Letter from the Principal

TO: Staunton High School Students
FROM: Ed Fletcher, Principal
RE: Course Selection

One of the most important decisions facing you while in high school is that of selecting the right courses to help you with your career plans and/or education after graduation. We encourage you to involve your parents in making these important decisions. You also are encouraged to meet with your counselor to discuss required courses and electives available to you for the next school year.

If you have an idea what you want to do in life, the course selection process will be easier. Establish goals for the future. Once this is accomplished, you can select courses that best help you meet your goals. Your counselor is available with information that links your interest to specific educational and career opportunities.

The handbook contains descriptions of all courses offered at Staunton High School. It clarifies graduation requirements and provides information helpful in planning for your entrance to college or the work force. Please read all information carefully and allow it to guide your course selection decisions. Once parents have approved the classes selected through the course registration form, schedule changes will not be permitted without further parental consent.

The high school builds its master schedule based on student class requests; the master schedule is then used to determine staffing needs for the school year. Only schedules that require correction due to inaccurate information or a verified schedule conflict will be changed.

Keep in mind there are numerous people here to help you. If you run into a problem or simply need additional information, do not hesitate to contact the high school office, the guidance counselor or myself. By planning now you can enjoy a truly successful 2010-11 school year.

College & Career Planning

The purpose of this course catalog is to enable students and parents to make wise program choices. Students are encouraged to consult with their counselors and/or teachers at registration time if the printed course descriptions do not contain enough information.

Students should carefully select their courses, bearing in mind graduation requirements and personal educational goals. Courses listed in this catalog are offered based on student interest. If a course does not meet minimum enrollment requirements, the course will not be offered, and students will meet with their counselor to select another course.

COLLEGE AND CAREER PLANNING

College and career planning begins early and involves matching interests, skills, and abilities with types of jobs available. Students wanting assistance with the college and career planning process are encouraged to visit with their counselor.

SHS offers a variety of courses to provide students with experiences that prepare them for post-secondary education, whether it is a four-year university, two-year college, technical training, or other opportunities. Students desiring entry-level jobs upon graduation or interested in a specific field of study in college may be advised to follow a specific sequence of courses in a particular field. Students should work with their parents and counselor in establishing the appropriate four-year course plan.

Each university, college, and technical school has established requirements for admission that are unique to their institution. Students should work closely with their counselor and the specific post-secondary institution to ensure that each school's expectations are understood.

GUIDELINES FOR RELEASE FROM HIGH SCHOOL CLASSES TO MEET WITH VISITING COLEGE REPRESENTATIVES:

- Students must sign up at least two days in advance in the guidance office.
- A college representative visit form will be given to the student to have signed by the teacher whose class will be interrupted during the representative's visit. Without this signed form, students will not be allowed to attend.
- Tests and other important class assignments should be the student's first priority. Students should be reasonable when deciding if he/she can afford to miss a class. If the student can't attend he/she needs to see the guidance counselor before the visit to arrange for materials to be collected on his/her behalf.
- Students should remind the teacher the day before that there is a college rep coming and collect any work that will be missed.
- Students should report to class for attendance-taking before seeing the representative.

GUIDELINES FOR COLLEGE VISITATIONS

The following qualify for College Day Visitations:

- Physicals/orientation for military entrants
- ASVAB testing for possible military entrance
- Open campus visitation dates publicized by the colleges/schools
- Individual appointments made in advance with schools
- Appointments for scholarship applications/interviews
- Appointments for placement testing and/or registration
- Appointments for internship programs, etc.

Juniors are encouraged to plan and visit colleges and/or technical schools during the summer before their senior year. Seniors may take two college days if needed. Most schools offer weekend visitations, etc. Occasionally, you may need a week-day appointment for post-secondary plans.
Students will be granted a half-day to visit the local campuses (Lewis & Clark Community College, Blackburn College and Southern Illinois University) for a school preview visit. Full day visits will be granted to local campus only if needed.
All colleges require that students schedule appointments in advance. Walk-ins doing unscheduled college visits may not be served. You must plan ahead!

The required college visitation form must be turned into the guidance office a minimum of two days in advance of the visit. In certain urgent cases, (i.e., a college request for an interview or advisement date), if less than two days notice can be given, parents must call the counselor or principal an request special permission for a senior to be gone.

When the counselor receives and approves the college visitation form, students must also inform their instructors of the date they will be gone and make arrangements for make-up work. Parents need to call the high school office on the day of the scheduled appointment to confirm that the senior is gone that day for a college visit.

After the visit, students must give the counselor proof of attendance at the appointment/event. A signed statement from the college/school/recruiter must be turned in the day after the scheduled appointment. Otherwise, the college day is not given and the student will show an absence for the day.

COLLEGE, SCHOLARSHIP, AND FINANCIAL AID INFORMATION

Senior year begins the process of transition to the student's post high school plans. The school website offers much information to help parents and students with this process. Please check the guidance news section of the Staunton High School website often for updates on important upcoming events, links to valuable websites, college search databases, and scholarship and financial aid information. In addition, when new information, events, or scholarship applications are available an announcement will be made.

ILLINOIS BOARD OF HIGHER EDUCATION REQUIREMENTS

The Illinois Board of Higher Education (IBHE) has established the following admission requirements, which apply to most state universities in Illinois. These course requirements are used in combination with college test scores and class rank to determine admissions eligibility. Please be aware that individual schools may have higher entrance requirements. Students should check with their counselor about specific school requirements.

English	Four (4) years
Mathematics	Three (3) years (Introductory through advanced algebra, geometry, trigonometry, computer programming)
Social Studies	Three (3) years (Emphasizing history and government)
Science	Three (3) years (Laboratory sciences)
Foreign Language, Music, Art or Vocational Education	Two (2) years from any of these four areas

College & Career Planning

NATIONAL COLLEGIATE ATHLETIC ASSOCIATION DIVISION I AND II COURSE REQUIREMENTS

Division I – 16 core courses

If you plan to enter college in 2008 or after, you will need to present 16 core courses in the following breakdown:

- Four (4) years of English
- Three (3) years of mathematics (Algebra I or higher)
- Two (2) years of natural/physical science (one must be a lab science)
- One (1) year of additional English, math or natural/physical science
- Two (2) years of social science
- Four (4) years of additional core courses (from any area listed above, or from foreign language, nondoctrinal religion or philosophy)

Division II-14 core courses: (Please note, Division II will require 16 core courses beginning August 1, 2013)

- 3 years of English
- 2 years of mathematics (Algebra I or higher)
- 2 years of natural/physical sciences
- 2 years of additional English, mathematics or natural/physical science
- 2 years of social science
- 3 years of additional courses (from any area above, foreign language or nondoctrinal religion/philosophy).

List of Approved Core Courses (Form 48H)

English I	Geography	Algebra I	Biology I	Spanish I
English II	Political Science	Algebra II	Biology II	Spanish II
English III	Sociology	Geometry	Chemistry	Spanish III
English IV	US History	Pre-Calculus	Chemistry II	Spanish IV
English 131	Western Civilization 131	Calculus	Physical Science	
English 132	Western Civilization 132		Physics	
Speech I	World History			

***Only students who have received proper NCAA approval for their diagnosed learning disability may receive credit for these approved courses.**

If you have questions about NCAA eligibility, please call the NCAA Initial-eligibility clearinghouse toll free at 877-262-1492. You may also call the NCAA at 317-917-6222.

College & Career Planning

YEAR	ACADEMICS & EXTRACURRICULARS	TESTING	EXPLORE
Freshman	• Take the most challenging level of courses you can; post-secondary institutions look at the level of the courses you take as well as the grades you earn • Develop good study habits • The first grade point average (GPA) you establish is very important • Get involved in extracurricular activities • Volunteer within the community • Keep track of your activities	• Commit to doing well in coursework as it prepares you for the tests in other years. • Take the Explore test in the spring – it provides information as it relates to the ACT College Readiness Standards.	• Think about what you want to pursue as a career once you complete your education • Think about where you want to go to post-secondary school • Investigate the costs associated with post-secondary schooling
Sophomores	• Continue to take the most challenging courses you can • Continue to get involved in extracurricular activities and volunteer opportunities • Update the record of what you do and offices you hold • Select courses for your junior year which ensure meeting graduation and post-secondary entrance requirements	• Commit to doing well in coursework as it prepares you for the tests in other years • Take PLAN test in spring – it provides an interest inventory and previews the ACT (optional)	• Think about your talents, inclinations, and personality • Research requirements (course pre-requisites, entry requirements, personality traits, etc.) for careers you are considering • Think about and discuss with others matching yourself with careers that interest you • Encourage your parents to attend the financial aid seminar
Juniors	• Continue to take the most challenging courses you can • Continue to get involved in extracurricular activities and volunteer opportunities • Update the record of what you do and offices you hold • Choose electives which support your possible career(s) and meet entry requirements • Double-check graduation and college entrance requirements to be sure you are on track with both • Become familiar with the questions asked on applications that require essays	• Take PSAT/NMSQT in October (optional) • ACT (optional) √ Given in October, December, February, April, & June √ These are national test dates for NCAA scholarships • PSAE in April, includes ACT, Work Keys, and ISBE tests (required) • SAT I offered in April, May, & June (optional) • SAT II offered in May & June (optional)	• Research colleges and other post-secondary educational institutions that will meet your career objectives and financial requirements… resources include: parents, counselors, alumni, friends, web sites, college fairs, brochures, college representatives • Plan to visit colleges second semester, summer, or first semester of senior year • Try to narrow your selections to 5-8 from which to choose and apply • Encourage your parents to attend the financial aid seminar
Seniors	• Continue to take the most challenging courses you can • Choose electives which support your possible career(s) and meet graduation and entry requirements	• Retake ACT and/or PSAE in fall (optional) √ ACT in September, October, & December √ SAT I & SAT II in October, November, December, & January	• Line up at least three letters of recommendation from people who know you well • Apply early to the selected colleges and/or career training centers…watch deadlines • Make sure your applications are complete • Apply for scholarships and financial aid

College & Career Planning

CREDITS REQUIRED FOR GRADUATION FROM SHS A minimum of 23 credits is required for graduation; 16 credits must be earned in academic subjects. Each semester course passed is worth .50 credits. Driver education is worth .50 credits. All students must be enrolled for a minimum of 6.0 credits (3.0 credits per semester). Students must be enrolled for a minimum of one complete semester and have successfully met all graduation requirements before receiving a diploma. All students must take the Prairie State Achievement Exam to qualify for graduation.

All students must pass the following required courses:

- Ninth Grade – English, mathematics, physical education, health
- Tenth Grade – English, mathematics, physical education
- Eleventh Grade – English (including one research paper course), mathematics, United States history, American government, physical education*
- Twelfth Grade – Consumer Education, physical education*

These additional courses are also required and may be taken when convenient:

- Two credits in science
- One credit in music, art, vocational education, or foreign language

*Eleventh and twelfth grade students, on an individual basis, may be excused from physical education for one or more of the following reasons (see page 9).

GRADUATION REQUIREMENTS FOR CLASS OF 2009 AND BEYOND

On Wednesday, August 24, 2005, Governor Rod Blagovich signed Senate Bill 575, the Higher Standards, Better Schools legislation that increases graduation requirements for Illinois high schools. The legislation requires that students take more math, science, and writing-intensive courses and will be phased in over four years beginning with the Class of 2009.

The graduation requirements for the Classes of 2009, 2010, 2011, and 2012 and beyond are outlined on page 9. These classes are required to have 23 credits.

ADDITIONAL GRADUATION REQUIREMENTS

In August 2004, Senate Bill 2769 (Public Act 93-857) became effective and requires all students to take the Prairie State Achievement Examination (PSAE) as a condition of receiving a regular high school diploma, unless a student is exempted. Illinois State Board of Education grants exemption per individual case.

College Credit Opportunities

DUAL CREDIT

In coordination with Lewis & Clark Community College (LCCC), Staunton High School offers 23 dual credit courses. A course identified as dual credit has undergone a rigorous matching of curricula from both District 6 and the college/university and has met the necessary criteria to provide the student with both high school graduation credit and college credit. Dual credit courses are taught by high school teachers during the normal high school day, at no cost to the students, parents, or District 6.

Dual credit is not automatically given to students who are enrolled in a dual credit high school course. For some courses, an appropriate placement test must be passed in order to receive credit. For courses through LCCC, if a student decides that he/she no longer wants the dual credit option after officially enrolling in that option, the student must drop the dual credit portion by the published date required by LCCC. The student still receives high school credit. When dual credit is earned, the grade obtained in that course will be on the college/university transcript.

Some of the advantages to students participating in dual credit courses include acquainting students with college level material and encouraging students to attend college after graduation. Students begin generating a college transcript without having to pay for the college courses. Dual credit saves students and parents both time and money.

Dual credit courses through LCCC are either transfer credit or career credit:

• Transfer Credit—Transfer credit courses are equivalent to lower-division (e.g., freshman & sophomore) baccalaureate study and are generally articulated for transfer to most colleges and universities.

• Career Credit—Career credit courses are technical and applied courses and are designed to meet the requirements for an occupational degree or certificate program. Although these courses are not generally designed for transfer, some may be articulated with colleges and universities and used to meet lower-division baccalaureate requirements.

The outlined courses may be Dual Credit Courses with LCCC for the 2010-2011 school year at Staunton High School.

It is the student's responsibility to request LCCC transcripts to be sent to any prospective college/university. Contact LCCC for more information or to request a LCCC transcript request form.

College Credit Opportunities

Lewis and Clark Course Number & Title	Staunton High School Course Name	Credit Hours	Transfer or Career Credit	Required College Placement Score
BIO 132 – Human Biology	Biology II	4	Transfer	Reading = 75
DRFT 131 – Fundamentals of General Drafting	CAD I	3	Career	No Test Required Instructor Approval
DRFT 146 – AutoCad	CAD II	3	Career	No Test Required Instructor Approval
ENGL 131 – First Year English I	English 131	3	Transfer	Reading = 75 Sent Skills = 90
ENGL 132 – First Year English II	English 132	3	Transfer	Reading = 75 Sent Skills = 90
HIST 131 – Western Civilization I	Western Civilization 131	3	Transfer	Reading = 75
HIST 132 – Western Civilization II	Western Civilization 132	3	Transfer	Reading = 75
OTEC 026 – Basic Computer and Window Skills	Computer Concepts	2	Career	Reading = 55
OTEC 027 – Internet Use & Design Techniques	Computer Concepts	1	Career	Reading = 55
OTEC 115 – Microsoft Publisher 2007	Desktop Publishing	1	Career	Reading = 55
OTEC 119 – Keyboarding	Keyboarding	1	Career	No Test Required
OTEC 120 – Keyboarding/Formatting	Word Processing/Formatting	3	Career	Reading = 55
POLS 131 – American Government	Political Science	3	Transfer	Reading = 75
MATH 134 – Pre-Calculus	Pre-Calculus	5	Transfer	Reading = 75 ALG = 90
MATH 171 – Calculus and Analytic Geometry	Calculus	5	Transfer	Reading = 75 Math = 86
CDEV 130 – Career Development	Career Development	3	Transfer	No Test Required
WEB 135 – Webpage Design Essentials	Webpage Design Essentials	3	Career	Reading = 55
WELD 191 – Basic Welding	WELD 191	3	Career	Instructor Approval
WELD 193 – All Position Arc Welding	WELD 193	3	Career	Instructor Approval
SPEECH 131	SPEECH 131	3	Transfer	Reading = 75
CIS 135 Computer Literacy	CIS 135	3	Transfer	Reading = 75

Certificates of Completion

Through District 6's partnership with Lewis & Clark Community College, SHS students have the opportunity to earn a Certificate of Completion at no cost to the students, parents, or District 6. By following a prescribed sequence of courses in high school, a Certificate of Completion provides a student with the minimum skills necessary to acquire an entry-level job in a particular area or better equip them with skills for college. When paired with accepted dual credit, students do not have to repeat these courses in college.

In order to receive applicable dual credit, students must pass a placement test offered by Lewis & Clark Community College. For most dual credit courses, this placement test is a computerized reading test that students take in their high school class at no cost. Once students take and successfully complete the reading test for one course, they will not be required to take the test again, unless a later course requires a higher passing course.

Welding Principles: Certificate of Completion

Lewis and Clark Course Number & Title	Staunton High School Course Name	Credit Hours	Transfer or Career Credit	Required College Placement Score
WELD 191	WELD 191	2	General/Vocational	55
WELD 193	WELD 193	3	General/Vocational	55
Total		**5**		

College & Career Planning

GRADUATION REQUIREMENTS per Senate Bill 575

Entering 9th Grade in 2007-2008 Class of 2011	Entering 9th Grade in 2008-2009 Class of 2012
• Three years of language arts • Two years of writing intensive courses, one of which must be English and the other of which may be English or any other subject**.** When applicable, writing-intensive courses may be counted towards the fulfillment of other graduation requirements. • Three years of mathematics, one of which must be Algebra I and one of which must include geometry content • Two years of science • Two years of social studies, of which at least one year must be history of the US or a combination of history of the US and American government • One year chosen from music, art, foreign language, which shall be deemed to include American Sign Language, or vocational education	• Four years of language arts • Two years of writing intensive courses, one of which must be English and the other of which may be English or any other subject. When applicable, writing-intensive courses may be counted towards the fulfillment of other graduation requirements. • Three years of mathematics, one of which must be Algebra I and one of which must include geometry content. • Two years of science • Two years of social studies, of which at least one year must be history of the US or a combination of history of the US and American government • One year chosen from music, art, foreign language, which shall be deemed to include American Sign Language, or vocational education
Entering 9th grade in 2009-2010 and each year thereafter	
• Four years of language arts • Two years of writing intensive courses, one of which must be English and the other of which may be English or any other subject. When applicable, writing-intensive courses may be counted towards the fulfillment of other graduation requirements. • Three years of mathematics, one of which must be Algebra I and one of which must include geometry content. • Two years of science • Two years of social studies, of which at least one year must be history of the US or a combination of history of the US and American government One year chosen from music, art, foreign language, which shall be deemed to include American Sign Language, or vocational education	

NOTE: ALL students are still subject to the following requirements in addition to those listed above: physical education, driver education, health and consumer education (Grade 11-12).

*Physical education-any junior or senior who meets the state requirements may request to be excused from physical education by having a waiver signed by his/her parent or guardian. This waiver may be obtained from the high school office.

PHYSICAL EDUCATION WAIVER REQUIREMENTS

A student in grades 9-12, unless otherwise stated, may submit a written request to the building principal to be excused from physical education courses for the following reasons:

1. Enrollment in a marching band program for credit;
2. Ongoing participation in an interscholastic athletic program (student must be in the 11th or 12th grade);
3. Enrollment in academic classes that are required for admission to an institution of higher learning (student must be in the 11th or 12th grade);
4. Enrollment in academic classes that are required for graduation from high school, provided that failure to take such classes will result in the pupil being unable to graduate (student must be in the 11th or 12th grade); or
5. If the student must use the time set aside for physical education to receive special education support and services, subject to the student's Individualized Education Plan (IEP).

College & Career Planning

SUMMER SCHOOL AND INDEPENDENT STUDY A student will receive high school credit for successfully completing: 1) any course given by an institution accredited by the North Central Association of Colleges and Secondary Schools, and (2) independent study in a curriculum area not offered by the District, provided the student obtains the consent of a supervising teacher as well as Building Principal.

CORRESPONDENCE COURSES The District does not accept credit for correspondence courses toward graduation.

DISTANCE LEARNING COURSES, INCLUDING VIRTUAL OR ONLINE COURSES A student enrolled in a distance learning course, including a virtual or online course, may receive high school credit for work completed, provided:

1. The course offered by an institution approved by the Superintendent or designee;
2. The course is not offered at the student's high school
3. The student assumes responsibility for all fees (including tuition and textbooks);
4. The Building Principal approves the course in advance.

Students may be limited as to the number of distance learning courses that apply toward high school credit. Grades earned in approved distance learning courses count toward a student's grade point average, class rank, and eligibility for athletic and extra-curricular activities. The District may pay the fee for expelled students who are permitted to take virtual or online courses in alternative settings.

COLLEGE COURSES Seniors may take one academic course per semester from an outside accredited institution to earn credit towards graduation.

A senior student who successfully completes Community college courses may receive high school credit, provided:

1. The student is a senior in good academic standing;
2. The course is approved in advance by the student's guidance counselor and the High School Principal; and
3. The student assumes responsibility for all fees.

SCHEDULE CHANGES Please give serious attention to the course selection process. **Schedule changes will not** be permitted once parents have approved the classes selected through the schedule verification sheet. Staunton High School builds its master schedule based on student class requests; the master schedule is then used to determine staffing needs for the school year. Only schedules that require correction due to inaccurate information or a verified schedule conflict will be changed.

EARLY GRADUATION Starting with the graduating class of 2008-2009 early graduation **will not** be allowed.

GRADES Report cards are issued quarterly. Credits for passing grades are issued at the end of each semester. Quarter grades are to be regarded as grades in progress. They are not recorded on a student's permanent record. Final average and class rank are based on all semester grades earned from the ninth grade through the second semester of the twelfth grade. All courses are included in determining the class average and rank. Grades received in all classes are weighted as follows:

Regular classes	A=4	B=3	C=2	D=1	F=0

Grade point average (GPA) is calculated by dividing total GPA points by Cumulative Earned Credits.

COURSE DESCRIPTION INFORMATION

DEPARTMENT COURSE LISTINGS The courses offered at SHS are listed by department.

GRADE LEVEL Courses are designed for specific grade levels. These are listed under the title of the course.

PREREQUISITES Any specific prerequisites for the course are listed behind this label. Please follow these closely to ensure student success within this course.

COURSE CREDIT Staunton High School offers both full-year and semester courses. The credit available for each course is indicated in the title of each course. Students who pass a full-year course receive one (1.0) credit towards graduation. Students who pass a semester course (indicated by an asterisk*) receive one-half (0.5) credit towards graduation.

COURSE DESCRIPTION The course description indicates the major concepts within the course. Any opportunities for dual credit through Lewis and Clark Community College will be indicated within this description.

I. GENERAL STUDIES

II. CAREER AND TECHNICAL EDUCATION

** Courses offered on alternating years or when enough interest is demonstrated by student responses on the course registration forms - see counselor

Adult Living	11-12 School Year
Living Environment	10-11 School Year

*** Some courses are articulated with the Lewis and Clark Community College Partnership Program. We offer these courses with content designed to match the course content of Lewis and Clark Community College courses.

GENERAL STUDIES

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A. FINE ARTS

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ART I (Basic Art & Design)

ELIGIBILITY: 9-12
DURATION: Semester
PREREQUISITE: None
CONTENT INCLUDES: This course is an entry-level art course based around the principals and elements of design. Students will use a variety of media to create both two and three-dimensional works of art. Creativity and basic art skills will be the focus of this introductory level class. Students will learn practical skills that should offer personal enjoyment as well as prepare those interested for more advanced classes offered.

- Emphasis on "seeing" as opposed to identifying
- Study of the elements and principles of design
- Learn basic two-dimensional drawing, painting and printmaking skills
- Learn basic three-dimensional sculptural skills
- Learning about various cultures and historical movements as they pertain to art

ART II (Intermediate Art & Design)

ELIGIBILITY: 9-12
DURATION: Semester
PREREQUISITE: Art I
CONTENT INCLUDES: This course builds on the fundamental concepts explored in Art I. Students will continue to use a variety of media and techniques to expand their knowledge of art and design. Students will continue to learn about the principals and elements of design as well as develop an understanding of aesthetics and composition.

ART III (Intermediate Visual Arts)

ELIGIBILITY: 10-12
DURATION: Semester
PREREQUISITE: Art I & Art II
CONTENT INCLUDES: This is an advanced class that delves in depth into art creation and portfolio development. Content will be highly personalized under the guidance of the instructor. The use of the principles and elements of design will be stressed across a variety of art disciplines. A development of personal aesthetics will be common focus within this course. A minimal amount of materials may need to be furnished by the student depending on their area of study. A variety of art disciplines will be offered on an advanced level to eligible students.

ART IV (Advanced)

ELIGIBILITY: By permission of administration
DURATION: Semester
PREREQUISITE: Art I, Art II, and Art III
CONTENT: Art IV involves a significant commitment; therefore, it is designed for highly motivated students who are seriously interested in the study of art. The objective of this course is to allow students to develop their special interests in art and to create portfolio quality work in preparation for the college application process to study art at a post-secondary level. The creation of many of the required original works for inclusion in an Art Portfolio is the focus of this course.

DRAWING AND PAINTING

ELIGIBILITY: 10-12
DURATION: Semester
PREREQUISITE: Art I, II & III
CONTENT INCLUDES: This class is an exploration of two-dimensional media within the arts. The focus of this class will be an in depth concentration on drawing and painting techniques. Students will learn about proportion, scale, value, color and compositional design. Students will explore various drawing and painting techniques as well as artists throughout history that use these techniques within their works.

SCULPTURE AND PRINTMAKING

ELIGIBILITY: 10-12
DURATION: Semester
PREREQUISITE: Art I, II & III
CONTENT INCLUDES
1st Quarter –This section is an in depth exploration of three-dimensional sculpture. Students will learn modeling and structure design using both additive and subtractive techniques. Students will experience variety of media including paper, cardboard, wood, plaster and clay. A minimal amount of materials may be required.
2nd Quarter – This section is an exploration of various printmaking techniques. Students will learn about a variety of original printmaking processes and explore the origins and function of the printmaking discipline.

BAND

ELIGIBILITY: 9-12
DURATION: Full Year
PREREQUISITE: None
CONTENT INCLUDES: Concert Band – winter, spring; Marching Band – summer, fall; Pep Band – winter; Performances – ALL REQUIRED (See Instructor for more details.)

BAND-COLOR GUARD

ELIGIBILITY: 9-12
DURATION: First & Fourth quarters (1/2 credit for entire year)
PREREQUISITE: None
CONTENT INCLUDES: The band auxiliary unit consists of the Flag Corps. This group performs with the marching band at all football half-time shows and parades, which are scheduled at various times throughout the year. The flag corps is chosen by audition every spring for the following school year.

CHORUS

ELIGIBILITY: 9-12
DURATION: Full Year
PREREQUISITE: None
CONTENT INCLUDES: Chorus members will study proper vocal technique and music of various time periods and styles during the year. There are four required performances; Fall Concert, Winter Concert, Spring Dinner Theatre Production, and at Graduation.

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B. LANGUAGE ARTS

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ENGLISH I

ELIGIBILITY: 9

DURATION: Full Year

PREREQUISITE: None

CONTENT INCLUDES: Grammar-parts of speech, the sentence, the phrase, the clause, capitalization, punctuation, correct agreement of subject and verb, correct pronoun use, correct verb usage; Literature-short stories, poetry, nonfiction, mythology, the drama of Romeo and Juliet, and a novel; Vocabulary-study of the spelling, pronunciation, definition, origin, and usage of words; Composition-study of the four basic styles of writing: descriptive, expository, persuasive, and narrative; writing of unified, coherent paragraphs which clearly develop the topic sentence, usually based on various literary selections studied in class

ENGLISH II

ELIGIBILITY: 10

DURATION: Full Year

PREREQUISITE: English I or concurrent enrollment in English I

CONTENT INCLUDES: Vocabulary; Grammar: parts of speech, parts of sentence, phrases, clauses; Usage agreement (subject-verb and pronoun-antecedent); pronoun case; verb usage (principal parts, tense, and voice); modifiers (adjective and adverb forms, comparison and placement), glossary of usage; and punctuation; Literature: short stories; drama (Julius Caesar); nonfiction; poetry; and novels such as a Separate Peace or Lord of the Flies; and composition.

ENGLISH III

ELIGIBILITY: 11

DURATION: Full Year

PREREQUISITE: English II or concurrent enrollment in English II

CONTENT: Advanced usage and punctuation (PSAE preparation); literature including chronological assortment of selected American poetry, short story, drama, & novel. Composition study will include the study of the two basic purposes of writing (expository and persuasive) and the submission of an acceptable research paper is required. The course also focuses on reading strategies (PSAE Preparation).This course meets the requirements of a writing intensive course as required by the Illinois State Board of Education.

ENGLISH IV

ELIGIBILITY: 12

DURATION: Full Year

PREREQUISITE: English III or concurrent enrollment in English IV

CONTENT: Development of the English language, vocabulary; major works from the language periods including Old English – Beowulf, Middle English – Canterbury Tales, and Modern English – Macbeth, ; compositions based on each literary work. Real-World writing skills development in addition to composition will also be practiced and strengthened.

ENGLISH 131 ***

ELIGIBILITY: 12

DURATION: Semester.

PREREQUISITE: English I, II, III and proper placement as determined by the Lewis and Clark Community College placement test (see page 6)

CONTENT:

- Write unified, coherent, and well developed essays of 400-700 words. Avoid serious grammatical and punctuation errors; avoid gross errors in spelling; write logical outlines; and use various rhetorical patterns. Demonstrate an awareness of logical reasoning *

ENGLISH 132 ***

ELIGIBILITY: 12

DURATION: Semester.

PREREQUISITE: English I, II, III and proper placement as determined by the Lewis and Clark Community College placement test (see page 6) English 131 with a grade of C or better

Demonstrate, by class discussion and/or writing, the ability to do a careful, critical reading of a short piece of literature. Use literary terms in discussions and writing, and demonstrate an understanding of them. Write an organized, coherent essay about a piece of literature. Use the basic research tools of a library

- Prepare a term paper based on library research, use conventional English (grammar, spelling, punctuation) in writing (2,000 – 3,000 words)and prepare a mini-research paper (1,000 – 1,500 words)

SPEECH I

ELIGIBILITY: 11-12

DURATION: Semester

PREREQUISITE: English I

CONTENT: Daily discussion of current events, delivery of a variety of speeches, some requiring library research, participation in panel discussion, delivery of a timed persuasive speech in lieu of a semester exam, and continuing practice and evaluation of acceptable listening skills

SPEECH 131 ***

ELIGIBILITY: 12

DURATION: Semester

PREREQUISITE: Senior status and passing of LCCC placement test (see page 6) CONTENT: Public Speaking. The class is taught through Lewis and Clark Community College for college credit. It covers theory and practice of platform and discussion techniques and development of critical standards through evaluating speeches.

SPANISH I

ELIGIBILITY: 9-12

DURATION: Full Year

PREREQUISITE: None

CONTENT:

- Comprehension of simple phrases and sentences spoken at a normal pace
- Basic knowledge of sentence structure
- Simple reading proficiency, very simple oral usage of elementary vocabulary
- Knowledge and correct usage of pronunciation rules
- Knowledge of cultural differences in the Hispanic World

SPANISH II

ELIGIBILITY: 10-12

DURATION: Full Year

PREREQUISITE: Spanish I, with minimum grade of C recommended or permission of administration

CONTENT:

- Comprehension of basic sentences in several verb tenses, thorough knowledge of sentence structure and the ability to use it in simple written paragraphs
- Elementary reading proficiency
- Oral usage of basic vocabulary in sentence form, knowledge and correct usage of finer pronunciation points
- Appreciation of cultural differences in the Hispanic World

SPANISH III

ELIGIBILITY: 11-12

DURATION: Full Year

PREREQUISITE: Spanish II, with minimum grade of B recommended or permission of administration

CONTENT: Comprehension of basic sentences in several verb tenses, thorough knowledge of sentence structure and the ability to use it in simple written paragraphs

- Intermediate reading proficiency
- Oral usage of basic vocabulary in sentence form, knowledge and correct usage of finer pronunciation points
- Appreciation of cultural differences in the Hispanic World
- Review of grammatical rules

SPANISH IV

ELIGIBILITY: 12

DURATION: Full Year

PREREQUISITE: Spanish III, with a minimum grade of B recommended or permission of administration

CONTENT:

- Students will read and discuss short stories
- Students will research topics and current events and then debate and discuss them

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C. MATHEMATICS

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PRE-ALGEBRA

ELIGIBILITY: 9

DURATION: Full Year

PREREQUISITE: None

CONTENT: Study will include arithmetic review, introduction to variables, positive and negative integers, solving simple equations, functions, basic graphing and data analysis, introduction to geometry concepts, fractions, decimals and percents, prime and composite numbers, rational numbers, ratios and proportions, perimeter and area of basic shapes, surface area and volume of space figures, probability and polynomials

ALGEBRA I

ELIGIBILITY: 9-10, 12

DURATION: Full Year

PREREQUISITE: Freshman students that meet or exceed on the ISAT test as an 8th grade student will either be placed in Algebra I or Geometry.

CONTENT: Students will learn to use the operations of addition, subtraction, multiplication and division on rational numbers, irrational numbers, and polynomials. They will also learn to solve linear equations and inequalities, quadratic equations, and systems of equations. Graphing of points, inequalities and line or linear equations will be done on number lines and the coordinate plane. Word problems will be used to show applications of the algebraic skills learned. Some geometric formulas, such as the Pythagorean Theorem, distance formula, area, and perimeter will be incorporated throughout the school year.

Note: Ninth grade geometry students will receive their Algebra I grade only at the end of their ninth grade year at S.H.S. Only students, who have successfully completed this course at SCUS, or another high school, will receive this credit.

GEOMETRY

ELIGIBILITY: 9-12

DURATION: Full Year

PREREQUISITE: Algebra I, with minimum grade of C recommended for grades 10-12 or permission from administration; minimum grade of B required for grade 9 or permission of administration

CONTENT: Parallel lines and planes, proofs, congruent triangles, similar polygons, right triangles, circles, areas of plane figures, areas and volumes of solids, coordinate geometry, and transformations

ALGEBRA II

ELIGIBILITY: 10-12

DURATION: Full Year

PREREQUISITE: Geometry with a minimum grade of C recommended or permission of administration

CONTENT: Equations and inequalities with the real numbers, graphs and linear functions, polynomials and factoring, rational expressions, irrational and complex numbers, quadratic equations and functions, equations and numerical methods (solving linear systems, synthetic division), analytic geometry, exponential and logic, arithmetic functions, matrices and determinants

TECHNOLOGY MATH

ELIGIBILITY: 11-12

DURATION: Full Year

PREREQUISITE: Pre-Algebra, Algebra I, Geometry or any combination of at least two math courses.

CONTENT: Review of basic skills, variable equations, percent and measurement problems. Find perimeters circumferences, areas; and volumes of geometric figures. Learn basic trigonometry. Work word problems, involving tapers, pulleys, gears, screw threads, work and power, speed and rpm's.

PRE-CALCULUS * * *

ELIGIBILITY: 11-12

DURATION: Full Year

PREREQUISITE: Algebra II, with a minimum grade of C recommended or permission of administration

CONTENT: Pre-Calculus is the bridgework between Algebra II and Calculus. Within this course, students will discuss functions and their graphs. Polynomials and rational functions along with exponential and logarithmic functions are distinguished. A basic background in trigonometry and analytic geometry is presented. Systems of equations and inequalities are further discussed in detail along with probability and sequence ideas.

CALCULUS * * *

ELIGIBILITY: 12

DURATION: Full Year

PREREQUISITE: Pre-Calculus with minimum grade of C recommended or permission of administration

CONTENT: Graphing polynomial equations, curves, and functions with a graphing calculator; identifying graphs by their equations; finding limits and determining continuity of functions; use of the slope predictor equation and derivatives to find the tangent to a curve; chain rule, Simpson's Rule and Newton's Method will be discussed. Derivatives of trigonometric functions will be done. Application problems will be covered, such as velocity, rate of change, volume, etc. The Fundamental Theory of Calculus and how it relates the integral to the derivative will be introduced.

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D. BIOLOGICAL AND PHYSICAL SCIENCES

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INTRO TO BIOLOGY

ELIGIBILITY: 9

DURATION: Full Year

PREREQUISITE: None

CONTENT: Intro to Biology is designed for students with a broad range of abilities. This class is a comprehensive course of study in biology emphasizing the fundamental concepts of biology and their everyday applications, critical-thinking and study skills, and hands-on experiences. A portion of the class is conducted in the lab.

PHYSICAL SCIENCE

ELIGIBILITY: 9-10

DURATION: Full Year

PREREQUISITE: Concurrent Enrollment in Pre-Algebra or Algebra I

CONTENT: Physical Science is a laboratory science. This course is divided into two semesters. The first semester is introductory chemistry dealing with matter and energy, the interacting of matter, and the chemistry in our modern world. The second semester is introductory physics dealing with: 1) motion, forces and energy, 2) wave motion and energy (sound and light), and 3) electricity and magnetism, 4) astronomy and earth science. A portion of the class is conducted in the lab

***DUE TO THE HEAVY EMPHASIS OF PHYSICAL SCIENCE ON THE ACT/PSAE TEST IT IS HIGHLY RECOMMENDED THAT ALL INCOMING FRESHMAN TAKE PHYSICAL SCIENCE**

BIOLOGY I

ELIGIBILITY: 10-12 (9 upon recommendation of administration)

DURATION: Full Year

PREREQUISITE: Intro to Biology, Physical Science. 9th grade students that are eligible for Biology I must be concurrently enrolled in Geometry.

CONTENT: Biology I is a laboratory science.

- Biological principles: biological themes, biological processes, chemistry, biochemistry.
- Cells: structure and function of the cell, homeostasis and transport, photosynthesis and respiration, nucleic acids and protein synthesis, chromosomes, mitosis, and meiosis
- Genetics: fundamentals, inheritance patterns, gene expression and applied genetics
- Evolution: origin of life, evidence and theory, speciation, classification
- Invertebrates: sponges and cnidarians, flatworms, roundworms, and rotifers, mollusks, annelids, arthropods, insects, echinoderms
- Vertebrates: chordates, fishes, amphibians, reptiles, birds, mammals
- Human biology: skeletal, muscular, integument system, circulatory and respiratory systems, digestive and excretory systems, nervous system and sense organs, endocrine, and reproductive systems

BIOLOGY 132 * * *

ELIGIBILITY: 11-12

DURATION: Full Year

PREREQUISITE: Biology I and consent of administration

CONTENT: Biology 132 is a laboratory science class with an emphasis on college preparatory knowledge. There is considerable time devoted to lab. Content areas include: body organization, body tissue, integument system, skeletal system, muscular system, nervous system, special senses, blood, lymphatic system, circulatory system, respiratory system, digestive system, and reproductive system

CHEMISTRY

ELIGIBILITY: 10-12

DURATION: Full Year

PREREQUISITE: Algebra I and consent of administration

CONTENT: Chemistry is a laboratory science. Chemistry is the science of matter and the changes it undergoes. Topics for this class will include: atomic structure, naming systems for compounds, balancing and predicting chemical reactions, mathematical interpretations of equations, gas laws, acid-based chemistry and other topics permitting. Study skills that will call upon frequently are memorization and mathematical word problems. During the second semester of the course, laboratory investigations are used frequently.

CHEMISTRY II

ELIGIBILITY: 11-12

DURATION: Full year

PREREQUISITE: Algebra I, and Chemistry (C grades or better recommended) or consent of administration.

CONTENT: Chemistry II will be a full year course open to college bound seniors entering a major emphasizing chemical laboratory science. Chemistry II is the advanced science dealing with reaction kinetics, equilibrium analysis, electrochemistry, organic chemistry, and other types of related chemistry topics. A large portion of the class time will be allocated to laboratory situations.

PHYSICS

ELIGIBILITY: 11-12

DURATION: Full Year

PREREQUISITE: Algebra II (C grades or better recommended) or consent of administration.

CONTENT: Physics is a laboratory science. Physics is the study of motion and energy. This course will use a mathematical approach to describe and predict motion. Topics covered will be the study of motion, Newton's laws, circular motions and orbits, and momentum. The course pulls from knowledge gained in previous math courses. Mathematical techniques are used to solve problems and predict natural events. A substantial portion of the class will be spent in the laboratory. Gathering and interpreting laboratory data is an important skill taught throughout the course. This course will also make use of computer technology. Using the Internet to get information on recent science developments and topics not covered in our text is one way technology will be used. In addition, spreadsheets and word processors will be used substantially.

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E. PHYSICAL DEVELOPMENT AND HEALTH

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DRIVER EDUCATION

ELIGIBILITY: 9-10

DURATION: Semester

PREREQUISITE: Students must have earned adequate credits and meet age requirement (see counselor for details)

CONTENT:

- Prepare students for driver's license exam
- Learning basic car controls
- Signs, signals, and pavement marking
- Basic car maneuvers
- Natural law and car controls
- The I.P.D.E. Process, intersections, city driving, highway driving, expressway driving, adverse conditions, maintenance, alcohol, drugs, and driving

HEALTH

ELIGIBILITY: 9-10

DURATION: Semester

PREREQUISITE: None

CONTENT: Introduction to wellness, including self-esteem, and the decision making process, mental health, mental disorders and stress, sexuality, relations with others, the life cycle and sexually transmitted disease, fitness and nutrition, drugs, tobacco, alcohol, and illegal drugs, and body systems (skeletal, muscular, cardiovascular, lymphatic, respiratory, and reproductive)

PHYSICAL EDUCATION

ELIGIBILITY: 9-12

DURATION: Full Year

PREREQUISITE: None

CONTENT: Physical fitness testing and development of a fitness level to maintain a healthful life now and in the future, development of knowledge, proper habits, attitudes, and ideals of physical fitness to aid in healthful living, stimulate interest and skill level in physical activities which are meaningful now and may be carried over into adult life, develop and educate each student in a way to maintain optimal individual muscular strength, muscular endurance, and cardiovascular endurance, and create opportunities for exercising such character as fair play, courtesy, self-control, honesty, and good sportsmanship

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F. SOCIAL SCIENCES

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ANCIENT WORLD HISTORY

ELIGIBILITY: 10-12

DURATION: Semester

PREREQUISITE: None

CONTENT: This class will cover ancient civilizations (first civilizations, Greeks, Romans), Medieval Europe (feudalism and Christianity) and Islam (religion, culture, empires).

MODERN WORLD HISTORY

ELIGIBILITY: 10-12

DURATION: Semester

PREREQUISITE: None

CONTENT: This class will cover early modern Europe (Renaissance, Reformation, exploration, colonization, and industrial revolution), World War I, Russian Revolution, World War II, and post-World War II (Cold War, Independence, and modern times).

GEOGRAPHY – NORTHERN HEMISPHERE

ELIGIBILITY: 10-12
DURATION: Semester
PREREQUISITE: None
CONTENT: Geography of the Northern Hemisphere is the study of physical, cultural, social, political, economic, and historical geography. In this course the five themes of geography (location, place, human/environment interaction, movement, and regions) are applied to the study of the U.S. and Canada, Northern Eurasia (Russia), and Europe. Emphasis is on maps and current issues.

GEOGRAPHY – SOUTHERN HEMISPHERE

ELIBIBILITY: 10-12
DURATION: Semester
PREREQUISITE: None
CONTENT: Geography of the Southern Hemisphere is the study of physical, cultural, social, political, economic, and historical geography. In this course the five themes of geography (location, place, human/environment interaction, movement, and regions) are applied to the study of the Middle East, Africa, East, Southeast, and South Asia, Australia, Oceania, and Antarctica. Emphasis is on maps and current issues.

AMERICAN GOVERNMENT

ELIGIBILITY: 11-12
DURATION: Semester
PREREQUISITE: None
CONTENT: Government is a one-semester course designed to prepare students to be active participants in the democratic process. Course content examines the rights and responsibilities of citizenship, the United States Constitution, the political process, state and local government. The government of the United States is compared to other forms of government. Students will be required to pass on the U.S. and Illinois Constitution test. The proper use and display of the American Flag will be covered as well. Students must take either American Government or Political Science 131 to satisfy ISBE graduation requirements

UNITED STATES HISTORY

ELIGIBILITY: 11-12
DURATION: Full Year
PREREQUISITE: None
CONTENT: Revolution and Independence, creation of a democracy-manifest destiny, Civil War, Industrialization-WWI, the Great Depression, WWII, and modern history. This course also meets the requirements of a writing intensive course as required by the Illinois State Board of Education.

SOCIOLOGY

ELIGIBILITY: 12
DURATION: Semester
PREREQUISITE: None
CONTENT: Sociology is the study of society and the interactions of people within society

- Society and culture
- Social structure
- Social institutions
- Socialization
- Continuity and change
- Social problems
- Analysis of current Issues

POLITICAL SCIENCE 131***

ELIGIBILITY: 11-12
DURATION: Semester
PREREQUISITE: Passing of LCCC placement test (see page 6)
CONTENT: American government. The class is taught through Lewis and Clark Community College for college credit. It investigates the foundation, structure, and philosophy of American government. An analysis of the three branches of government and the functions of political parties; studies press, presidential campaigns, and policy issues that affect civil rights and liberties. Students will be required to pass the U.S. and Illinois Constitution test. Students must take either American government or Political Science 131 to satisfy ISBE graduation requirements.

WESTERN CIVILIZATION 131 ***

ELIGIBILITY: 11-12
DURATION: Semester
PREREQUISITE: Passing of LCCC placement test
CONTENT: This community college course explores the leading political, economic, social and cultural institutions that characterize modern Western Civilization beginning with the first civilizations in the West through the 15th century.

WESTERN CIVILIZATION 132 ***

ELIBIBILITY: 11-12
DURATION: Semester
PREREQUISITE: Passing of LCCC placement test
CONTENT: This community college course explores the leading political, economic, social and cultural institutions that characterize modern Western Civilization beginning with the beginning with 15th Century through modern times.

CAREER DEVELOPMENT 130 ***

ELIGIBILITY: 11 -12
DURATION: Semester
PREREQUISITE: None (see page 6 for details)
CONTENT: The purpose/goal of Career Development is to assist students through the process of career planning, which includes self-assessment, decision-making, and job search strategies. The self-assessment will include on-line interest inventory and personality testing provided through LCCC, for which there is a $15.00 fee. Course work includes a standard workbook text required by LCCC, internet research, guest speakers, class discussion, job shadowing, resume and letter writing, and interview preparation.

II. CAREER AND TECHNICAL EDUCATION

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A. AGRICULTURE

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INTRODUCTION TO AG SCIENCE [A100]

ELIGIBILITY: 9-11
DURATION: Full Year
PREREQUISITE: None
CONTENT: This introductory 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. Both agribusiness and production applications are presented. Basic concepts in animal science, plant science, soil science, horticulture, agricultural resources, agribusiness management and agricultural mechanics are included. Microcomputer applications are introduced. This course does not meet science graduation requirements.

AGRICULTURAL SCIENCE AND MECHANICS [A120]

ELIGIBILITY: 10-12
DURATION: Full Year
PREREQUISITE: Intro to Agriculture Industry or Intro to Technology or permission of administration
CONTENT: This second year course builds on the basic skill and knowledge gained from the introductory course. Major units of instruction include advanced plant and soil science, advanced animal science, and agricultural mechanics skills necessary for maintaining and repairing equipment and/or facilities. Applied math/science skills are stressed throughout the course. Microcomputer applications are utilized as they relate to each instructional unit. This course does not meet science graduation requirements.

AGRICULTURAL SALES & MARKETING [A320]

ELIGIBILITY: 11-12
DURATION: Full Year
PREREQUISITE: Intro to Ag, Intro to Tech or permission of administration
CONTENT: This course is designed to develop student knowledge and skills in the area of agribusiness operations. Instructional units include the organization and functions of agricultural businesses, agricultural business math, and agricultural business procedures including microcomputer applications and human relation skills, as well as sales-related duties. Another goal of this course is to increase student knowledge and skill in appropriate agricultural product and service areas indicated by regional and/or state labor market data.

AGRIBUSINESS MANAGEMENT [A326]

ELIGIBILITY: 11-12
DURATION: Full Year
PREREQUISITE: Introduction to Ag, Intro to Tech or permission of administration
CONTENT: This capstone course is designed to develop student skills in the areas of advanced agricultural business procedures, establishment of agricultural businesses, managing the agribusiness, financing the agribusiness, marketing and advertising, sales techniques and strategies. Product knowledge is stressed as it relates to the regional agricultural economic base. As technology advances, basic instruction in agriculture will reflect these changes.

ANIMAL SCIENCE AND PREVETERINARY STUDIES (Biological Science in Ag) [A322]

ELIGIBILITY: 11-12
DURATION: Semester
PREREQUISITE: None
CONTENT: This fast paced course will introduce the student to the college experience without all of the pressures of college. This course is an overview of the modern livestock industry and the pet and companion animal industry. This class will incorporate small animal care, large animal care, health management, anatomy, genetics, physiology, reproduction, careers, and current issues into a classroom and laboratory setting. Participation in FFA is an integral part of this class and students are strongly encouraged to join the Staunton chapter. This course does not meet science graduation requirements.

AGSC 129 – HORTICULTURE SCIENCE I [A150]

ELIGIBILITY: 9-12
DURATION: Semester
PREREQUISITE: None
CONTENT: Introduces the principles and practices in selection, care and propagation of horticultural plants. Study includes production and development of fruits, vegetables, turf, nursery, floral crops, integrating greenhouse structures, and concepts of horticulture design. This course does not meet science graduation requirements.

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B. BUSINESS

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OTEC 119/120 KEYBOARDING & FORMATTING I *** [B123]

ELIGIBILITY: 9-12
DURATION: Semester
PREREQUISITE: None
CONTENT: Develops basic keyboarding skills and manipulation of both alphabetic and numeric keys. Introductory course that teaches the formatting of simple business letters, memos, manuscripts, and tables. A foundation course for OTEC 120 or any class involving the use of a computer keyboard.

COMPUTER CONCEPTS [B210]

ELIGIBILITY: 9-12

DURATION: Semester

PREREQUISITE: OTEC 119/120 (semester minimum)

CONTENT: Computer Concepts and Software Applications I is an orientation level-course that a student takes in his/her vocational education sequence of courses to develop awareness and understanding of the APPLICATION of electronic data processing concepts, software, and equipment to accomplish tasks typically performed by employees in the business, marketing and management occupational area. This course builds upon computer literacy concepts taught earlier in general education classes. Instruction in this course focuses specifically on the use of software packages for marketing or management occupations. Students will be given the opportunity to view a variety of data processing systems and should have frequent hands-on experiences. Instruction will be given in the use of word processing, financial spreadsheets, and data-base management. Instruction also will focus on problem analysis and ethical considerations that arise in using electronic data processing equipment and gaining access to available data bases. Specific units of instruction in the Computer Concepts and Software Applications course include: 1. Know the basic functions of a computer system: 2. Demonstrate equipment and related operational skills: 3. Use the computer for basic business applications.

OTEC 115 DESKTOP PUBLISHING – MICROSOFT PUBLISHER [B470]

ELIGIBILITY: 10-12

DURATION: Semester

PREREQUISITE: OTEC 119/120, Computer Concepts, passing LCCC placement test (see page 7 for details)

CONTENT: Development of the skills necessary to produce professional looking documents using word processing and publishing software.

WEB 135 WEBPAGE DESIGN ESSENTIALS * * *

ELIGIBILITY: 10-12

DURATION: Semester

PREREQUISITE: Computer Concepts and passing of LCCC placement test (see page 7 for details)

CONTENT INCLUDES: Introduces the concepts used to develop Web sites. Investigates and discusses current economic, legal and ethical issues concerning the World Wide Web. Students will learn to create and edit Web pages and Web documents. Students gain experience in importing and working with text, sound, images and animation. HTML coding is also introduced.

CIS 135 - COMPUTER LITERACY ***

ELIGIBILITY: 11 & 12

DURATION: Semester

PREREQUISITE: Passing of LCCC placement test. (see page 7 for details)

CONTENT: Acquaints students with, and trains them in the use of, business computer packages, including word processing, database management, spreadsheets, presentation software and Internet access methods. Operating systems, such as DOS, OS/2, Windows, and UNIX are reviewed. Information presented covers the concepts of computer information management systems.

BUSINESS & TECHNOLOGY CONCEPTS I [B100]

ELIGIBILITY: 9-10

DURATION: Semester

PREREQUISITE: none

CONTENT: This course offers a general overview of the American free enterprise environment, the various forms of business ownership, including the concept of entrepreneurship, are included in the course. The basic functional areas of business (finance, management, marketing, administration and production) are discussed at an introductory level. Within each unit, emphasis is placed on learning activities which focus on the human factor in business. Such activities center on career opportunities, career strategies, employee relations, work ethics, using information, decision making, dealing with conflict, coping with change and personal development.

ACCOUNTING [B310]

ELIGIBILITY: 11-12
DURATION: Full Year
PREREQUISITE: None
CONTENT: Accounting is a skill level course that is of value to all students pursuing a strong background in business, marketing, and management. This course includes planned learning experiences that develop initial and basic skills used in systematically computing, classifying, recording, verifying and maintaining numerical data involved in financial and product control records including the paying and receiving of money. Instruction includes information on keeping financial records, summarizing them for convenient interpretation, and analyzing them to provide assistance to management for decision making. In addition to stressing basic fundamentals and terminology of accounting, instruction will provide initial understanding of the preparation of budgets and financial reports, operation of related business machines and equipment, and career opportunities in the accounting field. Processing employee payroll will also be included. Business organization such as partnerships and corporations will be included. Practice sets with business papers may be used to emphasize actual business records management. This course provides a technical background for college-bound students who plan a business curriculum, as well as those who wish vocational preparation.

BUSINESS OWNERSHIP/MANAGEMENT (ENTREPRENEURSHIP I) [B353]

ELIGIBILITY: 11-12
DURATION: Semester
PREREQUISITE: None
CONTENT: This course is designed to include the basics of the following broad areas: marketing, business ownership, and business management. This course is strongly recommended for those students who might be interested in starting a business in the future.

GENERAL MARKETING I [B350]

ELIGIBILITY: 10-12
DURATION: Semester
PREREQUISITE: None
CONTENTS: This course is geared to helping students to understand the foundations of marketing. Necessary for further study and entry level employment. The essentials of business will be covered including selling, promotion, distribution, risk management, product/ service planning, and financing. This course is strongly recommended for those students who plan to study business in college.

RESOURCE MANAGEMENT (CONSUMER EDUCATION) [HE320]

ELIGIBILITY: 11-12
DURATION: Semester
PREREQUISITE: None
CONTENT: Covers the everyday transactions and decisions of the consumer in the American marketplace: the economy, earning and spending money, savings and investments, types of credit, getting and keeping credit, insurance, transportation and travel, buying clothing, buying food, medicine and cosmetics, selecting housing, using professional services and social responsibility of consumers. As per ISBE graduation requirements content must also include instruction in the area of consumer education, including but not necessarily limited to installment purchasing, budgeting, comparison of prices and an understanding of the roles of consumers interacting with agriculture, business, labor unions and government in formulating and achieving the goals of the mixed free enterprise system.

Note: A student may exempt this course requirement by passing the Illinois Consumer Literacy Test or by passing a semester of Orientation to Family and Consumer Science with at least one quarter being Consumer Education content.

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D. FAMILY AND CONSUMER SCIENCE

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ORIENTATION TO FAMILY and CONSUMER SCIENCE [HE100]

ELIGIBILITY: 9-10

DURATION: Full Year. Passing first semester will fulfill the consumer education requirement for graduation.
PREREQUISITE: None
CONTENT: This is an introductory course that covers the following content. Evaluation is based on homework assignments, tests and laboratory experiences.

First Semester

- Personal development, careers, resource management, clothing, housing. As per ISBE state graduation requirements students shall be taught and be required to study courses which include instruction in the area of consumer education, including but not necessarily limited to installment purchasing, budgeting, comparison of prices and an understanding of the roles of consumers interacting with agriculture, business, labor unions and government in formulating and achieving the goals of the mixed free enterprise system.

Second Semester

- Relationship skills, friend and family relationships, child development, health and wellness, food and nutrition

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

FOOD AND NUTRITION I [HE 115]

ELIGIBILITY: 10-12

DURATION: Semester
PREREQUISITE: None. Family and Consumer Science recommended
CONTENT: Food & Nutrition I is a lab course which gives students an introduction to foods. Evaluation is based on homework assignments, tests, and laboratory experiences.

- Food and nutrition, workspace, tools and techniques in foods, consumer decisions
- Preparation principles of convenience foods, fruits & vegetables, grains & legumes, dairy products and eggs, meat products and food combinations

FOOD AND NUTRITION II [HE116]

ELIGIBILITY: 10-12

DURATION: Semester
PREREQUISITE: Food & Nutrition I
CONTENT: This course is a lab course which continues the study of Foods & Nutrition I: Evaluation is based on homework assignments, tests and laboratory experiences

- Topics Include: Baking, regional and world foods, child nutrition, sports nutrition, food service techniques, functional foods, food science, and food preservation

CLOTHING AND TEXTILES [HE110]

ELIGIBILITY: 10-12

DURATION: Semester
PREREQUISITE: None, Family and Consumer Science recommended
CONTENT: This course is a lab course which helps students make decisions when buying and caring for clothes as well as construction skills. Evaluation is based on homework assignments, tests and laboratory experiences.

- Topics include: Making clothing choices, clothing messages, design, clothing care, shopping for clothes, careers in clothing, clothing construction – about half the semester

ADULT LIVING ** [HE401]

ELIGIBILITY: 11-12

DURATION: Semester
PREREQUISITE: None
CONTENT: This course is designed to assist individuals and families in personal development and interpersonal skills. Evaluation is based on homework assignments and tests.

- Topics include: Personal health and development, skills in communication, decision making, handling conflict and management, family relationships, personal relationships, living singly, married life, parenting, career development, consumer skills

LIVING ENVIRONMENT ** [HE400]

ELIGIBILITY: 11-12

DURATION: Semester (**alternating years- see page 13**)

PREREQUISITE: None

CONTENT: 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. Evaluation is based on homework assignments and tests.

PARENTING [HE305]

ELIGIBILITY: 11-12

DURATION: Semester

PREREQUISITE: None

CONTENT INCLUDES: Parenting decisions, pregnancy and childbirth, child development from birth through age twelve, safety and health, special challenges, caring for children. Evaluation is based on homework assignments and tests.

CHILD DEVELOPMENT [HE105]

ELIGIBILITY: 11-12

DURATION: Semester

PREREQUISITE: None

CONTENT:

Students gain knowledge and skills needed to become an early childhood or older adult care professional. Students will learn the value of quality care and education for both children and older adults, developmental issues that impact the care and education of children and older adults, how to plan and set up educational and recreational activities that capture the interest of children and older adults in areas such as language, social studies, math, science, nutrition and food preparation, drama, creative movement and fitness, art, and music. Evaluation is based on homework assignments and tests.

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E. INDUSTRIAL ARTS

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INTRODUCTION TO TECHNOLOGY [I105]

ELIGIBILITY: 9-11
DURATION: Semester
PREREQUISITE: None
CONTENT: This course is designed to foster an awareness of a variety of vocational fields and skills. This is an introductory course that allows students to make decisions as to vocational areas they would like to pursue or gain greater knowledge and skills in. This course introduces vocational fields and skills that students are offered more advanced course work in. CONTENT INCLUDES: Product design, mechanical drawing, tools and equipment, safety procedures, basic electrical circuitry, introduction to welding, introduction to welding, introduction to residential construction, and introduction to wood shop procedures. Students in this course will also review vocational math skills that are necessary for pursuing and/or excelling in a variety of vocational fields.

INTRODUCTION TO TECHNOLOGY II [I106]

ELIGIBILITY: 9-11
DURATION: Semester
PREREQUISITE: Introduction to Technology I
CONTENT: This course is designed to foster an awareness of a variety of vocational fields and skills. This is an introductory course that allows students to make decisions as to vocational areas they would like to pursue or gain greater knowledge and skills in. This course introduces vocational fields and skills that students are offered more advanced course work in. CONTENT INCLUDES: Product design, mechanical drawing, tools and equipment, safety procedures, basic electrical circuitry, introduction to welding, introduction to welding, introduction to residential construction, and introduction to wood shop procedures. Students in this course will also review vocational math skills that are necessary for pursuing and/or excelling in a variety of vocational fields.

CONSTRUCTION I-INTRODUCTION TO CONSTRUCTION [I115]

ELIGIBILITY: 10-12
DURATION: Semester
PREREQUISITE: Introduction to Technology or Introduction to Agriculture or permission of administration
CONTENT: The construction program provides educational activities in the classroom, laboratory, shop, and actual work setting, with organized learning experiences that include erecting, installing, maintaining, and repairing buildings and structures using assorted materials such as wood, stone, brick, glass concrete, and composition substances. Employability skills, i.e. skills used in work performance that are transferable across jobs and occupations, will be included in this curriculum.

CONSTRUCTION II-CONSTRUCTION CORE SKILLS [I315]

ELIGIBILITY: 11-12
DURATION: Full Year
PREREQUISITE: Construction I or permission of administration
CONTENT: This sequel course will build upon the same principles as are covered in the introductory course, except that curriculum materials will be covered in greater detail. A model home will be constructed from foundation to roof, utilizing proper construction techniques such as installation of decking, walls, roof trusses, windows, doors, and other house components.

The construction program provides educational activities in the classroom, laboratory, shop, and actual work setting, with organized learning experiences that include erecting, installing, maintaining, and repairing buildings and structures using assorted materials such as wood, stone, brick, glass concrete, and composition substances. Employability skills, i.e. skills used in work performance that are transferable across jobs and occupations, will be included in this curriculum.

DRAFTING 131 CAD – FUNDAMENTAL OF GENERAL DRAFTING - CAD I *** [I320]

ELIGIBILITY: 11-12

DURATION: Full Year (students must complete a full year in Drafting 131 to receive college credit)
PREREQUISITE: None, Industrial Orientation recommended
CONTENT: Introduces drawing equipment theory, materials and instruments employing basic sketching techniques and lettering, includes geometric constructions, basic dimensions, section views, auxiliary views, and isometric drawings. This training level course is designed to provide students interested in a career in drafting with information and practical experience needed for the development of job-related competencies. The course content would include planning and organizing activities, researching information, coordinating work and performing other general office procedures, preparing various sketches (freehand, isometric, orthographic, pictorial, oblique), performing basic layouts, detailing drawings such as sectional and isometric view, using various reproduction techniques and using CAD command processes to produce CAD grid drawings.

DRAFTING 146 CAD - COMPUTER AIDED DRAFTING II – CAD II *** [I420]

ELIGIBILITY: 11-12

DURATION: Full Year (students must complete a full year in Drafting 146 to receive college credit)
PREREQUISITE: Drafting 125
CONTENT: Presents an overview of hardware, software, basic concepts and operations related to the computer systems used in the drafting areas. Course content will begin at the concepts of CAD through the actual production of a drawing on a CAD system. This training level 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, drawing light commercial building plans, interpreting codes and constructing structural working drawings, producing mechanical and electrical/electronic working drawings, producing civil engineering drawings, using and producing CAD drawings.

ELECTRICITY [I110]

ELIGIBILITY: 10-12

DURATION: Semester
PREREQUISITE: None
CONTENT: This course provides learning experiences related to the testing, maintenance, and repair of electronic components and circuits. Planned learning activities in this course will be coordinated to allow students to become more knowledgeable of fundamental electronic theories and laws and to develop practical skills in testing, maintaining, and repairing selected electronic components, circuits, equipment, and systems. Instruction will include safety principles and practices, electrical parameters and circuits, electronic component function and identification, and the use and care of related test equipment. Student activities will relate to study and experience in troubleshooting and repairing selected components and circuits found in electronic products such as radio, television, computers, phonographs, tape recorders and players, garage door openers, stereos, metal detectors and smoke detectors. Selection of representative components and circuits will be carefully planned to provide learning experiences appropriate to individual student abilities and interests and should relate to job-entry-level skill requirements of local employers.

WELD 191/MANUFACTURING I [I305] * * *

ELIGIBILITY: 11-12

DURATION: Semester
PREREQUISITE: Introduction to Technology or permission of administration
TOOL REQUIREMENTS: Safety glasses, welding gloves, tip cleaners and tape measures.
CONTENT: Introduces welding with the primary emphasis on (electric) arc welding in the flat position. The basics of oxyacetylene (torch) and electric arc (stick) welding processes and procedures are presented. Emphasis on basic skill development and safe welding techniques are stressed. Also covered are cutting operations, metal identification and metal preparation.

WELD 193/MANUFACTURING II [I405] * * *

ELIGIBILITY: 11-12

DURATION: Full year
PREREQUISITE: WELD 191 or permission of administration
TOOL REQUIREMENTS: Safety glasses, welding gloves, tip cleaners and tape measures.
CONTENT: Continues WELD 191. Emphasis placed on skill development in the horizontal, vertical, and overhead positions. Also covers theory of shielded metal arc welding, electrode selection, power sources, identification and welding distortion control.
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