

Course Description Book



**Sullivan High School
2017-2018**

2017-2018 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 you 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 guidance counselor to register for courses. Since there is one counselor available for all the students at Sullivan High School, we must ask that students take seriously their responsibility to see that they contact the guidance counselor for an appointment to register for their courses. Failure to see the guidance 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. A schedule will be posted in the guidance office to allow each student time to meet with the guidance counselor to select courses.

Incoming freshmen and their parents will have the opportunity to meet with the principal, the guidance 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 6 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)	2.0/*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	Can be taken any year
Health	0.5	Sophomore Requirement
Consumer Education (Includes Resource Management)	0.5	Senior 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		17.5/*18.5
Elective Credits Required		6.5/*5.5
Total Credits Required for Graduation		24.0
12 hrs of service are required for graduation.		
Driver Education (Driver Education may be taken as academic credit)	0.5	

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.

*Beginning with the freshman class of 2015-2016, students will be required to earn 3.0 credits in science courses. This will change the elective requirement for these students to 5.5 credits.

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 next page.)

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 a 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).

State University Foreign Language Requirements for Admission and Graduation

University	Foreign Language Requirement for Admission	Foreign Language Requirement for Graduation
Chicago State University	Not required	All Majors - 6 hours of college language (can be met by assessment /proficiency test or college level courses only)
Eastern Illinois University	Not required	All Bachelor Degrees - 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, 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, as well as the Public Health, Art History, and Urban Studies programs require proficiency to the 4th 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.	Not required
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
	305	Journalism I	10/11/12	2	1
	306	Journalism II	11/12	2	1
	307	Journalism III	12	2	1
	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	
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
	211	Informal Geometry	10/11/12	2	1
	312	Transition Algebra	11/12	2	1
	212	Algebra II	10/11/12	3	1
	310	Algebra w/Trig	11/12	3	1
	410	AP Calculus	12	3	1
411	Statistics	12	3	1	
28		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	09/10/11/12	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	

Page #	Course #	Course Title	Grade	Weight	Credit
31		SCIENCE			
	130	Life Science	09/10/11/12	2	1
	131	Biology	9/10/11/12	3	1
	230	General Chemistry	10/11/12	2	1
	231	Chemistry	10/11/12	3	1
	232	Agricultural Science	10	2	1
	330	Physical Science	11/12	2	1
	331	Physics	11/12	3	1
	332	Bio Science Applications	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
36		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
	440	AP Spanish	12	3	1
38		BUSINESS EDUCATION			
	150	Intro to Business - Economics	09/10	2	0.5
	151	Intro to Business - Finance	09/10	2	0.5
	251	Tech Com & Presentations	09/10/11/12	2	0.5
	252	Technical Vocational Math	10/11/12	2	0.5
	350	Entrepreneurship	11/12	2	1
	351	Practical Software Applications	11/12	2	0.5
	352	Computer Operations & Programming I	11/12	2	0.5
	354	Accounting I	11/12	2	1
	355	Desktop Publishing	10/11/12	2	0.5
	356	Web Page Design	10/11/12	2	0.5
	358	Product Oriented Marketing	10/11/12	2	1
	420	Mentoring	12	2	1
	450	Accounting II	11/12	3	1
	455	Consumer Economics	12	2	0.5

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	2	1
	461	Manufacturing Technology I	11/12	2	1
	462	Manufacturing Technology II	11/12	2	1
	466	CAD II/Drafting	12	2	1
	460	Welding	11/12	2	1
	467	Manufacturing Skills	12	2	2
	468	Workplace Experience	12	2	2
49		FAMILY AND CONSUMER SCIENCES			
	170	Intro to Family & Consumer Sciences I	09/10	2	0.5
	176	Intro to Family & Consumer Sciences II	09/10	2	0.5
	171	Foods & Nutrition	09/10	2	0.5
	173	Child Development and Care I	09/10	2	0.5
	174	Child Development and Care II	09/10	2	0.5
	175	Human Development	09/10	2	0.5
	370	Living Environments (Interior Design)	11/12	2	0.5
	375	Child & Day Care Services	11/12	2	1
	470	Parenting	11/12	2	0.5
	471	Adult Living	11/12	2	0.5
53		AGRICULTURE			
	180	Intro to Ag Industries	09/10	2	1
	232	Agricultural Science	10	2	1
	332	Bio Science Applications / Greenhouse Production & Mgt	11/12	3	1
	361	Ag Mechanics & Technology	11/12	3	1
	380	Agricultural Sales & Marketing	11/12	3	1
	480	Agribusiness Management	11/12	3	1
56		MUSIC AND ART			
	080	Singers Show Choir	09/10/11/12	2	1
	081	General 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	12	3	1
	191	Art Survey	09/10/11/12	2	0.5
	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
	395	Photography I	11/12	2	0.5
	495	Photography II	11/12	2	1

Page #	Course #	Course Title	Grade	Weight	Credit
60		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	0.5
64		OFF CAMPUS AND DUAL ENROLLMENT COURSES			
	477	Health Occupations	12	3	2
	467	Manufacturing Skills	12	2	2
	468	Workplace Experience	12	2	2
67		LIFE SKILLS			
	069	Life Strategies	09/10/11/12	1	0.5
	021	Service Learning	09/10/11/12	1	0.5
	096	English Lab	09/10/11/12	1	1
	097	Math Lab	09/10/11/12	1	1
	098/099	Study Skills	09/10/11/12	1	0.5

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
Practical Software Application
Entrepreneurship / Business Management
Accounting I & II
Web Page Design
Marketing
Mentoring
Computer Operations & Programming I

Family & consumer Science:

Intro to FCS I & II
Child Development I & II
Food & Nutrition
Child Day Care Services
Adult Living
Parenting
Human Development

Industrial Technology:

Orientation to Tech Education
Production
Manufacturing Technology I & II
CAD I & II

Agriculture:

Intro to Agriculture
Ag Science
Bio Science Application
Agricultural Sales & Marketing
Ag Business Management
Ag Mechanics

Off-Campus:

Health Occupations
Career Academy: Manufacturing Skills
Workplace Experience

Art:

Photography I & II

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)

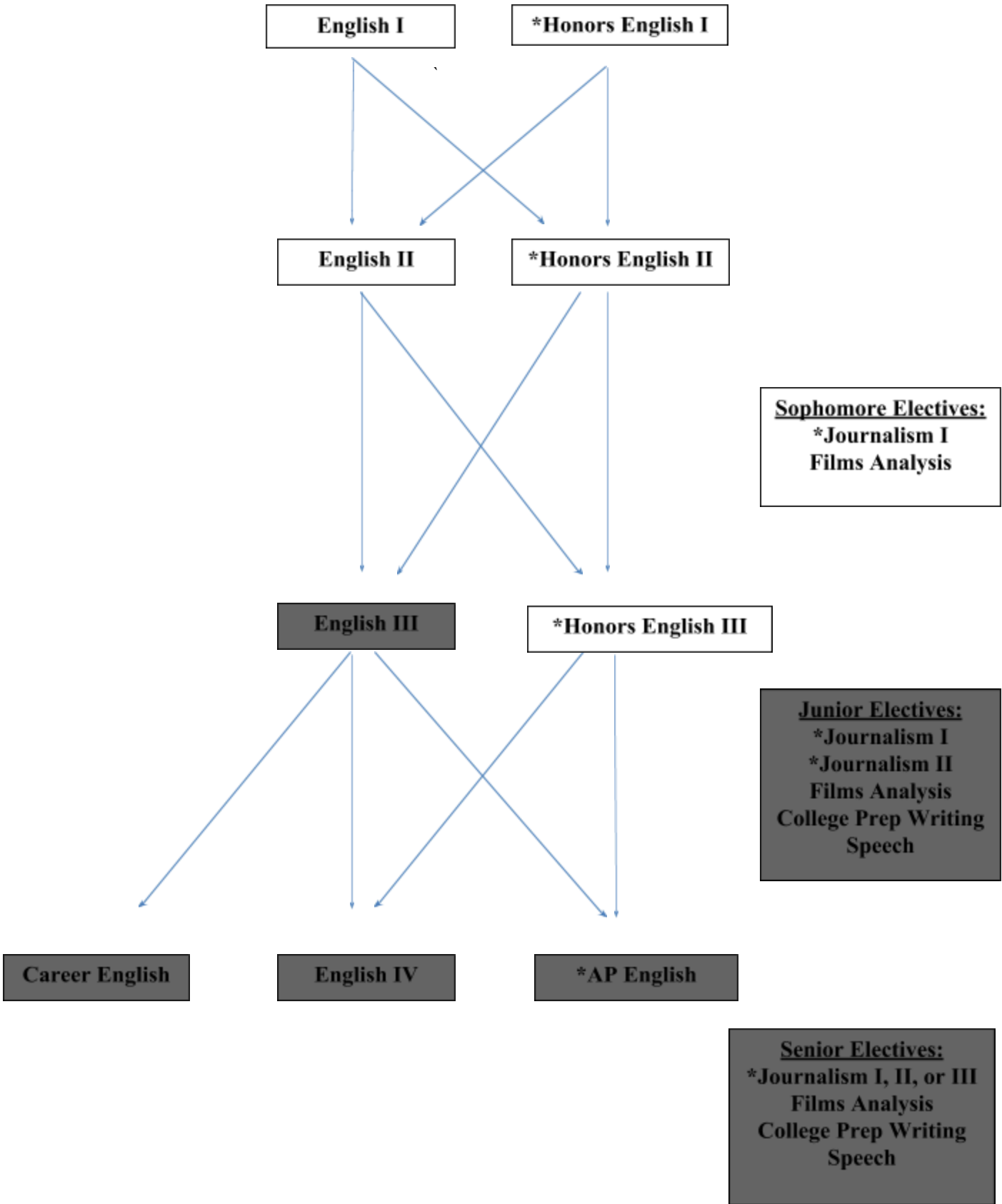
Sullivan Community Unit School District #300 has designated the Superintendent to coordinate Unit #300 efforts to comply with the Federal Law under Title IX of the Educational Amendments of 1972, and to handle grievances alleging non-compliance with the Act that prohibits sex discrimination in federally 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

English Course Sequence



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 numerous essays with emphasis on narration and exposition; interpret a variety of literature; do oral presentations; study *Romeo and Juliet* and assigned novel(s), and/or independent reading assignments; learn reading strategies through the study of fiction, non-fiction, drama, and/or poetry; conduct research and learn documentation formats; and study grammar/mechanics and various language skills. A research-based oral biography project will be completed by all students. Grades will be based on projects, tests, homework, class participation, oral 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:**

To enroll in Honors English I, a student must meet two of the following criteria:

1. Obtain an 80% (B) average during both semesters of 8th grade English
2. Score above grade level in Reading and Language Arts section of MAP
3. Score at the Exceeds level on state testing in English/Language Arts

Students are expected to master basic writing, speaking, researching, and interpreting skills. Students will write numerous essays with emphasis on narration and exposition; interpret a variety of literature; do oral presentations; study *Romeo and Juliet* and assigned novel(s), and/or independent reading assignments; learn reading strategies through the study of fiction, non-fiction, drama, and/or poetry; conduct research and learn documentation formats; and study grammar/mechanics and various language skills. A research-based oral biography project will be completed by all students. Grades will be based on projects, tests, homework, class participation, oral 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 numerous essays with emphasis on persuasion and exposition; interpret a variety of literature; do oral presentations; study *Julius Caesar*; study *Night* and/or other Holocaust-related literature/film (which includes a study of Nazi atrocities during the Holocaust); and/or independent reading assignments; learn reading strategies through the study of fiction and non-fiction; conduct research and learn documentation formats; study grammar/mechanics and various language skills; and study technical writing as time allows. A researched PowerPoint presentation will be given by all students. Grades will be based on projects, tests, homework, class participation, oral 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:**

To stay in the Honors English program a student must meet two of the following:

1. Completion of Honors English I with an 80% or higher both semesters or be determined eligible after a review of grades if they have a C, D, or F grade during one semester of Honors English I.
2. Score above grade level in Reading and Language Arts section of MAP
3. Score at the Exceeds level on state testing in English/Language Arts

Students are expected to master basic writing, speaking, researching, and interpreting skills. Students will write numerous essays with emphasis on persuasion and exposition; interpret a variety of literature; do oral presentations; study *Julius Caesar*; study *Night* and/or other Holocaust-related literature/film (which includes a study of Nazi atrocities during the Holocaust) and/or independent reading assignments; learn reading strategies through the study of fiction and non-fiction; conduct research and learn documentation formats; study grammar/mechanics and various language skills; and study technical writing as time allows. A researched PowerPoint presentation will be given by all students. Grades will be based on projects, tests, homework, class participation, oral 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 oral communication and reading comprehension. Students will be evaluated on the writing they produce which will include the following types: expository, compare and contrast, literary analysis, persuasive/argumentative, and creative. In addition, a typed research paper will be required. Reading assignments will include various works from a survey of American literature and/or independent reading assignments; A review of grammar usage and punctuation will be conducted to improve writing skills. Grades will be based on projects, tests, homework, class participation, oral 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:

To stay in the Honors English program a student must meet two of the following:

1. Completion of Honors English II with an 80% or higher both semesters or be determined eligible after a review of grades if they have a C, D, or F grade during one semester of Honors English II.
2. Score above grade level in Reading and Language Arts section of MAP
3. Score at the Exceeds level on state testing in English/Language Arts

Students are expected to demonstrate mastery in written and oral communications as well as in literary analysis and interpretation. Students will be evaluated on the writing they produce which will include the following types: expository, compare and contrast, literary analysis, persuasive/argumentative, and creative. 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/or independent reading assignments; A review of grammar usage and punctuation will be conducted to improve writing skills. Grades will be based on projects, tests, homework, class participation, oral 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, persuasive, analytical, and digital writing. Students will also engage in writing for college applications, study research and documentation, and participate in creative writing and storytelling as time allows. A review of grammar usage and punctuation will be conducted to improve writing skills. Homework, quizzes and tests, written assignments, oral reports and other assignments will be used to evaluate students.

COURSE NUMBER 305, 306, 307 JOURNALISM I, II, & III**STATE COURSE CODE: 11101A000 Journalism****CREDIT: 1****Grade: 10/11/12****PREREQUISITES:**

1. A minimum of a C composite in at least one year of high school English.
2. Enrollment in, or completion of, a second year of high school English.

Journalism is an introductory course designed to teach students the basic skills associated with the ever-changing world of journalism in a mass society. This course is intended for students who are interested in writing for and producing the school newspaper, The SHS Signal. The course will enhance student writing ability as the enrollees learn how to write the various types of articles required of reporters including: news, features, sports and editorials. Students will also study media law in terms of the First Amendment guarantees in The Constitution and some of the landmark cases that have set precedents in this country as well as interviewing and headline writing. Students will also learn basic desktop publishing skills as they apply to journalism layout and paste up and will be involved in long-range planning and goal setting, newspaper analysis, scheduling and photography as assigned. Students are expected to work in all areas needed to produce an excellent newspaper and may be required to put in several hours of out-of-class work to accomplish that goal. Students may be required to complete one layout project per semester. Grades for this course will be generated from daily work, quizzes, tests, special projects and samples of student writing, as well as meeting deadlines, class participation and journals.

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 the representation of a work of literature in two different artistic mediums. Students will be expected to evaluate the content, discuss the expression of themes in both mediums, and interpret the intentions of the author and director. Students will be required to write essays that incorporate expository elements, as well as literary analysis. Students will be expected to read novels in and out of class, and write a number of extended response essays. This class is available to all students in 10th through 12th grade.

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 will include: informative, demonstrative, persuasive, memorization, and reading a children's story to kids, and/or others depending on class size and goals. Other topics (including discussion, debate, radio, TV and 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, learn how to write several types of letters, participate in formal meetings, and conduct events. Students will 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; Guest speakers and the development of special persuasive and other projects may also be offered. Grades will be based on homework, written and oral projects 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 oral communications as well as in literary analysis and interpretation. They will be evaluated on the writing they produce which will be predominantly expository, persuasive, and analytical. In addition, one 5-7 page typed written and oral persuasive proposal will be required to show mastery of persuasion and analysis of an occupational or social issue. Reading assignments will include various works from a survey of literature, which includes the Victorian and Modern Eras. Students will read from a variety of genres including novels and one Shakespearean play. Grades will be based on projects, tests, homework, class participation, oral presentations, writing, and a variety of other assignments and assessments.

COURSE NUMBER 402 AP ENGLISH LANGUAGE AND COMPOSITION**STATE COURSE CODE: 01005A000 AP English Language and Composition****CREDIT: 1****Grade: 12****PREREQUISITE #1:**

To enroll in AP Language and Composition, a student must meet two of the following criteria:

1. Obtain an 80% (B) average during both semesters or be determined eligible after a review of grades if they have a C, D, or F grade during one semester of Honors English III.
2. Score above grade level in Reading and Language Arts section of MAP.
3. Score at the Exceeds level on state testing in English/Language Arts.

PREREQUISITE #2:

Students wishing to qualify for admission to the Senior AP 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 learn the history and value of rhetoric, which will include an in-depth study of the rhetorical triangle and style. Students will also be reading 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. Applying their knowledge of the rhetorical triangle and style, students will analyze and interpret such works.

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, analytical, and argumentative writing, all of which they must do in college. Students should expect the workload 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.

MATHEMATICS

The lowest course that must be completed successfully to prepare a student for taking college-level coursework is Algebra II.

Technical / Career Pathway

9th	Algebra I Concepts	
10th	Informal Geometry	
11th	Transition Algebra	
12th	Algebra II or Statistics	Elective

College-Prep / College Pathway

9th	Algebra I	
10th	Geometry	
11th	Algebra II	
12th	Algebra with Trig and/or Statistics	Elective
9th	Algebra I	
10th	Geometry/Algebra II (consecutively)	
11th	Algebra with Trig	
12th	AP Calculus AB and/or Statistics	Elective

9th	Geometry	
10th	Algebra II	
11th	Algebra with Trig	
12th	AP Calculus AB and/or Statistics	Elective

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 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 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 or Transition Algebra and senior status

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

The Sullivan Board of Education has made it School Board Policy to have each junior complete six (6) hours of Community Service and 6 hours of service for all seniors. Any senior that does not have a social studies course must document 6 hours of service under the supervision of an adult and turn that documentation in to the Service Coordinator.

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: 9/10/11/12 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.

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. There is a 6-hour Community Service requirement for this course for graduation.

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

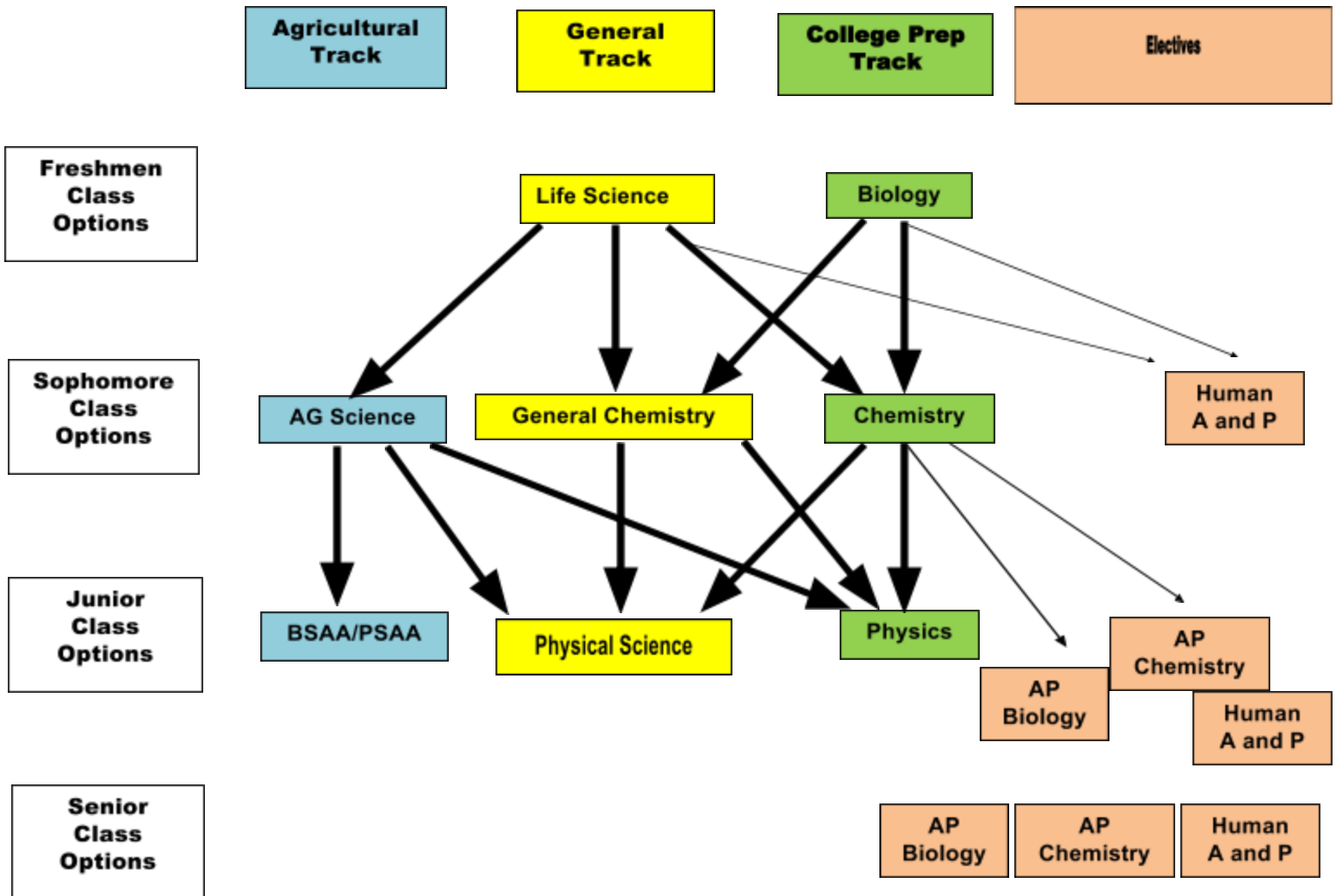
Additional Requirements:

Students are required to complete six (6) hours of community service at some point in their junior and senior year. These hours may be applied toward this course.

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.

SCIENCE

Sullivan High School Science Course Sequence Map



COURSE NUMBER: 130 LIFE SCIENCE

STATE COURSE CODE: 03051A000 Biology

CREDIT: 1

Grade: 9/10/11/12

PREREQUISITES: None, entry level class.

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: 10/11/12

PREREQUISITES: Completion of the Life Science or Biology course.

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

PREREQUISITES: Completion of the Ag Science, General Chemistry, or Chemistry course.

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 AGRICULTURAL SCIENCE
STATE COURSE CODE: 18003A001 Basic Agricultural Science
CREDIT: 1

GRADE: 10/11/12

PREREQUISITES: Completion of Introduction to Ag Industries OR completion of ONE of the following courses: Life Science, Physical Science, General Chemistry, Biology WITH Instructor approval

This course builds on basic skills and knowledge gained in the Introduction to the Agricultural Industry course. Major units of instruction include agricultural research, soil science, advanced plant science, biotechnology, agricultural mechanics, and animal science. Applied science and math skills and concepts will be stressed throughout the course as they relate to each area. Improving technological and workplace skills will be a focus. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration and reinforcement of academic concepts.

COURSE NUMBER: 332 BIOLOGICAL SCIENCE APPLICATIONS /
CREDIT: 1 GREENHOUSE PRODUCTION & MANAGEMENT
STATE COURSE CODE: 18051A002 Biological Science Applications in Agriculture
Grade: 11/12

PREREQUISITES: Completion of any TWO of the following courses: Life Science, Physical Science, General Chemistry, Biology or Ag Sciences

This course is designed to reinforce and extend students understanding of science by associating basic scientific principles and concepts with relevant applications in agriculture. Students will examine major phases of plant growth and management in agriculture and the specific biological science concepts that govern management decisions. Topics of study are in the areas of initiating plant growth – germination, plant sensory mechanisms, enzyme action, absorption, and managing plant growth – photosynthesis, respiration, translocation, metabolism, and growth regulation. Horticultural skills are applied through the management of the school greenhouse. The course will be valuable preparation for further education and will increase the relevance of science through the applied setting of agriculture by enhancing literacy in science and the scientific process

COURSE NUMBER 430 AP BIOLOGY
STATE COURSE CODE: 03056A000 AP Biology
CREDIT: 1
Grade: 11/12

PREREQUISITS: 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

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, oral 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

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, oral 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

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, oral presentations, exams and participation in class will help students strengthen their ability to communicate in the target language at a more advance level. Students must pass Spanish III with an 80% (B) or better to be accepted for enrollment in Spanish IV.

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*¹ (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 EDUCATION

BUSINESS COURSES POSSIBLE SEQUENCES

FRESHMAN	SOPHOMORES	JUNIORS	SENIORS
Intro to Business -Economics	Intro to Business -Economics	Tech Comm. & Presentations	Tech Comm. & Presentations
Intro to Business -Finance	Intro to Business -Finance	Entrepreneurship / Business Management	Entrepreneurship / Business Management
Tech Comm. & Presentations	Tech Comm. & Presentations	Accounting I & II	Accounting I & II
	Accounting I	Practical Software Applications (Dual Credit)	Practical Software Applications (Dual Credit)
	Desktop Publishing	Desktop Publishing	Desktop Publishing
	Web Page Design	Web Page Design	Web Page Design
	Product Oriented Marketing	Product Oriented Marketing	Product Oriented Marketing
	Technical Vocational Math	Computer Operations & Programming I	Computer Operations & Programming I
		Technical Vocational Math	Technical Vocational Math
			Consumer Economics
			Mentoring

COURSE NUMBER 150 INTRO TO BUSINESS – ECONOMICS
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
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 251 TECHNOLOGY COMMUNICATIONS AND PRESENTATIONS
STATE COURSE CODE: 11002A001 Communication Technology
CREDIT: 0.5
Grade: 09/10/11/12

This is a semester course geared toward the 10 & 11 grade student; seniors may take it with admin and/or instructor approval. This one-semester course is designed to expose students to a variety of technical options in preparing class projects and presentations. Students will use MS PowerPoint and other presentation software to create multi-medial presentations that incorporate features including sound, animation, scanned and downloaded pictures and images, recorded sound and video files, and customized presentation features. A variety of hardware products will be used to create and present their multi-media presentations including scanners, digital cameras, and SmartBoards.

In addition, students will create basic slideshows and movies using Photostory, MovieMaker and other software options in which video files are edited and enhanced with audio, music, and appropriate sound effects. Class projects and presentations will also be created using SmartBoard SmartNotebook software.

Audacity Software access will allow students to create and publish Podcasts with recorded sound as well as imported audio effects and music. Podcasts will be published to their web pages created in this course. Students will expand their knowledge of online communication through the exploration and development of blogs and wikis.

COURSE NUMBER 252 TECHNICAL VOCATIONAL MATH
STATE COURSE CODE: 02153A000 Technical Math
CREDIT: 0.5
Grade: 10/11/12

Students in Technical Vocational Math will use their basic math skills applied to real-life situations emphasizing speed and accuracy in computations. Course topics may include but are not limited to rational numbers, systems of measurements, tolerances, numerical languages, geometry, algebra, statistics, and using tables, graphs, charts, and other data displays. Course applications might also include wages, hourly rates, payroll deductions, sales, receipts, accounts payable and receivable, discounts, and interest. Technology is integrated as appropriate. ****THIS WILL NOT BE CONSIDERED MATH CREDIT.**

COURSE NUMBER 350 ENTREPRENEURSHIP / BUSINESS MANAGEMENT
STATE COURSE CODE: 12053A001 Entrepreneurship [s1] / 12052A001 Business Management [s2]
CREDIT: 1
Grade: 11/12

Entrepreneurship and Business Management is an elective two-semester course for 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 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 351 PRACTICAL SOFTWARE APPLICATIONS (DUAL CREDIT COURSE: CIS-160)

STATE COURSE CODE: 10004A001 Computer Concepts & Software Applications

CREDIT: 0.5

Grade: 11/12

In this one semester course, students will be introduced to the concepts and applications of operating systems, word processing, spreadsheets, databases, presentation software, and the internet. Topics will include exposure to software for each of these areas of study. Skills learned using this software will be applied to a variety of personal and professional documents including: newsletters, business reports, outlines, tables, and a variety of creative forms. Daily assignments, written work, quizzes, exams and projects will be used to evaluate students' skills.

(Description and Course Outline from Lake Land College Course Description Book)

CIS 160: Provides an opportunity for the student to work with various types of software on the PC. These learning activities include MS Windows, Word Processing, Spreadsheet Design, Database Management, Internet access, and presentation program.

COURSE NUMBER 352 COMPUTER OPERATIONS & PROGRAMMING I

STATE COURSE CODE: 10152A001 Computer Operations & Programming I

CREDIT: 0.5

Grade: 11/12

Computer Programming courses provide students with the knowledge and skills necessary to construct computer programs in one or more languages. Computer coding and program structure will be introduced using the BASIC language, eventually moving into the Python object-oriented language with Blender Game Engine (or similar program). Students will be exposed to the fundamentals of system analysis and design (e.g. flowcharting, diagramming, system design and planning), and the systems development life cycle. Instruction will include basic programming tools that are common to many programming languages. These may include items such as input/output statements, constants, assignment statements, string and numeric variable types, conditional processing, and branching and looping control structures. Students will learn programming techniques such as counting, averaging, rounding, and generation of random numbers to develop a good programming technique. Students will apply what they learn to create programs and applications that solve real world business related problems. Throughout the course, students will create games or other programs that are designed to store, locate, and retrieve data, utilizing the programming skills and techniques learned in class. This course is geared towards juniors and seniors, but sophomores may be allowed to take the course (upon instructor approval) if there is room in the class. This class is limited to 24 students due to technological resources.

COURSE NUMBER 354 ACCOUNTING I

STATE COURSE CODE: 12104A001 Accounting I

CREDIT: 1

Grade: 10/11/12

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.
14. Dealing with payroll records and payroll transactions.

COURSE NUMBER 355 DESKTOP PUBLISHING**STATE COURSE CODE: 11152A000 Desktop Publishing****CREDIT: 0.5****Grade: 10/11/12**

This is a one-semester course geared toward the 11th and 12th grade student. Sophomores may take with instructor approval. In this semester course students will demonstrate entry-level and intermediate skills in using a variety of hardware and software products to produce professional documents incorporating the basic elements of layout and design as used by graphic artists and designers today. Desktop Publishing principles will be applied to a variety of personal and business documents whether using printed media, electronic presentations or Internet publications. Students will be evaluated on their ability to use equipment and software to produce functionally effective and desirable documents and presentations. Reading assignments will be given designed to acquaint students with basic principles of desktop publishing and do's and don't of effective design. Daily assignments, written work, quizzes, exams and student-designed projects will be used to evaluate students' skills.

COURSE NUMBER 356 WEB PAGE DESIGN**STATE COURSE CODE: 10201A001 Web Page & Interactive Media Development****CREDIT: 0.5****Grade: 10/11/12**

This is a one-semester course geared toward the 11th and 12th grade student. Sophomores may take with instructor approval. In this one semester course students will incorporate the basic elements of design into a variety of creative business and personal web pages. Many software programs will be used to layout each web page. Programs such as: Microsoft Expressions, Notepad, Word, Weebly.com, and Wix.com, will be used. Adobe Photoshop and the internet will be used to create and enhance the artwork students will use to embellish their documents.

Emphasis for the first nine weeks will be on learning the basics of HTML coding that is used to create web pages for personal, professional, and commercial use. Intermediate knowledge of HTML coding as well as use of web development software will be used for web page design and layout during the second nine weeks of the course.

Emphasis on working in teams to complete major projects will be made as well as focusing on successful oral presentation skills. Career possibilities for Graphic Designers and Artists will be explored as well as job-shadowing possibilities.

COURSE NUMBER 358 PRODUCT ORIENTED MARKETING**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. 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 420 MENTORING**STATE COURSE CODE: 22153A001 Cooperative Education**

CREDIT: 1

Grade: 12

PREREQUISITE:

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. The culmination of this non-paid work experience may be a paid part-time job and paid full-time employment following graduation.

Mentoring 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 cares 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 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).

COURSE NUMBER 455 CONSUMER ECONOMICS-REQUIRED REQUIRED FOR SENIORS

STATE COURSE CODE: 22210A001 Family Resource Management & Planning

CREDIT: 0.5

Grade: 12

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.

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 I – Possible Dual Credit for Intro to Welding
STATE COURSE CODE: 13055A001 Precision Metal Production I (Enrollment is limited to 15 students.)
CREDIT: 1
Grade: 11/12

PREREQUISITE: 1. Production I or permission of instructor/principal.

2. Successful completion of freshman and sophomore level math classes.

This course includes a sequence of units planned to provide educational experiences, which enable students to develop competencies, needed for employment and/or continued education in the welding processes, whether manual or automated. Training received in this program may be used as a basis for entry into the labor market or further training at a post-secondary agency. Lab work will be broken down into four units. The class consists of units in oxyacetylene, SMAW, MIG, and TIG welding technologies.

COURSE NUMBER 462 MANUFACTURING TECHNOLOGY II – Possible Dual Credit for Intro to Machine Tool
STATE COURSE CODE: 13055A002 Precision Metal Production II (Enrollment is limited to 15 students.)
CREDIT: 1
Grade: 11/12

PREREQUISITE: Successful completion of Manufacturing Technology I or instructor/principal permission

This course includes a sequence of units planned to provide educational experiences, which enable students to develop competencies, needed for employment and/or continued education in the manufacturing processes, whether manual or automated. Training received in this program may be used as a basis for entry into the labor market or further training at a post-secondary agency. Lab work will be broken down into three units. The class will include metal lathe, end mill, surface

grinding and precision measurement operations.

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 (DUAL CREDIT COURSE: WEL-057)

STATE COURSE CODE: 13207A000 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 467 MANUFACTURING SKILLS

STATE COURSE CODE: 13302A002 Industrial Maintenance II

CREDIT: 2

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 course builds on the skills and concepts introduced in Industrial Maintenance I. This course provides planned learning experiences and activities in safety, advanced mathematics, precision measurement, and blueprint reading. The program also includes instruction in preventative maintenance, automated control systems, automated manufacturing, hydraulic/pneumatic equipment, metal lathe operations, drill press and metal sawing operations, rotating equipment, pipe fitting, and insulation. Students are required to attend classes on the Lake Land College campus Monday thru Friday from 8-10am. All instructors will be employed and evaluated by the College. Career Academy classes will follow the Lake Land College calendar. Weather cancellations are dependent on Lake Land's closing, not a student's home high school. Courses in this program will cover manufacturing skills I-IV, applied shop computations, and writing for the industry.

COURSE NUMBER 468 WORKPLACE EXPERIENCE

STATE COURSE CODE: 22998A000 Miscellaneous-Workplace Experience

CREDIT: 2

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.

Workplace Experience courses provide students with work experience in a field related to their interests. 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.

FAMILY AND CONSUMER SCIENCES

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

STATE COURSE CODE: 22201A001 Introduction to FCS Careers

CREDIT: 0.5

Grade: 09/10

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 176 INTRO TO FAMILY & CONSUMER SCIENCES II *(Limit: 24 per section)*

STATE COURSE CODE: 22201A001 Introduction to FCS Careers

CREDIT: 0.5

Grade: 09/10

This course is the second part of 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.

(Intro to FCS I does not have to be taken before taking Intro to FCS II. Course material will be different from Intro to Family and Consumer Sciences I).

COURSE NUMBER 171 FOODS AND NUTRITION *(Limit: 24 per section)*

STATE COURSE CODE: 16054A001 Nutrition & Culinary Arts I

CREDIT: 0.5

Grade: 09/10

PREREQUISITE: Intro to Family & Consumer Sciences I OR Intro to Family and Consumer Sciences II.

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 173 CHILD DEVELOPMENT AND CARE I

STATE COURSE CODE: 19052A001 Child Development & Parenting

CREDIT: 0.5

Grade: 09/10

This course provides learning experiences related to the physical, emotional, social and intellectual development of children from birth through three years of age. Units include: living in families, effective parenting skills, teen pregnancy/parenthood, prenatal development, preparing for birth, giving birth, baby arrival and development through the first three years, and clothing through the first three years.

COURSE NUMBER 174 CHILD DEVELOPMENT AND CARE II
STATE COURSE CODE: 19052A001 Child Development & Parenting
CREDIT: 0.5
Grade: 09/10

PREREQUISITE: Child Development and Care I

This class is a continuation of Child Development and Care I. Emphasis is upon understanding children from four years through adolescence by concentrating on physical, intellectual, social and emotional development. Units: children from four to six years, children from seven to twelve years, adolescence, problem situations for children, clothing for children four to twelve, health and safety, children's literature/authors, activities for children and careers relating to children.

COURSE NUMBER 175 HUMAN DEVELOPMENT
STATE COURSE CODE: 19053A001 Human Development & Family Wellness
CREDIT: 0.5
Grade: 09/10

The emphasis in this course is on human development from adolescence through maturity and on relationships with others. Emphasis is also placed on meeting physical and psychological needs. Practical experiences related to providing for these needs are included through a variety of activities with groups of young children, families, senior citizens and others. Course content includes broad areas of emphasis: career opportunities, human development, growth and development, self-understanding, relationships with family members, and relationships with others. Information on a variety of career opportunities within the human development field is incorporated throughout the course.

COURSE NUMBER 370 LIVING ENVIRONMENTS (INTERIOR DESIGN)
STATE COURSE CODE: 22211A001 Interior Design: Residential, Commercial, & Public Space
CREDIT: 0.5
Grade: 11/12

Learning experiences are designed to provide students with the basic knowledge and skills needed to select, acquire, maintain and manage living environments that meet the needs of the occupants. The selection and care of housing and furnishings are related to factors such as social-economic conditions, individual tastes, psychological effects, aesthetic values, safety, sanitation and energy conservation. The course content includes the following duty areas: locating and managing housing using goal-setting and decision-making skills; evaluating living space to meet basic needs; creating and maintaining living environments; ensuring health and safety; selecting appropriate resources in creative living environments; determining the impact of the individual and /or group on living environments; applying housing and home management choices relating to changing family/individual and career patterns. Emphasis will be placed on the application of basic management principles as they relate to the environment.

COURSE NUMBER 375 CHILD & DAY CARE SERVICES
STATE COURSE CODE: 19054A001 Care & Learning Services Occupations
CREDIT: 1
Grade: 11/12

PREREQUISITE: Completion of Child Development & Care I and Child Development & Care II with a grade of C or higher or principal/instructor approval.

A two-semester, two credits course designed for 11th and 12th grade students who want to gain work experience in the field of early childhood education.

* Students will receive the second credit through Mentoring. Please remember that you must register and take Child and Day Care Services and Mentoring concurrently in order to receive credit for Child and Day Care Services.

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.

COURSE NUMBER 470 PARENTING**STATE COURSE CODE: 22204A001 Parenting****CREDIT: 0.5****Grade: 11/12**

This course is designed to help students think through the responsibilities, satisfactions, and stresses of parenthood. Many types of parenting situations are examined. Stress prevention and management and the work of community agencies that help parents deal with various types of parenting crises are emphasized. The course content includes the following duty areas: managing and organizing parenting by applying decision-making and goal-setting skills; applying the basic principles of the parenting process; practicing health and safety standards related to parenting; providing experiences which encourage parents and children to maximize resources; encouraging human relations skills in children/adolescents; and evaluating impact on parenting of family and career changes. Special attention is given to teenage parents and to the importance of readiness for parenthood.

COURSE NUMBER 471 ADULT LIVING**STATE COURSE CODE: 22207A001 Family & Career Relationships****CREDIT: 0.5****Grade: 11/12**

This course is designed to assist individuals and families in achieving life satisfaction through responsible participation as adults in the home, community and workplace. Emphasis is placed on the development of prevention strategies which will assist individuals in responding to situations in terms of their identified values and goals. The course content includes the following duty areas: developing short and long-range plans, demonstrating goal-setting and decision-making skills; evaluating and adapting basic needs to assume roles and responsibilities; recognizing and following health practices that assist in coping, selecting and using resources to enhance individual growth and development; developing effective relationships to promote communication with others; and evaluating family and career changes as to the impact on individuals. Various resources to assist with life problems are explored.

AGRICULTURE

COURSE NUMBER 180 INTRO TO AGRICULTURAL INDUSTRIES

STATE COURSE CODE: 18001A001 Introduction to Agricultural Industry

CREDIT: 1**Grade: 09/10**

This course provides an opportunity for students to learn how the agricultural industry is organized; its major components; the economic influence of agriculture at state, national and international levels; and the scope and types of job opportunities in the agricultural field. Basic concepts in animal science, plant science, soil science, horticulture, natural resources, agribusiness management, and agricultural mechanics, will be presented. Improving technological and workplace skills will be a focus. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration and reinforcement of academic concepts.

COURSE NUMBER: 232 AGRICULTURAL SCIENCE

STATE COURSE CODE: 18003A001 Basic Agricultural Science

CREDIT: 1**GRADE: 10/11/12****PREREQUISITES:** Completion of Introduction to Ag Industries OR completion of ONE of the following courses: Life Science, Physical Science, General Chemistry, Biology WITH Instructor approval

This course builds on basic skills and knowledge gained in the Introduction to the Agricultural Industry course. Major units of instruction include agricultural research, soil science, advanced plant science, biotechnology, agricultural mechanics, and animal science. Applied science and math skills and concepts will be stressed throughout the course as they relate to each area. Improving technological and workplace skills will be a focus. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration and reinforcement of academic concepts.

**COURSE NUMBER: 332 BIOLOGICAL SCIENCE APPLICATIONS /
GREENHOUSE PRODUCTION & MANAGEMENT**

STATE COURSE CODE: 18051A002 Biological Science Applications in Agriculture

Grade: 11/12**PREREQUISITES:** Completion of any TWO of the following courses: Life Science, Physical Science, General Chemistry, Biology or Ag Sciences

This course is designed to reinforce and extend students understanding of science by associating basic scientific principles and concepts with relevant applications in agriculture. Students will examine major phases of plant growth and management in agriculture and the specific biological science concepts that govern management decisions. Topics of study are in the areas of initiating plant growth – germination, plant sensory mechanisms, enzyme action, absorption, and managing plant growth – photosynthesis, respiration, translocation, metabolism, and growth regulation. Horticultural skills are applied through the management of the school greenhouse. The course will be valuable preparation for further education and will increase the relevance of science through the applied setting of agriculture by enhancing literacy in science and the scientific process

COURSE NUMBER 361 AGRICULTURAL MECHANICS AND TECHNOLOGY

STATE COURSE CODE: 18402A001 Agricultural Mechanics & Technology

CREDIT: 1**Grade: 11/12****PREREQUISITE:** Successful completion of two years of either Agriculture or Industrial Arts.

This course will concentrate on expanding student's knowledge and experiences with agricultural mechanics technologies utilized in the agricultural industry. Units of instruction included are: design, construction, fabrication, maintenance, welding, electricity/electronics, internal combustion engines, hydraulics, and employability skills. Careers of agricultural construction engineer, electrician, plumber, welder, equipment designer, parts manager, safety inspector, welder, and other related occupations will be examined. Improving workplace and computer skills will be a focus. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration and reinforcement of academic concepts.

COURSE NUMBER 380 AGRICULTURAL SALES AND MARKETING (*Odd Years*)
(DUAL CREDIT COURSE: AGR-123)

STATE COURSE CODE: 18202A001 Agricultural Sales & Marketing

CREDIT: 1

Grade: 11/12

PREREQUISITE: Ag Science or consent of instructor.

This course is designed to develop student knowledge and skills in Agricultural Sales, Agribusiness Marketing, and Commodity Marketing. Instructional units include: agricultural economic principles, marketing and advertising, product development, sales techniques and strategies, communicating with employees and customers, managing risk, international agribusiness, and studying various agricultural companies and career opportunities. Student skills will be enhanced in math, reading comprehension, communications, and writing through agribusiness applications. Improving technological and workplace skills will be a focus. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration and reinforcement of academic concepts.

COURSE NUMBER 480 AGRIBUSINESS MANAGEMENT (*Even Years*)
(DUAL CREDIT COURSE: AGR-046)

STATE COURSE CODE: 18201A001 Agricultural Business Management

CREDIT: 1

Grade: 11/12

PREREQUISITE: Ag Science or consent of instructor

This course will develop students' understanding of the agricultural industry relating to the United States and World marketplace. Instructional units include: Alternative Energy, Aquaculture, business ownership types, planning and organizing the agribusiness, financing the agribusiness, keeping and using records in an agribusiness, operating the agribusiness, and developing employability skills. Student skills will be enhanced in math, reading comprehension, and writing through agribusiness applications. Improving technological and workplace skills will be a focus. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration and reinforcement of academic concepts.

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 numerous show choir competitions, public performances, including the winter and spring concerts, spring musical and Dinner Theatre. Many extra rehearsals are required.

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.

Sight reading, phrasing, dynamics, song form, correct performance style of various genres, articulation, balance, blend and pitch control/intonation. Students enrolled in this class are required to participate in several performance mediums including symphonic band, marching band, pep band, and graduation band. This class is a performance-focused class, offering the students more opportunities to perform as well as compete in band activities across the state. This class will require performances and extra rehearsals that take place outside of the school day.

Performance assessments will be given to evaluate achievement in this course in the form of scales and/or a specified piece of music that will be provided.

Colorguard: is an auxiliary group of student that performs along with the High School Marching Band during the first quarter of the school year. Colorguard adds to the visual effect to the competitive marching band show, as well as in parade performances. This class is co-curricular and is performance based offering the students more opportunities to perform as well as compete in band activities across the state. Colorguard students 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: 12****PREREQUISITE:** At least 2 years participation in band, with an A average; and consent of instructor.

Honors Music (Instrumental) will provide an intensified music experience for Senior Band Students looking for a challenging and personally driven music experience. Students will be expected to fulfill all of the requirements of Course Number 082 Band and come up with a personally designed plan from an approved list of experiences to fulfill honors music requirements. Options include: Taking private lessons, auditioning for All District Band, Participating in Solo and Ensemble Contest, Seeing outside performances and reflecting upon it, and performing a graded jury assessment for the instructor at the end of each semester.

COURSE NUMBER 191 ART SURVEY**STATE COURSE CODE: 05151A000 Art Appreciation****CREDIT: 0.5****Grade: 9/10/11/12**

Art Survey is an exploratory art course that gives students the opportunity to explore a variety of art materials. Students will be instructed in aesthetics, art criticism, and art history. They will be introduced to working with drawing, painting, and 3-dimensional materials. This class is based more on retaining knowledge about art and learning how to create it, not on actual skill level. Assessment will be based upon projects, written and oral critiques, quizzes and exams.

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.

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.

COURSE NUMBER 395 PHOTOGRAPHY I**STATE COURSE CODE: 11052A001 Commercial Photography I****CREDIT: 0.5****Grade: 11/12**

Students will learn and demonstrate the technical aspects of photography while working with principles of design such as composition and balance. This class is project based and students will work to complete specifically assigned tasks. They do not need to provide their own camera but if they have a Digital Single-Lens Reflex camera that can be used at school they may bring one. They will demonstrate the use photography as a communications and marketing tool. This includes an introduction to basic digital photography, stop-motion video making, and the use of computer graphics with Adobe Photoshop Elements. Students will learn the vocabulary of the arts and demonstrate it through oral and written critiques.

COURSE NUMBER 495 PHOTOGRAPHY II**STATE COURSE CODE: 11052A002 Commercial Photography II****CREDIT: 1****Grade: 11/12****PREREQUISITE:** Photography I with an A average.

Students will build upon their introductory level photography learned from Photo I. Students will gain advanced knowledge of digital photography, digital single-lens reflex cameras, Adobe Photoshop Elements and stop-motion video creation. Students will work independently and create their own portfolios of concentrated photography studies. They do not need to provide their own camera but if they have a Digital Single-Lens Reflex camera that can be used at school they may bring one. Students will learn the vocabulary of the arts and demonstrate it through oral and written critiques. They will also explore and study career opportunities that include photography.

**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 20 points per day. There will be a few projects and other written work that will be used for their grade. The students will have a log book that will be completed each day they are in the weight room and a grade will be given at the end of the quarter for the log.

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: 0.5

Grade: 10

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 ENROLLMENT 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 467 MANUFACTURING SKILLS**STATE COURSE CODE: 13302A002 Industrial Maintenance II****CREDIT: 2****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 course builds on the skills and concepts introduced in Industrial Maintenance I. This course provides planned learning experiences and activities in safety, advanced mathematics, precision measurement, and blueprint reading. The program also includes instruction in preventative maintenance, automated control systems, automated manufacturing, hydraulic/pneumatic equipment, metal lathe operations, drill press and metal sawing operations, rotating equipment, pipe fitting, and insulation. Students are required to attend classes on the Lake Land College campus Monday thru Friday from 8-10am . All instructors will be employed and evaluated by the College. Career Academy classes will follow the Lake Land College calendar. Weather cancelations are dependent on Lake Land's closing, not a student's home high school. Courses in this program will cover manufacturing skills I-IV, applied shop computations, and writing for the industry.

COURSE NUMBER 468 WORKPLACE EXPERIENCE**STATE COURSE CODE: 22998A000 Miscellaneous-Workplace Experience****CREDIT: 2****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.

Workplace Experience courses provide students with work experience in a field related to their interests. 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.

LIFE SKILLS

COURSE NUMBER 021 SERVICE LEARNING**STATE COURSE CODE: 22104A000 Community Service****CREDIT: 0.5****Grade: 09/10/11/12**

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 LIFE STRATEGIES**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 Life Strategies 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**

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**

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 STUDY SKILLS**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.