/12	2	1
	235	Horticulture Science & Production	10/11/12	2	1
	334	Agricultural Engineering	11/12	3	1
	480	Ag Business Management & Leadership	11/12	3	1
54		MUSIC AND ART			
	080	Singers Show Choir	09/10/11/12	2	1
	081	General Choir (Concert Choir)	09/10/11/12	2	1
	082	Band (Marching & Concert/Symphonic)	09/10/11/12	2	1
	083	Honors Vocal Music	12	3	1
	084	Honors Instrumental Music	10/11/12	3	1
	085	New Generation Show Choir	09/10/11/12	2	1
	086	Percussion Ensemble	09/10/11/12	2	1
	087	Intro to Guitar	09/10/11/12	2	0.5
	088	Music History/Appreciation	09/10/11/12	2	0.5
	089	AP Music Theory	11/12	3	1
	190	Art I	09/10/11/12	2	1
	290	Art II	10/11/12	2	1
	390	Art III	11/12	2	1
	492	Honors Art Studio	12	3	1

Page #	Course #	Course Title	Grade	Weight	Credit
59		HEALTH, DRIVER ED. & PHYSICAL EDUCATION			
	050	Co-Ed Recreational P.E., Fall	09/10/11/12	2	0.5
	051	Co-Ed Recreational P.E., Spring	09/10/11/12	2	0.5
	054	Athletic P.E., Fall	09/10/11/12	2	0.5
	056	Athletic P.E., Spring	09/10/11/12	2	0.5
	295	Health	10	2	0.5
	296	Driver Education	09/10	2	0.25
63		OFF CAMPUS AND DUAL ENROLLMENT COURSES			
	477	Health Occupations	12	3	2
	468	Workplace Experience	12	2	2
	491	Creating Economic Opportunities (CEO)	12	3	2
66		LIFE SKILLS			
	093	Study Skills	09/10/11/12	1	0.5
	021	Job Shadowing	10/11/12	1	0.5
	096	English Lab	09/10/11/12	1	1
	097	Math Lab	09/10/11/12	1	1
	098/099	Resource	09/10/11/12	1	0.5
	100	Freshman Seminar	09	1	1

STUDENTS

Equal Educational Opportunities

Equal educational, vocational, cooperative, and extracurricular opportunities shall be available for all students without regard to race, color, national origin, ancestry, sex, ethnicity, language barrier, religious beliefs, physical and mental handicap or disability, or economic and social conditions, or actual or potential marital or parental status.

Any student may file a discrimination grievance by using the Uniform Grievance Procedure (see next page).

Gender Equity

No student shall, on the basis of gender, be denied equal access to educational, vocational, coop, or extra-curricular programs, activities, services, or benefits or be limited in the exercise of any right, privilege, advantage, or denied access to educational, vocational, and extracurricular programs and activities.

Any student may file a sex equity complaint by using the Uniform Grievance Procedure (see next page). A student may appeal the School Board's resolution of the complaint to the Regional Superintendent of Schools (Pursuant to 105 ILCS 5/3-10 of The School Code) and, thereafter, to the State Superintendent of Education (pursuant to 105 ILCS 5/2-3.8 of The School Code).

Administrative Implementation

The Superintendent shall appoint a Nondiscrimination Coordinator. The Superintendent and Building Principal shall use reasonable measures to inform staff members and students of this policy and grievance procedure.

Adoption Date: November 14, 1994

Uniform Grievance Procedure

Students or their parent(s)/guardian(s), employees, or community members may file a complaint in accordance with this grievance procedure, if they believe that the School Board, its employees, or agents have violated their rights guaranteed by the State or Federal constitution, State or Federal statute, or Board policy including:

1. Title II of the Americans with Disabilities Act;
2. Title IX of the Education Amendments of 1972;
3. Section 504 of the Rehabilitation Act of 1973;
4. Claims of sexual harassment under the Illinois Human Rights Act, Title VII of the Civil Rights Act of 1964 and Title IX of the Education Amendments of 1972.

The complaint manager will endeavor to respond to and resolve complaints without the need to report this grievance procedure and, if a complaint is filed, to address the complaint promptly and equitably. The right of a person to prompt and equitable resolution of the complaint filed hereunder shall not be impaired by the person's pursuit of other remedies. Use of this grievance procedure does not extend any filing deadline related to the pursuit of other remedies.

1. Filing A Complaint

A person (hereinafter Complainant) who wishes to avail himself or herself of this grievance procedure may do so by filing a complaint with any District Complaint Manager. The Complainant shall not be required to file a complaint with a particular complaint manager and may request a complaint manager of the same sex. The complaint manager may request the Complainant to provide a written statement regarding the nature of the complaint or require a meeting with the parent(s)/guardian(s) of a student. The complaint manager may assist the Complainant in filing a grievance.

2. Investigation

The complaint manager will investigate the complaint or appoint a qualified person to undertake the investigation on his or her behalf. The complaint or the identity of the Complainant will not be disclosed except (1) as required by law or this policy, or (2) as necessary to fully investigate the complaint, or (3) as authorized by the Complainant. The complaint manager shall file a written report of his or her findings with the Superintendent within five days. The written report shall be filed with the School Board that shall render a decision in accordance with Section 3 of this policy. The Superintendent will keep the Board informed of all complaints.

3. Decision and Appeal

After receipt of the complaint manager's report, the Superintendent shall render a written decision within ten days which shall be provided to the Complainant. In the event the Complainant is not satisfied with the decision, the Complainant may appeal the decision to the School Board by making a written request to the complaint manager. The complaint manager shall be responsible for promptly forwarding all materials relative to the complaint and appeal to the School Board. Thereafter, the

School Board shall render a written decision which shall be provided to the Complainant. This grievance procedure shall not be construed to create an independent right to a School Board hearing.

4. Complaint Managers

The Complaint Managers will be appointed annually by the Superintendent and should include one of each sex.

Adopted: December 3, 1993

The Carl D. Perkins Vocational Education Act signed on October 19, 1984 provided financial assistance to the State of Illinois for vocational education programs. The Perkins Act mandates that every student and his/her parents be informed before registering for the ninth grade of vocational courses that will be available in high school.

Sullivan High School offers many programs for vocational education. These programs can provide your child with important life skills and training.

The following CTE classes listed below are available at Sullivan High School. Please note that many courses require a pre-requisite or must be taken in a sequential order.

If you would like any further information regarding these courses, please call 728-8311 for assistance. Further information can also be obtained during the freshman orientation program.

Business Education:

Intro to Business Finance & Economics
Business Management & Entrepreneurship
Networking and Technology
Accounting I
Product Oriented Marketing
Advanced Marketing I
Advanced Marketing II
Accounting II

Industrial Technology:

Orientation to Technology Ed
Production
Manufacturing Technology & Foundations I
Manufacturing Technology & Foundations II
Welding I
Welding II

Family and Consumer Sciences:

Intro to FCS
Culinary Arts I
Culinary Arts II
Parenting
Child Development
Child & Day Care Services
Consumer Economics

Agriculture:

Intro to Ag Industries
Horticulture
Veterinary Sciences
Agricultural Engineering
Ag business Management & Leadership

Off-Campus:

Health Occupations
Workplace Experience
CEO

NON-DISCRIMINATION

All students are provided equal opportunities in all educational programs, vocational programs, and all services at Sullivan High School. No student shall be refused admission to, or be excluded from, any course of instruction, vocational class, coop program, or interscholastic athletic program by reason of a person's race, color, national origin, age, sex, religion or handicap.

TITLE IX OF THE EDUCATION AMENDMENTS OF 1972

(Prohibition of Sex Discrimination)

Sullivan Community Unit School District #300 has designated the Superintendent to coordinate Unit #300 efforts to comply with the Federal Law under Title IX of the Educational Amendments of 1972, and to handle grievances alleging non-compliance with the Act that prohibits sex discrimination in federally assisted education programs. Sullivan Community Unit School District #300 further states its intent not to discriminate on the basis of sex in the educational programs or activities that it operates. All questions may be directed to the Superintendent at 725 N. Main St., Sullivan, IL 61951, telephone number 217/728-8341.

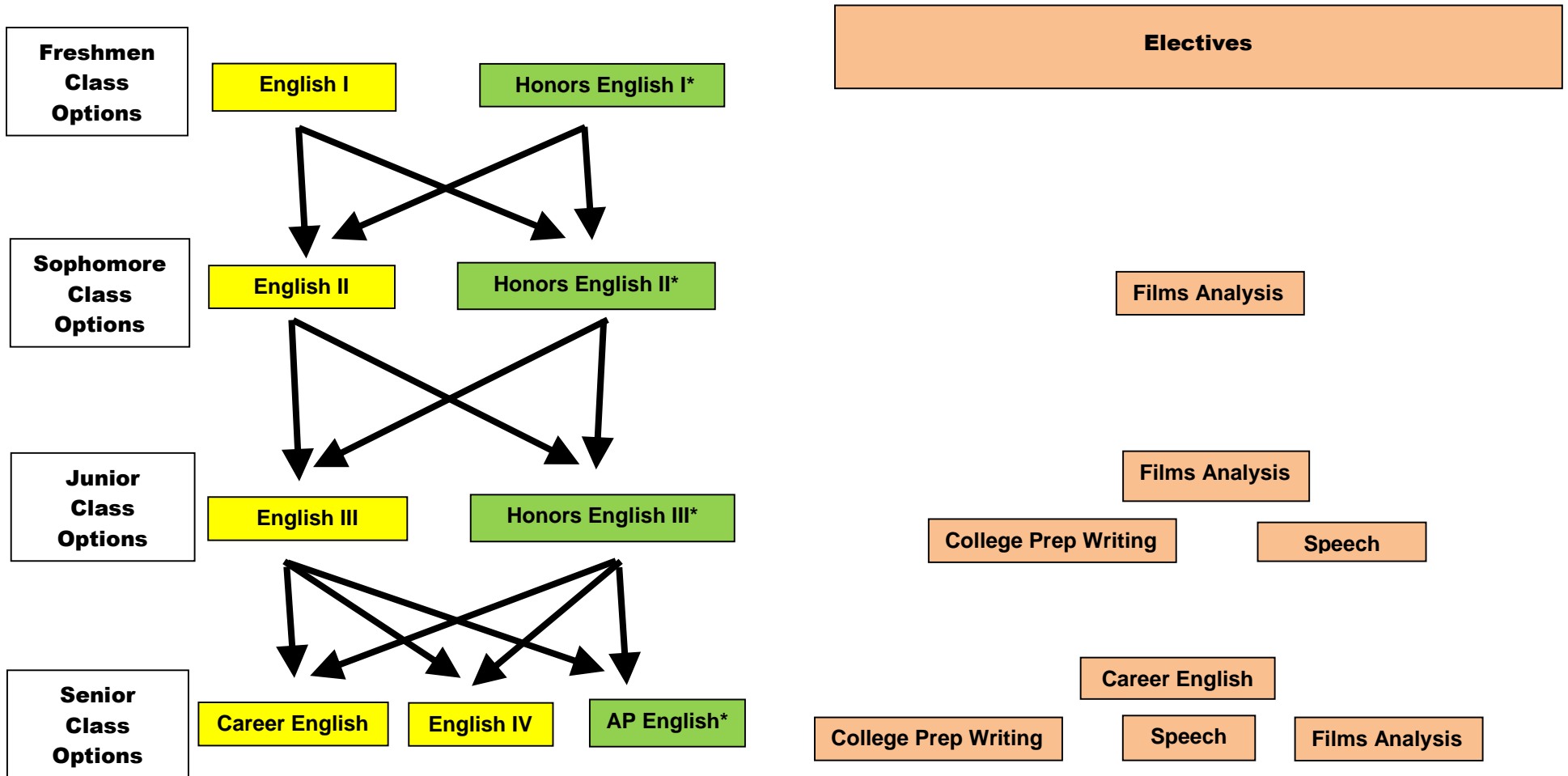
The following Sullivan Community Unit School District #300 employees are responsible for the various mandated assurances:

Section 504 Handicapped	-	Special Education Coordinator 725 N. Main St., Sullivan, IL 61951 217/728-8341
Title IX Sex Equity	-	Superintendent 725 N. Main St., Sullivan, IL 61951 217/728-8341
Title VI	-	Superintendent 725 N. Main St., Sullivan, IL 61951 217/728-8341

ENGLISH

Sullivan High School

English Course Sequence Map



A solid line means students can move from one to another. An asterisk beside a class means pre-requisites apply.

COURSE NUMBER 102 ENGLISH I**STATE COURSE CODE: 01001A000 English/Language Arts I****CREDIT: 1****Grade: 09**

Students are expected to master basic writing, speaking, researching, and interpreting skills. Students will write essays with emphasis on narrative and expository; interpret a variety of literature; give presentations; study a play and assigned novel(s), and independent reading assignments; learn reading strategies through the study of fiction, nonfiction, drama, and/or poetry; conduct research and learn MLA format; and study grammar/mechanics and various language skills. A research-based project will be completed by all students. Grades will be based on projects, tests, homework, class participation, presentations, writing, and a variety of other assignments and assessments.

COURSE NUMBER 103 HONORS ENGLISH I**STATE COURSE CODE: 01001A000 English/Language Arts I****CREDIT: 1****Grade: 09**

PREREQUISITES: Students must meet the first two criteria to be automatically recommended for Honors English I. If only one of the two criteria is met, teacher recommendation will determine placement. Teacher recommendation can override criteria if circumstances necessitate.

1. Must have a 90% average for both semesters
2. Must exceed the recommended grade-level RIT score for Reading and Language Usage 3. Teacher recommendation (study habits, work ethic, grade, etc.)

Students are expected to master basic writing, speaking, researching, and interpreting skills. Students will write essays with emphasis on narrative and expository; interpret a variety of literature; presentations; study a play and assigned novel(s), and independent reading assignments; learn reading strategies through the study of fiction, nonfiction, drama, and/or poetry; conduct research and learn MLA format; and study grammar/mechanics and various language skills. A research-based project will be completed by all students. Grades will be based on projects, tests, homework, class participation, presentations, writing, and a variety of other assignments and assessments.

Students who receive a C, D, or F for a semester grade will be reviewed for continued enrollment in the Honors Curriculum. Any student who has a D or an F average for the year will automatically be dropped from the program at the end of the academic year.

COURSE NUMBER 202 ENGLISH II**STATE COURSE CODE: 01002A000 English/Language Arts II****CREDIT: 1****Grade: 10**

Students are expected to master basic writing, speaking, researching, and interpreting skills. Students will write essays with emphasis on argumentative and expository; interpret a variety of literature; presentations; study a play and assigned novel(s) and independent reading assignments; learn reading strategies through the study of fiction and non-fiction; conduct research and learn MLA format; study grammar/mechanics and various language skills; and study technical writing as time allows. A researched presentation will be given by all students. Grades will be based on projects, tests, homework, class participation, presentations, writing, and a variety of other assignments and assessments.

COURSE NUMBER 203 HONORS ENGLISH II**STATE COURSE CODE: 01002A000 English/Language Arts II****CREDIT: 1****Grade: 10**

PREREQUISITES: Students must meet the first two criteria to be automatically recommended for Honors English II. If only one of the two criteria is met, teacher recommendation will determine placement. Teacher recommendation can override criteria if circumstances necessitate.

1. Must have a 90% average for both semesters
2. Must exceed the recommended grade-level RIT score for Reading and Language Usage 3. Teacher recommendation (study habits, work ethic, grade, etc.)

Students are expected to master basic writing, speaking, researching, and interpreting skills. Students will write essays with emphasis on argumentative and exposition; interpret a variety of literature; presentations; study a play and assigned novel(s) and independent reading assignments; learn reading strategies through the study of fiction and non-fiction; conduct research and learn MLA format; study grammar/mechanics and various language skills; and study technical writing as time allows. A researched

presentation will be given by all students. Grades will be based on projects, tests, homework, class participation, presentations, writing, and a variety of other assignments and assessments.

Students who receive a C, D, or F for a semester grade will be reviewed for continued enrollment in the Honors Curriculum. Any student who has a D or an F average for the year will automatically be dropped from the program at the end of the academic year.

COURSE NUMBER 302 ENGLISH III

STATE COURSE CODE: 01003A000 English/Language Arts III

CREDIT: 1

Grade: 11

Students will demonstrate skills in written and verbal communication and reading comprehension. Students will write essays with emphasis on the following types: expository and argumentative. In addition, a typed research paper will be required. Reading assignments will include various works from a survey of American literature and independent reading assignments; review of grammar usage and punctuation will be conducted to improve writing skills. Grades will be based on projects, tests, homework, class participation, presentations, writing, and a variety of other assignments and assessments.

COURSE NUMBER 303 HONORS ENGLISH III

STATE COURSE CODE: 01003A000 English/Language Arts III

CREDIT: 1

Grade: 11

PREREQUISITES:

Students must meet the first two criteria to be automatically recommended for Honors English III. If only one of the two criteria is met, teacher recommendation will determine placement. Teacher recommendation can override criteria if circumstances necessitate.

1. Must have a 90% average for both semesters
2. Must exceed the recommended grade-level RIT score for Reading and Language Usage
3. Teacher recommendation (study habits, work ethic, grade, etc.)

Students are expected to demonstrate mastery in written and verbal communications as well as in literary analysis and interpretation. Students will write essays with emphasis on the following types: expository and argumentative. A typed research paper will be required as well as one critical analysis of a novel. Reading assignments will include various works from a survey of American literature and independent reading assignments; review of grammar usage and punctuation will be conducted to improve writing skills. Grades will be based on projects, tests, homework, class participation, presentations, writing, and a variety of other assignments and assessments.

Students who receive a C, D, or F for a semester grade will be reviewed for continued enrollment in the Honors Curriculum. Any student who has a D or an F average for the year will automatically be dropped from the program at the end of the academic year.

COURSE NUMBER 304 COLLEGE PREP WRITING

STATE COURSE CODE: 01102A000 English/Composition (Juniors & Seniors)

CREDIT: 0.5

Grade: 11/12

This class is open to Sullivan High School juniors and seniors who wish to improve or enhance their current writing skills while also preparing for college-level writing. Students will study narrative, expository, argumentative, analytical, and digital writing. Students will also engage in writing for college applications, study research and documentation as time allows. A review of grammar usage and punctuation will be conducted to improve writing skills. Homework, quizzes and tests, written assignments, presentations and other assignments will be used to evaluate students.

COURSE NUMBER 308 FILMS ANALYSIS

STATE COURSE CODE: 01060A000 Literature of an Author

CREDIT: 0.5

Grade: 10/11/12

Students in this semester-long course will analyze video as an artistic medium and compare this expression with a variety of literature. Students will be expected to evaluate the content, discuss the expression of themes, and interpret the intentions of the author and/or director. Students will be required to write essays that analyze film and film elements, and compare and contrast films and/or films and literature.

COURSE NUMBER 400 SPEECH**STATE COURSE CODE: 01199A000 Speech-Other****CREDIT: 0.5****Grade: 11/12**

Students will demonstrate effective communication skills by delivering speeches and participating in various speech communication activities. Major speeches may include the following: informative, demonstrative, argumentative, memorized, children's story, and/or others depending on class size and goals. Other topics (including discussion, debate, radio, TV, drama) may also be studied as time allows. Students will be required to prepare written outlines and write reflections on activities. Grades will be determined based on oral performances, tests, projects, participation, homework, and other assignments and assessments.

COURSE NUMBER 401 CAREER ENGLISH**STATE COURSE CODE: 01004A000 English/Language Arts IV****CREDIT: 1****Grade: 12**

Students are expected to master marketable job skills, explore careers, create a resume, complete a successful interview, and learn how to write several types of letters. Students may conduct research reports, participate in career-related exercises, complete several writing assignments, conduct research and learn documentation formats, and study grammar/mechanics and various language skills. Grades will be based on homework, written and verbal project scores, tests, participation, other assignments and assessments, and work attitude.

COURSE NUMBER 402 ENGLISH IV**STATE COURSE CODE: 01004A000 English/Language Arts IV****CREDIT: 1****Grade: 12**

Students will demonstrate skills in written and verbal communications as well as in literary analysis and interpretation. Students will write essays with emphasis on expository and argumentative. Students will study a play, assigned novel(s), and/or independent reading assignments. Students will conduct research and learn MLA format, study grammar/mechanics and various language skills, and study technical writing as time allows. A researched presentation will be given by all students. Grades will be based on projects, tests, homework, class participation, presentations, writing, and a variety of other assignments and assessments.

COURSE NUMBER 403 AP ENGLISH LANGUAGE AND COMPOSITION STATE COURSE CODE:**01005A000 AP English Language and Composition CREDIT: 1****Grade: 12****PREREQUISITE #1:**

Students must meet the first two criteria to be automatically recommended for AP Language and Composition. If only one of the first two criteria is met, teacher recommendation will determine placement. Teacher recommendation can override criteria if circumstances necessitate.

1. Must have a 90% average for both semesters
2. Must exceed the recommended grade-level RIT score for Reading and Language Usage
3. Teacher recommendation (study habits, work ethic, grade, etc.)

PREREQUISITE #2:

Students wishing to qualify for admission to the AP Language and Composition course must complete the summer assignment in its entirety. Failing to complete the summer assignment will result in a zero for the assignment. No student is guaranteed a schedule change solely based on the non-completion of the summer assignment. Transfer students will be dealt with on an individual basis.

The AP English Language and Composition course is designed to help students become skilled readers of prose written in a variety of rhetorical contexts and to become skilled writers who compose for a variety of purposes. The goals of an AP English Language and Composition course are diverse because the college composition course is one of the most varied in the curriculum. The college course provides students with opportunities to write about a variety of subjects and to demonstrate an awareness of audience and purpose. Most composition courses emphasize the expository, analytical, and argumentative writing that forms the basis of academic and professional communication, as well as the personal and reflective writing that fosters the ability to write in any context.

In this course, students will read various non-fiction texts in varied prose styles from many disciplines and historical periods. They will also analyze graphics and visual images in texts published in print and electronic media. One way the students will analyze and interpret these works is through the writing process. In this course, students will be reading texts inside and outside of the classroom setting, evaluating text effectiveness, and writing about the issues the texts bring about, the structures of the texts, and etcetera. Students will be required to write several timed in-class essays and more formal, prepared essays to be worked on both inside and

outside of the classroom setting. The major genres of writing to be learned include expository, and argumentative writing, both of which they must do in college. Students should expect the workload and rigor in this course to be quite similar to that of a first-year college composition course.

Students will also learn how to read primary and secondary sources carefully, to synthesize materials from these texts in their own compositions, and to cite sources using conventions recommended by professional organizations, such as the Modern Language Association (MLA).

After taking the AP English Language and Composition course, students may elect to take the AP English Language and Composition exam, which includes multiple-choice questions and timed essays. Examination preparation will be extensive and occur throughout the entire school year. Depending on the college of their choice, students may earn one semester of college credit if they obtain the certain score their college requires.

COURSE NUMBER 404 DUAL-CREDIT SPEECH

STATE COURSE CODE: 01199A000 Speech-Other

CREDIT: 0.5

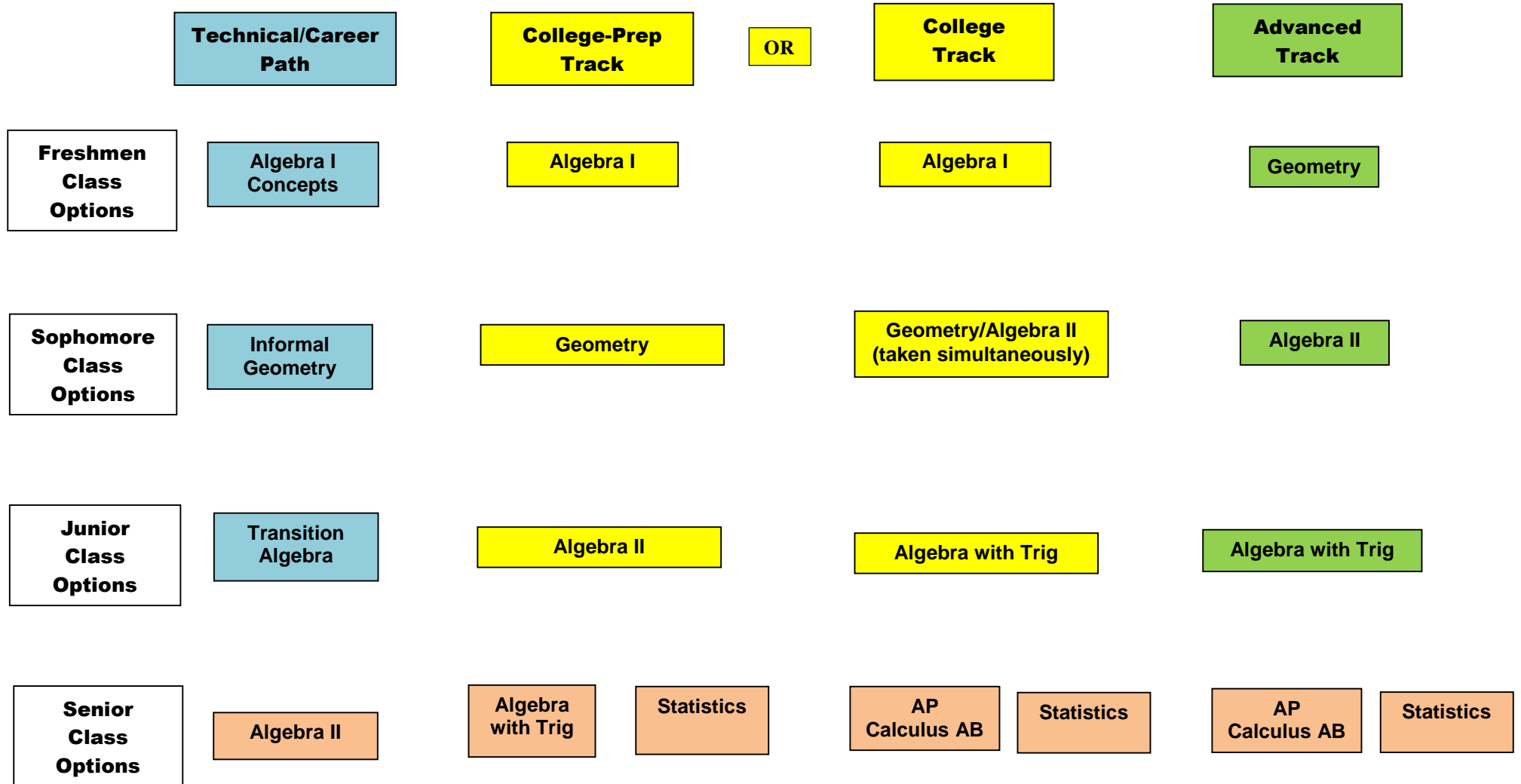
Grade: 11/12

PREREQUISITES: Students must have a 3.0/4.0 GPA to register for this class through Eastern Illinois University.

This course will be dual credit, meaning the students get both high school credit and a speech credit from Eastern Illinois University, which transfers to any Illinois college or university (and most out-of-state ones as well). There is a fee associated with this class to be paid to EIU, and some assignments will be graded by an EIU professor, though all in-class meetings occur at Sullivan High School with the exception of one trip to EIU. Students will be required to do online assignments for the EIU professor, and students will demonstrate effective communication skills by delivering speeches and participating in various speech communication activities. Students should be prepared to write outlines and reflections on activities. Grades will be determined based on presentation skills, tests, projects, participation, homework, and other assignments and assessments.

MATHEMATICS

Sullivan High School Mathematics Course Sequence Map



COURSE NUMBER 110 ALGEBRA I CONCEPTS
STATE COURSE CODE: 02052A000 Algebra I (Secondary)
CREDIT: 1

Grade: 09/10

Class Requirement: Scientific Calculator

Students who have passed two semesters of Algebra I cannot enroll in Algebra I Concepts.

This course is designed to help the student improve basic algebra skills. Emphasis will be on the application of algebraic concepts. This course would be beneficial for those planning on entering the work force.

COURSE NUMBER 111 ALGEBRA I
STATE COURSE CODE: 02052A000 Algebra I (Secondary)
CREDIT: 1

Grade: 09/10

Class Requirement: Scientific Calculator

This course is designed to help the student improve basic algebra skills. Topics include working with signed numbers, linear equations and inequalities, graphing and linear systems, formulas, exponents and polynomials and factoring. Emphasis will be placed on problem-solving strategies.

COURSE NUMBER 210 GEOMETRY
STATE COURSE CODE: 02072A000 Geometry (Secondary)
CREDIT: 1

Grade: 09/10/11/12

Class Requirement: Scientific Calculator

PREREQUISITE: Successful completion of Algebra I or Algebra I Concepts (with instructor/principal approval).

This course examines elements from both plane and solid geometry. Emphasis will be placed on problem solving and formal proof. Topics include: angle relations and measure, congruency of angles, segments and polygons, similarity, deductive and inductive reasoning area and volume.

COURSE NUMBER 213 HONORS GEOMETRY
STATE COURSE CODE: 02072A000 Geometry (Secondary)
CREDIT: 1

Grade: 09

Class Requirement: Scientific Calculator

PREREQUISITE: Successful completion of Algebra I and teacher recommendation

This course examines elements from both plane and solid geometry. Emphasis will be placed on problem solving and formal proof. Topics include: angle relations and measure, congruency of angles, segments and polygons, similarity, deductive and inductive reasoning area and volume. All topics will be covered at a faster pace and more in depth than Geometry.

COURSE NUMBER 211 INFORMAL GEOMETRY
STATE COURSE CODE: 02071A000 Informal Geometry (Secondary)
CREDIT: 1

Grade: 10/11/12

Class Requirements: Scientific Calculator

Emphasis will be placed on applications of geometric concepts and problem solving. This course will be beneficial for those planning on entering the work force.

COURSE NUMBER 312 TRANSITION ALGEBRA
STATE COURSE CODE: 02055A000 Transition Algebra
CREDIT: 1

Grade: 11/12

Class Requirements: Scientific Calculator

PREREQUISITE: Successful completion of an algebra content course and Informal Geometry. A student may not get credit for both this course and Geometry.

Emphasis will be on the integration of Algebra and Geometry concepts and the applications of them. Topics include Systems of Equations, Functions, Right Triangle and Trigonometry.

COURSE NUMBER 212 ALGEBRA II
STATE COURSE CODE: 02056A000 Algebra II
CREDIT: 1

Grade: 10/11/12

Class Requirement: Scientific Calculator is required. A TI-84 (Texas Instrument) Graphing Calculator would be more beneficial.

PREREQUISITE: Successful completion of Geometry. Seniors who have successfully completed Transition Algebra may take this course as an elective.

*Students may take Geometry and Algebra II concurrently with instructor/principal approval and completion of Algebra I with a grade of A in both semesters. Equations and inequalities, linear relations and functions, matrices, polynomials, complex numbers, quadratic equations, quadratic functions and relations.

COURSE NUMBER 214 HONORS ALGEBRA II
STATE COURSE CODE: 02056A000 Algebra II
CREDIT: 1

Grade: 10

Class Requirement: Scientific Calculator is required. A TI-84 (Texas Instrument) Graphing Calculator would be more beneficial.

PREREQUISITE: Successful completion of Geometry/Honors Geometry and teacher recommendation.

*Students may take Honors Geometry and Honors Algebra II concurrently with instructor/principal approval and completion of Algebra I with a grade of A in both semesters. This course builds upon algebraic concepts from Algebra I. Topics include equations and inequalities, linear relations and functions, matrices, polynomials, complex numbers, quadratic functions and relations. This course will cover the same material as Algebra II, but it will be more in depth and the pacing will be accelerated.

COURSE NUMBER 313 QUANTITATIVE LITERACY AND STATISTICS
STATE COURSE CODE: 02201A001 HIGH SCHOOL TRANSITIONAL MATH 4 – QUANTTATIVE LITERACY AND STATISTICS
CREDIT: 1
GRADE: 12

Class Requirements: Scientific Calculator

PREREQUISITE: None

Math course framework designed to prepare and transition students directly into college and career pathways requiring general education college level math competencies in quantitative literacy and statistics. The competencies within each domain should include, but are not limited to: numeracy (operation sense, estimation, measurement, quantitative reasoning, basic statistics, and mathematical summaries), application based algebraic topics, and functions and modeling. Upon completion students should be able to: demonstrate proficiency and understanding in basic numeracy competencies in whole numbers, integers, fractions, and decimals, use estimation and explain/justify estimates, apply quantitative reasoning to solve problems involving quantities or rates, use mathematical summaries of data such as mean, median, and mode, use and apply algebraic reasoning as one of multiple problem solving tools, and use functions and modeling processes. Course to be delivered through authentic application, problem based instruction designed to build mathematical conceptual understanding and critical thinking skills.

COURSE NUMBER 310 ALGEBRA WITH TRIGONOMETRY
STATE COURSE CODE: 02106A000 Trigonometry/Algebra
CREDIT: 1

Grade: 11/12

Class Requirement: TI-84 (Texas Instrument) or better Graphing Calculator Required.

PREREQUISITE: Completion of Algebra II with a grade of C or better in both semesters or by instructor/principal approval. A unified study of the algebraic and trigonometric concepts needed for calculus.

COURSE NUMBER 410 AP CALCULUS
STATE COURSE CODE: 02124A000 AP Calculus AB
CREDIT: 1
Grade: 12

Class Requirement: TI-84 (Texas Instrument) or better Graphing Calculator Required.

PREREQUISITE: Completion of Algebra w/ Trigonometry with a grade of C or better in both semesters or by instructor/principal approval.

This course is a study of differential and integral calculus of elementary functions of one variable, such as polynomial, rational, radical, trigonometric, inverse trigonometric and exponential functions. Applications include rates of change, optimization, curve sketching and area. (Note: TI-89 calculators are NOT allowed on ACT testing, so for students ONLY taking Calculus I here at SHS, a TI-84 is recommended.)

After taking the AP Calculus course, students may elect to take the AP Calculus exam, which includes multiple-choice questions and a free-response section requiring the student to demonstrate the ability to solve problems involving a more extended chain of reasoning. Examination preparation will be extensive and occur throughout the entire school year. Depending on the college of their choice, students may earn one semester of college credit if they obtain the certain score their college requires.

COURSE NUMBER 411 STATISTICS
STATE COURSE CODE: 02202A000 Inferential Probability and Statistics
CREDIT: 1
Grade: 12

Class Requirement: TI-84 or better graphing calculator

PREREQUISITE: Successful completion of Algebra II

Application of elementary principles of descriptive statistics including frequency distribution, graphical presentation, measure of location and variation. Elements of probability, sampling techniques, binomial and normal distribution and other topics.

SOCIAL STUDIES

COURSE NUMBER 120 WORLD GEOGRAPHY**STATE COURSE CODE: 04001A000 World Geography****CREDIT: 0.5****Grade: 09 Required**

The need for geographic literacy has never been greater or more obvious than in today's tightly interrelated world. This course surveys the relationship between the peoples of the world and their physical environment. Political, cultural and historical aspects of world regions will be discussed and researched. There will be an emphasis on current world events and, specifically, how these events affect our lives in Central Illinois. Students are required to complete weekly assignments, tests, several Internet research and writing projects, along with current event news presentations.

COURSE NUMBER 122 EARLY WORLD HISTORY**STATE COURSE CODE: 04060A000 Ancient and Medieval History****CREDIT: 0.5****Grade: 09/10/11/12**

Through this course of study, the student will become familiar with man and his stages of development. This course will start with the dawn of mankind and run through the age of exploration. Reading and writing skills are highly prioritized and students will be asked to make judgments about important changes in the stages of mankind's development. Debates will be encouraged as we seek the truth about knowledge and where mankind is going in the next millennium. Students will be expected to keep a notebook and do daily homework assignments that will help them meet the state learning standards.

COURSE NUMBER 123 MODERN WORLD HISTORY**STATE COURSE CODE: 04053A000 Modern World History****CREDIT: 0.5****Grade: 09/10/11/12**

Modern World History courses provide an overview of the history of human society in the past few centuries—from the Renaissance period, or later, to the contemporary period—exploring political, economic, social, religious, military, scientific, and cultural developments.

COURSE NUMBER 220 CIVICS *(The Constitution and our Justice System)***STATE COURSE CODE: 04161A000 Civics****CREDIT: 0.5****Grade: 11 Required**

This imaginative new course will introduce young people to the exciting world of Constitutional Law and important Supreme Court decisions with the impact on our daily lives. Students will be learning about the most important cases in U.S. History and how that changed all of our lives. The student will be introduced to the elements of the constitution and its working organization. This will be followed by discussion sessions on how our American Justice system operates in conjunction with Constitutional Law. Law and Order in America will bring new insights into the young student's mind and make them see how all the systems of government fit together. Students will be required to keep a daily notebook, discuss in class and do daily reading assignments followed by debates over controversial court rulings. Students will be expected to learn the basis of Civics to pass the new Illinois Prairie State Exam and all the Illinois Learning Standards. This course may be taken as a sophomore with administrative approval.

COURSE NUMBER 221 EARLY U.S. HISTORY**STATE COURSE CODE: 04102A000 Early U.S. History****CREDIT: 0.5****Grade: 10 Required**

This course will be an analytical view of the United States from the age of discovery to 1870. Students will be required to write essays, do reading comprehension tests, work on the computer and the internet doing class projects and presentations on our nation's rise to a world power.

COURSE NUMBER 320 MODERN U.S. HISTORY**STATE COURSE CODE: 04103A000 Modern U.S. History****CREDIT: 1.0****Grade: 11 Required**

Through an unusual course of study, students will become world leaders of tomorrow and help make decisions that impact the lives of millions. Students will be expected to back up their decisions with knowledge gained through the study of the history of the world from 1870 to the present. Students will learn important decisions of world leaders and how that changed our lives before they will be asked to make global decisions that might alter their own futures. Reading and writing will be highly prioritized and students will be asked to make value judgments regarding important events in the history of the United States as a world leader. Students will also be expected to keep a daily notebook and do regular homework assignments in preparing for daily debates on important world issues of the new millennium and beyond.

COURSE NUMBER 321 SOCIOLOGY**STATE COURSE CODE: 04258A000 Sociology****CREDIT: 0.5****Grade: 11/12**

Students will learn awareness toward the society around them not only in Sullivan, but the world that surrounds it. They will focus on cultural differences, deviance, socialization, social inequality and social institutions. The students will be required to participate in class discussion and projects. Exams, papers, projects and a notebook that must be updated on a daily basis will determine grades.

COURSE NUMBER 322 PSYCHOLOGY**STATE COURSE CODE: 04254A000 Psychology****CREDIT: 0.5****Grade: 11/12****Additional Requirements:**

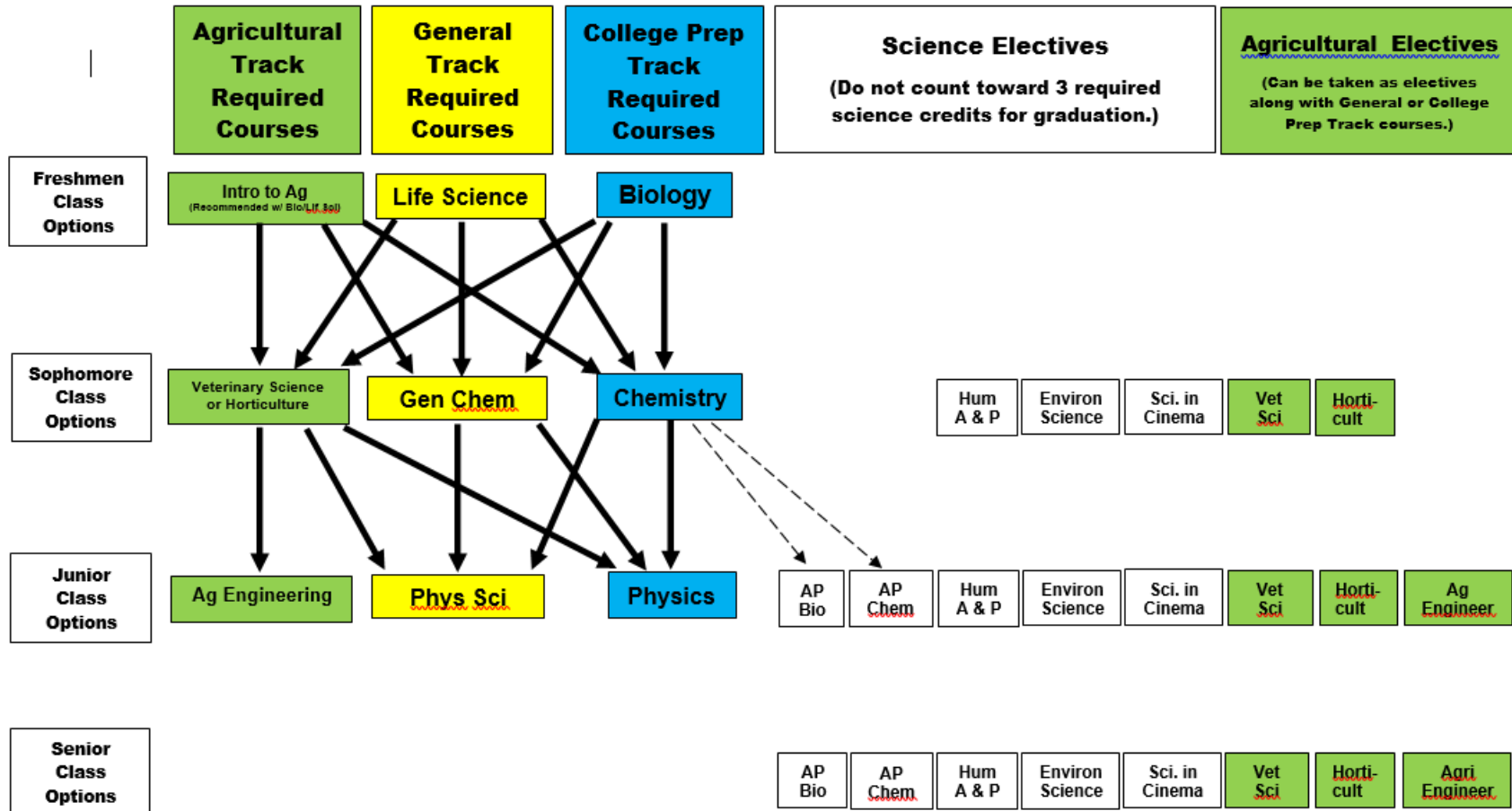
The students will demonstrate knowledge in the ways in which people fit in the world today. The students will develop an understanding of how people socially interact, as well as behave in our world today. The course will cover various themes on how humans view issues such as diversity, race, gender differences and factors that shape our world today. In addition, the students will use technology to present topics for discussion; as well as understand how technology is changing the way we fit into our world.

COURSE NUMBER: 323 AP U.S. HISTORY**STATE COURSE CODE: 04104A000 AP U.S. History****CREDIT: 1****Grade: 11/12****Additional Requirements:** Complete Early U.S. History with a “C” or better for the semester.

AP U.S. History is designed to be the equivalent of a two-semester introductory college or university U.S. history course. In AP U.S. History students investigate significant events, individuals, developments, and processes in nine historical periods from approximately 1491 to the present. Students develop and use the same skills, practices, and methods employed by historians: analyzing primary and secondary sources; developing historical arguments; making historical comparisons; and utilizing reasoning about contextualization, causation, and continuity and change over time. The course also provides seven themes that students explore throughout the course in order to make connections among historical developments in different times and places: American and national identity; migration and settlement; politics and power; work, exchange, and technology; America in the world; geography and the environment; and culture and society.

SCIENCE

Sullivan High School Science Course Sequence Map



Graduation Requirements:

***3.0 Science Credits including one Life Science, one Chemical Science, and one Physical Science credit.**

***See course map for recommended course sequences.**

1. Life Science or Biology freshman year.

2. General Chemistry, Chemistry, Veterinary Science, or Horticulture and Production sophomore year.

3. Physical Science, Physics, or Agricultural Engineering junior year.

COURSE Offerings:

Freshmen: Life Science, Biology*

Sophomore: General Chemistry, Chemistry*, Veterinary Science*, Horticulture Science & Production*, Human Anatomy & Physiology*

Junior: Physical Science, Physics*, Agricultural Engineering*, Environmental Science*, Human Anatomy & Physiology, AP Biology*, AP Chemistry*, Veterinary Science*, Horticulture Science & Production*

Senior: Physical Science, Physics*, Agricultural Engineering*, Veterinary Science*, Horticulture Science & Production*, Environmental Science*, Human Anatomy & Physiology, AP Biology*, AP Chemistry*

***Course has prerequisites required for enrollment**

COURSE NUMBER: 130 LIFE SCIENCE

STATE COURSE CODE: 03051A000 Biology

CREDIT: 1

Grade: 9

The emphasis of this class shall be in the general areas of life science, with integration of physical science and earth science topics. Topics covered include basic biochemistry, basic ecological concepts, population ecology, cell biology, basic heredity, basic molecular genetics, classification, and studies of the major kingdoms: including bacteria, protists, and fungi, basic botany, and the major animal phyla. This class will include basic laboratory work and dissections.

COURSE NUMBER: 230 GENERAL CHEMISTRY

STATE COURSE CODE: 03101A000 Chemistry

CREDIT: 1

Grade: 10

The emphasis of this class shall be in the general areas of physical science, with integration of life science and earth science topics. The areas taught shall include the following: properties of matter, states of matter, the periodic table, solution structure, chemical reactions, acids/bases, and gas laws. Techniques of observation and measurement, lab safety, scientific method, goal setting, direct and indirect data retrieval and analysis, graphic techniques, expressing conclusions and math model applications will be emphasized.

COURSE NUMBER: 330 PHYSICAL SCIENCE

STATE COURSE CODE: 03151A000 Physics

CREDIT: 1

GRADE: 11/12

The emphasis of this class shall be in the general area of the physical sciences, with integration of life science and earth science topics. The areas taught shall include the following: motion, forces, work, energy, heat, waves, sound, light, electricity and magnetism. Techniques of observation and measurement, lab safety, scientific method, goal setting, direct and indirect data retrieval and analysis, graphic techniques, expressing conclusions and math model applications will be emphasized.

COURSE NUMBER: 131 BIOLOGY
STATE COURSE CODE: 03052A000 Biology-Advanced Studies
CREDIT: 1

Grade: 9/10/11/12

PREREQUISITES: Completion of Middle School Science Courses with a “B” or above or instructor recommendation and approval.

The emphasis of this advanced college preparatory class shall be in the major areas of life science, with integration of physical science and earth science topics. Students will gain an advanced and thorough understanding of major biological concepts and will be able to apply their knowledge to real life situations. Topics covered include biochemistry, ecological concepts, population ecology, cell biology, energy transfer, heredity, molecular genetics, genetic applications, natural selection and other evolutionary mechanisms, classification, and studies of the major kingdoms: microbiology including studies in bacteria, protists, and fungi, basic botany, and the major animal phyla. This class will be laboratory intensive and will include advanced dissections and collections of selected organisms, along with lab practical exams and skill assessments.

COURSE NUMBER: 231 CHEMISTRY
STATE COURSE CODE: 03102A000 Chemistry-Advanced Studies
CREDIT: 1

Grade: 10/11/12

PREREQUISITES: Minimum grade of “C” each semester in Biology, or minimum grade of “B” in the Life Science Course, or instructor approval.

The emphasis of this class shall be in the math-driven areas of physical science, with integration of life science and earth science topics. The areas taught shall include the following: physical and chemical properties of materials, atomic quantum structure, chemical bonding, formula nomenclature, balancing equations and prediction of reactions, stoichiometric functions, gas laws, solution structure and mechanics, ionization, acid-base structure and organic nomenclature. Techniques of observation and measurement, lab safety, scientific method, goal setting, direct and indirect data retrieval and analysis, graphing techniques, expressing conclusions and math model applications will be emphasized.

COURSE NUMBER: 331 PHYSICS
STATE COURSE CODE: 03152A000 Physics-Advanced Studies
CREDIT: 1

Grade: 11/12

PREREQUISITES: Minimum grade of “C” each semester of Chemistry, or a minimum grade of “B” or higher in each semester of General Chemistry or Ag Science, or instructor approval.

The emphasis of this class shall be in the math-driven areas of physical science. The areas taught shall include the following: vectorization, two/three dimensional relationships, perpendicular and parallel linear and rotary force systems, acceleration/velocity systems, harmonic motion, heat transfer, wave theory, mechanics of sound, light and optical relationships and electricity, including integration of life science and earth science topics. Techniques of observation and measurement, lab safety, scientific method, goal setting, direct and indirect data retrieval and analysis, graphing techniques, expressing conclusions and math model application will be emphasized.

COURSE NUMBER: 232 VETERINARY SCIENCE
STATE COURSE CODE: 18105A000 Veterinary Science
Credit: 1

Grade: 10/11/12

PREREQUISITES: Completion of Life Science or Biology

This course will develop students’ understanding of both the companion and production animal industries. Topics of instruction include animal ethics and welfare issues, animal services to humans, veterinary office practices, genetics, animal anatomy and physiology, animal health, animal nutrition, and animal reproduction. Participation in a Supervised Agricultural Experience (SAE) project is an integral course component for leadership development, career exploration and reinforcement of academic concepts.

COURSE NUMBER: 233 ENVIRONMENTAL SCIENCE

STATE COURSE CODE: 03003A000 Environmental Science

CREDIT: 1

Grade: 10/11/12

PREREQUISITES: Minimum grade of “C” each semester of Biology, or a minimum of a “B” in each semester of Life Science.

The emphasis of this class shall be in the general area of environmental science. The areas taught shall be the following: ecology, conservation, biodiversity, soil conservation, water pollution, and forestry. This class will include laboratory work and field experiences. Students must still complete General Chemistry/Chemistry and Physical Science/Physics for their required 3 science credits. Due to the nature of the field experiences, this class may be capped at fourteen, with a preference given to juniors and seniors.

COURSE NUMBER: 234 SCIENCE IN THE CINEMA

STATE COURSE CODE: 03202A000 Unified Science

CREDIT: 0.5

Grade: 10/11/12

PREREQUISITES: Completion of biology, or two years of science and freshman English.

This course is a multidisciplinary science/writing/film class designed for all students in grades 10-12 that meet the prerequisites listed. The course provides an introduction to the scientific concepts of artificial intelligence, astronomy, astrobiology, cloning, epidemiology, eugenics, evolution, cancer, genetic engineering and modification, mental disorders, the origins of life, and space travel through lectures, popular (and not-so-popular) movies, select readings, and discussions. The course focuses on the sciences presented in the films and how their depiction compares to reality, why such distortions occur, the future use or abuse of the science. Students are assessed through writings, presentations, demonstrations, and video shorts.

Note: Does not fulfill the science or English requirement, although its multidisciplinary nature may allow for that possibility in the future.

COURSE NUMBER 235 HORTICULTURE SCIENCE AND PRODUCTION

STATE COURSE CODE: 18052A001 Basic Horticultural Science CTE Course

CREDIT: 1

Grade: 10/11/12

PREREQUISITES: Completion of Life Science or Biology

This course is designed to introduce students to the horticulture industry and provide them with basic plant science knowledge. Major units of instruction include horticulture research, horticultural careers, plant anatomy, seed germination, plant propagation, growing media, pest management, hydroponics, identifying horticultural plants, growing greenhouse crops, landscape design, and floral design. Participation in a Supervised Agricultural Experience (SAE) project is an integral course component for leadership development, career exploration and reinforcement of academic concepts.

COURSE NUMBER 334 AGRICULTURAL ENGINEERING

STATE COURSE CODE: 18449A002 Physical Science Applications in Agriculture CTE Course

CREDIT: 1

Grade: 11/12

PREREQUISITES: Successful completion of Veterinary Science or Horticulture Science and Production

This course is designed to reinforce and extend students' understanding of physical science and the scientific process by associating scientific and math principles and concepts with relevant applications in agriculture. Topics of study are in the areas of scientific investigations, environmental/natural resource systems, agricultural production systems, agricultural structural systems, energy and power systems, agricultural mechanics and machine systems, and food processing systems. The course will be valuable preparation for further education, and will increase the relevance of science through the applied setting of agriculture. Participation in a Supervised Agricultural Experience (SAE) project is an integral course component for leadership development, career exploration and reinforcement of academic concepts.

COURSE NUMBER 430 AP BIOLOGY
STATE COURSE CODE: 03056A000 AP Biology

CREDIT: 1

Grade: 11/12

PREREQUISITES: Successful completion of Biology & Chemistry with a grade of “C” or above or instructor approval. The AP Biology course is designed to be the equivalent of a two-semester college introductory biology course usually taken by biology majors during their first year. AP Biology includes those topics regularly covered in a college biology course for majors including Science as a Process, Evolution, Energy Transfer, Continuity and Change, Relationship of Structure to Function, Regulation, Interdependence in Nature, Science, Technology, and Society. This college level course in biology differs significantly from the first high school course in biology with respect to the kind of textbook used, the range and depth of topics covered, the type of laboratory work done by students, and the time and effort required of students. The textbooks used for AP Biology are those used by college biology majors. The kinds of labs done by AP students must be the equivalent of those done by college students. The AP Biology course is designed to be taken by students after the successful completion of a first course in high school biology and one in high school chemistry as well. It aims to provide students with the conceptual framework, factual knowledge, and analytical skills necessary to deal critically with the rapidly changing science of biology.

After taking the AP Biology course, students may elect to take the AP Biology exam, which includes multiple-choice questions and timed essays. Examination preparation will be extensive and occur throughout the entire school year. Depending on the college of their choice, students may earn one semester of college credit if they obtain the certain score their college requires.

COURSE NUMBER 432 HUMAN ANATOMY AND PHYSIOLOGY
STATE COURSE CODE: 03053A000 Anatomy and Physiology

CREDIT: 1

Grade: 10/11/12

PREREQUISITES: Successful completion of Biology with a grade of “C” or above, Life Science with a grade of “B” or above, or instructor approval.

The emphasis of this class shall be in specific areas of human anatomy and physiology. This class will review the basic biological concepts and skills learned in previous life science classes and apply them to the human body. Topics covered in this class include advanced biochemistry, advanced cellular structure and function, cellular metabolism, histology, and studies of the major human body systems: integumentary system, skeletal system, muscular system, nervous system, the senses, endocrine system, cardiovascular system, lymphatic and immune systems, digestive system, respiratory system, urinary system, and reproductive system. During the study of the human body there will also be advanced laboratory activities and intensive dissections and lab practical exams of a cat along with other mammalian organs.

COURSE NUMBER 433 AP CHEMISTRY
STATE COURSE CODE: 03106A000 AP Chemistry

CREDIT: 1

Grade: 11/12

PREREQUISITES: Successful completion of Chemistry with a grade of “C” or above or instructor approval-

The AP Chemistry course is designed to be the equivalent of the general chemistry course usually taken during the first college year. Students in this course should attain a depth of understanding of fundamentals and a reasonable competence in dealing with chemical problems. The course should contribute to the development of the students’ abilities to think clearly and to express their ideas, orally and in writing, with clarity and logic. The college course in general chemistry differs qualitatively from the usual first secondary school course in chemistry with respect to the kind of textbook used, the topics covered, the emphasis on chemical calculations and the mathematical formulation of principles, and the kind of laboratory work done by students. Quantitative differences appear in the number of topics treated, the time spent on the course by students, and the nature and the variety of experiments done in the laboratory. Required topics include structure of matter, states of matter, reactions, descriptive chemistry, and laboratory experiments.

After taking the AP Chemistry course, students may elect to take the AP Chemistry exam, which includes multiple-choice questions and timed essays. Examination preparation will be extensive and occur throughout the entire school year. Depending on the college of their choice, students may earn one semester of college credit if they obtain the certain score their college requires.

FOREIGN LANGUAGE

COURSE NUMBER 140 SPANISH I
STATE COURSE CODE: 06101A000 Spanish I
CREDIT: 1

Grade: 09/10/11/12

PREREQUISITES: For entry into Spanish I as a freshman, student must have earned a B average in 8th grade literature and language. Sophomores do not need to meet this requirement.

This is a one-year course in which students will begin to learn the language and culture of the Spanish-speaking world. This class will be taught in Spanish. Students will learn Spanish vocabulary and grammar at a beginning level. Students will be graded on their ability to communicate and understand the Spanish language. Homework, presentations, exams and participation in class will help students strengthen their learning of the Spanish language. Students must pass Spanish I with an 80% (B) or better to be accepted for enrollment in Spanish II.

COURSE NUMBER 240 SPANISH II
STATE COURSE CODE: 06102A000 Spanish II
CREDIT: 1

Grade: 10/11/12

PREREQUISITES: Students must pass Spanish I with an 80% (B) or better to be accepted for enrollment in Spanish II.

This course will be offered to students who have successfully completed Spanish I and have scored a 75% (C) or better on the competency test. This class will be taught in Spanish. Students will learn Spanish vocabulary and grammar at an intermediate level. Students will be expected to communicate in Spanish during class. Homework, presentations, exams and participation in class will help students strengthen their ability to communicate in the target language. Students must pass Spanish II with an 80% (B) or better to be accepted for enrollment in Spanish III.

COURSE NUMBER 340 SPANISH III
STATE COURSE CODE: 06103A000 Spanish III
CREDIT: 1

Grade: 11/12

PREREQUISITES: Students must pass Spanish II with an 80% (B) or better to be accepted for enrollment in Spanish III. In Spanish III, students will further enhance their second language skills through the study of advanced grammar, vocabulary, culture and conversational practice. The history and literature of various Spanish-speaking countries will be introduced. This class will be taught in Spanish. Students will be expected to use the Spanish language to communicate at a more advance level. Homework, presentations, exams and participation in class will help students strengthen their ability to communicate in the target language at a more advanced level. Students must pass Spanish III with an 80% (B) or better to be accepted for enrollment in Spanish IV.

COURSE NUMBER 341 LATIN-AMERICAN STUDIES
STATE COURSE CODE: 06180A00 Spanish Conversation and Culture
CREDIT: 1

GRADE: 11/12

PREREQUISITE: Successfully completed 2 or more years of Spanish

Students will further their learning of culture, art, history, music, cuisine and literature of Latin-America through a variety of fun-filled hands-on activities. This class will be taught in Spanish with the intention to prepare students to be culturally and linguistically able to function in a global society.

COURSE NUMBER 440 AP SPANISH (DUAL CREDIT COURSE FLG-140 [s1] and FLG-141 [s2])
STATE COURSE CODE: 06112A000 AP Spanish Language
CREDIT: 1

Grade: 12

PREREQUISITE: A minimum of three years of Spanish with grade of a B or better. This course offers the opportunity to willing and academically well prepared students to earn college credit, advanced placement or both. In this course students will further their language across three communicative modes (Interpersonal [interactive communication], Interpretive [receptive communication], and Presentational [productive communication]), and the five goal areas outlined in the *Standards for Foreign Language Learning in the 21st Century* (Communication, Cultures, Connections, Comparisons, and Communities). The course is meant to be comparable to third year (fifth or sixth semester) college and university courses that focus on speaking and writing in the target language at an advanced level.

BUSINESS & TECHNOLOGY

BUSINESS EDUCATION

Sullivan High School Business Course Possible Sequence Map

Freshmen	Intro to Business-Economics, Intro to Business-Finance, Digital Literacy (9 weeks)
Sophomore	Intro to Business-Economics, Intro to Business-Finance, Business Management & Entrepreneurship, Product Oriented Marketing (Yearbook), Accounting I
Junior	Accounting I, Accounting II, Product Oriented Marketing I (Yearbook), Advanced Marketing I, Business Management & Entrepreneurship
Senior	Accounting I, Accounting II, Product Oriented Marketing (Yearbook), Advanced Marketing I or II, Business Management & Entrepreneurship, Workplace Experience

COURSE NUMBER 150 INTRO TO BUSINESS – ECONOMICS (Fall only)

STATE COURSE CODE: 12001A001 Business & Technology Concepts

CREDIT: 0.5

Grade: 09/10

This is a one-semester course geared toward the 9th and 10th grade student.

1. Our economic system.
2. Business in our economy.
3. Labor and government in our economy.
4. Careers in our economy.
5. Consumers in our economy.
6. Living and working with technology.

COURSE NUMBER 151 INTRO TO BUSINESS – FINANCE (Spring only)

STATE COURSE CODE: 12001A001 Business Technology & Procedures

CREDIT: 0.5

Grade: 09/10

This is a one-semester course geared toward the 9th and 10th grade student.

1. Financial institutions and banking services.
2. The business of credit.
3. Planning your savings and investments.
4. Protection from economic loss.
5. Financial management.

COURSE NUMBER 154 DIGITAL LITERACY

STATE COURSE CODE: 10008A001 Digital Literacy and Responsibility

CREDIT: 0.25

Grade: 9

This 9-WEEK foundation-level course prepares students to use technology in a proficient and proper manner in school, in the workforce, and in everyday life. The course contains the skills for working in an Internet or networked environment and the knowledge of what it means to be a good digital citizen and how to use technology responsibly. Students will be introduced to the concepts and applications of file management, word processing, spreadsheets, databases, presentation software, and the internet. Topics will include exposure to software for each of these areas of study.

COURSE NUMBER 350 BUSINESS MANAGEMENT AND ENTREPRENEURSHIP

STATE COURSE CODE: 12052A001 Business Management

CREDIT: 1

Grade: 10/11/12

Entrepreneurship and Business Management is an elective two-semester course for Sophomore/Junior/Senior level students that will acquaint students with the knowledge and skills needed whether they choose to own and operate their own business or choose to be in management. This course provides students with the skills to perform planning, staffing, financing, and controlling functions within a business, as well as, understanding economics, business and labor laws, legal rights, business structures, and the interconnections among industry, government, and the global economy.

COURSE NUMBER 354 ACCOUNTING I
STATE COURSE CODE: 12104A001 Accounting I
CREDIT: 1

Grade: 10 (with permission)/11/12

This is a two-semester course designed to develop basic skills in accounting. The course is designed to develop job-entry skills used in systematically computing, classifying, recording, verifying and maintaining numerical data.

1. Accounting as a career.
2. Journalizing transactions, which include transaction analysis.
3. Posting to a general ledger.
4. Preparation of a worksheet.
5. Preparation of balance sheet and income statement.
6. Preparation of adjusting and closing entries.
7. Use of a checking account and bank statement reconciliation.
8. Journalizing purchase of merchandise and cash payment transactions.
9. Journalizing sales of merchandise and cash receipt transactions.
10. Use of subsidiary ledgers.
11. Recording transactions dealing with partnerships.
12. Financial statements for partnerships.
13. Worksheet for a merchandising business.

COURSE NUMBER 356 PRINCIPLES OF MARKETING
STATE COURSE CODE: 12167A000 Principals of Marketing
CREDIT: 0.5

Grade: 11/12

This course will focus on a wide range of topics about the movement of goods and services from producers to consumers. Topics include promotion, advertising, display and sales, market research. Additionally, we'll apply this learning to Internet marketing, social media marketing, and sport/entertainment marketing.

COURSE NUMBER 358 PRODUCT ORIENTED MARKETING (YEARBOOK I)
STATE COURSE CODE: 12164A001 Product-Oriented Marketing
CREDIT: 1

Grade: 10/11/12

This is an elective co-curricular two-semester course geared toward the 11th and 12th grade student. Sophomores may take with instructor approval. Enrollment in this course focuses on the design, promotion, sale, layout, organization, display, distribution, and communication skills involved in creating and developing the school's yearbook. Students will be required to attend after school activities to take pictures at sporting events, work concession stands, and interact with the public to sell advertisements. Enrollment is limited to 15 students per year.

1. Layout design.
2. Writing copy.
3. Photography: taking pictures; enhancing pictures on the computer; printing pictures.
4. Interviewing techniques.
5. Production management.
6. Sales and marketing promotions.
 - a. Develop the communication skills necessary to sell products both one-on-one and to a group.
 - b. Design a sales promotion campaign for a product.
 - c. Design a display for presenting a group of related products.
 - d. Recognize the different aspects of the economy and how they affect a merchant.
 - e. Become familiar with the possible careers in marketing that are available.

COURSE NUMBER 359, 362 ADVANCED MARKETING (YEARBOOK I, II)

STATE COURSE CODE: 12152A001 Advanced Marketing

CREDIT: 1

Grade: 11/12

Comprehensive courses focus on the wide range of factors that influence the flow of goods and services from the producer to the consumer. Topics may include (but are not limited to) market research, the purchasing process, distribution systems, warehouse and inventory control, salesmanship, sales promotions, shoplifting and theft control, business management, and entrepreneurship. Human relations, computers, and economics are often covered as well.

COURSE NUMBER 450 ACCOUNTING II

STATE COURSE CODE: 12104A002 Accounting I

CREDIT: 1

Grade: 11/12

This is a two-semester course designed to continue the development of basic skills in accounting. The course is designed to develop job-entry skills used in systematically computing, classifying, recording, verifying, and maintaining data. Student must have completed Accounting I with a C or better grade in both semesters.

1. Uses of accounting information and the basic financial statements.
2. Measuring financial transactions.
3. Measuring business income.
4. Completing the accounting cycle.
5. Accounting for merchandising operations.
6. Financial reporting and analysis.
7. Short-term liquid assets.
8. Inventories.
9. Long-term assets.
10. Current liabilities and the time value of money.
11. Long-term liabilities.
12. Contributed capital.
13. Computerized accounting.
14. 10-key calculator skills (if time permits).

TECHNOLOGY

COURSE NUMBER: 152 COMPUTER CONCEPTS

STATE COURSE CODE: 10004A001 Computer Concepts and Software Applications

CREDIT: 0.5

Grade: 9/10/11/12

Computer Concepts and Software Applications is an orientation-level course designed to develop awareness and understanding of application software and equipment used by employees 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, such as word processing, spreadsheets, database management, presentation software, and desktop publishing. Students will explore topics related to computer concepts, operating systems, telecommunications and emerging technologies. The development of employability skills, as well as transition skills, will be included in the course as well as an understanding of the ethical considerations that arise in using information processing equipment and gaining access to available databases.

COURSE NUMBER: 153 DIGITAL MEDIA

STATE COURSE CODE: 10201A001 Web Page and Interactive Media Development I

CREDIT: 0.5

Grade: 9/10/11/12

This semester course will cover the use of programs such as PowerPoint and Slides. It will also include Video and Video Editing including uploads to YouTube/Facebook, etc. It will cover basics of Sound in Digital media, as well as the use of YouTube Creator Studio. Students will be assigned to record and upload various events as part of the homework for this course.

COURSE NUMBER: 251 WEB DESIGN

STATE COURSE CODE: 10201A001 Web Page and Interactive Media Development I

CREDIT: 0.5

Grade: 9/10/11/12

This semester course will show basics in HTML, CSS, Google Sites, Thrillshare, and other web-based sites. It may include Dreamweaver and swift general coding. Students may be assigned to complete or update the school website as well as those within the community or area businesses.

COURSE NUMBER: 253 GRAPHIC DESIGN

STATE COURSE CODE: 10201A002 Web Page and Interactive Media Development II

CREDIT: 0.5

Grade: 9/10/11/12

This semester course will cover the use of programs such as Adobe Illustrator and Adobe Photoshop to enhance graphic design. Students will be assigned to complete various designs, potentially working with the community and area businesses. It could also include Adobe Indesign and Adobe Dreamweaver.

COURSE NUMBER: 349 NETWORKING & TECHNOLOGY

STATE COURSE CODE: 10102A001

CREDIT: 0.5

Grade: 10/11/12

Computer Networking I CTE Course Computer Networking I is a skill-level course designed to provide students with the skills needed to setup, configure, test, troubleshoot, maintain, and administer a data network using various network operating systems such as Novell, Windows, and Linux. 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. Students will also learn how to setup and manage file systems and resources, and network topologies, protocols, and system utilities to efficiently run software applications - 162 on a network. Students will learn to use basic operating system commands, install and configure networks, set up user accounts and rights, and establish user security and permissions.

INDUSTRIAL TECHNOLOGY

COURSE NUMBER 160 ORIENTATION TO TECHNOLOGY EDUCATION**STATE COURSE CODE: 21052A002 Introduction to Technology & Engineering****CREDIT: 1****Grade: 9**

This course is designed to meet the specifications for the orientation level of the Education for Employment curriculum model. The four orientation units consist of communication, energy, production, and transportation technology. Each unit will involve students in a wide range of business activities and experiences. Included are units on producing and assembling goods, designing an aerodynamic vehicle and testing mechanical and electrical power systems. Enrollment in this class is limited to 20 students.

COURSE NUMBER 260 PRODUCTION**STATE COURSE CODE: 13052A001 Production Technology** (Enrollment limited to 20 students.)**CREDIT: 1****Grade: 10****PREREQUISITE:** Successful Completion of Orientation to Technology Education

This class is designed to help students develop an appreciation of the hands-on activities found within the manufacturing industry. This course includes units on material and processes, manufacturing and construction. Each unit will involve students in a wide range of activities and experiences. This will include things like managing and organizing people, researching and developing products, producing and assembling goods, generating plans and specifications, marketing and distributing finished goods, product design, materials and processes, tools and equipment, safety procedures, and research and development. In construction, students are exposed to site preparation, foundations, building structures, and finishing and servicing structures.

COURSE NUMBER 360 CAD I - Possible Dual Credit for Intro to Drafting (1st sem.) & CAD Drafting (2nd sem.)**STATE COURSE CODE: 21106A001 Mechanical Drafting I****CREDIT: 1****Grade: 11/12**

This course is designed to provide students interested in a career in drafting with an overview of the information and practical experience needed to pursue drafting-related occupations. The course content includes preparing various sketches (freehand, isometric, oblique), performing basic layouts, detailed drawings such as sectional and isometric views, using various reproduction techniques and using CAD command processes to produce CAD grid drawings. Students will utilize the Autocad, Inventor, and Revit software.

First Semester will be Intro to Drafting.

Second Semester will be Intro to CAD Drafting

COURSE NUMBER 461 MANUFACTURING TECHNOLOGY & FOUNDATIONS I**STATE COURSE CODE: 13055A001 Precision Metal Production I** (Enrollment is limited to 15 students.)**CREDIT: 1****Grade: 11/12****PREREQUISITE:** Production I or permission of instructor/principal.

This course employs teaching/learning strategies that enable students to build their own understanding of new ideas and how they are applied to manufacturing technology. It is designed to engage students in exploring and deepening their understanding of "big ideas" regarding technology and apply technological processes to solve real problems and develop knowledge and skills to design, modify, use and apply technology in the following areas: engineering design, manufacturing technologies, construction technologies, energy & power, information & communication technologies and emerging technologies.

COURSE NUMBER 462 MANUFACTURING TECHNOLOGY & FOUNDATIONS II**STATE COURSE CODE: 13055A002 Precision Metal Production II** (Enrollment is limited to 15 students.)**CREDIT: 1****Grade: 12****PREREQUISITE:** Successful completion of Manufacturing Technology & Foundations I or instructor/principal permission.

This course employs teaching/learning strategies that enable students to build their own understanding of new ideas and how they are applied to manufacturing technology. It is designed to engage students in exploring and deepening their understanding of "big ideas" regarding technology and apply technological processes to solve real problems and develop knowledge and skills to design, modify, use and apply technology in the following areas: engineering design, manufacturing technologies, construction technologies, energy & power, information & communication technologies and emerging technologies.

COURSE NUMBER 466 CAD II/DRAFTING (Enrollment is limited to twelve students)

STATE COURSE CODE: 21106A002 Mechanical Drafting II

CREDIT: 1

Grade: 12

PREREQUISITE: Successful completion of CAD I

This course continues the learning begun in Drafting/Computer-Aided Drafting I and emphasizes the areas of performing presentation techniques such as various graphs, producing architectural drawings, interpreting codes, and constructing structural working drawings, producing mechanical and electrical/electronic working drawings, using and producing CAD drawings. Students will utilize the Autocad, Inventor, and Revit software.

COURSE NUMBER 460 WELDING I (DUAL CREDIT COURSE: WEL-057)

STATE COURSE CODE: 13207A003 Beginning Welding

CREDIT: 1

Grade: 11/12

Welding courses enable students to gain knowledge of the properties, uses, and applications of various metals, skills in various processes used to join and cut metals (such as oxyacetylene, shielded metal, metal inert gas, and tungsten arc processes), and experience in identifying, selecting, and rating appropriate techniques. Welding courses often include instruction in interpreting blueprints or other types of specifications. For dual credit purposes, this course will cover basic welding processes, including: Oxy-Acetylene welding, Arc welding, and cutting & brazing.

COURSE NUMBER 463 WELDING II

STATE COURSE CODE: 13207A001 Welding Technology I

CREDIT: 1

Grade: 12

This course assists students in gaining the knowledge and developing the basic skills needed to be successful in welding technology. Units of instruction include arc, TIG and MIG welding, metallurgy, cutting metal using arc, plasma, and oxy -gas. In addition, students learn the basics of blueprint reading, precision measuring, layout, and production process planning.

FAMILY AND CONSUMER SCIENCES

COURSE NUMBER 170 INTRO TO FAMILY & CONSUMER SCIENCES *(Limit: 24 per section)*

STATE COURSE CODE: 22201A001 Introduction to FCS Careers

CREDIT: 0.5

Grade: 09/10/11/12

This course is the first course for all programs. It is designed to present basic subject matter in six areas:

Clothing and Textiles

Resource Management

Foods and Nutrition

Housing, Furnishings and Equipment

Human Development, Interpersonal and Family Relationships

Introduction to the World of Work

Learning experiences assist students in understanding themselves, their roles in today's society and the nature of homemaking and other family and consumer sciences related careers.

COURSE NUMBER 171 CULINARY ARTS I *(Limit: 24 per section)*

STATE COURSE CODE: 16054A001 Nutrition & Culinary Arts I

CREDIT: 0.5

Grade: 09/10/11/12

PREREQUISITE: Intro to Family & Consumer Sciences (Recommended)

This course includes basic classroom and laboratory experiences needed to develop knowledge and understanding of basic food principles and applied nutrition for people of all ages. The course content centers around the following duty areas: promoting food service and preparation management using the decision-making process; meeting basic needs by applying nutrition concepts; meeting health and safety needs in planning, preparing and serving food; maximizing resources when planning/preparing/serving foods; promoting hospitality in food practices; and analyzing individual and family nutritional needs in relation to change. Information related to careers in foods and nutrition is incorporated throughout the course.

COURSE NUMBER 172 CULINARY ARTS II *(Limit: 24 per section)*

STATE COURSE CODE: 16054A002 Nutrition & Culinary Arts II

CREDIT: 0.5

Grade: 09/10/11/12

PREREQUISITE: Intro to Family & Consumer Sciences (Recommended), Culinary Arts I

This course is a continuation of Culinary Arts 1. This course provides principles of application into the hospitality and restaurant industry, including nutrition, culinary, and entrepreneurial opportunities. Course content includes the following: selection, purchase, preparation, and conservation of food, dietary needs and trends, regional and international cuisine, safety and sanitation, and careers in food services industries. All of these concepts can be interpreted through laboratory experiences.

COURSE NUMBER 173 PARENTING

STATE COURSE CODE: 22204A001 Parenting

CREDIT: 0.5

Grade: 09/10/11/12

This course helps students understand the responsibilities, satisfactions, and stress of parenthood. Units include: effective parenting skills, teen pregnancy/parenthood, prenatal development, preparing for birth, giving birth, baby arrival and development through the first three years, and practicing health and safety standards through the first three years.

COURSE NUMBER 175 CHILD DEVELOPMENT

STATE COURSE CODE: 19052A001 Child Development and Parenting

CREDIT: 0.5

Grade: 09/10/11/12

This course addresses the knowledge, skills, attitudes, and behaviors associated with supporting and promoting the development of infants and children. This project based course will focus on research-based nurturing to promote the positive development of children. Students will learn skills associated with building a career portfolio in early childhood services.

COURSE NUMBER 176 TEXTILES AND DESIGN
STATE COURSE CODE: 19204A002 Textiles and Design Occupations
CREDIT: 0.5
Grade: 09/10/11/12

The Textile and Design course focuses on the study and application of functional and aesthetic design, production and planning, manufacturing processes, and quality assessments of textile products. Students will learn about careers in fashion and interior design and use hands-on experiences to deep dive into what these careers entail. Students will develop portfolios in both subjects, along with project development and management, safety codes, and mastery of textile/design skills.

COURSE NUMBER 375, 376 CHILD & DAY CARE SERVICES I & II
STATE COURSE CODE: 19051A001 Care & Learning Services Occupations
CREDIT: 2
Grade: 11/12
PREREQUISITE:

1. Passing Child Development with a C or better and earning ECE Level 1 credential
2. Be willing to provide own transportation to and from Sullivan Preschool
3. Instructor approval

A two-semester course designed for students wanting to enter the field of Early Childhood Education. This course will provide students with hands-on experience in a preschool setting, teaching and learning with teachers daily. Students are expected to engage with preschool aged students, observe cooperating teachers, and plan lessons. Students will end the course preparing to earn their CDA certification.

This course is designed to provide students interested in a career in child and day care operations with information and practical experiences needed for the development of job-related competencies. Students will be provided laboratory experiences either in a school-based or extended campus facility. Students will be expected to develop appropriate skills in program development and in assisting with children's and/or adult's activities. Classroom study is concerned with the philosophy and management of care centers and the state and local regulations governing care-giving operations. The main learning experiences will involve actual work with children/adults in situations that simulate those found in business and industry as well as preparation for the activity. Students who take mentoring at the same time will be assigned a work site set up by the instructor.

Other information:

480 hours of observation required for certification

Students will report to the preschool from 7:30-10:30 daily

Students may need to start at the preschool week before school starts

COURSE NUMBER 455 CONSUMER ECONOMICS
STATE COURSE CODE: 22210A001 Family Resource Management & Planning
CREDIT: 0.5
Grade: 11

Learning experiences focus on the understandings and skills needed to make decisions about the use of resources and prevention strategies that contribute to an improved quality of everyday life. The course content includes the following areas:

1. Utilizing resources and consumer information by applying goal setting and decision making skills and identifying opportunity costs and trade-offs involved in making choices about how to use scarce economic resources.
2. Evaluate the basic features of different economic systems, with emphasis placed on the US economic system as well as examine the importance of economic relationships among nations.
3. Evaluating use of resources to meet social, physical and psychological needs.
4. Applying consumer rights and responsibilities in the market place focusing on the different consumer agencies that address consumer issues and concerns. (Warranties, guarantees, and product safety)
5. Evaluating different types of installment purchasing and credit.
6. Selecting shelter (apartments vs. houses, landlord/tenant rights and responsibilities, security deposits)
7. Demonstrate financial decision making in the areas of budgeting, investing, and taxes.
8. Choosing between different types of home, life and health insurance.
9. Searching, selecting, applying for, and interviewing for a job as well as completing a mock interview for employment with a business in the community.
10. Choose among checking and savings options offered by banks and credit unions.
11. Searching, selecting, applying for financing, and purchasing a car.

AGRICULTURE

COURSE NUMBER 180 INTRODUCTION TO AGRICULTURE, FOOD, & NATURAL RESOURCES**STATE COURSE CODE: 18001A000 Introduction to Agriculture and Natural Resources****CREDIT: 1****Grade: 09/10**

This course provides an opportunity for students to be introduced to the scope and impact of the agricultural industry. Basic concepts in animal science, plant science, soil science, horticulture, natural resources, agribusiness management, and agricultural mechanics will be presented. Students will learn a brief history of the National FFA Organization and participation will be encouraged. Creating a Supervised Agricultural Experience (SAE) project is an integral course component for leadership development, career exploration and reinforcement of academic concepts.

COURSE NUMBER: 232 VETERINARY SCIENCE**STATE COURSE CODE: 18105A000 Veterinary Science****Credit: 1****Grade: 10/11/12****PREREQUISITES:** Completion of Life Science or Biology

This course will develop students' understanding of both the companion and production animal industries. Topics of instruction include animal ethics and welfare issues, animal services to humans, veterinary office practices, genetics, animal anatomy and physiology, animal health, animal nutrition, and animal reproduction. Participation in a Supervised Agricultural Experience (SAE) project is an integral course component for leadership development, career exploration and reinforcement of academic concepts.

COURSE NUMBER 235 HORTICULTURE SCIENCE AND PRODUCTION**STATE COURSE CODE: 18051A001 Horticulture Production and Management CTE Course****CREDIT: 1****Grade: 10/11/12****PREREQUISITES:** Completion of Life Science or Biology

This course is designed to introduce students to the horticulture industry and provide them with basic plant science knowledge. Major units of instruction include horticulture research, horticultural careers, plant anatomy, seed germination, plant propagation, growing media, pest management, hydroponics, identifying horticultural plants, growing greenhouse crops, landscape design, and floral design. Participation in a Supervised Agricultural Experience (SAE) project is an integral course component for leadership development, career exploration and reinforcement of academic concepts.

COURSE NUMBER 334 AGRICULTURAL ENGINEERING**STATE COURSE CODE: 18449A002 Physical Science Applications in Agriculture CTE Course****CREDIT: 1****Grade: 11/12****PREREQUISITES:** Successful completion of Veterinary Science or Horticulture Science and Production

This course is designed to reinforce and extend students' understanding of physical science and the scientific process by associating scientific and math principles and concepts with relevant applications in agriculture. Topics of study are in the areas of scientific investigations, environmental/natural resource systems, agricultural production systems, agricultural structural systems, energy and power systems, agricultural mechanics and machine systems, and food processing systems. The course will be valuable preparation for further education, and will increase the relevance of science through the applied setting of agriculture. Participation in a Supervised Agricultural Experience (SAE) project is an integral course component for leadership development, career exploration and reinforcement of academic concepts.

COURSE NUMBER 480 AGRICULTURAL BUSINESS MANAGEMENT & LEADERSHIP**STATE COURSE CODE: 18201A001 Agricultural Business Management CTE Course****CREDIT: 1****Grade: 11/12****PREREQUISITE:** Student is taking Agricultural Science route or consent of instructor

This course will provide students with the basic knowledge and skills necessary to manage personal finances and develop into a successful entrepreneur and/or businessperson. Instructional units include: business ownership types, starting an agribusiness, managing and operating an agribusiness, financing an agribusiness, managing personal finances, record keeping and financial management of an agribusiness, sales and marketing, economic principles, and developing employability skills. Students will gain the knowledge and leadership experiences to help them to become successful in life and in the workplace; thus, enhancing their potential for leadership development, personal growth, and career success. Student skills will be enhanced

in math, reading comprehension, and both written and oral communication through agribusiness applications. Participation in a Supervised Agricultural Experience (SAE) project is an integral course component for leadership development, career exploration and reinforcement of academic concepts. **This course will satisfy the student's State of Illinois Consumer Education requirement.**

MUSIC AND ART

COURSE NUMBER 080 SINGERS SHOW CHOIR**STATE COURSE CODE: 05111A000 Vocal Ensembles****CREDIT: 1****Grade: 09/10/11/12****PREREQUISITE:** Audition and approval by instructor

Dynamics, phrasing, balance, blend, intonation, sight-reading, vocal technique, dramatic expression, stage movement and dance. Students will participate in many performances throughout the year, including (but not limited to): community performances such as 'Oktoberfest,' public performances such as the Fall Musical (or Musical Revue), Winter Concert, and Dinner/Dessert Theatre; as well as numerous competitions during the Spring Semester. Competitions will be both local and out-of-state. Additional after-school rehearsals are required for this course. There is a financial commitment, as well as time commitment for this ensemble.

COURSE NUMBER 081 GENERAL CHOIR**STATE COURSE CODE: 05110A000 Chorus****CREDIT: 1****Grade: 09/10/11/12**

This performance-oriented vocal music group is open to all students who enjoy singing. Students will warm up with vocal exercises, be taught the rudiments of music theory, correct singing, and prepare vocal pieces for performance in a concert setting.

COURSE NUMBER 082 BAND**STATE COURSE CODE: 05101A000 General Band****CREDIT: 1****Grade: 09/10/11/12****PREREQUISITE:** Prior experience in band class or director approval.

Band is a performance based course in which students will learn about the elements of music through band literature. Some of these elements include dynamics, phrasing, sight reading, form, appropriate performance practice in relation to genre, technical elements of their instrument, balance, and intonation. Students enrolled in this class are required to participate in several performance mediums including concert band, marching band, pep band, and graduation band. This class will require performances and extra rehearsals that take place outside of the school day.

Colorguard is an auxiliary group of student that performs along with the Marching Redskins during the first quarter of the school year. The color guard provides a distinct visual effect to the marching band show, as well as in parade performances, through the manipulation of flags and other implements. This class is co-curricular and is performance based offering the students more opportunities to perform in band activities across the state. Color guard students are not expected to be enrolled in the class, but will be expected to attend rehearsals and performances that meet outside of the school day.

COURSE NUMBER 083 HONORS VOCAL MUSIC**STATE COURSE CODE: 05111A000 Vocal Ensembles (Honors)****CREDIT: 1****Grade: 12****PREREQUISITE:** Instructor permission in addition to the completion of Singers Show Choir or General Choir with an A average or higher; *to be offered in conjunction with a Senior level vocal course.

Honors Music (Vocal) is a self-directed course for students with exceptional ability who are interested in pursuing music within their future. Students will build a portfolio of work based on a concentration of ideas and a breadth to show variety of skills. Initiative and the ability to work independently are imperative. To be accepted into the Honors Vocal Studio, students will have demonstrated personal responsibility by setting goals for individual projects, working independently, consistently demonstrating self-motivation and time management to complete assignments and performing within higher-level ensembles. Honors will be awarded based upon the completion of certain activities within a numbered system: activities include auditioning for District and State Ensembles, attending ACDA or MEA conferences as students, competing at the solo level, or holding student leadership roles within the program.

COURSE NUMBER 084 HONORS INSTRUMENTAL MUSIC

STATE COURSE CODE: 05101A000 General Band (Honors)

CREDIT: 1

Grade: 10/11/12

PREREQUISITE: At least 2 years of participation in band, with an A average; and consent of instructor.

Honors Music (Instrumental) will provide a more comprehensive music experience for junior and senior band students looking for a challenging and personally driven music experience. Students will be expected to fulfill all of the requirements of the regular high school band course, as well as come up with a personally designed plan from an approved list of experiences to fulfill the honors music requirements. Some of these options include: auditioning for district band, participating in ILMEA, taking private lessons, participating as a teacher in the Music Mentors program, and attending outside performances.

COURSE NUMBER 085 NEW GENERATION WOMEN'S SHOW CHOIR

STATE COURSE CODE: 05111A000 Vocal Ensembles

CREDIT: 1

Grade: 09/10/11/12

PREREQUISITE: *This is a women-only ensemble.* Audition and approval by instructor.

Dynamics, phrasing, balance, blend, intonation, sight-reading, vocal technique, dramatic expression, stage movement and dance. Students will participate in many performances throughout the year, including (but not limited to): community performances such as 'Oktoberfest,' public performances such as the Fall Musical (or Musical Revue), Winter Concert, and Dinner/Dessert Theatre; as well as numerous competitions during the Spring Semester. Competitions will be both local and out-of-state. Additional after-school rehearsals are required for this course. There is a financial commitment, as well as time commitment for this ensemble.

COURSE NUMBER 086 PERCUSSION ENSEMBLE

STATE COURSE CODE: 05101A000 General Band

CREDIT: 1

Grade: 9/10/11/12

PREREQUISITE: Prior experience in band class as a percussionist is required or **director approval**.

Percussion Ensemble is a performance based course in which students will learn about the elements of music through percussion instruments. Some of these elements include music reading, technique, rudiment study, rhythm, dynamic contrast, phrasing, and appropriate performance practice in relation to genre. These concepts will be studied through both solo and ensemble percussion literature. This class will require performances and extra rehearsals that take place outside of the school day.

Students enrolled in this class are required to participate in several performance mediums including concert band, marching band, pep band, and graduation band. This class will require performances and extra rehearsals that take place outside of the school day.

COURSE NUMBER 087 INTRODUCTION TO GUITAR

STATE COURSE CODE: 05108A000 Guitar

CREDIT: 0.5

Grade: 9/10/11/12

PREREQUISITE: None

Introduction to Guitar is a class designed for students to learn the basics of playing the guitar. There is no prior music experience necessary to enrolling in this course, and those with no guitar experience or little formal training are encouraged to enroll. This course will cover guitar technique for rhythmic and melodic playing, various forms of music notation and music theory, and instrument maintenance.

Students are highly encouraged to have their own guitars to participate in the course, as there are limited school guitars available for borrowing.

COURSE NUMBER 088 MUSIC HISTORY/APPRECIATION

STATE COURSE CODE: 05116A000 Music History/Appreciation

CREDIT: 0.5

Grade: 9/10/11/12

PREREQUISITE: None

Give students an understanding of music and the importance it plays in their lives. Course content will focus on various styles and the history of where music came from in relation to the human experience. May focus on various styles of music to apply musical elements to analyze societal impact. Informal music performances and creation may occur within the classroom. Will also discuss beginnings of musical creation and theory.

COURSE NUMBER 089 AP MUSIC THEORY

STATE COURSE CODE: 05114A000 AP Music Theory

CREDIT: 1

Grade: 11/12

PREREQUISITE: 2 years of participation in any performing ensemble at Sullivan High School or completion of Music History/Appreciation course

Course is designed to be the equivalent of first-year music theory college courses as specified by the College Board. Students will develop understanding of musical structure and compositional procedures. Class is intended for students who possess performance-level skills to extend their understanding of intervals, scales, chords, metric/rhythmic patterns, and the way compositions are developed. Notation, Analysis, composition, and aural skills are important components of the course.

COURSE NUMBER 190 ART I

STATE COURSE CODE: 05199A000 Visual Arts-Other

CREDIT: 1

Grade: 09/10/11/12

Art I is an introductory level course for students that are serious and confident about continuing on with their art skills throughout their high school careers. This class gives students the opportunity to learn about aesthetics, art criticism, art history, visual culture, and the elements of art through studio projects. Students will create projects assigned to them using drawing, painting, clay, fiber, and multimedia materials. Assessment will be based upon projects, written and oral critiques, quizzes and exams. **This class will be capped at 25 students per section with preference given to older students then by instructor approval.**

COURSE NUMBER 290 ART II

STATE COURSE CODE: 05199A000 Visual Arts-Other

CREDIT: 1

Grade: 10/11/12

PREREQUISITE: Art I with a B average/higher or Art Survey with an A average.

Students will build upon previously learned skills to create intermediate studio projects in drawing, painting, printmaking, ceramics, fiber arts, crafts, sculpture, and computer graphics. Students study in greater depth the elements and principles of design, aesthetics, visual culture, art criticism and the history of art. Tests and quizzes are given on concepts studied, videos, art history and individual artists. Developing literal, expressive and design qualities in drawings is emphasized. All studio projects are developed by sketching out ideas.

COURSE NUMBER 390 ART III

STATE COURSE CODE: 05199A000 Visual Arts-Other (Enriched)

CREDIT: 1

Grade: 11/12

PREREQUISITE: Art II with an A average.

Students will continue to build upon previously learned skills to create advanced studio projects in drawing, painting, printmaking, ceramics, fiber arts, crafts, sculpture, and computer graphics. Students review the elements and principles of design, aesthetics, art criticism, visual culture, and the history of art. Studio projects are directly linked to artists and periods of art history. Tests and quizzes are given on concepts and artists studied. Students are encouraged to develop their own ideas, enter competitions, and build a portfolio of their individual work.

COURSE NUMBER 492 HONORS ART STUDIO
STATE COURSE CODE: 05199A000 Visual Arts-Other (Honors)
CREDIT: 1
Grade: 12

PREREQUISITE: Art Survey, Art I, Art II, or Art III with an A average.

Honors Art Studio is a self-directed course for students with exceptional ability who wish to pursue a particular studio area and who are interested in pursuing art within their future. Students will build a portfolio of work based on a concentration of ideas and a breadth to show variety of skills. Initiative and the ability to work independently are imperative. To be accepted into the Honors Studio, students will have demonstrated personal responsibility by setting goals for individual projects, working independently, consistently demonstrating self-motivation and time management to complete assignments. Weekly sketches and an art journal outside of class are required. Grades are based on ability to be self-directed, creation and completion of original studio projects, a 12-piece concentration and 12-piece breadth portfolio along with written critique assignments.

**HEALTH
DRIVER EDUCATION
PHYSICAL EDUCATION**

Enrollment Procedures
Physical Education
Sullivan High School

1. All students are required to take four years of physical education at SHS except for certain waivers as described in the Course Description book. Students may choose either Recreational P.E. (lifelong fitness/games/etc.) or Athletic P.E. (for athletes or physical training enthusiasts).
2. Student-athletes who desire to enroll in Athletic P.E. class must plan to compete in at least one interscholastic sport during the school year and/or have participated in at least one sport the previous school year. An interscholastic sport is defined as any sport in which Sullivan High School competes in an IHSA sanctioned event. If a student-athlete should quit a sport or be dropped from a sport their participation in Athletic P.E. would be terminated at that time, with the student being assigned to Recreational P.E. Non-athletes may appeal to the principal for admittance to Athletic P.E. Any student participating in Athletic P.E. and not performing to the instructor's expectations will be recommended to the administration for removal from Athletic P.E. and assignment to Recreational P.E.
3. Students are expected to dress and participate each day physical education class is held. Students in Athletic P.E. will be allowed to "make-up" a no dress by working two thirty-minute periods in the weight room for each no dress. One day per week will be designated as the day for make-up by the individual teacher of Athletic P.E. A student will be allowed to make-up only four no-dress days per quarter.
4. All students in Athletic P.E. will follow the workout as listed by the instructor, not their own individual workout (unless notified by a medical doctor or the school's trainer).
5. In Athletic P.E., injured student-athletes will perform lifts that use the uninjured parts of their bodies, as recommended by the athletic trainer or their medical doctor to the instructor. Injured non-student athletes participating in athletic physical education will perform lifts that use the uninjured parts of their bodies, as recommended by the school nurse or their medical doctor. While students are under the care of a physician, they may perform their rehabilitation exercises as requested by the physician through the athletic trainer or school nurse. The athletic trainer or school nurse will communicate with the instructor after consultation with the individual physician.
6. In Recreational P.E., injured students will report to the media center to do an alternative assignment to earn their participation points. It is possible to fail PE with a medical. If the reports are not completed, no points will be awarded.

COURSE NUMBER 050 CO-ED RECREATIONAL P.E. – FALL
COURSE NUMBER 051 CO-ED RECREATIONAL P.E. – SPRING
STATE COURSE CODE: 08004A000 Recreation Sports
CREDIT: 0.5
Grade: 09/10/11/12

The program is fitness based with a focus on building cardiovascular endurance and muscular strength. Two days a week will be spent on a variety of fitness activities in the gym or outside. Two days will be spent on skills in the weight room. The students will have the opportunity to play games/sports one day a week. Fitness tests will be used to assess the fitness level of the students as well as progress throughout the year.

Students' daily grades will be based on participation and attitude with the total of 15 points per day. There will be a few projects and other written work that will be used for their grade.

COURSE NUMBER 054 ATHLETIC P.E. – FALL
COURSE NUMBER 056 ATHLETIC P.E. – SPRING
STATE COURSE CODE: 08005A000 Fitness/Conditioning Activities
CREDIT: 0.5

Grade: 09/10/11/12

PREREQUISITE: Participation in Interscholastic Sports or principal approval.

Anatomy and musculature of the human body; biomechanics and strength improvement; fitness strategies for sports skills and health improvement.

Weight Lifting and Conditioning

1. Three days a week you will be in the weight room working on your individual strength, focusing on the core. Athletes will be strengthening their core by improving their bench press, parallel squat, and power clean.
2. Two days a week they will be doing cross fit training, speed enhancement training, agility/plyometric training, or conditioning. The goals for those days are to improve their explosiveness and endurance as an athlete.

Grading System

Grades will be based on the following areas. There will be opportunities to earn extra credit throughout the year.

1. **Daily Participation**
 - a. Work Ethic, Attitude, Safety and Proper Form
 - i. Points will be taken away athletes are not working to their full potential. Students will receive one warning before deducting points.
 - ii. Rules of the Weight Room should always be followed to stay safe
 - iii. Proper form needs to be demonstrated for all lifts.
 - b. Daily Dress – Students will be deducted points for not wearing their own full uniform.
2. **Methods of Evaluation**
 - a. Workout Book (filled out by athlete daily)
 - b. Fitness Testing
 - i. Maxing Out in three different lifts every 9 weeks
 - ii. Cardiovascular Tests
 - c. Written Projects

COURSE NUMBER 295 HEALTH
STATE COURSE CODE: 08051A000 Health Education
CREDIT: 0.5

Grade: 10 Required

Students will learn the importance of developing positive personal attitudes by living a Holistic (well-rounded, physical, mental and social) lifestyle. The student will understand that they can determine the future of their health. Students are expected to take lecture notes, keep a thorough semester folder and participate in classroom discussions. Grades will be based on daily homework assignments, topic enrichment essays, weekly quizzes, written unit tests and semester projects.

COURSE NUMBER 296 DRIVER EDUCATION-REQUIRED BY END OF SOPHOMORE YEAR
STATE COURSE CODE: 08152A000 Driver's Education-Classroom & Laboratory
CREDIT: 0.25

Grade: 9

In order for a student to enroll in driver education, the student must be 15 years of age. The student must have passed eight (8) courses in the previous two semesters. A course is defined as being worth 1/2 Carnegie unit of credit. If a ninth grade student is otherwise eligible for driver education, courses taken in the eighth grade will be used to meet the eight course requirements.

It is the student's responsibility to notify the counselor if their prerequisites will not allow them to complete the course and allow for issuance of their IP three months prior to their sixteenth birthday.

During the classroom phase, students will demonstrate written knowledge of Illinois traffic laws, traffic control, skills for the control of a vehicle, basic automobile maneuvers and an action plan for driving decisions. Students are required to keep a notebook for class lectures. Students will demonstrate knowledge and skill in driving safely on public roads. During the BTW phase, grades are assigned as pass or fail. The State of Illinois requires that the student take at least 30 hours of classroom and 6 hours Behind the Wheel. Students between the ages of 15 and 20 may enroll in the classroom phase of Driver Education. Teens who are licensed on January 1, 2008 or after are required to hold their instruction permit for a minimum of nine (9) months. This law requires the parent to certify that the teen has completed at least 50 hours of supervised behind-the-

wheel training outside of a driver education class (including 10 night hours). Under the Zero Tolerance law, drivers under 21 caught with even a trace of alcohol in their systems will lose their driving privileges. Students not passing the Classroom Phase will be eligible to re-enroll after one semester has passed (e.g., if a student fails fall semester, he/she will be allowed to re-enroll in the summer semester).

OFF CAMPUS AND DUAL ENROLLMENT COURSES

COURSE NUMBER 477 HEALTH OCCUPATIONS (DUAL CREDIT COURSE)

(Taught at Sarah Bush Health Care or Shelby Memorial)

STATE COURSE CODE: 14051A001 Nursing Assistant

CREDIT: 2

Grade: 12

PREREQUISITE:

1. Be classified as a senior by credits earned (at least 16 credits at the end of the junior year).
2. Be enrolled in or have already passed all courses required for graduation.
3. Have at least a 2.0 GPA on a 4.0 scale.
4. Meet all course specific requirements & complete necessary paperwork for Lake Land College.
5. Have the recommendation of the high school principal to take the off-campus course.
6. Be willing to provide his/her own transportation to and from the off-campus site. Students will be required to sign an *Agreement for Self-Transportation by Student* concerning insurance and liability before being allowed to drive to off-campus classes. (Sarah Bush Lincoln Health Center or Shelbyville Manor)

Anatomy and physiology, monitoring vital signs, aseptic technique, body mechanics, nutrition, orientation to professionalism in health care, delivery and career exploration. Students design the final nine weeks of the course with five one-week internships in health care and in one health care area for four weeks.

COURSE NUMBER 468 WORKPLACE EXPERIENCE/MENTORING

STATE COURSE CODE: 22153A001 Cooperative Education

CREDIT: 1

Grade: 12

PREREQUISITES:

1. Be classified a senior by credits earned (at least 18 credits at the end of the student's junior year).
2. Be enrolled in or have already passed all courses required for graduation.
3. Have a least a 2.0 GPA on a 4.0 scale.
4. Meet all course specific requirements & complete necessary paperwork for Lake Land College.
5. Have the recommendation of the high school principal to take off-campus course(s) or work.
6. Be willing to provide his/her own transportation to and from the off-campus site. Students will be required to sign an *Agreement for Self-Transportation by Student* concerning insurance and liability before being allowed to drive to off-campus classes or work.

This program is designed to introduce the student to career opportunities in the local area. The student will spend time each day at the job site observing, shadowing, and participating to some extent in the normal daily activities of the business partner. Goals are typically set cooperatively by the student, teacher, and employer (although students are not necessarily paid). These courses may include classroom activities as well, involving further study of the field or discussion regarding experiences that students encounter in the workplace.

Workplace Experience is a method by which students learn and develop through active participation in thoughtfully organized service experiences that:

- A. Meet community needs.
- B. Are coordinated in collaboration with the school community.
- C. Are integrated into students' curriculum on an individual basis.
- D. Provide structured time for students to think, talk and write about what they did in the service activity.
- E. Provide opportunities for young people to use academic skills learned in the regular classroom.
- F. Enhance what is taught by extending the student's learning beyond the classroom.
- G. Helps foster a sense of community by teaching students to care for others.

Students who are accepted for enrollment in the Mentoring program will be required to do each of the following:

- A. Write a daily journal of activities for reflection.
- B. Access presentations and hand-outs through Internet to complete assignments independently per schedule.
- C. Write a thank you to the organization, which cooperated with the student in the project.

COURSE NUMBER 491 CREATING ECONOMIC OPPORTUNITIES (CEO) (DUAL CREDIT COURSE)

STATE COURSE CODE: 12053A000

CREDIT: 2

Grade: 11/12

Creating Entrepreneurial Opportunities (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 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. **This course will satisfy the student's State of Illinois Consumer Education requirement.**

LIFE SKILLS

COURSE NUMBER 021 JOB SHADOWING
STATE COURSE CODE: 22104A000 Community Service

CREDIT: 0.5

Grade: 10/11/12

Service Learning provides students with the opportunity to volunteer their time, energy, and talents to serve a community project or organization. This course is conducted with a seminar component, so that students can use their volunteer experiences to learn how to solve problems, make decisions, and communicate effectively. Students can take Service Learning more than once with instructor approval.

COURSE NUMBER 069 STUDY SKILLS
STATE COURSE CODE: 22004A000 Dropout Prevention Program

CREDIT: 0.5

Grade: 09/10/11/12

An RtI system for students to promote success in the classroom, school, home, the community and beyond. The Study Skills instruction emphasizes daily attendance, assignment completion, organization, and personal accountability. Transition plans for post-secondary life are developed through interest inventories, career exploration, goal setting, and job shadowing.

COURSE NUMBER 096 ENGLISH LAB
STATE COURSE CODE 01009A000 Language Arts Laboratory

CREDIT: 1

Grade: 09/10/11/12

PREREQUISITE: Academic team / Administration recommendation only

Language Arts Laboratory courses provide instruction in basic language skills, integrating reading, writing, speaking, and listening, while placing great emphasis on the progress of individual students. Course content depends upon students' abilities and may include vocabulary building, improving spelling and grammar, developing writing and composition skills, reading silently or aloud, and improving listening and comprehension abilities.

COURSE NUMBER 097 MATH LAB
STATE COURSE CODE: 02001A000 Informal Mathematics

CREDIT: 1

Grade: 09/10/11/12

PREREQUISITE: Academic team / Administration recommendation only

Informal Mathematics courses emphasize the teaching of mathematics as problem solving, communication, and reasoning, and highlight the connections among mathematical topics and between mathematics and other disciplines. These courses approach the teaching of general math, pre-algebra, and pre-geometry topics by applying numbers, and algebraic and geometric concepts and relationships to real world problems.

COURSE NUMBER 098/099 RESOURCE
STATE COURSE CODE: 22003A000 Study Skills

CREDIT: 1

Grade: 09/10/11/12

PREREQUISITE: Academic team / Administration recommendation only

This course is designed to provide essential related services, progress monitoring, academic-support skills, teach self-advocacy, evaluate and strengthen common core skills while focusing on transitional needs.

COURSE NUMBER 100 FRESHMAN SEMINAR
STATE COURSE CODE: 22102A000 SCHOOL ORIENTATION

CREDIT: 1

Grade: 9

Provides students with an introduction to the culture of their school so that they understand staff expectations and the school's structure and conventions. These courses may vary widely according to the philosophy, aims, and methods of each school.