

Taylorville Senior High School



Student Course Planning Handbook

2024-2025

**Taylorville Community Unit School District #3
Taylorville, Illinois**

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Using Your Course Planning Book

This handbook has been prepared to acquaint you and your parents with the educational programs offered at Taylorville High School. It contains complete information about requirements for graduation, policies relative to college admission, up-to-date information about course offerings, and suggested sequence of studies.

The first few sections of this handbook contain descriptive statements of all courses offered. The points stressed in these statements are:

1. The nature of the subject under consideration
2. The length of the course
3. The amount of credit awarded for successful completion of the course
4. The grade level(s) offered
5. The prerequisites (requirements needed ahead of time) for the subject

After careful study of this section, you should heed the advice of your parents and counselor in order to help make an intelligent selection of subjects. Try to map out a plan for all four years (use the page in the handbook for that purpose). Although it is allowable to change your plan or program because of a change of interest, it is always good to have a plan (goal) in mind.

When developing your four-year-plan, you should keep two goals in mind: (1) develop a four year plan that will get you the very most out of your education at THS and (2) develop a plan that will prepare you for lifelong learning after leaving THS. Please review the information on these next few pages so you and your parents are better informed in selecting courses necessary to complete your plan wisely.

Program of Study

Careful review of the list of courses on the following pages when planning our program is essential. Plan your remaining high school career each year by reviewing these course offerings.

Two definitions to keep in mind as you read the course offerings and their descriptions are

ELECTIVE - Courses that may be taken for the credit listed but are not required for graduation.

REQUIRED - Courses required by either the State of Illinois or the Taylorville Board of Education that MUST be successfully completed (passed) BEFORE graduation.

Credits for Class Membership

Class of 2024 and Beyond

6 credits to be a sophomore

12 credits to be a junior

18 credits to be a senior

24 credits to graduate

Weighted, Grade Listing for the Class of 2024 and beyond

DEPARTMENT	LEVEL I	LEVEL II	LEVEL III
AGRICULTURE	Intro. to Agriculture Agri-Bus. Management Basic Ag. Mechanics I, II Biological Science Applications in Agriculture Floral Design Introduction to Horticulture Leadership Development Landscape Management Veterinary Technology Natural Resource Management & Conservation Agriculture Machinery & Service i & II Precision Agriculture & Technology Agriculture Financial Planning & Marketing Vocational/Agriculture School-to-Work SAE Independent Study I Agriculture Math	SAE Independent Study II Animal Science	
ART	Introduction to Visual Arts Drawing and Design	Painting/Mixed Media -Two-Dimensional Art Ceramics I, II - Three-Dimensional Art Advanced Senior Art	
BUSINESS EDUCATION	Consumer Education Introduction to Microsoft Office Computer Concepts Accounting I Business Management	Accounting II Computer Applications & Systems CEO	
ENGLISH	Junior English Senior English English 9, 10, 11, 12 Creative Writing Modern Novels Speech II Journalism I Film as Literature	English 9A, 10A, 11A, 12A Journalism II, III, IV Speech II	Honors English
FOREIGN LANGUAGE	French I, II Spanish I, II	French, III, IV Spanish III, IV	
FAMILY AND CONSUMER SCIENCES	Clothing & Textiles Foods and Nutrition I, II Housing & Home Furnishings Parenting & Child Development		
INDUSTRIAL TECHNOLOGY	Industry Concepts I, II Building Trades I, II, III Drafting C.A.D. 3D Modeling		
MATHEMATICS	Integrated Algebra & Geometry 1, 2 & 3 Algebra I, II Plane Geometry Finance, Statistics, and Quantities Transitional Math Agriculture Math	Geometry (9) Algebra II (10) College Algebra	Honors Calculus
MUSIC	Mixed Choir Concert Choir Band Beginning Band History of Rock-and-Roll Music Theory I & II Audio/Video Applications I & II	Advanced Band	
PHYSICAL EDUCATION	PE PE - A Athletic Enhancement Athletic Enhancement - A		
SCIENCE	Biology Physical Science	Biology A Biology II	

	Introduction to Forensic Science Earth and Space Science Botany Exology	Zoology Chemistry Physical Science A Introduction to Human Anatomy & Physiology Physics Principles of the Biomedical Sciences	
SOCIAL STUDIES	Government Ancient World History Modern World History Early American History World Geography Current Events American History Sociology Psychology Modern American History Early American History Civics	Space Race and Beyond The Supreme Court	
STEM	Web Page & Interactive Media Development I Robotics Tommy TV 1, 2 Tommy Photo Imaging	Introduction to Engineering Design AP Computer Science Principles Principles of Engineering Tommy TV 3, 4	
VOCATIONAL & COLLEGE		Lincoln Land Community College Courses Capital Area Career Center (CACC) Courses CATERPILLAR Internship	
LETTER VALUES	A = 4 C = 2 B = 3 D = 1	A = 5 C = 3 B = 4 D = 2	A = 6 C = 4 B = 5 D = 3

Graduation Requirements

Class of 2024 and 2025

4 years of English (consisting of 1 full year of 9th, 10th, 11th, and 1 year of additional English courses)
 3 years of mathematics (equivalent of Algebra I with Geometry content)
 2 years of science
 1 semester of Consumer Education
 1 year of fine arts or vocational education
 1 quarter of driver education - classroom phase
 1 semester of Civics and passed the U.S. and Illinois Constitution test and flag test
 1 year American History
 1 semester Intro to Social Studies
 4 years physical education & Health content requirement
 Total number of credits to graduate - 24
A student MUST carry a minimum of 6 academic credits plus physical education each semester.

Class of 2026 and beyond

4 years of English (consisting of 1 full year of 9th, 10th, 11th, and 1 year of additional English courses)
 3 years of mathematics (equivalent of Algebra I with Geometry content)
 2 years of science
 1 semester of Consumer Education
 Computer Literacy (Computer Concepts, AP Computer Science Principles, or Intro to Microsoft Office)
 1 year of fine arts or vocational education
 1 quarter of driver education - classroom phase
 1 semester of Civics and passed the U.S. and Illinois Constitution test and flag test
 1 year American History
 1 semester Intro to Social Studies
 4 years physical education & Health content requirement
 Total number of credits to graduate - 24
A student MUST carry a minimum of 6 academic credits plus physical education each semester.

Explanation of Credits and Course Requirements

The topic of "credits" is often confusing to students entering high school. Students earn one (0.5) credit for each academic course completed (letter grades of A, B, C, or D) each semester. Any course that is failed (F) results in zero "0" credit. In four years, a student must earn the required amount of credits for their graduating class (see p. 2 for exact amount of required credits for each class) and pass all required courses and state tests to be eligible for graduation. When students enter T.H.S. as a freshman, they have "0" credits, but by the end of each grade level, students must earn the required amount of credits to be promoted to the next grade level (see p.2 for exact amount of credits for each grade level).

Certain courses are required during each year in high school. Students must not only take these courses, but they must pass them in order to receive credit. If a student fails (receive a grade of "F" for the final semester grade) a required course, he/she must retake that course and receive a passing grade before graduation. To compound the problem, some required courses are prerequisites for other courses, (e.g.) passing English 9 before taking English 10.

Also keep in mind that some **courses are required for graduation but do not count in the G.P.A.** Physical education and strength training credits count toward graduation, but do not count toward the calculation of your G.P.A. Driver Education is a course you must pass to meet the graduation requirements, but no credit is awarded for the classroom phase or behind the wheel.

General Course of Study

Below is a listing of the typical course selections most students will choose from when developing their four year plan. However, a student's academic ability and career pathway should seriously be considered when selecting courses. Always refer to the GRADUATION REQUIREMENTS when developing your plan.

<u>Freshman</u>	<u>Sophomore</u>	<u>Junior</u>	<u>Senior</u>
English 9	English 10	English 11	English 12
Math course	Math course	Math course	Civics (class of 2024+)
Science course	Science course	American History	Physical Education/Health
Physical Education/Health	Driver Education	Physical Education/Health	Consumer Education
Intro to Social Studies	Physical Education/Health	Elective	Elective
Freshman Seminar	Elective	Elective	Elective
Computer Concepts	Elective	Elective	Elective
Elective			Elective

Be sure to pay close attention to the prerequisites listed by each course description to make sure you meet the necessary requirements before enrolling in a course. Also, pay very close attention that you pass all required courses each year prior to your senior year.

College Preparatory Curriculum

The student whose educational goal is to attend a college or university must develop the responsibilities of hard work and careful planning very early in high school if acceptance or entry in the "school of choice" is to become a reality. Students should always check with their counselor to determine the current admission requirements to their chosen college or university. Currently, admission requirements for most state colleges and universities in Illinois are:

- 4 years of English
- 3 years of Math - 4 years recommended
- 3 years of Social Studies - 4 years recommended
- 3 years of Lab Sciences
- 3 years of Fine Arts (Foreign Language, Art, Music or Vocational Education)

Students entering college with deficiencies in college-preparatory may be required to take additional college-level work to make up for such deficiencies. These courses are taken at the expense of the student, and in some cases, no credit is awarded. The suggestion of a college preparatory sequence of courses is not meant to make a high school student's life difficult, but rather to ensure proper preparation for current requirement trends.

Freshman Level

English 9A
Geometry 9
Biology A
Physical Science A
Physical Education

Electives:

- a. Foreign Language
- b. Social Studies
- c. Music/Art

Sophomore Level

English 10A
Algebra II - 10
Chemistry
Physical Education/Health
Driver Education

Electives:

- a. Foreign Language
- b. Social Studies
- c. Music/Art
- d. Speech I and II
- e. Zoology

Junior Level

English 11A
Chemistry II
College Algebra
American History
Introduction to Anatomy & Physiology
Physical Education/Health

Electives:

- a. Foreign Language
- b. Social Studies
- c. Music/Art
- d. Computer Application Systems

Senior Level

Honor English
Physics
Honor Calculus
Civics/Consumer Education
Physical Education

Electives:

- a. Foreign Language
- b. Social Studies
- c. Music/Art
- d. Psychology
- e. Additional science course

Counseling Services at Taylorville High School

The main role of the Counseling Department is to help each student to achieve understanding of self and environment and to assist each student in the development of decision making abilities. In order for this help to be utilized by the student, he/she can be introduced to the Counseling Department in several ways.

OPEN DOOR POLICY: Students may walk in at any time. If your counselor is busy at that time, please make an appointment to return at a later date.

TEACHER REFERRAL: Teachers may suggest that students seek help, advice or information.

PARENT SUGGESTION: At times parents may feel the need to have students speak with their counselor.

ADMINISTRATIVE INTERVENTION: Sometimes the assistant principal, dean, or principal may feel students could use the help or direction of a counselor and refer them to the Student Services Office.

The counselors will also assist students in course selections, career planning, scholarship information and post-high school transitions. Students need to get to know their counselor early in their high school career. They should work with their counselor regularly to develop and maintain an educational and career pathway that best suits their abilities and goals.

Five Year Planning Guide

INTRODUCTION

High school students face many career choices in our society. Many of these choices require further education beyond high school. This education can come in the form of college, technical schools or even the military. This guide was developed to help those students wishing to further their education. This guide is an attempt to help parents and students through this difficult process. While we tried to anticipate most situations, this guide in no way can answer all the individualized questions that many families encounter. Parents and students should use this guide as a supplement to information received from the counselors in the Taylorville High School Student Services Office, college admission counselors representing their respective schools or even military recruiters.

A FEW ISSUES TO CONSIDER

Is college for you? Hopefully, you have already made that decision. Assuming it is, another question that should be asked is "Will you be ready to go to college?" Issues like academics, finances, and maturity need to be considered. These issues can be a big influence on what college you may choose to attend. Take them all into consideration. The choice of going to college and what college to attend is a decision in which the whole family should participate.

WHAT YOU SHOULD BE DOING AND WHEN

This section includes an outline explaining what parents and students should be discussing and doing during their 4 years of high school and their first year of post-high school education.

GRADE 9

Fall and Winter

- Meet school requirements. You should be passing not just your required classes, but all your classes. Pass your classes with excellent grades as possible because this will pay off later.
- Make an appointment to see your counselor to discuss your post high school plans and outline a plan for what courses would be best to take at THS.
- Access the Career Information System Program or Career Cruising program from the internet, in the Student Services Office, or the computer lab. This program will help you make decisions and provide you with information you need to plan ahead. Username and password are available by talking with the counselors.

Spring

- Consider taking the College and Career Readiness class offered to all THS students. This is a full credit, 1 semester class taught by the Business Department. It is a class designed to help students investigate different careers and to match up careers with their individual interests and abilities. Investigate employment trends. Take these into consideration when thinking about a career.
- Remember, you do not have to decide on a career, but you should start thinking about what you want to do.
- Start thinking about these 5 possibilities:
 1. A 4 year college or university
 2. A 2 year Associate Degree program
 3. Work apprenticeship programs
 4. Vocational or Technical schools
 5. Military

GRADE 10

Fall and Winter

- Complete any steps you failed to complete in grade 9.
- Start researching various colleges and/or trade schools. Information is available in the form of printed material in the Counseling Center and online information at college websites.
- Consider signing up to take the ASVAB, the Armed Service Vocational Aptitude Battery, which is offered free to students early in the school year. This test is given by the Department of Defense but there is no military obligation for students who take the test. This test gives the test taker a good idea of what areas the student has for strengths and weaknesses. ASVAB is a complete battery of tests that includes math, verbal and even mechanical skills. Although this test is not mandatory, students should give serious consideration to taking this test.

Spring

- Re-examine the courses you have planned to take your final 2 years at THS. Discuss this plan with your counselor and make any changes that are necessary.
- Take advantage of any program that allows you to visit job sites of careers in which you are interested.
- Review basic requirements for college admission with your counselor. Discuss these requirements with your parents.

GRADE 11

Fall and Winter

- Register for the ACT test online at www.actstudent.org or the SAT online at www.collegeboard.com . These standardized tests are necessary for admission to college, placement in Honors English and Honors Calculus. These tests can be taken more than one time as needed to increase scores. Both ACT and SAT tests are offered at national test sites throughout the academic year.
- Sign up to take the ASVAB, the Armed Service Vocational Aptitude Battery, which is offered free to students during the school year. This test is given by the Department of Defense but there is no military obligation for students who take the test. This test gives the test taker a good idea of what areas the student has for strengths and weaknesses. ASVAB is a complete battery of tests that includes math, verbal and even mechanical skills. Although this test is not mandatory, students should give serious consideration to taking this test.
- Even though most scholarships are intended for seniors, check out the few that are available to juniors. Look for the monthly scholarship bulletins that list all scholarships.

- Talk with your school counselor and parents about your college plans. Register to take the PSAT in October. There is a fee for this test, which is administered at THS by the counseling staff.
- Start thinking about what you are looking for in a college. Take the following into consideration: enrollment, location, programs offered, security, admission requirements, and cost.
- Make sure you have a social security number. It would be a good idea to memorize it. If you have not already become active in extracurricular activities, think about becoming involved in these types of activities. Many scholarships take this involvement very seriously. This is true especially during the junior year.
- Visit with college reps when they visit THS. Prepare a list of questions about that particular school. Make final decisions about what classes to take as a senior. We also have classes with dual credit from Lincoln Land Community College. Check this out with your counselor.

Spring

- Begin keeping any information you have acquired from different schools. Create a folder for each school. Keep all information.
- Continue to visit with college reps and acquire information on colleges.
- Begin narrowing your list of possible colleges.
- Plan for any college visit you might want to take during the summer. When visiting, make sure you talk to a person in the admissions office, housing office and financial aid office.

GRADE 12

Fall and Winter

- Consider retaking the ACT or SAT again if you have only taken it one time. It is recommended to take the ACT or SAT at least twice. Colleges take only your best score.
- Visit Student Services several times a week to check on the availability of scholarships. Scholarships are listed in the daily bulletin and on the counseling website. Visit our website for the latest information and dates at <https://sites.google.com/a/tcusd3.org/thc-counseling/>.
- Make an appointment and talk to your counselor about your college and scholarship plans.
- Decide whom you are going to ask for recommendations for admissions and scholarship applications. Talk to these people ahead of time to check out how much time they would like to have to write the recommendations. Planning ahead helps prevent problems.
- Send off scholarship applications. Keep copies and make sure all required information accompanies all applications. Follow directions exactly and always type the applications unless instructed otherwise.
- Get applications for the colleges on your list. Applications can be obtained in the Student Services Office or many can be downloaded from the Internet web page of that particular school or the counseling website. Make sure you get housing information as well as financial aid information from each school.
- Submit any early applications after carefully checking them and keeping copies. Keep copies of everything. Make sure transcripts, recommendations, or any other relevant information is sent as well.
- Encourage parents to mail off tax returns as early as possible for financial aid reasons.
- Prepare FAFSA to be sent off as soon after October 1, as possible. Make sure all information on FAFSA is correct. Keep copies.
- Narrow choice of schools down to fewer than 4. If you have not made a visit to any of these schools, do so.

Spring

- Review college acceptances and financial offers you have received. Talk over your choices with your parents.
- Make a decision based on what is best for you and your family.
- Notify the school that you have chosen. Make sure you send in any deposits that may be needed. Many times housing requires a deposit. Continue to send off scholarship applications. Some are awarded late in the school year or after graduation.

- Maintain good grades. Colleges can and do cancel admission rights to students who do not continue with good grades after admittance.
- Arrange to have a final transcript sent off to the college(s) of your choice.
- Notify the schools that you have decided not to attend of your decision.

POST HIGH SCHOOL

Many items will be different when planning your first year of education after you get out of high school. Listed below are some issues to take care of after high school graduation but before the actual start of your new school.

- Check out any orientation sessions that might be held during the summer for incoming students.
- Make sure your living arrangements are set. Many schools allow first year students to live with a specific roommate. If you have someone with whom you want to room, check it out with the school to see if that is possible. Another consideration is the type of living arrangements. Some schools offer living arrangements that emphasize studying, athletics, or even specific areas of study.
- Make sure you meet all the fee deadlines. You can lose any prior arrangements with the school if payment is not made on time.
- Make sure you have whatever clothing is required for the upcoming school year. Many students find that they have to do much more walking when they are away at school. Consider the climate, where you will be living in relation to your classrooms, and basic layout of the campus.
- Plan ahead for your personal items you may want to take. Items like fans, pictures, electronic equipment or even musical instruments need to be considered.
- If you are going to be eating on campus, meal plans may need to be considered. Some schools offer a variety of meal plans based on the number of meals per week. Find the one that is right for you.
- Several other considerations should be laundry, long distance phone calls and a budget for spending money (checking accounts and credit cards). During the first year of post high school education, keep in mind the following points:
 - Most schools have minimum academic standards. These standards must be met to continue attending the school.
 - Generally speaking, most schools are not very flexible when it comes to maintaining their academic standards.
 - Keep in contact with your academic advisor. If you are having trouble, seek help immediately. Post high school education can be very fast paced. It is easy to get behind in your academics and can be very difficult to catch up. It is much easier to stay on track.
 - Stay in contact with your instructors. Let them know who you are. Let them know that you care about your education and you care about their class. This can be a big advantage in larger schools.
 - Keep in contact with the Financial Aid Office at your school. If you are receiving any kind of financial aid, you probably will have to go through the same process of getting aid for your second year as you did for your first year. This means filling out the forms, finding out if any scholarships you might have had are renewable and in general, repeating the whole process. Your school's financial aid office will be happy to assist you in this process.
 - At some point you should discuss with your academic advisor what courses you should take your second year. Find out what is going to be offered and when you should register.

THE SELECTION PROCESS

Students and parents have many options in selecting a college. A simple question should be asked. What are we looking for in a college? Some of your options may include the following:

Size - College enrollment ranges from several hundred students to over 50,000.

Format - Colleges come in 2 year or 4 year basic formats. Programs within may vary in length.

Private or Public - Some schools are supported by the state, and some are privately supported.

Many of the private schools are smaller and may be church affiliated. There are many more private schools than public.

Location - Many schools of various sizes are located near Taylorville. This is totally a matter of personal preference.

Security - This is a factor that everyone should note. Talk to the college admission people about any trouble that may have happened on campus.

Special Programs - Some students are looking for special or specific programs. Make sure the school you are considering offers these programs.

Taking these factors into consideration will give a family a start in the selection process. This process is different for each student and family. Make up your own list.

HELPFUL RESOURCES

Many helpful resources are available to parents and students. Your most important resource is the counselors in the THS Counseling Center. Use them! Additional resources can be divided into two general groups. These groups can be classified as print and electronic sources. Listed below are some excellent printed resources that can be found in the Counseling Center or in many cases may be purchased:

The College Handbook printed by The College Board. This is a directory of almost 3,000 4 year and 2 year colleges.

Index of Majors and Graduate Degrees printed by The College Board. This lists which schools offer what majors.

Barron's Profiles of American Colleges is another comprehensive list of colleges.

Occupational Outlook Handbook, printed by the Department of Labor. This offers detailed information on most of the most popular career fields.

College Costs and Financial Aid Handbook is printed by The College Board.

The THS Student Services has many additional print resources available for students and parents. Consult your counselor for assistance. Listed below are some electronic resources available to parents and students:

The Counseling Center is online so that a student or parent can access websites including any or all of the following:

www.act.org is the website of the ACT organization includes test registration and preparation.

<https://www.collegeboard.org/> is the website of the College Board offers a wide variety of information, including test preparation for the SAT and much information about careers and financial aid.

www.isac.org is the website of the Illinois Student Assistance Commission (ISAC). ISAC is responsible for the distribution of all federal and state financial aid in the state of Illinois. This is a terrific site that has other information, such as a financial aid estimator, long term financial planning information, a loan repayment calculator, college cost and savings information, information on the college selection process, and even information on academic preparation for college. At this website you will find Higher-EdNet. At this location you will find a free scholarship search service, sponsored by the state, that will select scholarships for you, based on information you provide. This can be a very valuable tool.

www.fafsa.ed.gov site is for seniors who want to apply for federal and state financial aid online. It also has a lot of great information.

www.ftc.gov/bcp/menu-jobs.htm is the federal government information source on scholarship scams.

FOUR YEAR EDUCATIONAL PLAN FORM

Name (Last) _____ (First) _____ (Middle Initial) _____

<i>FRESHMEN</i> FIRST SEMESTER	CREDIT	SECOND SEMESTER	CREDIT
English:	1	English:	1
Math:	1	Math:	1
Science:	1	Science:	1
PE/Health	1	Government	1
Elective:	1	PE/Health	1
Elective:	1	Driver Education	0
Elective:	1	Elective:	1

CAREER GOAL _____ CREDIT TOTAL _____

<i>SOPHOMORE</i> FIRST SEMESTER	CREDIT	SECOND SEMESTER	CREDIT
English:	1	English:	1
Math:	1	Math:	1
Science:	1	Science:	1
PE/Health	1	PE/Health	1
Elective:	1	Elective:	1
Elective:	1	Elective:	1
Elective:	1	Elective:	1

CAREER GOAL _____ CREDIT TOTAL _____

<i>JUNIOR</i> FIRST SEMESTER	CREDIT	SECOND SEMESTER	CREDIT
English:	1	English:	1
Math:	1	Math:	1
American History	1	American History	1
PE/Health	1	PE/Health	1
Science Elective:	1	Science Elective:	1
Consumer Education:	1	Elective:	1
Elective:	1	Elective:	1
Elective:			

CAREER GOAL _____ CREDIT TOTAL _____

SENIOR FIRST SEMESTER	CREDIT	SECOND SEMESTER	CREDIT
English:	1	English:	1
Consumer Education	1	PE/Health	1
PE/Health	1	Math Elective:	1
Math Elective:	1	Science Elective:	1
Science Elective:	1	Social Studies Elective:	1
Elective:	1	Elective:	1
Elective:	1	Civics	1

CAREER GOAL _____ CREDIT TOTAL _____

AGRICULTURE DEPARTMENT

Graduation requirements in Agriculture: 1 credits (one year) of Fine Arts or Vocational Education

A sequence of specific courses should be planned based upon the student's background and ability in Vocational Education as well as his/her proposed career field. The following sequences of agriculture are recommended:

	Freshmen	Sophomore	Junior	Senior
Special Education	-Introduction to Agriculture	-Basic Agriculture Mechanics I	-Basic Agriculture Mechanics II -Biological Science Applications in Agriculture	-Agri-Business Management -Biological Science Applications in Agriculture
2-Year Technical	-Introduction to Agriculture -Plant & Animal Biology	-Basic Agriculture Mechanics I -Biological Science Applications in Agriculture -Horticulture 1 -Horticulture 2 -Floral Design	-Basic Agriculture Mechanics II -Biological Science Applications in Agriculture -Leadership Development -Horticulture 1 -Horticulture 2 -Floral Design -Agricultural Machinery & Service I -Landscape Management -Precision Agriculture & Technology -Agriculture Financial Planning and Marketing -Vocational/Agriculture School-to-Work -Agriculture Mathematics -SAE Independent Study -CACC -LLCC	-Leadership Development -Horticulture 1 -Horticulture 2 -Floral Design -Landscape Management -Agricultural Machinery & Service I or II -Agri-Business Management -Precision Agriculture & Technology -Agriculture Financial Planning and Marketing -Vocational/Agriculture School-to-Work -Agriculture Mathematics -SAE Independent Study -CACC -LLCC
2-4 Year College Bound	-Introduction to Agriculture -Plant & Animal Biology	-Basic Agriculture Mechanics I -Biological Science Applications in Agriculture -Horticulture 1 -Horticulture 2 -Floral Design	-Basic Agriculture Mechanics II -Biological Science Applications in Agriculture -Leadership Development -Horticulture 1 -Horticulture 2 -Floral Design -Agriculture Machinery & Service I -Landscape Management -Precision Agriculture & Technology -Agriculture Financial Planning and Marketing	-Leadership Development -Horticulture 1 -Horticulture 2 -Floral Design -Landscape Management -Agricultural Machinery and Service I or II -Agri-Business Management -Precision Agriculture & Technology -Agriculture Financial Planning and Marketing -Vocational/Agriculture School-to-Work

			-Vocational/Agriculture School-to-Work -Agriculture Mathematics -SAE Independent Study -CACC -LLCC	-Agriculture Mathematics -SAE Independent Study -CACC -LLCC
Accelerated 4-Year College Bound	-Introduction to Agriculture -Plant & Animal Biology	-Basic Agriculture Mechanics I -Biological Science Applications in Agriculture -Horticulture 1 -Horticulture 2 -Floral Design	-Basic Agriculture Mechanics II -Biological Science Applications in Agriculture -Leadership Development -Horticulture 1 -Horticulture 2 -Floral Design -Agriculture Machinery & Service I -Landscape Management -Precision Agriculture & Technology -Agriculture Financial Planning and Marketing -Vocational/Agriculture School-to-Work -Agriculture Mathematics -SAE Independent Study -CACC -LLCC	-Leadership Development -Horticulture 1 -Horticulture 2 -Floral Design -Landscape Management -Agricultural Machinery and Service I or II -Agri-Business Management -Precision Agriculture & Technology -Agriculture Financial Planning and Marketing -Vocational/Agriculture School-to-Work -Agriculture Mathematics -SAE Independent Study -CACC -LLCC
Possible Careers in this field	<i>Careers Requiring an Associate's Degree in Manufacturing cluster: Blacksmith Electrician, HVAC Tech, Industrial Machinery Mechanic</i>	Manufacturing Technician Plumber Production Manager Quality Control Technician, Tool and Die Maker, Upholsterer Welder Industrial Machinery Mechanic		<i>Careers Requiring a Bachelor's Degree in the Manufacturing Cluster: Design Engineer Electrical Engineer Environmental Engineer Industrial Engineer Labor Relations Manager Quality Controller Safety Engineer</i>
	<i>Careers Requiring Associate's Degree in Ag Business Management Cluster: Civil Engineering Tech Commercial Driver Farm Equipment Tech Miner Power Plant Operator Survey Technician</i>		<i>Careers Requiring a Bachelor's Degree in Ag Business Management Cluster: Ag Engineer Botanist Civil Engineer Dietician Environmental Consultant or Engineer Food Inspector Global Information System Specialist Ag Teacher</i>	Veterinarian

All Agricultural Classes Are Electives

• **AG 2101 INTRODUCTION TO AGRICULTURE** - Year, 1 credit, elective - Grades 9, 10, 11, 12 - **No Prerequisite**

This is an introductory course that provides an opportunity for students to learn how the agriculture 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, biotechnology, food science technology, and environmental science are included. The development of leadership, employability and life skills are introduced. Because FFA and Supervised Agriculture

Experience (SAE) are integral components of this course, students are encouraged to maintain an SAEP and to participate in activities of the FFA organization.

- **AG 2331 AGRICULTURAL MACHINERY AND SERVICE I** - Year, 1 credit, elective – Grades 11, 12 – **Prerequisite: Completed Basic Agriculture Mechanics 2 or teacher approval.**

This comprehensive machinery service course concentrates on the following areas: using service manuals, electrical applications for agricultural equipment, regular maintenance of agriculture equipment in central Illinois, fundamentals of large multi-cylinder engines, reconditioning and repairing agricultural equipment, assembling and adjusting equipment. SAE (Supervised Agriculture Experiences) are integral components of this course, students are encouraged to maintain SAE (Supervised Agriculture Experiences) and to participate in related FFA CDE (Career Development Events) activities.

- **AG 2332 AGRICULTURAL MACHINERY AND SERVICE II** - Year, 1 credit, elective – Grades 11, 12 – **Prerequisite: Completed Basic Agriculture Mechanics 2, Ag Machinery and Service 1 or teacher approval.**

This comprehensive machinery service course concentrates on **advancing** the following areas: using service manuals, electrical applications for agricultural equipment, regular maintenance of agriculture equipment in central Illinois, fundamentals of large multi-cylinder engines, reconditioning and repairing agricultural equipment, assembling and adjusting equipment **and painting**. SAE (Supervised Agriculture Experiences) are integral components of this course, students are encouraged to maintain SAE (Supervised Agriculture Experiences) and to participate in related FFA CDE (Career Development Events) activities.

- **AG 2340 LEADERSHIP DEVELOPMENT** - Semester, 0.5 credit, elective – Grades 10, 11, 12 – **No Prerequisite**

This course focuses on the instruction and practice of leadership development and personal growth. Major units of study include leadership categories and styles, developing leaders, leading teams and groups, communication skills, public speaking, goal setting, problem solving, decision-making, positive reinforcement, and motivation. Students will focus on cover letter and resume development as well as the follow up procedures for interviews. They will cultivate proper employability skills for their future careers.

- **AG 2111 BASIC AGRICULTURE MECHANICS I** - Year, 1 credit, elective - Grades 10, 11, 12 **Prerequisite: Successful completion of Introduction to Agriculture.**

This introductory course is designed to develop the student's knowledge and skills in the area of mechanical technologies. Theory and hands-on experiences are developed to provide opportunities for students to develop basic knowledge and skills in the agricultural mechanics field. Units include safety involved in agricultural mechanics; use of basic hand tools; introduction to use and operation of power tools; introduction to carpentry, arc welding, and cutting; basic electricity, plumbing, concrete, surveying, project planning, building and construction.

- **AG 2241 BASIC AGRICULTURE MECHANICS II** - Year, 1 credit, elective- Grades 11, 12 **Prerequisite: Successful completion of Introduction to Agriculture and Basic Ag. Mechanics I.**

Basic Agriculture Mechanics II is an advanced exploration into the Agricultural/Mechanic Technologies industry. This course concentrates in expanding the student's knowledge and experiences with agricultural technologies utilized in the agriculture industry. Technical manuals as well as text materials will be utilized. Areas to be included are advanced carpentry, advanced arc and MIG welding, plasma cutting, ox-ace, welding and cutting, planning, cost estimations, and customer relations. Further technologies will include UAV's in agriculture production.

- **AG 2215 PLANT AND ANIMAL BIOLOGY** - Year, 1 credit, elective - Grades: 9, 10 - **No Prerequisite.**

This year-long course is based on the Next Generation Standards (NGSS) - Life Sciences and the National Agriculture, Food, and Natural Resources (AFNR) Standards. The relevance of science is conveyed and reinforced through the applied setting of agriculture by enhancing literacy in science and scientific processes as applied to plants and animals. Student learning is extended through scientific inquiry strategies including, but not limited to: observational, lab activities, scientific experimentation, and deductive reasoning. Topics of study include scientific method, cell biology, photosynthesis & cellular respiration, genetics, heredity, evolution, plant and animal growth/reproduction, and agroecology. All students will complete an agri-science project and be eligible to compete in the State FFA Agri-Science Fair. 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. **This course may be taken for Biology required credit and is listed in the science department course descriptions.**

- **AG 2211 BIOLOGICAL SCIENCE APPLICATIONS IN AGRICULTURE (BSAA)** - Year; 1 credit, elective - Grades: 10, 11, 12 - **Prerequisite: Successful completion Introduction to Agriculture and biology.**

Biological Science Applications in Agriculture (BSAA) is a course designed to reinforce and extend the students' understanding of science by associating scientific principles and concepts with relevant applications in agriculture. Students will examine major phases of the animal and plant industry in this year- long version of BSAA, and will deepen their understanding of science as content and as a process through the use of numerous laboratory exercises and experiments. Students can also establish a Supervised Agricultural Experience Program and participate in agricultural science activities of the FFA.

In BSAA students will apply their knowledge of biology to management decisions and practices in agriculture. Sample topics include 1) Growth and Development of Animals and Plants - including embryology, ethnology, nutrition and 2) Processing Animal and Plant Products - preservation, fermentation, and pasteurization. **This course may be taken for science elective credit and is also listed in the Science department course descriptions.**

- **AG 2330 VETERINARY TECHNOLOGY** – Semester; 0.5 credit, elective – Grades 11, 12 – **Prerequisite: Successful completion of Biology.**

This course will develop students' understanding of the small and companion animal industry, animal anatomy and physiology, animal ethics and welfare issues, animal health, veterinary medicine, veterinary office practices, and animal services to humans. Career exploration will focus on veterinarian, veterinary lab technicians, office lab assistant, small animal production, research lab assistant, and animal nutrition lab technician. Improving computer and workplace skills will be a focus. Participation in FFA activities and SAE projects is an integral course component for leadership development, career exploration and reinforcement of academic concepts. **This course may be taken for science elective credit and is also listed in the science department course descriptions.**

- **AG 2350 NATURAL RESOURCES & ENVIRONMENTAL SCIENCE** – Semester; 0.5 credit, elective – Grades 10, 11, 12 – **Prerequisite: Successful completion of Biology and Intro to Ag (or concurrent enrollment in Intro to Ag).**

This course covers a wide range of topics concerning agriculture, natural resources, and environmental science and develops an understanding of the connection between agriculture and nature. Topics covered in this course will include: understanding natural resources and their importance and availability, environmental impacts of production agriculture as well as solutions, conservation, alternative energy, sustainable farming practices, ecology, wildlife preservation, and pollinators. Improving computer and workplace skills will be a focus. Participation in FFA activities and SAE projects is an integral course component for career exploration and reinforcement of academic science concepts. **This course may be taken for science elective credit and is listed in the science department course descriptions.**

- **AG 2250 FLORAL DESIGN** - Semester; 0.5 credit, elective- Grades 10, 11, 12 - **No prerequisite**

This course is designed to provide students with hands-on applications. Students will investigate the floral business. Students will learn about the preparation techniques for both fresh and dried plant materials as well as creating *dry* and fresh arrangements, swags, corsages, and boutonnieres.

- **AG 2230 HORTICULTURE 1** - Semester; 0.5 credit, elective - Grades 10, 11, 12 **Prerequisite: Successful completion of Biology or Plant & Animal Biology.**

This course provides agriculture students with a basic understanding of growing plants and working knowledge of a small-scale greenhouse. Topics include plant anatomy & physiology (roots, stems, leaves, flowers), plant identification, growing media, simple plan propagation, and greenhouse structures. Basic greenhouse operations and general plant care will be a major focus throughout the semester. Students will also be introduced to basic horticultural business concepts and career opportunities. Participation in FFA activities and Supervised Agricultural Experience (SAE) projects is encouraged for leadership development, career exploration, and reinforcement of academic concepts.

- **AG 2231 HORTICULTURE 2** - Semester; 0.5 credit, elective - Grades 10, 11, 12 **Prerequisite: A or B semester average in Horticulture 1 or instructor approval.**

This upper-level course builds on what was learned in Intro to Horticulture and offers additional instruction in

greenhouse production. Units of study include advanced plant identification & greenhouse management, landscape design, landscape installation and maintenance, and hydroponics. Agribusiness instruction will cover operating a horticultural business with topics that include: pricing, advertising, sales, and business management. Improving computer and workplace skills will be a focus. Participation in FFA activities and Supervised Agricultural Experience (SAE) projects is encouraged for leadership development, career exploration, and reinforcement of academic concepts.

- **AG 2360 PRECISION AGRICULTURE & TECHNOLOGY** - Year, 1 credit, elective - Grades 11, 12 **Prerequisite: Successful completion of Introduction to Agriculture or teacher approval.**

Students will work closely with unmanned aerial vehicles, GPS/precision planting and harvesting as well as other technologies involved in production agriculture. SAE (Supervised Agricultural Experiences) are integral components of this course, students are encouraged to maintain SAE (Supervised Agricultural Experiences) and to participate in related FFA CDE (Career Development Events) activities.

- **AG 2370 AGRICULTURE BUSINESS PLANNING & MARKETING**- Year, 1 credit, elective - Grades 11, 12 - **Prerequisite: Successful completion of Introduction to Agriculture or teacher approval.**

This course is designed to develop the student's knowledge and skills in the area of agri-business operations in today's high-tech agriculture world. Units include the organization and function of agriculture economics, global issues that affect markets and commodity trade changes, basic agricultural business math, grain/ commodity merchandising strategies, and several agricultural business procedures will be included. AET computer applications, human relations skills, sales duties, using agriculture technology in sales tactics, financial investment options, basic taxes (property & income), and insurance needs will be covered. Another goal is to increase student knowledge and awareness of new agricultural products and service areas. Students will maintain record books on jobs outside of the class curriculum. Students will learn agriculture marketing and grain sales.

- **AG 3310 SAE INDEPENDENT STUDY**- Year, 1 credit, elective – Grades 11, 12 – **Prerequisite: Approval of teacher, administration, completion of two years of agriculture courses, and have an approved SAE project.**

This independent study course is designed to establish knowledge and skills in various agriculture career areas, establish record keeping skills, responsibility, work ethic, budgeting, and interview skills. Students will gain credit by establishing an agriculture entrepreneurship business, work for a local agriculture business, conduct and exhibit an agriculture science research project, or productively raise crops and or animals after school hours. Students will be required to verify their experiences by keeping AET computerized records including: business agreements, budgets, inventories, daily activities, hours worked, income and expenses, total earnings, depreciation, net worth, records of FFA activities and community service activities. Students will be required to conduct a 15 minute interview at the chapter and section level on their SAE experience with agriculture business leaders. Instructor supervision will be conducted through visits 4 times a 9 weeks. Students will be required to submit on a weekly basis a record of their experience, skills learned, safety tasks used, expenses, income, FFA activities, and logs of their daily experiences.

- **AG 3320 ANIMAL SCIENCE**- Semester ,0.5 credit, elective – Grades 11, 12 – **Prerequisite: C+ or better in all classes from the previous semester or instructor approval.**

This course introduces the application of the sciences of genetics, physiology, and nutrition in the livestock animal industry. It also incorporates management and production practices as well as the use of companion animals. Topics of instruction include livestock animal breeds, selection/breeding and how they contribute to the improvement of the livestock industry, reproductive anatomy and physiology, nutrition, and animal behavior. Environmental impact, health, and sanitation are also covered as well as current issues in animal science. As with all other courses in the Agriculture Department, curriculum, technology, communication, and development of workplace skills will be a focus. Participation in FFA activities and SAE projects is an integral department component for career exploration and reinforcement of academic concepts.

- **AG 2390 AGRICULTURE MATHEMATICS**- Year, 1, elective – Grades 11, 12 – **Prerequisite: Successful completion of Integrated Algebra & Geometry 1, 2 & 3 or Plane Geometry.**

This course is designed to teach students mathematical skills that relate to the agriculture industry. Specific areas covered will be time value of money, depreciation, fertilizer formulations, pesticide and herbicide application math,

veterinary math, large animal nutrition math, corn, soybean, wheat harvesting math, pricing agriculture work according to acre, yard, foot, or time, and a variety of basic mathematical formulations used in everyday production agriculture. This course will give students the opportunity to learn math skills that are used on a daily basis in farming and horticulture. Many of the concepts that will be taught are agriculture math skills that have visual references. Examples include determining antibiotic dosing for a steer, determining the Round-Up concentration level for a field of soybeans, determining the financial benefit or loss of harvesting corn at 20% moisture, determining the amount of concrete needed for a new bin site, and reading a tape measure to calculate the amount of lumber needed for a machine shed repair. Math is used everyday in the agriculture industry, this course will show students how to utilize basic concepts. **This course may be taken for math credit.**

ART DEPARTMENT

Graduation requirements in Art: 1 credits (one year) of Fine Arts or Vocational Education

Many colleges are recommending two years of Fine Arts for freshmen admission requirements. A sequence of specific courses should be planned based upon the student's background and ability in Fine Arts as well as his/her proposed career field. The following sequences of Art are recommended:

	Freshmen	Sophomore	Junior	Senior
PRACTICAL CAREER	-Intro to Art	-Drawing I -Ceramics I	-Painting - Watercolor/Acrylics - Painting - Oils - Ceramics I	-Painting - Watercolor/Acrylics - Painting - Oils - Ceramics I -Advanced Senior Art
2-Year Technical	-Intro to Art	-Drawing I -Ceramics I	-Painting - Watercolor/Acrylics - Painting - Oils - Ceramics I	-Painting - Watercolor/Acrylics - Painting - Oils - Ceramics I -Advanced Senior Art
2-4 Year College Bound	-Intro to Art	-Drawing I -Ceramics I	-Painting - Watercolor/Acrylics - Painting - Oils - Ceramics I	-Painting - Watercolor/Acrylics - Painting - Oils - Ceramics I -Advanced Senior Art
Accelerated 4-Year College Bound	-Intro to Art	-Drawing I -Ceramics I	-Painting - Watercolor/Acrylics - Painting - Oils - Ceramics I	-Painting - Watercolor/Acrylics - Painting - Oils - Ceramics I -Advanced Senior Art
Possible careers in this field:	Artist Graphic Designer Animator Photographer Website Designer Curator/Gallery Manager			

All Art Classes Are Electives

- **AR 2101 INTRODUCTION TO VISUAL ARTS**- Year, 1 credit/semester – elective - Grades 9, 10, 11, 12 - **No prerequisite.**
This class approaches the elements and principles of art throughout the year. The student will be involved in different kinds of media ranging from pencil to tempera paint. Each student will enhance his/her knowledge of art history throughout the year.
- **AR 2201 DRAWING** - Year, 1 credit/semester - elective - Grades 10, 11, 12 - **Prerequisite: Successful completion of Introduction to Visual Arts.**
This class approaches lessons dealing with the elements and principles of drawing with the use of value in order to create a composition. The class will involve: drawing hands, drawing landscapes, still life, linoleum block printing, and perspective using a variety of medias. Content includes: graphite pencil, charcoal, ink, pastels, and oil pastels. The student will also deal with learning about art history, aesthetics, and art criticism.
- **AR 3302 PAINTING - WATERCOLOR/ACRYLICS**- 1 Semester, 1 credit - elective - Grades 11, 12 - **Prerequisite: Successful completion of Introduction to Visual Arts and Drawing.**
This class will explore the use of two different painting mediums: watercolor, and acrylic. The student will learn several techniques in order to create abstract or realistic compositions. The student will learn to deal with aesthetics and art criticism during the semester.
- **AR 3303 PAINTING - OILS**- 1 Semester, 1 credit - elective - Grades 11, 12 - **Prerequisite: Successful completion of Introduction to Visual Arts and Drawing.**
This class approaches the different techniques dealing with oil painting. Throughout the semester the student will learn the following in oils: Alla Prima, Impasto, Expressive brushwork, palette knife, and glazing.. Students will also be involved in art critiques throughout the semester.
- **AR 3332 CERAMICS** - Year, 1 credit/semester - elective Grades 10, 11, 12 - **Prerequisite: Successful completion of Introduction to Visual Arts.**
The class involves the student in exploring techniques using stoneware and terra cotta clay. The student will learn techniques in pinch pots, coils, slab molds, relief building, and the use of the pottery wheel.
- **AR 3333 CERAMICS II** - Year, 1 credit/semester - elective Grades 11, 12 - **Prerequisite: Successful completion of Introduction to Visual Arts and Ceramics I.**
The class will expand on the knowledge gained in Ceramics I with hand building and pottery wheel along with some new concepts in sculpture building and glazing. Students will have an opportunity to work in a new clay medium of porcelain along with stoneware and terra cotta. Each student will be required to participate in critiques.
- **AR 3401 ADVANCED SENIOR ART** – Year, 1 credit/semester – elective – Grade 12 - **Prerequisites: 3 years of art and the permission of the teacher.**
The student is required to complete 8 large scale projects in at least three different medias along with a sketchbook. College bound art students will be required to purchase and put together a portfolio for entrance into a college art program. The portfolio can be substituted for one project. Each student will be involved in art critiques throughout the quarter.

BUSINESS DEPARTMENT

Graduation requirements in Business: Required course is Consumer Education

A sequence of specific courses should be planned based upon the student's background and ability in Business, as well as his/her proposed career field. The following sequences of Business are recommended:

Business Management & Administration Career Cluster

Finance Career Cluster

Marketing Career Cluster

	Freshmen	Sophomore	Junior	Senior
Vocational Bound	-Computer Concepts -Freshmen Seminar -Tommy TV	-Tommy TV	-Introduction to Microsoft Office -Computer Applications & Systems -Tommy TV	-Consumer Education -Accounting I -School to Work -Business Management -Tommy TV
2 or 4 Year College Bound	-Computer Concepts -Freshmen Seminar -Tommy TV	-Tommy TV -Introduction to Microsoft Office	-Computer Applications & Systems -Business Management -Accounting I -Web Design -Tommy TV	-Consumer Education -Accounting II -School to Work -AP Computer Science Principles -Tommy TV
Accelerated 4-Year College Bound	-Computer Concepts -Freshmen Seminar -Tommy TV	-Tommy TV - Introduction to Microsoft Office -Business Management -Accounting I	-Accounting I -Computer Applications & Systems -Business Management -Web Design -Robotics -Tommy TV	-Consumer Education -Accounting II -AP Computer Science Principles -School to Work -Tommy TV
Possible careers in this field:	Accountant Management Consultant Social Media Manager Financial Analyst Teacher Sales Manager	Insurance Agent Realtor Marketing/Advertising Human Resources Purchasing Manager Bookkeeper Data Entry Clerk Event Planner		

	Personal Finance Advisor			
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Information Technology Career Cluster

Technology & Engineering Career Cluster

	Freshmen	Sophomore	Junior	Senior
2-Year Technical	-Computer Concepts -Freshmen Seminar -Tommy TV	-Tommy TV	-Intro to Microsoft Office -Web Design -Business Management -Tommy TV	-Consumer Education -Computer Applications & Systems -Robotics -School to Work -Tommy TV
2-4 Year College Bound	-Computer Concepts -Freshmen Seminar -Tommy TV	-Tommy TV -Introduction to Microsoft Office -Web Design	-Computer Applications & Systems -Web Design -Robotics -Business Management -Tommy TV	-Consumer Education -AP Computer Science Principles -Principles of Engineering -Tommy TV
Accelerated 4-Year College Bound	-Computer Concepts -Freshmen Seminar -Robotics -Tommy TV	-Tommy TV -Introduction to Microsoft Office -Robotics -Web Page Design -AP Computer Science Principles	-Computer Applications & Systems -AP Computer Science Principles -Tommy TV	-Consumer Education -AP Computer Science Principles -Principles of Engineering -Tommy TV
Possible careers in this field:	Computer Engineers Computer Network Architects Computer Networking Specialists Computer Programmers Computer System Administrators Computer System Analysts		Computer User Support Specialists Database Administrators Information Security Analysts Web Developers Computer and Information Research Scientists Robotics Engineers	

CONSUMER EDUCATION IS REQUIRED FOR GRADUATION CREDIT

- **BS 2300 CONSUMER EDUCATION**– Semester, 1 credit – Grade 12 - **No prerequisite. REQUIRED FOR GRADUATION.**
This senior level course is required for graduation. It is designed to help students learn the skills needed to survive and to prosper in the marketplace. Students learn to make more informed consumer decisions. The course is aimed at helping students develop practical consumer skills – planning, budgeting, shopping, spending, banking, insurance and negotiating.
- **BS2103 FRESHMEN SEMINAR** - Semester, 1 credit - Grade 9 - **No prerequisite. REQUIRED TO BE TAKEN AS**

A FRESHMAN.

It is designed to address the major issues of transition including organization, study habits, note taking and career assessment. Freshman will learn about academic requirements, attendance policies, time and stress management and helpful strategies for success in high school. Students will develop an academic and career plan by investigating the career clusters and exploring their career interests. Research on career and college opportunities will also be explored. Job application skills will include preparing a letter of application, resume writing, and interviewing.

- **BS 2120 COMPUTER CONCEPTS** - Semester, 1 credit - Grades 9, 10, 11, 12 – **No Prerequisite.**
This course is designed to teach students about computer hardware/software, how it works, and the legal and ethical issues that surround information systems. Students will learn computer history, terminology, and develop an awareness and understanding of the important uses for technology. Students will also be introduced to the basics of Google Drive, Docs, Sheets, and Slides. **This class is a prerequisite for Introduction to Microsoft Office.**
- **BS 2130 INTRODUCTION MICROSOFT OFFICE**- Semester, 1 credit, elective - Grades 10, 11, 12
Prerequisite: Successful completion of Computer Concepts with a "C+" or better
In this class, students learn the basic concepts of word processing, spreadsheets, and presentation graphics. Emphasis is on document formatting and production. This course is very valuable for a student's personal use and is recommended for both office work and college. ***This course is a dual credit class with Lincoln Land Community College when combined with Computer Applications & Systems. Students will earn 3 (three) college credit hours after completing BOTH Introduction Microsoft Office & Computer Applications & Systems.***
- **BS 3200 COMPUTER APPLICATIONS & SYSTEMS** - Semester, 1 credit - Grades 11, 12 - **Prerequisite: Successful completion of Introduction Microsoft Office with a "C+" average or better, or permission of the teacher.** (Dual Credit Option)
This class explores the more advanced features of word processing, spreadsheets, database, and presentation graphics. Students also study the integration of these features.
- **BS 2211 ACCOUNTING I** - Year, 1 credit/semester, elective - Grades 10, 11, 12 - **Prerequisite: C+ or better in Integrated Algebra & Geometry 2 or 3, or Algebra I or teacher permission.**
This is a skill level course 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. Practice sets with business papers may be used to emphasize actual business records management.
- **BS 3301 ACCOUNTING II / COMPUTERIZED ACCOUNTING** - Year, 1 credit/semester - Grades 11, 12 - **Prerequisite: C+ or better in Accounting I, or have permission of teacher.**
This is a skill level course that builds upon the foundation established in Accounting I. This course is planned to help students develop a deeper knowledge of the principles of accounting with more emphasis being placed on financial statements and accounting records. It is a study of previously learned principles as they apply to the more complicated types of business organizations: partnerships, corporations' branches. The students become familiar with specialized fields of accounting, such as tax and payroll. Simulated business conditions may be provided through the use of practice sets. During the second semester, students will use their knowledge of Accounting I and II with specialized accounting software. All financial records will be entered in the computer and then processed. This will give students practical knowledge of the accounting field. The course will help students who plan to make a career in accounting and those who are interested in bookkeeping jobs.
- **CEO CREATING ENTREPRENEURIAL OPPORTUNITIES (CEO)** - Year, 2 credit/semester - Grades 11, 12
Prerequisite: Program committee approval.

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

- **BS 2250 BUSINESS MANAGEMENT**- Semester, 0.5 credit - Grades 10, 11 & 12 - **Prerequisite: Successful completion of Introduction to Microsoft Office and teacher approval.**

The Business Management course provides students with an understanding of the business management functions, various management theories and the basic organization of a business. Students learn that business management is the process of using the resources of a business to efficiently and effectively achieve its goals through planning, organizing, staffing, leading and controlling. The study of business management is an essential component in the design and delivery of a comprehensive business education curriculum. Students build a strong knowledge base and develop effective management skills and learn that successful managers are individuals who understand the benefits of teamwork. Students will recognize the importance of technology and information management in the decision-making process and the value of ethics and social responsibility in building and maintaining business relationships. In addition, students will realize that the ability to recognize and respond to new business opportunities and changing economic conditions is critical to the overall success of a business both locally as well as in the global marketplace. The material covered in this course is reinforced and enhanced through the use of technology, guest speakers, videos, field trips, and hands-on, project-based activities (which will be used in the school store) whenever possible.

- **BS 2331 VOCATIONAL SCHOOL TO WORK** - Year, 3 credit - Grades 11, 12 **Prerequisite: Approval of instructor and administration. Job application and Resume will be required. This course would fulfill Consumer Education credit.**

Cooperative education is a structured method of combining classroom-based education with practical work experience. A cooperative education experience, commonly known as “co-op”, provides academic credit for structured job experience. This will be an everyday classroom period, plus on-the-job workplace experiences.

This course is designed to give students real workplace skills that they will be able to use in their future career. It will also be designed to give students the opportunity to master specific skills in a possible career field and/or the world of work. Students will learn workplace skills such as responsibility, work ethic, communication skills, dependability, loyalty, cooperation, self-motivation, and initiative. This course will also give students the opportunity to learn skills and trades that will not be available in the school education setting. Students will have the option of working 1 to 3 class hours per school day and must work everyday during the school week. Students will be required to submit daily work logs, goals of the job, hours, and job finances on the AET computer program. All OSHA, school policies, and employer policies will be followed. Students must be willing to work on days when school is not in attendance, such as holiday breaks, school improvement days, and teacher institutes. Instructor will assist students with job opportunities but will not be required to secure positions of employment. Students will be visited on the job 1 to 2 times per nine weeks. Midterm and nine week rubric/evaluations will be completed by the employer, and final grades will be determined based on 25% instructor evaluations (based on turning in and quality of weekly work logs and required reports) 25% from classroom work and 50% employer evaluations (based on grading rubric).

ENGLISH DEPARTMENT

Graduation requirements in English: 4 credits (four years)

Many colleges are recommending four years of English for freshmen admission requirements. A sequence of specific courses should be planned based upon the student's background and ability in English as well as his/her proposed career field. The following sequences of English are recommended and will meet most college/university admissions requirements, but students are encouraged to check with the specific college/university to make sure the elective courses the student selects will meet admissions requirements:

	Freshmen	Sophomore	Junior	Senior
Practical Career	-Practical English 9	-Practical English 10	-Practical English 11	-Practical English 12
2-Year Technical	-English 9	-English 10	-Junior English	-Senior English
2-4 Year College Bound	-English 9 -Journalism I	-English 10 -Journalism II -Speech I & II	-English 11 -Speech I & II -Creative Writing -Modern Novels -Journalism III	-English 12 -Creative Writing -Modern Novels -Film as Literature -Journalism IV
Accelerated 4-Year College Bound	-English 9A -Journalism I	-English 10A -Speech I & II -Journalism II	-English 11A -Creative Writing -Modern Novels -Journalism III	-English 12A or Honors English -Creative Writing -Modern Novels -Film as Literature -Journalism IV
Possible careers in this field:	Author Teacher Journalist Editor Librarian Interpreter Paralegal Public Relations Specialist			

ALL STUDENTS MUST SUCCESSFULLY COMPLETE 4 YEARS OF ENGLISH THAT MUST INCLUDE A FULL YEAR OF 9th, 10th and 11th GRADE ENGLISH. THE FOURTH YEAR OF ENGLISH REQUIREMENT MAY BE MET BY SUCCESSFULLY COMPLETING TWO SEMESTERS OF ENGLISH ELECTIVES.

ALL STUDENTS MUST SUCCESSFULLY COMPLETE ONE YEAR OF 9th GRADE ENGLISH. EACH STUDENT WILL ENROLL IN ONE OF THE FOLLOWING COURSES AS DETERMINED BY HIS/HER INDIVIDUAL NEEDS.

- **EN 1111 PRACTICAL ENGLISH 9** – Year, 1 credit – Grade 9, 10, 11, 12 - **Prerequisite: Special Education Eligibility**
Practical English 9 is designed to reinforce basic language skills. Students will learn the parts of speech, sentence and paragraph structure, and develop organizational writing skills. The various genres of literature studied include poetry, fiction, nonfiction, and drama. Freshmen in this class will learn to appreciate literature and the importance of grammar in everyday life. **TO TAKE THIS COURSE, A STUDENT MUST BE ELIGIBLE FOR SPECIAL EDUCATION SERVICES AND HAVE A CURRENT INDIVIDUALIZED EDUCATIONAL PLAN.**
- **EN 2101 ENGLISH 9** - Year, 1 credit - Grade 9, 10, 11, 12 - **Prerequisite: Junior High Teacher Recommendation**
English 9 is geared toward the potential college-bound student. It encompasses the areas of literature, grammar, vocabulary development, and both creative and organizational writing skills. The different genres of literature studied include the short story, the novel, drama, and various types of prose. Grammar studies focus on sentence structure, usage, and punctuation. A library unit introduces ninth graders to the high school library as a source of research materials and leads to a short research project. Writing experiences, which begin a sequential four-year program in the high school, include personal writing, paragraph structure and development with emphasis on the narrative, descriptive, expository, and persuasive paragraphs, and theme process and development with emphasis on literary analysis. The main distinctions between English 9 and 9A are that fewer supplemental writing assignments and literary projects are assigned in English 9.
- **EN 3101 ENGLISH 9A** - Year, 1 credit - Grade 9, 10, 11, 12 - **Prerequisite: Junior High Teacher Recommendation and required to be tested.**
English 9A is geared toward the college-bound student. It encompasses the areas of literature, grammar, vocabulary development, and both creative and organizational writing skills. The different genres of literature studied include the short story, the novel, drama, and various types of prose. Grammar studies focus on sentence structure, usage, and punctuation. A research unit introduces students to finding and recognizing credible sources, using MLA formatting, and writing a short argumentative research paper. Writing experiences, which begin a sequential four-year program in high school, include personal writing, paragraph structure and development, and theme process and development with an emphasis on literary analysis. A supplemental vocabulary text is used in addition to regular grammar and literature textbooks.
A student must maintain at least a 'B' average both semesters to remain in the accelerated English program. Students who do not maintain the 'B' average will be reassigned to a regular-level class the next year unless a consensus is reached by the principal, department chair, and classroom teacher.

ALL STUDENTS MUST SUCCESSFULLY COMPLETE ONE YEAR OF 10th GRADE ENGLISH. EACH STUDENT WILL ENROLL IN ONE OF THE FOLLOWING COURSES AS DETERMINED BY HIS/HER INDIVIDUAL NEEDS.

- **EN 1211 PRACTICAL ENGLISH 10** – Year, 1 credit – Grade 10, 11, 12 - **Prerequisite: Special Education Eligibility**
Practical English 10 is designed to further build on grammar usage, sentence and paragraph structure, and organizational skills. Literature units include fables, myths, short stories, legends, poetry, and drama. Students in this class will learn to appreciate literature and the importance of grammar in everyday life. **TO TAKE THIS COURSE, A STUDENT MUST BE ELIGIBLE FOR SPECIAL EDUCATION SERVICES AND HAVE A CURRENT INDIVIDUALIZED EDUCATIONAL PLAN.**

- **EN 2201 ENGLISH 10** - Year, 1 credit - Grade 10, 11, 12 - **Prerequisite: 1 semester of English 9 or teacher approval.**
English 10 is designed with a balance of language, composition, and literature. Approximately one-half of the year is devoted to composition and language skills, and one-half is devoted to literature. The writing process is the framework for all assignments in composition: descriptive, narrative, expository, and persuasive paragraphs; essay tests; and four-paragraph themes. Emphasized are focus, types of support, organizational patterns, coherence, and mechanics. Parts of the sentence and parts of speech are reviewed, with emphasis placed on phrases, clauses, punctuation, and usage. Literature units are organized according to types of literature. Those types are the short story, contemporary and Shakespearean drama, poetry, and the novel.
- **EN 3201 ENGLISH 10A** - Year, 1 credit - Grade 10, 11, 12 - **Prerequisite: 1 semester of English 9A or teacher approval.**
English 10A is an accelerated course in literature, grammar, and composition. During the course the students study three literary genres: drama, poetry, and the novel. In addition, students review basic grammar, usage, and punctuation; the emphasis is placed on incorporating this knowledge into the students' writing. The major focus of the course is on composition. The course will include a short research project, presentations and an argumentative essay.
A student must maintain at least a 'B' average both semesters to remain in the accelerated English program. Students who do not maintain the 'B' average will be reassigned to a regular-level class the next year unless a consensus is reached by the principal, department chair, and classroom teacher.

ALL STUDENTS MUST SUCCESSFULLY COMPLETE ONE YEAR OF 11th GRADE ENGLISH. EACH STUDENT WILL ENROLL IN ONE OF THE FOLLOWING COURSES AS DETERMINED BY HIS/HER INDIVIDUAL NEEDS.

- **EN 1311 PRACTICAL ENGLISH 11** – Year, 1 credit – Grade 11, 12 - **Prerequisite: Special Education Eligibility**
Juniors in this course work to sharpen the language skills needed in today's world. Students will learn how to find information, how information is organized, and how to use reference tools. Students will read various pieces of literature while working on reading comprehension and vocabulary. **TO TAKE THIS COURSE, A STUDENT MUST BE ELIGIBLE FOR SPECIAL EDUCATION SERVICES AND HAVE A CURRENT INDIVIDUALIZED EDUCATIONAL PLAN.**
- **EN 2301 ENGLISH 11** - Year, 1 credit - Grade 11, 12 - **Prerequisite: 1 semester of English 10 or teacher approval.**
English 11 stresses American literature, grammar, vocabulary development, and organizational writing. Grammatical emphasis includes correct sentence structure, proper usage, and accurate mechanics. Writing assignments involve journal topics, paragraph assignments, and persuasive/argumentative skills. This class requires the successful completion of an argumentative research paper in order to earn credit for that semester.
Geared for the average learner, the genres of American literature are prose, poetry, drama, and the American novel. The literary text chronologically covers material from the Puritan Era through the late Twentieth Century. Reading skills encouraged are recognizing cause and effect relationships, drawing conclusions, making generalizations, identifying main ideas and supporting details, predicting outcomes, understanding sequences, and summarizing.
- **EN 2311 JUNIOR ENGLISH** - Year, 1 credit - Grade 11 - **Prerequisite: 1 semester of English 10 or teacher approval.**
Junior English is geared towards students who do not plan to attend a college/university to obtain a four-year academic degree, especially those students who plan on going into a vocation or joining the military. The pace is slower than in English 11, and the material is not as rigorous. A major difference in the class is that during the second semester, the students will not complete a research paper. The class content will focus on improving reading skills using a variety of shorter, more current stories and novels. The class will also include a few films to sharpen listening skills; these films will offer a comparison with novels and will serve as a basis for writing and discussion. Students will continue with grammar, vocabulary, and test prep. The class will contain writing assignments focusing on paragraph development.
As an added note, NCAA typically does not recognize this course as college prep. Student athletes who are intent on playing at the college level will have to check with the NCAA Eligibility Center to verify that this course is approved.
- **EN 3301 ENGLISH 11A** - Year, 1 credit - Grade 11, 12 - **Prerequisite: 1 semester of English 10A or teacher approval.**

English 11A is designed for accelerated English students. In this class students review essential rules pertaining to grammar, with an emphasis placed on using those grammatical rules to improve sentence, paragraph, and composition skills. Composition is a focal point of the course. This class requires the successful completion of an argumentative research paper in order to earn credit for that semester.

The literature studied emphasizes the development of American literature from the Puritan Era to the present and includes the genres of fiction, poetry, drama, and the novel.

A student must maintain at least a 'B' average both semesters to remain in the accelerated English program. Students who do not maintain the 'B' average will be reassigned to a regular-level class the next year unless a consensus is reached by the principal, department chair, and classroom teacher.

THE FOLLOWING ENGLISH COURSES ARE ALL ELECTIVES. STUDENTS MUST SUCCESSFULLY COMPLETE 4 YEARS OF ENGLISH THAT MUST INCLUDE TWO SEMESTERS OF THE FOLLOWING:

- **EN 1411 PRACTICAL ENGLISH 12** – Year, 1 credit – Grade 12 - **Prerequisite: Special Education Eligibility**
This course is ideal for seniors reading below grade level. Students learn sentence construction, spelling, paragraph development, and how to use sentence and paragraphs in everyday writing. Students will gain understanding of various literary works through practice with reading comprehension and vocabulary. **TO TAKE THIS COURSE, A STUDENT MUST BE ELIGIBLE FOR SPECIAL EDUCATION SERVICES AND HAVE A CURRENT INDIVIDUALIZED EDUCATIONAL PLAN.**
- **EN 2411 SENIOR ENGLISH** - Year, 1 credit, elective - Grade 12 - **Prerequisite: successful completion of English 11 or teacher approval. This course can either be taken for the full year or for one semester as a student's schedule permits. The fall semester is not a prerequisite for the spring semester. This class is for students planning to attend a vocational program/certification or not attending post-secondary school after high school.**
This course is designed for those students who have traditionally not been strong in English or for those who plan to enter the workforce immediately after high school. Also, students who want to better their English skills but are not academically ready for the rigors of the strictly college-prep English courses should take this course. A key focus area for each semester is to improve reading skills and overall comprehension.
During the fall semester, the course covers a variety of literature genres via current novels. Each genre includes an assigned novel, reading-check quizzes, and/or writing assignments. Students will also complete various paragraph assignments.
The spring semester again offers current novel options. Each novel includes reading-check quizzes, and/or writing assignments. For some units, students have a reading choice, selecting the novel which best suits their tastes. Students will continue with persuasive paragraphs, building toward a finished composition.
During both semester classes, students will continue to improve their skills in spelling/vocabulary, punctuation, word usage, and organization through the use of a required notebook. All writing assignments are given with the goal of preparing students to attend a vocational school or a community college and being able to satisfactorily meet those requirements. Students do not complete a research paper in this class.
As an added note, NCAA typically does not recognize this course as college prep. Student athletes who are intent on playing at the college level will have to check with the NCAA Eligibility Center to verify that this course is approved.
- **EN 2401 ENGLISH 12** - Year, 1 credit, elective - Grade 12 - **Prerequisite: Successful completion of English 11 with semester grades of C- or better or 70% completion on the English Department Assessment Test or junior teacher approval. This class requires the satisfactory completion of both the research paper and the research powerpoint**

presentation. The class is for students planning to attend a postsecondary school after high school.

This is an elective course designed for college-bound students. The core of the course delves into major areas of British literature, including Anglo-Saxon, Medieval, Renaissance, Romantic, Victorian, and more contemporary eras. Two supplementary novels will be read outside of class, one per semester. Writing also forms an important part of the class, with one quarter devoted to a persuasive, six-to-eight page research paper and an eight-to-ten minute power point developed from each student's chosen topic. Grammar is also covered on an as-needed basis, reflecting the needs of the students as their writing is evaluated. In addition, vocabulary units are studied for the purpose of increasing skills in spelling, definition, and practical word usage.

- **EN 3401 ENGLISH 12A** - Year, 1 credit, elective - Grade 12 – **Prerequisite: successful completion of English 11A or teacher approval.**

This is an elective course designed for accelerated college-bound students. The core of the course delves into major areas of British literature, including Anglo-Saxon, Medieval, Renaissance, Romantic, Victorian, and more contemporary eras. Two supplementary novels will be read outside of class, one per semester. Writing also forms an important part of the class, with one quarter devoted to a persuasive, seven-to-nine page research paper and a ten-to-twelve minute power point developed from each student's chosen topic. Grammar is also covered on an as-needed basis, reflecting the needs of the students as their writing is evaluated. Vocabulary units are also studied for the purpose of increasing skills in spelling, definition, and practical word usage. Additional reading selections, class presentations, persuasive journal assignments, and group projects will be required.

- **EN 4401 HONORS ENGLISH** - Year, 1 credit, elective - Grade 12 - **Prerequisite: successful completion of English 11A, minimum score of 24 on the English or the Reading portions of ACT or SAT minimum score of 540 on the ERW (Evidence-Based Reading and Writing) portion or department chair approval. (Dual Credit Option) Also, to enroll for dual credit, the student must have an ACT score of 22 on BOTH the English and Reading portions; if not, the student is responsible for taking and successfully passing the LLCC assessment test at the LLCC Regional Center in Taylorville. This test must be completed before August 1. In order to be in this class you must meet BOTH requirements at THS and LLCC.**

Honors English is an intensive writing and literature course for college-bound seniors. They will read and analyze pieces of fiction and nonfiction, including essays, novels, dramas, poetry, and news articles. Although students are expected to be highly competent in grammar, usage, and mechanics, they will review those areas as needed and work on advanced vocabulary development. A key focus is writing, and students are required to master various formats. To do this level of writing, they must be organized, able to work independently, and also able to work in timed conditions; they are expected to have access to a computer, a printer and the internet as well. In all writing assignments, the class goal is to fulfill requirements set by Lincoln Land Community College. In the second semester, research projects are required. In addition, students may be expected to participate in an independent summer reading program. The work is challenging, and the pace is rigorous. **Students may have the opportunity of dual enrollment at Lincoln Land Community College, which can earn them six hours of transfer-level English college credit. Contact the school counselors for details.**

- **EN 2310 CREATIVE WRITING** - Semester, 0.5 credit, elective - Grades 11, 12 - **Prerequisite: successful completion of English 10 with a C or better.**

This course is open to juniors and seniors who have earned C's or better in their last two semesters of English. Students do not write the typical compositions assigned in their other English classes; instead, they focus on creativity and self-expression. The class covers, but is not limited to, these areas: fiction, personal essay and memoirs, magazine writing, poetry and playwriting. For added variety, the students work independently, in pairs, and in groups. Besides finishing the various steps for every assignment, they also learn to peer edit, helping each other to master the project and create truly innovative pieces.

- **EN 2320 MODERN NOVELS** - Semester, 0.5 credit, elective - Grades 11, 12 - **Prerequisite: successful completion of English 10.**

This course is open to juniors and seniors who love reading and enjoy working with more complex current material. During the course, we read approximately seven to nine novels, depending on the length of the semester. The course covers these genres: a) inspirational; b) coming-of-age/women's issues or sports mystery; c) forensic mystery or thriller; d) thriller; e) romantic comedy or fantasy or detective; f) legal drama/human condition; g) dysfunctional family

drama/human condition; h) political thriller or legal mystery or anthropology/forensic mystery; i) psychological thriller (two choices) or culinary mystery. For most units, students have a reading choice, selecting the novel which best suits their tastes.

Besides reading, if time allows, the class watches a classic movie based on a novel and completes a research project (not a term paper). The class takes quizzes, participates in “book-circle” type discussions, and completes various surveys and questionnaires.

- **EN 2210 SPEECH I** - Semester, 0.5 credit, elective - Grades 10, 11, 12 - **No prerequisite.**

Speech I, a course open to sophomores, juniors, and seniors, focuses on basic theory and the circular nature of communication. Major units covered are perception, verbal, and nonverbal communication, listening, and public speaking. Emphasis is placed on audience analysis, appropriate topic choice, research skills, organization, outlining, and presentation of informative speeches. The role of the receiver in the communication process and peer evaluation are also discussed in conjunction with all extemporaneous speaking.

- **EN 2220 SPEECH II** - Semester, 0.5 credit, elective - Grades 10, 11, 12 - **Successful completion of Speech I, with C or better.**

Speech II, a course open to sophomores, juniors, and seniors, reinforces units covered in Speech I and introduces entertaining and impromptu speeches, the interview, and special occasion presentations. Major units of persuasive communication are the use of emotional appeals, critical thinking, and the Monroe Motivated Sequence. The analysis and evaluation of a variety of resource materials is emphasized. The structure, leadership, roles, and types of group discussion are analyzed; a formal panel discussion is presented. Also covered are units in oral interpretation, humorous and dramatic readings, and radio speaking.

- **EN 2410 FILM AS LITERATURE** – Semester, 0.5 credit, elective – Grade 12 – **Prerequisite: successful completion (C or better average) of English 11 or 11A or teacher approval.**

The core of the class consists of representative movies of the silent era and each decade since the invention of talkies. Approaching film as visual literature, students will analyze characters, setting, plot, conflict, resolution, and historical context as they would written literature. They will study film as both reflecting and influencing American culture by analyzing, interpreting, and applying their themes. The written and verbal presentations of movie reviews, character and theme analyses, and tests will be the assessment tools. Individual and group projects will also be required. **This course is a dual-credit class with Lincoln Land Community College. Students will earn 3 college credit hours by completing this course.**

- **EN 2111 JOURNALISM I** - Year, 1 credit, elective - Grades 9, 10, 11, 12 - **Prerequisite: teacher approval.**

Journalism I is a year-long course designed to provide students with a solid foundation in journalistic writing skills. The primary objective of the class is to develop the student's writing skills through assignments related to the publication of the school newspaper and the school yearbook. Students will also receive instruction in desktop publishing. The class will meet daily, have a textbook, and have tests. Responsibilities will include required time outside of the classroom.

- **EN 3211 JOURNALISM II** - Year, 1 credit, elective - Grades 10, 11, 12 - **Prerequisite: successful completion of Journalism I and teacher approval.**

Journalism II is a year-long course designed to expand the student's competency in journalism and widen their knowledge of journalism as a profession. Students in the class will serve in editorial positions on the school newspaper and/or the school yearbook and continue to compete in IHSA-sanctioned competitions and attend journalism workshops. Students will also study the history of journalism and complete two major projects: a research paper on a professional journalist and a job-shadowing experience. Responsibilities will include required time outside of the classroom.

- **EN 3311 JOURNALISM III** - Year, 1 credit, elective –Grades 11, 12 -**Prerequisite: successful completion of Journalism II and permission of the teacher.**

Journalism III is a year-long course designed to expand the student's competency in journalism and widen their knowledge of journalism as a profession. Students in the class will serve in editorial positions on the school newspaper and/or the school yearbook and continue to compete in IHSA-sanctioned competitions and attend journalism workshops.

Students will also study the history of journalism and complete two major projects: a research paper on a professional journalist and a job-shadowing experience. Responsibilities will include required time outside of the classroom..

- **EN 3411 JOURNALISM IV** - Year, 1 credit, elective - Grade 12 - **Prerequisite: successful completion of Journalism III and teacher approval.**

Journalism IV is a year-long course designed to enhance the students' journalism skills and to broaden their awareness of journalism law and ethics. Students in the class will serve as editors of the newspaper and/or yearbook, compete in IHSA-sanctioned competitions, and attend journalism workshops. In addition, they will study areas of journalism ethics and law, including student press law, defamation, invasion of privacy, copyright, privilege and Freedom of Information. Responsibilities will include required time outside of the classroom.

FAMILY AND CONSUMER SCIENCES DEPARTMENT

Graduation requirements in Family & Consumer Sciences: Elective credit

A sequence of specific courses should be planned based upon the student's background and ability in Family & Consumer Sciences, as well as his/her proposed career field. The following sequences of Family & Consumer Sciences are recommended:

	Freshmen	Sophomore	Junior	Senior
Practical Career		-Child Care Occupations -Foods & Nutrition I	-Child Care Occupations -Foods & Nutrition I	-Parenting & Child Development -Foods & Nutrition II -Clothing & Textiles -Housing & Home Furnishings
2-Year Technical		-Child Care Occupations -Foods & Nutrition I -Clothing & Textiles	-Child Care Occupations -Parenting & Child Development -Foods & Nutrition I & II -Clothing & Textiles -Housing & Home Furnishings	-Child Care Occupations -Parenting & Child Development -Foods & Nutrition I & II -Clothing & Textiles -Housing & Home Furnishings
2-4 Year College Bound		-Child Care Occupations -Foods & Nutrition I -Clothing & Textiles	-Child Care Occupations -Parenting & Child Development -Foods & Nutrition I & II -Clothing & Textiles -Housing & Home Furnishings	-Child Care Occupations -Parenting & Child Development -Foods & Nutrition I & II -Clothing & Textiles -Housing & Home Furnishings

Accelerated 4-Year College Bound		-Foods & Nutrition I -Clothing & Textiles	-Parenting & Child Development -Foods & Nutrition I & II -Clothing & Textiles -Housing & Home Furnishings	-Parenting & Child Development -Foods & Nutrition I & II -Clothing & Textiles -Housing & Home Furnishings
Possible careers in this field:	Chef Nutritionist Dietician Fashion Designer Teacher Interior Designer Early Childhood Social Worker Kitchen Supervisor Hotel Manager			

All Family and Consumer Sciences Courses Are Electives

- FC 2200 FOODS & NUTRITION I** - Semester, 0.5 credit, elective - Grades 10, 11, 12 - **No prerequisite.**
 This course includes the study of basic nutrition concepts, health and safety in working with food, preparing and serving foods, use of resources in working with food, and career information in foods and nutrition.
- FC 2300 FOODS & NUTRITION II** - Semester, 0.5 credit, elective - Grades 11, 12 - **Prerequisite of C or higher in Foods & Nutrition.**
 This one-semester course features greater integration of technology into the foods classroom with special emphasis in the areas of recipe development, international cuisine, food styling, food advertising and marketing, specialty foods, catering, and the role of food historically.
- FC 2240 CHILD CARE OCCUPATIONS** - Semester, 0.5 credit, elective - Grades 10, 11, 12 - **No prerequisite.**
 This course provides students with information and practical experiences needed for the development of competencies related to child care, day care, and other education services occupations. Laboratory experiences are included throughout the class. Students meet standards in developing programs and assisting with children's activities. Classroom study includes the philosophy and management of care centers and the state and local regulations governing care-giving operations. Students will be trained and receive their certification for the Early Childhood Education Level 1 Certification enabling them to work in a daycare setting.
- FC 2220 CLOTHING & TEXTILES** - Semester, 0.5 credit, elective - Grades 10, 11, 12 - **No prerequisite. This class requires purchase of numerous supplies for projects.**
 Students will be provided opportunities to develop knowledge and understanding of textiles, fashions, and fabrics. They will develop competencies in choosing, caring for, and constructing clothing and textile products, and be made aware of careers related to textiles and fabrics.
- FC 2330 PARENTING & CHILD DEVELOPMENT** - Semester, 0.5 credit, elective - Grades 11, 12 - **No prerequisite.**
 This course addresses the knowledge, skills, attitudes, and behaviors associated with supporting and promoting optimal growth and development of infants and children. The focus is on research-based nurturing and parenting practices and skills, including brain development research, that support positive development of children. Students will explore opportunities in human services and education-related careers and develop a career portfolio.

- **FC 2320 HOUSING AND HOME FURNISHINGS** - Semester, 0.5 credit, elective - Grades 11, 12 or instructor approval – **No prerequisite. This class requires purchase of project supplies.**

This course studies furnishings and housing from antiquity to the present. Functional and aesthetic aspects of the interior environment including color use, elements and principles of design, furniture arrangement, window treatment, and accessory use are covered. Learning through hands on decorating, designing and creating projects for personal living spaces will also be included in the curriculum. Principles and practices of interior design will be used in projects.

FOREIGN LANGUAGE DEPARTMENT

Graduation requirements in Foreign Language: 2 credits (one year) of Fine Arts or Vocational Education

Many colleges are recommending two years of Fine Arts for freshmen admission requirements. A sequence of specific courses should be planned based upon the student's background and ability in Fine Arts as well as his/her proposed career field. The following sequences of Foreign Language are recommended:

	Freshmen	Sophomore	Junior	Senior
Practical Career				
2-Year Technical		-Spanish I -French I	-Spanish II -French II	-Spanish III -French III
2-4 Year College Bound	-Spanish I -French I	-Spanish II -French II	-Spanish III -French III	-Spanish IV -French IV
Accelerated 4-Year College Bound	-Spanish I -French I	-Spanish II -French II	-Spanish III -French III	-Spanish IV -French IV
Possible careers in this field:	Interpreter Human Resources Financial Analyst Travel Agent Reporter Sales Representative			

All Foreign Language Courses Are Electives

- **FL 2101 SPANISH I** - Year, 1 credit, elective - Grades 9, 10, 11, 12 - **Prerequisite: C average in regular English class or teacher recommendation.**

Spanish I is conducted in both Spanish and English. In this beginning level course, students learn a great number of vocabulary terms, and the basic grammatical concepts that they need to begin to communicate effectively in Spanish. Students will also read 4 short novels in Spanish, written expressly for students just beginning to learn the language. They will also complete a cultural project.

- **FL 2201 SPANISH II** - Year, 1 credit, elective - Grades 10, 11, 12 - **Prerequisite: Successful completion of Spanish I.**

Spanish II is conducted in both Spanish and English. Spanish is primarily used, but students will learn the English translations of new vocabulary and English will also often be used when learning grammatical concepts. In Spanish II the vocabulary and grammar from Spanish I will be reviewed, and then students will go on to learn how to speak in preterit and imperfect tenses using new vocabulary (the preterit and imperfect are both past tenses). Students will also learn about some new grammatical concepts such as demonstrative adjectives and pronouns (this, these, that, & those) and possessive pronouns (mine, yours, his...). Students will also read 5 short novels in Spanish, written expressly for students in the second level of learning the language, and complete a cultural project.

- **FL 3301 SPANISH III** - Year, 1 credit, elective - Grades 11, 12 - **Prerequisite: Successful completion of Spanish II.**

Spanish III is primarily conducted in Spanish. Students of Spanish III spend time refining their ability to listen, speak, read, and write in the language. By the end of the year all verb tenses and grammatical concepts have been introduced and basic vocabulary has been greatly expanded. Students will also read 2 short novels in Spanish, written expressly for students in the third level of learning the language; complete a cultural project; and begin watching, discussing, and doing assignments base on an authentic *telenovela* (soap-opera style show that takes place at a boarding school in Spain).

- **FL 3401 SPANISH IV** - Year, 1 credit, elective - Grades 12 - **Prerequisite: Successful completion of Spanish III.**

Spanish IV is conducted almost entirely in Spanish. Grammar and Vocabulary are reviewed and refined, but the primary content of the class is culture. Throughout the year students will learn about different cultures within the Spanish-speaking world by learning about their histories, their people, their arts, their literature, and their current events. Students will learn about these topics through various readings, written assignments, research, projects, presentations, videos, and physical activities. When possible, speakers are brought in to talk about specific cultures, and culturally-relevant field trips are taken. The *telenovela* that was begun in Spanish III will also be continued.

- **FL 2111 FRENCH I** - Year, 1 credit, elective - Grades 9, 10, 11, 12 - **Prerequisite: C average in regular English or teacher recommendation.**

Students will learn to read, write, speak and understand French as well as become familiar with many aspects of French culture, the country's rich history and its impact on the development of our country. Students will be introduced to the vocabulary and basic grammatical structures of the French language, and begin to compose and express themselves in a language which has become the "lingua franca" or common tongue of the world of diplomacy and clear and exact expression. Music, both traditional and popular, will also play a significant role. Movies may be shown as enrichment.

- **FL 2211 FRENCH II** - Year, 1 credit, elective - Grades 10, 11, 12 - **Prerequisite: Successful completion of French I.**

Students will continue to learn to read, write, speak and understand French as well as continue their exposure to French culture and its contribution to the world of fine arts and personal expression. Students will make use of the grammatical structures and vocabulary from French 1, and expand on their skill in verbal and written expression. Literary study of fine works from the expansive world of noted French authors and poets will expand not only their vocabulary but also their appreciation for the impact of such writers on our thoughts and values. Music and movie enrichment will continue to play a large role.

- **FL 3311 FRENCH III** - Year, 1 credit, elective – Grades 11, 12 - **Prerequisite: Successful completion of French II.**

French 3 is an elective course designed for college-bound students. Students will spend time refining their communications skills in the four basic areas. The imparfait, passé compose, future, plusque parfait and conditional tenses will be emphasized with the focus on mastery. Other tenses will be introduced and explored. Upper level TPRS will be utilized. Rosetta Stone curriculum for level 3 and 4 will be covered in its entirety. Students will cover 3 to 4 short novels,

and two films. They will read news articles captured from original sources, and learn songs from popular culture. One project of French influence in the world will be covered.

- **FL 3411 FRENCH IV** - Year, 1 credit, elective - Grade 12 - **Prerequisite: Successful completion of French III.**

French 4 is an elective course designed for college-bound students. Students will spend time polishing communication skills. They will study French history and culture. They will exercise communication skills through use of upper level TPRS. They will learn compound tenses with emphasis on mastery. They will read selected articles from French newspapers, selected magazines, and texts. They will see 4 to 5 films in the language based on French historical happenings, such as Joan of Arc and Marie Antoinette. They will study Antoine de St. Exupéry's timeless classic, Le Petit Prince, and they will be required to produce a senior project. As well, they will finish the level 5 Rosetta Stone curriculum.

INDUSTRIAL TECHNOLOGY DEPARTMENT

Graduation requirements in Industrial Technology: 1 credit (one year) of Fine Arts or Vocational Education

A sequence of specific courses should be planned based upon the student's background and ability in Industrial Technology, as well as his/her proposed career field. The following sequences of Industrial Technology are recommended:

	Freshmen	Sophomore	Junior	Senior
Practical Career	-Industry Concepts I -Drafting	-Industry Concepts II -Drafting -C.A.D. -3D Modeling -Building Trades	-3D Modeling -Building Trades	-3D Modeling -Building Trades
2-Year Technical	-Industry Concepts I -Drafting	-Industry Concepts II -Drafting -C.A.D. -3D Modeling -Building Trades	-3D Modeling -Building Trades	-3D Modeling -Building Trades
2-4 Year College Bound	-Industry Concepts I -Drafting	-Industry Concepts II -Drafting -C.A.D. -3D Modeling -Building Trades -Intro to Engineering Design	-3D Modeling -Building Trades	-3D Modeling -Building Trades
Accelerated 4-Year College Bound	-Industry Concepts I -Drafting	-Industry Concepts II -Drafting -C.A.D. -3D Modeling -Building Trades -Intro to Engineering Design	-3D Modeling -Building Trades	-3D Modeling -Building Trades
Possible careers in this field:	Carpenter Construction Laborer	Interior Designer Land Surveyor Landscape Architect		

	Drafter Electrician HVAC Plumber Architect Civil Engineer	Real Estate Agent Solar Energy Tech Home Inspector Construction Manager		
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All Industrial Technology Courses Are Elective

- **IT 2100 DRAFTING** - Semester, 0.5 credit, elective - Grades 9, 10, 11, 12 - **No prerequisite.**

This is a semester course designed to give the student an introduction to drafting. Basic drafting skills and applications will be stressed. Students successfully completing this course and wanting further drafting skills may wish to consider enrolling in the C.A.D. class.
- **IT 2111 Industry Concepts I** - Year, 1 credit, elective – Grades 9, 10, 11, 12 – **No Prerequisite**

This course is designed to introduce students to the Carpentry/Carpenter occupation. Students are instructed in areas of safety, including hand tools, power tools, Students demonstrate knowledge of blueprint reading, including foundations, floor plans, specification schedules, and electrical, plumbing and mechanical symbols. Students demonstrate entry-level skills in all facets of residential construction. Students create project estimations, along with bill of material documents. Students participate in many small wood projects to develop the basic skills required for a career in construction
- **IT 2210 Industry Concepts II** - Year, 1 credit, elective - Grades 10, 11, 12 - **Prerequisite Industry Concepts I**

Woodworking courses introduce students to the various kinds of woods used in industry and offer experience in using selected woodworking tools. Students design and construct one or more projects and may prepare a bill of materials. Correct and safe use of tools and equipment is emphasized. As students advance, they focus on learning the terminology necessary to use power tools successfully, developing skills to safely use these tools in the workshop and becoming familiar with various kinds of wood-finishing materials. Advanced students typically design a project, prepare bills of materials, construct, and finish proposed projects.
- **IT 2301 C.A.D. (Computer Aided Drafting)** - Semester, 0.5 credit, elective - Grades 10, 11, 12 **Prerequisite: Successful completion of drafting**

This course is designed to utilize the use and application of drafting skills and techniques in the area of architectural and engineering drafting. These skills and techniques are presented with a wide degree of problems by the end of the semester. The entire course is taught on the computer using the latest version of Autocad and Sketchup software.
- **IT2411 BUILDING TRADES I** - Year, 3 credits, elective - Grades 10, 11, 12 – **Prerequisite Industry Concepts I or Basic Ag Mechanics I**

This two-year program provides the students with related knowledge and develops skills needed in the construction trades, so as to aid in the initial placement of trained students into profitable employment. The program covers all phases of residential construction, including electrical wiring, masonry, plumbing, dry wall, cement finishing and carpentry. The Building Trades students are involved with on-the-job related work experience by building and/or remodeling homes. This course is scheduled for a minimum of 3 consecutive periods per day.
- **IT2412 BUILDING TRADES II** - Year, 3 credits, elective - Grades 11, 12 – **Prerequisite Building Trades I**

This two-year program provides the students with related knowledge and develops skills needed in the construction trades, so as to aid in the initial placement of trained students into profitable employment. The program covers all phases of residential construction, including electrical wiring, masonry, plumbing, dry wall, cement finishing and carpentry. The Building Trades students are involved with on-the-job related work experience by building and/or remodeling homes. This course is scheduled for a minimum of 3 consecutive periods per day.
- **IT2413 BUILDING TRADES III** - Year, 3 credits, elective - Grades 12 - **Prerequisite Building Trades II**

This two-year program provides the students with related nd develops skills needed in the construction trades, so as

to aid in the initial placement of trained students into profitable employment. The program covers all phases of residential construction, including electrical wiring, masonry, plumbing, dry wall, cement finishing and carpentry. The Building Trades students are involved with on-the-job related work experience by building and/or remodeling homes. This course is scheduled for a minimum of 3 consecutive periods per day.

- **IT 2200 3D MODELING** - Semester, 0.5 credit, elective - Grades 10, 11, & 12 - **Prerequisite: Successful completion of C.A.D. (Computer Aided Drafting)**

This course gives students the opportunity to understand and design three-dimensional modeling as it applies to architecture, engineering, visual design and other similar career paths. The entire course is taught through the use of computers and the needed software to give students the ability to incorporate new skills in real life applications with three-dimensional printers.

MATH DEPARTMENT

Graduation requirements in math: 3 credits (three years)

Most colleges require three years and some recommend 4 years of a math for freshmen admission requirements. A sequence of specific courses should be planned based upon the student's background and ability in math as well as his/her proposed career field. The following sequences of math are recommended:

	Freshmen	Sophomore	Junior	Senior
Practical Career	-Practical Pre-Algebra	-Practical Algebra	-Practical Geometry	-Practical Consumer Math
2-Year Technical or College Bound	-Integrated Algebra & Geometry 1	-Integrated Algebra & Geometry 2	-Integrated Algebra & Geometry 3	-Algebra II
2-4 Year College Bound	-Algebra I	-Plane Geometry	-Algebra II	-College Algebra -FSQ -Transitional Math
Accelerated 4-Year College Bound	-Geometry 9	-Algebra II (10)	-FSQ -College Algebra	-Honors Calculus -Calculus -FSQ -Transitional Math
Possible careers in this field:	Actuary College Professor Teacher Data Scientist Mathematician Operations Research Analyst Statistician			

Three Years of Math (equivalent of Algebra I with Geometry content) are required for graduation.

ALL FRESHMEN STUDENTS MUST SUCCESSFULLY COMPLETE SIX SEMESTERS OF MATH. EACH STUDENT WILL ENROLL IN ONE OF THE FOLLOWING COURSES AS DETERMINED BY HIS/HER INDIVIDUAL NEEDS.

- **MA 1121 PRE-ALGEBRA** – Year, 1 credit, - Grade 9, 10, 11, 12 – **Prerequisite: Special Education Eligibility.**
This course is designed to strengthen basic math skills. Basic operational skills, problem-solving and critical thinking skills are addressed in every unit. Basic operations with fractions, decimals, percents, ratios and proportions, graphs, measurements, and basic algebra are the key units. **TO TAKE THIS COURSE, A STUDENT MUST BE ELIGIBLE FOR SPECIAL EDUCATION SERVICES AND HAVE A CURRENT INDIVIDUALIZED EDUCATIONAL PLAN.**
- **MA 1211 INTRO TO ALGEBRA** – Year, 1 credit, - Grade 10, 11, 12 – **Prerequisite: Special Education Eligibility.**
This course builds upon skills mastered in Practical Math 9. It is designed to further strengthen basic math skills. Basic operational skills, problem-solving and critical thinking skills are addressed in every unit. Basic operational skills, fractions, decimals, percents, ratios and proportions, measurements, and basic geometry are the key units. **TO TAKE THIS COURSE, A STUDENT MUST BE ELIGIBLE FOR SPECIAL EDUCATION SERVICES AND HAVE A CURRENT INDIVIDUALIZED EDUCATIONAL PLAN.**
- **MA 1301 INTRO TO GEOMETRY** – Year, 1 credit, - Grade 11, 12 – **Prerequisite: Special Education Eligibility.**
This course builds upon skills mastered in Practical Math 10. It is designed to further strengthen basic math skills. Basic operational skills, problem-solving and critical thinking skills are addressed in every unit. Basic operational skills, fractions, decimals, percents, ratios and proportions, measurements, and basic geometry are the key units. **TO TAKE THIS COURSE, A STUDENT MUST BE ELIGIBLE FOR SPECIAL EDUCATION SERVICES AND HAVE A CURRENT INDIVIDUALIZED EDUCATIONAL PLAN.**
- **MA 1411 CONSUMER MATH** – Year, 1 credit, - Grade 12 – **Prerequisite: Special Education Eligibility.**
This course is designed to apply basic math skills to real life topics. Students will be required to add, subtract, divide, and multiply whole numbers, fractions, and decimals. Buying food, working with food, traveling, shopping for clothes and math in sports are the key units. **TO TAKE THIS COURSE, A STUDENT MUST BE ELIGIBLE FOR SPECIAL EDUCATION SERVICES AND HAVE A CURRENT INDIVIDUALIZED EDUCATIONAL PLAN.**
- **MA 1111 INTEGRATED ALGEBRA & GEOMETRY 1** - Year, 1 credit - Grades 9 - **No prerequisite.**
This course introduces expressions, equations, integers, rational numbers and inequalities along with some basic geometric concepts. As an added note, NCAA typically does not recognize this course as college prep. Student athletes who are intent on playing at the college level will have to check with the NCAA Eligibility Center to verify that this course is approved.
- **MA 2131 INTEGRATED ALGEBRA & GEOMETRY 2** – Year, 1 credit – Grade 10 – **Prerequisite: Successful completion of Integrated Algebra & Geometry 1.**
This course includes topics such as probability, equations and functions along with some right triangle geometry and three dimensional geometry. As an added note, NCAA typically does not recognize this course as college prep. Student athletes who are intent on playing at the college level will have to check with the NCAA Eligibility Center to verify that this course is approved.
- **MA 2241 INTEGRATED ALGEBRA & GEOMETRY 3**– Year, 1 credit – Grade 11 – **Prerequisite: Successful completion of Integrated Algebra & Geometry 2.**
This course includes some more advanced algebra topics such as polynomials, quadratic equations, rational expressions, and radicals. Also included are probability and statistics, circles, trigonometry and some advanced functions and relations. As an added note, NCAA typically does not recognize this course as college prep. Student athletes who are intent on playing at the college level will have to check with the NCAA Eligibility Center to verify that this course is approved.
- **MA 2121 ALGEBRA I** - Year, 1 credit- Grades 9 - **Prerequisite: Successful completion of Pre-Algebra during 8th grade with an A, B or C average for the year.**

Algebra I provides a formal development of the algebraic skills and concepts necessary for students to succeed in advanced courses. In particular, the instructional program in this course provides for the use of algebraic skills in a wide range of problem-solving situations. The concept of function is emphasized throughout the course. Topics include: (1) operations with real numbers, (2) linear equations and inequalities, (3) relations and functions, (4) polynomials, (5) algebraic fractions, and (6) nonlinear equations.

- **MA 2231 PLANE GEOMETRY** - Year, 1 credit - Grades 10, 11, 12 - **Prerequisite: Successful completion of Algebra I.**

During the first semester of this course, students learn theorems about planes, lines and triangles. Second semester problems involve applications of these theorems and new theorems about similarity, right triangles, circles, area and volume. This course can be taken concurrently with Algebra II if permission is granted by the department chairperson.

- **MA 3101 GEOMETRY 9** - Year, 1 credit - Grade 9 - **Prerequisite: Successful completion of Algebra I during the 8th grade with an A or B average for the year.**

This course has the same content as Plane Geometry. However, the problems are more difficult and the pace is accelerated. It is required that students taking this course have received an A or B yearly average in Algebra I during 8th grade.

- **MA 2301 ALGEBRA II** - Year, 1 credit - Grades 11, 12 - **Prerequisite: Successful completion of Plane Geometry or Integrated Alg & Geom 3.**

Algebra II is a course that extends the content of Algebra I and provides further development of the concept of a function. Topics include: relations, functions, equations and inequalities; conic sections; polynomials; algebraic fractions; logarithmic and exponential functions; and counting principles and probability. This course may be taken concurrently with Plane Geometry if permission is granted by the department chairperson.

- **MA 3201 ALGEBRA II-10** - Year, 1 credit - Grade 10 - **Prerequisite: Successful completion of Geometry 9 with at least a C average for the year.**

This course has the same content as Algebra II. However, the problems are more difficult and the pace is accelerated.

- **MA 2311 FINANCE, STATISTICS, AND QUANTITIES (FSQ)** - Year, 1 credit, elective - Grades 11, 12 - **Successful completion of Algebra II. This course would fulfill Consumer Education credit.**

This course covers Numeracy - Operation sense, estimation, measurement, quantitative reasoning; Algebra - Operations on expressions and functions, construction and solving of equations; Functions and Modeling - Characteristics of functions including graphical analysis, modeling with geometry, modeling with linear and nonlinear function. Additionally, the course will expose students to the applications of systems of equations and inequalities, proportional reasoning. As part of this course, students will be required to complete two full days of job shadowing. One completed in the fall semester and one completed in the spring semester. These will not be counted as college visit days or counted in their 4 days of non-medical absences they are allowed each semester; absences will be counted as school related. These job shadow days will follow the same process as a college visit day and require advanced planning. The requirements will be given within the first week of class.

- **MA 2401 TRANSITIONAL MATH** - Year, 1 credit - Grade 12- **Prerequisite: Successful completion of Algebra II.**

This class is designed for students with career goals that require advanced algebraic skills. Successful completion of the course (grade of C or better) guarantees student placement into College Algebra or its equivalent at any Illinois community college and select universities. The main emphasis of the course is the understanding of functions (linear, polynomial, rational, radical, and exponential) and how they naturally arise through problem solving and authentic modeling situations. Essential algebraic topics include simplifying expressions, solving equations and graphing functions which will be explored deeply, allowing students to address any deficits. **All students will be required to take semester finals in this course, even if they have exemptions for other finals. This is due to the connection to college placement in any Illinois community college and select universities.**

- **MA 3401 COLLEGE ALGEBRA (dual credit with LLCC)** - Year, 1 credit - Grade 11 or 12 - **Prerequisite: Successful completion of Algebra II with at least a C average for the year..**

This course begins with a detailed review of algebra, covering exponents, fractional expressions, graphing and polynomial functions. It studies the definitions of the trigonometric functions and their graphs. These chapters also include trig identities and the Law of Sines and Cosines. Logarithms exponential functions are also introduced. A graphing calculator can be used but all problems on tests can be done without one. Recommended calculator: TI 84 model. **Students may have the opportunity of dual enrollment at Lincoln Land Community College, which can earn them 3 hours of transfer-level MAT 113 credit. Contact the school counselors for details.**

- **MA 3411 CALCULUS** - Year, 1 credit - Grade 12 - **Prerequisite: Successful completion of College Algebra**

This course consists of the basic introductory concepts of differential and integral calculus. Topics include techniques of differentiation, applications of the derivative, techniques of integration and applications of the integral. This course is not as inclusive as Honors Calculus and does not have the option for dual credit

- **MA 4401 HONORS CALCULUS** - Year, 1 credit - Grade 12 - **Prerequisite: Successful completion of PreCalculus, minimum score of 24 on math portion of ACT OR minimum score of 560 on the math portion of the SAT OR permission from the Department Chair.**

This course consists of the basic introductory concepts of differential and integral calculus. Topics include techniques of differentiation, applications of the derivative, techniques of integration and applications of the integral. **Students may have the opportunity of dual enrollment at Lincoln Land Community College, which can earn them 3 hours of transfer-level MAT 131 credit. Contact the school counselors for details.**

- **ST 3340 AP COMPUTER SCIENCE PRINCIPLES**-Year, 1 credit - Grade 10, 11, 12 - **Prerequisite: C+ or better in Integrated Algebra & Geometry 3 or Geometry. Students are strongly recommended to have completed Introduction to Microsoft Office, Computer Concepts, or Web Design I OR have significant computing experience.**

Computer Science Principles introduces students to the foundational concepts of computer science and challenges them to explore how computing and technology can impact the world. More than a traditional introduction to programming, it is a rigorous, engaging, and approachable course that explores many of the foundational ideas of computing so all students understand how these concepts are transforming the world we live in.

AP Computer Science Principles is aligned to the AP Curriculum Framework standards and the AP CS Principles assessment. All students are strongly encouraged to take the Advanced Placement for college credit at the end of the school year. **This course counts as a math credit.**

MUSIC DEPARTMENT

Graduation requirements in Music: 1 credits (one year) of Fine Arts or Vocational Education

Many colleges are recommending two years of Fine Arts for freshmen admission requirements. A sequence of specific courses should be planned based upon the student's background and ability in Fine Arts as well as his/her proposed career field. The following sequences of Music are recommended:

	Freshmen	Sophomore	Junior	Senior
Practical Career	-Band -Mixed Choir -History of Rock-and-Roll -Beginning Band	-Band -Mixed Choir <u>or</u> Concert Choir -History of Rock-and-Roll -Beginning Band	-Band -Mixed Choir <u>or</u> Concert Choir -History of Rock-and-Roll -Beginning Band	-Band -Mixed Choir <u>or</u> Concert Choir -History of Rock-and-Roll -Beginning Band
2-Year Technical	-Band -Mixed Choir -History of Rock-and-Roll -Beginning Band	-Band -Mixed Choir <u>or</u> Concert Choir -History of Rock-and-Roll -Beginning Band	-Band -Mixed Choir <u>or</u> Concert Choir -History of Rock-and-Roll -Beginning Band	-Band -Mixed Choir <u>or</u> Concert Choir -History of Rock-and-Roll -Beginning Band

2-4 Year College Bound	-Band -Mixed Choir -History of Rock-and-Roll	-Band -Mixed Choir or Concert Choir -History of Rock-and-Roll -Music Theory I & II -Audio/Video Applications I	-Band -Mixed Choir or Concert Choir -History of Rock-and-Roll -Music Theory I & II -Audio/Video Application I or II	-Band -Mixed Choir or Concert Choir -History of Rock-and-Roll -Music Theory I & II -Audio/Video Application I or II
Accelerated 4-Year College Bound	-Band -Mixed Choir -History of Rock-and-Roll	-Band -Mixed Choir or Concert Choir -History of Rock-and-Roll -Music Theory I & II -Audio/Video Application I	-Band -Mixed Choir or Concert Choir -History of Rock-and-Roll -Advanced Band -Music Theory I & II -Audio/Video Application I or II	-Band -Mixed Choir or Concert Choir -History of Rock-and-Roll -Advanced Band -Music Theory I & II -Audio/Video Application I or II
Possible careers in this field:	Musician Composer Teacher Production Manager Audio/Video Tech Sound Tech			

Students enrolled in Band, Jazz Band, Concert Choir, or Mixed Choir earn 0.5 credit/semester. This credit will be counted toward graduation credits and will be figured in a student's GPA.

- **MU 2100 BEGINNING BAND** - Year, 1 credit, elective - Grades 9, 10, 11, 12 - **No Prerequisite**

This course gives high school students a comprehensive introduction to wind and percussion instruments. The curriculum aims to cultivate ensemble skills and foster a disciplined approach to musical expression. The course emphasizes fundamental techniques and proficiency in music notation. You do not need prior musical experience to participate.

- **MU 2101 BAND** - Year, 1 credit, elective - Grades 9, 10, 11, 12 - **Prerequisite - Participation in 8th Grade Band or teacher approval**

During the first quarter of the year, the band functions as a marching band and participates in parades, football games, assemblies and other activities surrounding the marching band season. The remainder of the year, the band functions as a concert band or bands (depending upon enrollment). Concert band performance responsibilities include Christmas assembly, Mid-Winter Concert, IHSA Organizational Contest, Music Festival, and graduation. Other ensembles such as Pit Orchestra (Musical), and Madrigal Brass are strictly extra-curricular. Attendance at summer marching band campus mandatory.

- **MU 2111 JAZZ BAND** – Year, 1 credit, elective – Grade 9, 10, 11, 12 – **Prerequisite: Audition in Spring of previous year.**

Students in Jazz Band will perform at various school and community events, including select home basketball games, Evening of Jazz and Percussion, IHSA Organizational Music Contest and Music Festival. Students will also be expected to participate in jazz combos, complete written assignments and projects pertaining to Jazz, Jazz artists and history. An emphasis will also be placed on soloing.

- **MU 2131 CHOIR** Year, 1 credit, elective – Grades 9, 10, 11, 12 – **No Prerequisite.**

This course is open to any student in grades 9-12 who is interested in singing. No audition is necessary. Instruction will be given in basic vocal skills and techniques, ensemble singing in 3 and/or 4 mixed voice parts, and developing each student's singing ability. Mixed Choir members will be required to participate in all scheduled concert performances including the Fall Concert, Christmas Vespers, Area Choral Festival, Music Festival and Baccalaureate. Mixed Choir students will have the opportunity to audition for Concert choir during the spring semester for possible membership the next fall.

- **MU 2201 CONCERT CHOIR** - Year, 1 credit, elective – Grades 9, 10, 11, 12 – **Prerequisite: Audition and/or teacher approval.**

This course is available through audition only to any student in grades 9-12 who is interested in singing in a top quality choral ensemble. Instruction will be given in advanced vocal skills and techniques, ensemble singing in 4 to 8 mixed voice parts, and further developing each student's singing ability. Concert Choir members will be required to participate in all scheduled concert performances including the Fall Concert, Christmas Vespers, Area Choral Festival, IHSA Organizational Contest, Music Festival and Baccalaureate, with the possibility of additional performances or clinics at the director's discretion.

- **MU 2100 MUSIC THEORY I** - Semester, 0.5 credit, elective - Grades 10, 11, 12 - **Prerequisite: Previous music ensemble or piano experience recommended.**

Music Theory I covers basic music theory concepts, such as writing major and minor scales, writing and naming intervals and triads, correct use of key and time signatures, reading clefs and ear training. Grade is based on tests, quizzes and assignments.

- **MU 3100 MUSIC THEORY II** - Semester, 0.5 credit, elective - Grades 10, 11, 12 - **Prerequisite: successful completion of Music Theory I.**

Music Theory II covers more advanced music theory topics such as naming and writing extended sonorities, inversions, transposing, chord voicing, and basic arranging. Other topics covered are music history and music listening. Grading is based on tests, quizzes and assignments as well as reports and a final project.

- **MU 2211 AUDIO/VIDEO APPLICATIONS I** - Year, 1 credit - elective - Grades 10, 11 - **No Prerequisite.**

Audio/Video Applications I is designed to provide students with the skills needed for a career in the technical aspects of radio and television broadcasting. Instruction includes camera operations, basic audio and video editing, sound and lighting techniques, and sound mixing. Students learn the operation and maintenance of video and DVD recording equipment, video/digital cameras, microphones, computers, lighting/grip equipment, and other production equipment used in the video and audio production of television programs. Students also learn to use and maintain various types of audio recorders, amplifiers, transmitters, receivers, microphones, and sound mixers to record and broadcast radio programs.

- **MU 2301 AUDIO/VIDEO APPLICATIONS II** - Year, 1 credit - elective - Grades 11, 12 - **Prerequisite: successful completion of Audio/Video Applications I.**

Audio/Video Applications II is for students who have completed Audio/Video Production I. In addition to expanding on the activities explored in the first course, students work in a team-based environment to create a variety of video and audio related broadcasts. Instruction includes single and multi camera operations, linear and nonlinear video editing, production and post-production processes, sound mixing, multi-track production, audio editing, and special effects. Students learn how to use digital editing equipment and software to electronically cut and paste video and sound segments together as well as how to regulate and monitor signal strength, volume, sound quality, brightness, and clarity of outgoing signals. This course also provides students with an understanding of the FCC and other governmental agencies regulations related to radio and television broadcasting.

- **MU 2120 HISTORY OF ROCK-AND-ROLL** - Semester - 0.5 credit - elective - grades 9, 10, 11, 12
No Prerequisite.

This course will provide an overview of the genre of music known as Rock-N-Roll from its birth to contemporary Rock Music. Lessons, projects and assessments will come from teachrock.org. Students will utilize lecture, video and audio information to gather information. Assessments will be in the form of written tests, projects/presentations, listening tests and research papers.

- **MU 3301 ADVANCED BAND** - Year, 1 credit, elective - Grades 11, 12 - **Prerequisite - meet course criteria and permission of teacher.**

This section of band is for Junior and Senior level students only who have shown exceptional mastery in instrumental music and plan to continue their music education post-high school. In addition to all band requirements, they will complete an expanded curriculum.

PHYSICAL EDUCATION/HEALTH & DRIVER EDUCATION **DEPARTMENT**

Graduation requirements in Physical Education/Health: 8 semesters (4 years)

Driver Education: 1 quarter

A sequence of specific courses should be planned based upon the student's background and ability in Physical Education/Health as well as his/her proposed career field. The following sequences of Physical Education/Health are recommended:

	Freshmen	Sophomore	Junior	Senior
Practical Career	-Adaptive PE Or Physical Education/Health Or Athletic Enhancement/Health -Driver Education -Behind the Wheel	-Adaptive PE Or Physical Education/Health Or Athletic Enhancement/Health -Driver Education -Behind the Wheel	-Adaptive PE Or Physical Education/Health Or Athletic Enhancement/Health	-Adaptive PE Or Physical Education/Health Or Athletic Enhancement/Health
2-Year Technical	-Physical Education/Health Or Athletic Enhancement/Health	-Physical Education/Health Or Athletic Enhancement/Health	-Physical Education/Health Or Athletic Enhancement/Health	-Physical Education/Health Or Athletic Enhancement/Health

	-Driver Education -Behind the Wheel	-Driver Education -Behind the Wheel		
2-4 Year College Bound	-Physical Education/Health Or Athletic Enhancement/Health -Driver Education -Behind the Wheel	-Physical Education/Health Or Athletic Enhancement/Health -Driver Education -Behind the Wheel	-Physical Education/Health Or Athletic Enhancement/Health	-Physical Education/Health Or Athletic Enhancement/Health
Accelerated 4-Year College Bound	-Physical Education/Health Or Athletic Enhancement/Health -Driver Education -Behind the Wheel	-Physical Education/Health Or Athletic Enhancement/Health -Driver Education -Behind the Wheel	-Physical Education/Health Or Athletic Enhancement/Health	-Physical Education/Health Or Athletic Enhancement/Health
Possible careers in this field:	Personal Trainer Exercise Physiology Teacher Sports Coach			

ALL STUDENTS MUST ENROLL IN AND PARTICIPATE IN FOUR YEARS OF PHYSICAL EDUCATION FOR GRADUATION.

Exceptions are as follows:

- Students who object on religious grounds (letter from minister is required to be held on file prior to the first day of school or upon enrollment).
 - Students who are physically incapable of participating (a doctor's excuse is required to be held on file).
 - Students who cannot graduate on time or cannot schedule a course required for admission to a college or university may apply for a waiver.
 - Enrollment in the Boys' PE/Health, Girls' PE/Health, or Strength Training/Health may be waived in order to meet Special Education IEP requirements.
- **PE 0101 ADAPTIVE PE** – Year, .500 credit/semester, required – Grades 9, 10, 11, 12 - **Prerequisite: Special Education Eligibility** **TO TAKE THIS COURSE, A STUDENT MUST BE ELIGIBLE FOR SPECIAL EDUCATION SERVICES AND HAVE A CURRENT INDIVIDUALIZED EDUCATIONAL PLAN.**
 - **PE 0111, PE 0113 PHYSICAL EDUCATION/HEALTH** - Semester, 0.5 credit/semester, required - Grades 9, 10, 11, 12 – **No prerequisite. (Students may apply PE credits earned towards graduation, but the grades are not used in calculating G.P.A.)**
Physical Education is a learning process that focuses on knowledge, attitudes, and behaviors relative to physical activity. Course will consist of a wide variety of activities in the areas of individual and team sports. Main goals of Physical Education include: 1) to cultivate recreational interests in physical activities, especially lifetime sports; 2) to realize the importance of activity to one's own health and well-being; and 3) to have a positive experience in PE so that students will be encouraged to be active as an adult.
 - **PE 0110, PE 0119 PHYSICAL EDUCATION/HEALTH A** - Semester, 0.5 credit/semester, elective - Grades 10, 11 - **No prerequisite. (Students may apply PE credit earned towards graduation, but the grades are not used in calculating G.P.A. - may be taken in lieu of P.E.)**
This is an advanced physical education class for students interested in achieving their highest level of health-related fitness that will help them excel in their extra-curricular activity. Class activity emphasizes improving health-related fitness through weight training, exercises, and running programs. Athletes are strongly recommended to take this course.
 - **PE 0131, PE 0133 ATHLETIC ENHANCEMENT/HEALTH** - Semester, 0.5 credit/semester, elective - Grades 9, 10, 11, 12 - **No prerequisite. (Students may apply PE credit earned towards graduation, but the grades are not used in calculating G.P.A. - may be taken in lieu of P.E.)**

Athletic Enhancement is designed for ALL THS students, with the serious athlete in mind. Participation in THS extracurriculars is not a prerequisite, but will be encouraged amongst all enrollees. Advanced techniques in strength training, speed enhancement, and flexibility improvement are geared toward maximizing athletic performance. This course is open to all THS grade levels (9-12). The great majority of the programming for the course participants will be geared towards student-athletes and all students applying for entry into this class should expect to maintain high outputs of effort and learning towards advanced kinesiology/physiology, high athletic performance, and physical exertion during the duration of this class.

- **PE 0130, PE 0139 ATHLETIC ENHANCEMENT/HEALTH A** - Semester, 0.5 credit/semester, elective - Grades 10, 11 - **No prerequisite. (Students may apply PE credit earned towards graduation, but the grades are not used in calculating G.P.A. - may be taken in lieu of P.E.)**

Athletic Enhancement is designed for ALL THS students, with the serious athlete in mind. Participation in THS extracurriculars is not a prerequisite, but will be encouraged amongst all enrollees. Advanced techniques in strength training, speed enhancement, and flexibility improvement are geared toward maximizing athletic performance. This course is open to all THS grade levels (9-12). The great majority of the programming for the course participants will be geared towards student-athletes and all students applying for entry into this class should expect to maintain high outputs of effort and learning towards advanced kinesiology/physiology, high athletic performance, and physical exertion during the duration of this class.

- **PE 0145/0146/0147/0148 HEALTH EDUCATION** - Quarter, 0.5 credit, required - Grade 9, 10 - **No prerequisite.**
Topics covered within Health Education courses may vary widely, but typically include personal health (nutrition mental health and stress management, drug/alcohol abuse prevention, disease prevention, and first aid) and consumer health issues. The courses may also include brief studies of environmental health, personal development, and/or community resources.

- **DE 0210/0220/0230/0240 DRIVER EDUCATION CLASSROOM PHASE** - Quarter, 0.00 credit/quarter, required - Grade 9, 10 – **Prerequisite: By Illinois State law, Public Act 188 (PA 88-188), students must have passed at least eight (8) courses in the previous two semesters.**

(If a student intends to secure a driver's license, a fee of \$ 20.00 will be collected from each student and paid directly to the Secretary of State to cover the cost of the student's first driver's permit and first license).

Driver Education is offered to all students in their sophomore year. However, any freshman who is 15 or who will reach the age of 16 by May 15 of his/her freshman year should enroll in Driver Education during the freshman year. All students are required to hold their permit for nine months before getting their license. Driver Education is divided into two phases: 1) the classroom, in which various aspects of driver safety are discussed; 2) behind-the-wheel training, in which each student is given lessons in driving an automobile. (The automobile is furnished by the school.)

The State of Illinois requires students to attend 30 clock hours of the classroom phase of driver education. Students may not miss more than 5 days of class (2 for summer school).

All students must successfully pass the classroom phase in order to graduate from Taylorville High School. This is a state requirement. The second phase is OPTIONAL. However, any student who does not take behind-the-wheel training cannot obtain a driver's license until he/she reaches the age of 18. Therefore, all students usually complete both. State regulations concerning driver's education and youthful drivers frequently change; therefore, students and/or their parents should check with the student's counselor if any questions arise. Students are expected to pass the state's written test, participate in class projects, take classroom notes, and take additional tests and quizzes. Films, video tapes, and guest speakers are other teaching aids that are implemented within the course.

The classroom phase is nine weeks in length. Students are assigned to their classes based on age, with the oldest students taking the classroom phase the first nine weeks, the second oldest the second nine weeks, and so on. HOWEVER, IN SOME CASES, A STUDENT'S COURSE SELECTIONS WILL DETERMINE WHEN THE STUDENT IS ENROLLED, NOT AGE! Students are scheduled individually by the instructor for the behind-the-wheel phase. Again, age plays an important factor, but a student's schedule plays a more important role, and not all students can be driven chronologically by age. Each student will receive a minimum of six hours of actual driving experience and six hours of observation time. Currently, the behind-the-wheel hours provided by the school is only a small part of the requirements necessary for a student to earn an Illinois driver's license. Students will be informed of all requirements during the classroom phase.

It is imperative that all students have their Social Security Number before enrolling in Driver Education. The state will not permit students to take the test until they have 1) a Social Security Number and 2) a certified copy of their original birth certificate (certified means the one from the courthouse where the birth is registered--not a hospital birth)

certificate). It normally takes 6-8 weeks to obtain a Social Security Number so be sure to order it before enrolling in the class.

- **DE 0200 BEHIND-THE-WHEEL INSTRUCTION**- Six clock hours, Elective - **Prerequisite: successful completion of Classroom Phase of Driver's Education**

A minimum of six clock hours of behind-the-wheel instruction shall be required of all students by the Secretary of State's office before driver's education instructors can qualify them for driver's license certification. Students must also remember the State of Illinois requires additional documented hours of behind-the-wheel instruction from a qualified driver (other than the school's instructor) be provided by the student's parent/guardian. If certain performance requirements are not met during the driving phase at school, additional periods will be assigned as warranted. A fee of \$ 150.00 will be collected from each behind-the-wheel student to cover the cost of the instruction.

SCIENCE DEPARTMENT

Graduation requirements in science: 2 credits (two years)

Many colleges are recommending three years of lab science for freshman admission requirements. A sequence of specific courses should be planned based upon the student's background and ability in science as well as his/her proposed career field. The following sequences of science are recommended:

	Freshmen	Sophomore	Junior	Senior
Practical Career	-Biology	-Physical Science -Biological Science Applications in Agriculture	-Biological Science Applications in Agriculture	-Physical Science -Biological Science Applications in Agriculture

2-Year Technical	-Biology -Plant and Animal Bio -Principles of the Biomedical Sciences	- -Physical Science -Principles of the Biomedical Sciences	-Biological Science Applications in Agriculture -Zoology -Biology II -Introduction to Forensic Science	-Zoology -Biology II -Chemistry -Introduction to Forensic Science
2-4 Year College Bound	-Biology <u>or</u> Biology A -Principles of the Biomedical Sciences	-Physical Science -Biological Science Applications in Agriculture -Principles of the Biomedical Sciences	-Chemistry -Zoology -Introduction to Forensic Science -Biology II	-Introduction to Forensic Science -Biology II -Zoology -Chemistry II -Introduction to Human Anatomy -Physics -Independent Science Research
Accelerated 4-Year College Bound	-Biology A & Physical Science A -Principles of the Biomedical Sciences	-Chemistry -Zoology -Introduction to Forensic Science -Principles of the Biomedical Sciences	-Introduction to Forensic Science -Biology II -Introduction to Human Anatomy - Chemistry II -Physics -Independent Science Research	-Introduction to Forensic Science -Biology II -Introduction to Human Anatomy -Physics - Chemistry II -Independent Science Research
Possible careers in this field:	Lab Tech Dental Hygienist EMT/Paramedic Home Health Aide Licensed Practical Nurse Massage Therapist Medical Imaging Tech Phlebotomist Veterinary Tech		Speech/language Pathologist Biomedical Engineer Geneticist Occupational Therapist Physical Therapist Physician's Assistant Research Scientist Teacher	Dentist Physician Veterinarian Surgeon

ALL STUDENTS MUST SUCCESSFULLY COMPLETE A MINIMUM OF FOUR SEMESTERS OF SCIENCE FOR GRADUATION. STUDENTS WILL BE ENROLLED IN ONE OF THE FOLLOWING COURSES AS DETERMINED BY HIS/HER NEEDS.

- SC 2101 BIOLOGY** - Year, 1 credit, required - Grades 9, 10, 11, 12 - **No prerequisite.**
 This is a year course involved in the study of life, which includes plants and animals, microorganisms and their relationship to each other, and the environment. Basic topics included are the research method, characteristics and chemistry of life, cell structure and function, microorganisms, heredity and genetics, plants and plant structure and distribution of plants and animals, ecology, and awareness of what impact humans are having on our environment.
- SC 3111 BIOLOGY A** - Year, 1 credit, elective. Grades 9 - **Prerequisites: Must be currently enrolled in Geometry 9, English 9A, or permission of the instructor.**
 This is a year course involved in the study of life, which includes plants, animals, microorganisms and their relationships to each other and the environment. It includes all information taught in Biology, but is a faster paced, laboratory oriented course specifically designed for students interested in pursuing a science career.

- **SC 3330 BIOLOGY II** - Year, 1 credit, elective - Grades 11, 12 - **Prerequisite: Successful completion of biology and chemistry with a C+ or better or with Science Department approval.**

This course is a second year of biology, taught at a college level. Students will have the option to take the Biology AP Exam in the spring. In this course, students will cultivate their understanding of biology through inquiry based investigations as they explore the topics of evolution, cellular processes - energy and communication, genetics, information transfer, ecology and interactions of biological systems.
- **SC 2120 PRINCIPLES OF THE BIOMEDICAL SCIENCES** - Semester, 0.5 credit, elective - Grades 10, 11, 12 - **Prerequisite: Successful completion of Biology with an A or B with science department approval.**

This course provides an introduction to the biomedical sciences through hands-on projects and problems. Students investigate concepts of biology and medicine as they explore health conditions including heart disease, diabetes, sickle-cell anemia, hypercholesterolemia, and infectious diseases. Students will determine the factors that led to the death of a fictional woman as they sequentially piece together evidence found in her medical history and autopsy report as well as investigate lifestyle choices and medical treatments to demonstrate how disease development is related to changes in human body systems. Activities and projects will introduce students to human physiology, basic biology, medicine, and research processes to allow students to design experiments to solve problems.
- **SC 2130 EARTH AND SPACE SCIENCE** - Semester, 0.5 credit, elective - Grades 10, 11, 12 - **Prerequisite: successful completion of Physical Science with a C or better.**

Earth and Space Science is a semester-long course highlighting studies in geology, ecology, weather, our solar system, the universe, space exploration, and the big bang theory. Students will learn about scientific inquiry, geologic time, environmental stewardship and how atmospheric forces shape our world.
- **SC 3200 BOTANY** - Semester, 0.5 credit, elective - Grades 10, 11, 12 - **Prerequisite: successful completion of Biology with a C+ or better.**

This is a one-semester course that is an elective. Botany is the study of plants and the way humans use them. In this course, students investigate the growth, reproduction, anatomy, morphology, physiology, biochemistry, taxonomy, genetics, ecology, and evolution of plants from mosses to flowering plants. Laboratory and outdoor experiences complement classroom lectures.
- **SC 3210 ZOOLOGY** - Semester, 0.5 credit, elective - Grades 10, 11, 12 - **Prerequisite: successful completion of Biology and Physical Science with a C or better or concurrent enrollment in Physical Science.**

This one semester elective course provides an introduction to the classification, structure, and function of the major animal phyla. Emphasis is on levels of organization, reproduction and development, and comparative systems. Groups covered include invertebrates and major Chordate classes. Upon completion, students should be able to demonstrate comprehension of animal form and function, including comparative systems of selected groups. Laboratory exercises include dissections to reinforce topics discussed in lecture.
- **SC 3220 ECOLOGY** - Semester, 0.5 credit, elective - Grades 10, 11, 12 - **Prerequisite: successful completion of Biology with a C+ or better.**

Ecology is a one-semester course that introduces students to basic principles of aquatic and terrestrial ecology, which include how living things interact with each other and their environment. Topics covered include environmental awareness, reforestry, trophic and non trophic relationships, patterns in human and animal populations, human intervention in the environment, and water quality testing.
- **SC 2111 PHYSICAL SCIENCE** - Year, 1 credit, elective - Grades 10, 11, 12 - **Prerequisite: successful completion of Biology (may be taking Biology concurrently).**

This course is an introductory course in the physical sciences. The emphasis of this course is the principles and concepts of physical science but with less emphasis on mathematics. This course is a prerequisite for all other science courses.

- **SC 3101 PHYSICAL SCIENCE (A)** - Year, 1 credit, elective -- Grades 9, 10 - **Prerequisite: A grade of B or better in Algebra I and Biology A (may be taking Biology A concurrently) or permission of the instructor.**
This course is an introductory course in the physical sciences with strong emphasis on mathematical skills. It consists of one semester of pre-physics and one semester of pre-chemistry and is designed as a prerequisite for both Chemistry and Physics.
- **SC 2210 INTRODUCTION TO FORENSIC SCIENCE** - Semester, 0.5 credit, elective - Grades 10, 11, 12 -
Prerequisite: Successful completion of biology and physical science
This course surveys key topics in forensic science including the application of the scientific process to forensic analysis, procedures and principles of crime scene investigations, and physical and trace evidence. This course uses lab investigations which apply to many disciplines of scientific study such as biology/anatomy, chemistry, and physics to solve crimes. Students will get hands-on experience in areas such as tool marks and logic, DNA sampling, fingerprinting, toxicology, internet-based crimes, hair and fiber samples.
- **SC 3301 PHYSICS** - Year, 1 credit, elective - Grades 11, 12 - **Prerequisite: successful completion of biology, physical science and Algebra II (or higher) with a B or better or permission of the teacher.**
This primarily college-prep course relates physics to everyday life through lectures, problems and labs. Some topics covered are motion, energy, fluids, electricity, magnetism, optics, and sound. Math is heavily used to develop many of these topics.
- **SC 3231 CHEMISTRY** - Year, 1 credit, elective - Grades 10, 11, 12 - **Prerequisite: successful completion of Algebra I, biology, and physical science with a C or better. Any exception must be approved by the science department.**
This first-year chemistry course is primarily a college-prep course describing the physical properties of atoms and molecules. Students then learn how these same atoms and molecules react chemically with each other. General laws governing their relationship are brought to bear, and equations are derived. Phases of matter are discussed and also described. This is a lab course, in which students perform many experiments and graphically analyze results.
- **SC 3320 CHEMISTRY II** - Year, 1 credit, elective - Grades 11, 12 - **Prerequisite: C+ or better in Chemistry.**
Chemistry II is designed to build off the foundation laid out in Chemistry. It is a college preparation course to help students utilize mathematical problem solving along with scientific methods to understand the basic principles of inorganic chemistry. Topics to be covered include stoichiometry, states of matter, gas laws, acids and bases, thermodynamics and reaction kinetics. After course completion, students will be encouraged to take the AP Chemistry exam.
- **SC 3311 INTRODUCTION TO HUMAN ANATOMY/PHYSIOLOGY** - Year, 1 credit, elective - Grades 11, 12 - **Prerequisite: B or better in biology and physical science, successful completion of zoology and chemistry is recommended or permission of the teacher.**
Introduction to Human Anatomy/Physiology provides accurate information about the structure and function of the human body. The course is designed to fulfill the needs of students going into allied health careers such as medicine (physical therapy, nursing, radiology, etc.) or veterinary fields. In addition to the study of human body systems, homeostatic regulating mechanisms and metabolic processes will also be covered. The labs will include dissections of body organs and the cat.

Agriculture Sciences also meeting science elective requirements:

The following courses are also listed in the Agriculture department:

- **AG 2215 PLANT AND ANIMAL BIOLOGY** - Year, 1 credit, elective - Grades: 9, 10
This year-long course is based on the Next Generation Standards (NGSS) - Life Sciences and the National Agriculture, Food, and Natural Resources (AFNR) Standards. The relevance of science is conveyed and reinforced through the applied setting of agriculture by enhancing literacy in science and scientific processes as applied to plants and animals. Student learning is extended through scientific inquiry strategies including, but not limited to: observational, lab activities, scientific experimentation, and deductive reasoning. Topics of study include scientific

method, cell biology, photosynthesis & cellular respiration, genetics, heredity, evolution, plant and animal growth/reproduction, and agroecology. All students will complete an agri-science project and be eligible to compete in the State FFA Agri-Science Fair. 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. **This course may be taken for Biology required credit and is listed in the science department course descriptions.**

- **AG 2211 BIOLOGICAL SCIENCE APPLICATIONS IN AGRICULTURE (BSAA)** - Year, 1 credit, elective - Grades: 10, 11, 12 - **Prerequisite: Successful completion Introduction to Agriculture and biology.**

Biological Science Applications in Agriculture (BSAA) is a course designed to reinforce and extend the students' understanding of science by associating scientific principles and concepts with relevant applications in agriculture. Students will examine major phases of the animal and plant industry in this year- long version of BSAA, and will deepen their understanding of science as content and as a process through the use of numerous laboratory exercises and experiments. Students can also establish a Supervised Agriculture Experience Program and participate in agricultural science activities of the FFA.

In BSAA students will apply their knowledge of biology to management decisions and practices in agriculture. Sample topics include 1) Growth and Development of Animals and Plants - including embryology, ethnology, nutrition and 2) Processing Animal and Plant Products - preservation, fermentation, and pasteurization. **This course may be taken for science elective credit and is also listed in the Science department course descriptions.**

- **AG 2330 VETERINARY TECHNOLOGY** – Semester, 0.5 credit, elective – Grades 11 & 12 – **Prerequisite: Successful completion of biology.**

This course will develop students' understanding of the small and companion animal industry, animal anatomy and physiology, animal ethics and welfare issues, animal health, veterinary medicine, veterinary office practices, and animal services to humans. Career exploration will focus on veterinarian, veterinary lab technicians, office lab assistant, small animal production, research lab assistant, and animal nutrition lab technician. Improving computer and workplace skills will be a focus. Participation in FFA activities and SAE projects is an integral course component for leadership development, career exploration and reinforcement of academic concepts. **This course may be taken for science elective credit and is also listed in the science department course descriptions.**

SOCIAL STUDIES DEPARTMENT

Graduation requirements in Social Studies: 2 credits (2 years)

Many colleges are recommending three years of Social Sciences for freshmen admission requirements. A sequence of specific courses should be planned based upon the student's background and ability in Social Sciences as well as his/her proposed career field. The following sequences of Social Sciences are recommended:

	Freshmen	Sophomore	Junior	Senior
Practical Career	-Intro to Social Studies	-World Geography	-American History	-Civics

	-Current Events -World Geography -Early American History	-Current Events -World Geography -Early American History	-Current Events -World Geography	-Current Events
2-Year Technical	-Intro to Social Studies -Current Events -World Geography -World History -Early American History	-World Geography -World History -Current Events -Early American History	-American History -Current Events	-Civics -Current Events
2-4 Year College Bound	-Intro to Social Studies -Current Events -World Geography -World History -Early American History	-World Geography -World History -Current Events -Early American History	-American History -Sociology -Psychology -Current Events	-Civics -Sociology -Psychology -Current Events
Accelerated 4-Year College Bound	-Intro to Social Studies -Current Events -World Geography -World History -Early American History	-World Geography -World History -Current Events -Early American History	-American History -Sociology -Psychology -Current Events	-Civics -Sociology -Psychology -Current Events
Possible careers in this field:		Prison Guard Police Officer Administrative Assistant Paralegal	Social Worker Politics Psychologist Counselor Teacher Museum Technician	Attorney College Professor Intelligence Analyst

A SEMESTER OF CIVICS OR GOVERNMENT (MUST PASS THE U.S. CONSTITUTION TEST, ILLINOIS CONSTITUTION TEST, AND THE U.S. FLAG TEST), A FULL YEAR OF AMERICAN HISTORY, AND A SEMESTER OF MODERN AMERICAN HISTORY ARE REQUIRED FOR GRADUATION.

- **SS 2105 INTRODUCTION TO SOCIAL STUDIES** - Semester, 0.5 credit, elective - Grades 9 - **No Prerequisite. This is a required class.**

This one-semester class is a freshman level only class. It will introduce students to reading and writing in the social studies content. The main goal is to have independent thinkers and establish guidelines within the social studies department that will set them up to excel at upper level social studies classes at Taylorville High School. A portion of the computer literacy graduation requirement will be covered in this course.

- **SS 2110 WORLD GEOGRAPHY** - Semester, 0.5 credit, elective - Grades 9, 10 - **No Prerequisite.**

World Geography is designed to educate students on the location of countries and also the different customs, ways of life, economics, and cultural traits of the people in those countries. The study of current events as well as past history of various countries is also an important aspect of this course.

- **SS 2120 CIVICS** - Semester, 0.5 credit, required - Grade 12 - **No prerequisite. (THE REQUIRED TESTS ON THE U.S. CONSTITUTION, THE ILLINOIS CONSTITUTION, AND THE U.S. FLAG WILL BE GIVEN AS PART OF THIS COURSE.)**

Government gives the student a firm foundation in the government of the United States and how the government works. Materials studied include the three branches of government, state and local governments, voters and voting rights, the political party system and our rights and duties as described by the U.S. Constitution. Also stressed is the importance of being a good, responsible citizen in today's society. The U.S. Constitution test, the Illinois Constitution test, and the U.S. Flag test, which are requirements for graduation, must be successfully passed to receive credit for this course.

- **SS2122 ANCIENT WORLD HISTORY** - Semester, 0.5 credit, elective - Grades 9, 10, 11, 12 - **No prerequisite.**

World History is designed for all students desiring information on the evolution of World Civilizations. The goal of Ancient World History is to analyze, investigate, and inquire about the technological and scientific advancements of the River Civilizations through the Middle Ages.

- **SS2123 MODERN WORLD HISTORY** - Semester, 0.5 credit, elective - Grades 9, 10, 11, 12 - **No prerequisite.**

World History is designed for all students desiring information on the evolution of World Civilizations. The goal of Contemporary World History is to analyze, investigate, and inquire how the World outside of the United States develops from the Renaissance to the Cold War.

- **SS 2201 EARLY AMERICAN HISTORY** - semester, 0.5 credit - Grade 9, 10 - **No Prerequisite.**

Early American History will focus on the colonial period through 1865 (Civil War). The course will introduce major themes and concepts in American history and allow for a more in-depth discussions on events during the period. Students will also continue to develop the essential reading, writing, analysis, and other historical thinking skills essential to success in social studies and high school. This course shifts the timeline from the current requirement.

- **SS 2220 CURRENT EVENTS** – Semester, 0.5 credit/semester, elective – Grades 9, 10, 11, 12 - **No prerequisite.**

The focus of this class will be the examination of local, national, and world events that will give students more perspective about their world, their government, and their community. This course is repeatable for credit.

- **SS 2301 AMERICAN HISTORY** - Year, 1 credit, required - Grades 11, 12 - **Prerequisite: Junior status.**

American history is a survey course that satisfies the state requirement. It is designed to provide the student with an opportunity to understand the times, events, personalities, circumstances and trends that have molded the American way of life. The course is arranged in chronological sequence, with emphasis placed upon the development of the United States and its impact upon the world.

- **SS 2320 SOCIOLOGY** - Semester, 0.5 credit, elective - Grades 11, 12 - **No prerequisite.**

Sociology is the social science that concerns itself with the nature, conditions, and consequences of group interaction. This semester course explores the different ways people interact with one another within a society. Students will investigate the theories that seek to explain why contemporary social problems occur and will be introduced to the methods sociologists employ to improve our understanding of human relationships. Topics of study include the socialization process, institutions, social stratification, and social change.

- **SS 2330 PSYCHOLOGY** - Semester, 0.5 credit, elective - Grades 11, 12 - **No prerequisite.**

Psychology is the scientific study of behavior and concentrates on the social and personal aspects of an individual's behavior. Topics include discussions of perception, learning theories (Pavlov, Watson, Skinner), language development, memory and forgetting, intelligence and creativity, emotions, social and psychological motivations, sleeping and dreaming, personality development theories (Freud, Jung, Adler, Maslow, Rogers), abnormal behavior neuroses and psychoses, personality disorders, defense mechanisms, life cycles and stages, and achieving mental wellness. The basic principles and theories are discussed, and the language of psychology is used with the practical application of these principles and one's everyday life stressed. Emphasis is placed on learning about one's self, one's actions, as well as understanding the behavior of others. The class relies extensively on class discussion, note taking and participation.

- **SS 3300 THE SUPREME COURT** - Semester, 0.5 credit, elective - Grade 12 - **Prerequisite: B or better in American History AND department approval.**

This course is a historical and current analysis of the Supreme Court as a political and legal institution, with emphasis on Supreme Court decisions in these areas: freedom of religion, freedom of expression, affirmative action, political participation, and the right of privacy. Students will explore the core principles of the Court to better understand how it has become one of the most consequential branches of government. Students will be expected to read and analyze case briefs, discuss current and controversial issues, answer complex questions using historical precedent, and make political

and legal predictions. A capstone unit provides students with an opportunity to utilize the skills and knowledge they have acquired to simulate and debate a real Supreme Court case that has not been decided by the Court.

STEM DEPARTMENT

A sequence of specific courses should be planned based upon the student’s background and ability in math, science, and computer courses, as well as his/her proposed career field. The following sequences of STEM courses are recommended based on the proposed pathway.

	Freshman	Sophomore	Junior	Senior
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2-year College or Technical School--Engineering Science Pathway (for students enrolled in Integrated Algebra & Geometry)	Drafting (IT Dept) AND Computer Concepts (Business Dept)	Computer Aided Drafting (IT Dept) AND Microsoft Office (Business Dept)	Introduction to Engineering Design	AP Computer Science Principles OR Principles of Engineering
2-year College or Technical School--Computers & Technology Pathway (for students enrolled in Integrated Algebra & Geometry)	Computer Concepts (Business Dept)	Microsoft Office (Business Dept) AND Robotics AND Web Design		AP Computer Science Principles
4-year College-Engineering Pathway (for students enrolled in Algebra 1 or Geo 9 Freshmen year)	Drafting (IT Dept) OR STEM 8th Grade	Introduction to Engineering Design	Principles of Engineering AND AP Computer Science Principles	
4-year College-Computers & Technology Pathway (for students enrolled in Algebra 1 or Geo 9 Freshmen year)	Computer Concepts (Business Dept) OR STEM 8th Grade Robotics AND Web Design		AP Computer Science Principles AND Introduction to Engineering Design	
Accelerated 4-year bound (for students who have completed STEM-8th grade <u>and</u> enrolled in Geo 9)	Introduction to Engineering Design OR AP Computer Science Principles	Introduction to Engineering Design AND AP Computer Science Principles AND Principles of Engineering		

- **ST 2210 WEB PAGE & INTERACTIVE MEDIA DEVELOPMENT** – Semester, 0.5 credit/semester – Grade 9, 10, 11, 12 – **Prerequisite: C+ or better in Integrated Algebra & Geometry 2 or Algebra I or current enrollment in Geometry 9.**

This class is a skill-level course designed to prepare students to plan, design, create and maintain web pages and sites. Students will learn the fundamentals of web page design using HTML and CSS. Students will work in a project-based environment to create a working website. Students will learn to create pages, add hyperlinks, integrate images, and create visually appealing backgrounds.

- **ST 2220 ROBOTICS** – Semester, 0.5 credit/semester – Grade 9, 10, 11, 12 – **Prerequisite: C+ or better in Integrated Algebra & Geometry 2 or Algebra I, or current enrollment in Geometry 9. Students are strongly recommended to have completed Introduction to Microsoft Office, Computer Concepts, or Web Design OR have significant computing experience.**

Robotics is a high school level course that is appropriate for students who are interested in the design, engineering, and programming of robots or another technical career. The objective of this course is to introduce the student to basic programming and gives an introduction to coding as well as problem solving strategies.

- **ST 2230 INTRODUCTION TO ENGINEERING DESIGN** Year, 1 credit - Grade 9, 10, 11, 12 - **Prerequisite: C+ or better in Integrated Algebra & Geometry 2 or Algebra 1 AND drafting OR STEM during the 8th grade year.**

This course is part of the Project Lead the Way Engineering Curriculum. It also replaces CAD and 3D Modeling. Students dig deep into the engineering design process, applying math, science, and engineering standards to hand-on projects. They work both individually and in teams to design solutions to a variety of problems using 3D modeling software, and use an engineering notebook to document their work.

- **ST 3310 AP COMPUTER SCIENCE PRINCIPLES**-Year, 1 credit - Grade 9, 10, 11, 12 - **Prerequisite: C+ or better in Integrated Algebra & Geometry 3 or Algebra I AND Introduction to Engineering Design or Junior High STEM or Computer Concepts and Robotics**

Computer Science Principles introduces students to the foundational concepts of computer science and challenges them to explore how computing and technology can impact the world. More than a traditional introduction to programming, it is a rigorous, engaging, and approachable course that explores many of the foundational ideas of computing so all students understand how these concepts are transforming the world we live in.

AP Computer Science Principles is aligned to the AP Curriculum Framework standards and the AP CS Principles assessment. All students are strongly encouraged to take the Advanced Placement for college credit at the end of the school year. **This course counts as a math credit.**

- **ST 3320 PRINCIPLES OF ENGINEERING** - Year, 1 credit/semester - Grades 10, 11, 12 **Prerequisite: C+ or better in Integrated Algebra & Geometry 3 or Geometry. Successful completion of STEM during the 8th grade year OR Introduction to Engineering Design OR Physical Science A.**

This course is part of the Project Lead the Way Engineering Curriculum. Through problems that engage and challenge, students will explore a broad range of engineering topics, including mechanisms, the strength of structures and materials, automation, and robotics. Students will develop skills in problem solving, research, and design while learning strategies for design process documentation, collaboration, and presentation.

- **ST 2170 TOMMY TV PRODUCTION I** - Year, 1 credit, elective - Grades 9, 10, 11, 12 - **No Prerequisite.**

This class is for students interested in media production. In this class, students will learn a wide variety of skills such as live streaming, interviewing, video journaling, audio, lighting, video editing, producing commercials and many other skills. During the class, students will record sporting events and produce their own talk show.

- **ST2171 TOMMY TV PRODUCTION II** - Year, 1 credit, elective - Grades 10, 11, 12
Prerequisite—successful completion of Tommy TV Production i with a grade of C or better and approval of the teacher.

Tommy TV Production II is a continuation of Tommy TV Production I. Students will build on the basic knowledge gained in their first year. Work with the technology aspect of Tommy TV will increase during this course. Student expectations and responsibilities will increase from the previous year. Students will be expected to live stream events outside of class time and be actively involved in the production portion of the class.

- **ST 2172 TOMMY TV PRODUCTION III** - Year, 1 credit, elective - Grades 11, 12 - **Prerequisite** – successful completion of Tommy TV Production II with a grade of C or better and approval of the teacher.

Tommy TV Production III is a continuation of Tommy TV Production II. Students in the third level of the course will be required to take an active role in the production of all facets of Tommy TV and teach/mentor younger students in the course. Students will serve as the producer/director of productions and should be comfortable with all aspects of production and event management.

- **ST 2173 TOMMY TV PRODUCTION IV** - Year, 1 credit, elective - Grade 12 - **Prerequisite** - successful completion of Tommy TV Production III with a grade of C or better.

Tommy TV Production IV is the culmination of Tommy TV. Fourth year students should be familiar with all of the facets of Tommy TV production.

- **ST 2101 TOMMY PHOTO IMAGING** - Year, 1 credit, elective - Grade 9, 10, 11, 12 - **Prerequisite - Teacher approval (application)**

Photo Imaging courses provide students with the opportunity to effectively communicate ideas and information via digital, film, still and video photography. Topics covered typically include composition, layout, lighting and supplies. More advanced courses may include instruction in specialized camera and equipment maintenance, application to commercial and industrial needs and photography business operations.

VOCATIONAL DEPARTMENT

- **CACC CAPITAL AREA CAREER CENTER** - Year, 3 credits/year, elective - Grades 11, 12 - **Program approval.**
Capital Area Career Center in Springfield, IL provides an educational environment that assists students in discovering their potential through the development of occupational skills, positive work ethic characteristics and leadership skills. Students have access to technology-enriched curriculum using state of the art equipment. CACC has partnered with Lincoln Land Community College allowing students the opportunity to earn college credit at no cost. In addition to dual credit, many CACC programs offer industry certifications. Classes are offered five days a week. Transportation is provided by the Taylorville School District. Each CACC program allows students to learn program-specific mathematics, science reasoning, language arts and technology in real world applications. CACC programs include training in the career areas listed below:
 - Agriculture, Food & Natural Resources
 - Arts, Audio/Video Technology and Communication
 - Cosmetology
 - Education & Training
 - Health Science
 - Hospitality & Tourism
 - Human Services
 - Information Technology
 - Law, Public Safety, Corrections & Security
 - Manufacturing
 - Transportation, Distribution & Logistics
- **CAT CATERPILLAR INTERNSHIP** - Year, 3 credits/year, elective - Grade 12 - **Program approval.**
This program is a 12 month, paid internship program for qualifying seniors. It is designed to provide students an opportunity to build their work skills in preparation for a long-term manufacturing trades career at Caterpillar. Selected students will participate in a multi-phase program that includes both technical and non-technical skills needed for full-time employment in the welding and manufacturing trades fields upon high school graduation. Students are selected based on GPA requirements (2.81/5.0 scale or higher), strong attendance record, and an interview process. Students would be on THS campus through 3rd hour to get their required courses. Then they would travel to the Decatur Caterpillar campus for the remainder of the day. Students would earn 4 high school credits for the program.

LINCOLN LAND COMMUNITY COLLEGE DUAL CREDIT CLASSES **OFF CAMPUS**

**** Students must stay within their chosen pathway. ****

LLCC College NOW classes are preselected. If you plan to take LLCC classes on your own, make sure to avoid taking the classes that are in your College NOW pathway, as listed below.

ASSOCIATES DEGREE Pathway

First Year - Fall 24/Spring 25		Second Year -Fall 24/Spring 25
Public Speaking Fundamentals - CMN 101		Composition I - EGL 101 OR Intro to Humanities - HUM 101
U.S. History - HIS 112		General Biology - BIO 101
Intro to Psychology - PSY 101		Intro to Logic
Intro to Sociology - SOC 101		Composition II - EGL 102 OR Statistics

HEALTHCARE Pathway

First Year - Fall 24/Spring 25		Second Year - Fall 24/Spring 25
Certified Nurse Assistant - NAS 101		Intro to Human Anatomy II - BIO 176
		Intro to Sociology - SOC 101
Intro to Human Anatomy I - BIO 175		Composition I - EGL 101 OR Human Development - PSY 220
Intro to Psychology - PSY 101		Composition II - EGL 102 OR Statistics - MAT 141 Intro to Logic

WELDING Pathway

First Year - Fall 22 - Spring 23		Second Year - Fall 22 - Spring 23
Basic Metal Arc I - WEL 101		Pipe Welding - WEL 108
Shielded Metal Arc II - WEL 103		Aluminum Welding - WEL 109
MIG Welding - WEL 104		Welding Fabrication - WEL 106
TIG Welding - WEL 105		Welding Capstone Precertification - WEL 107

**** By adding Welding Blueprint Reading, students receive three certificates:
Basic Multipractice Welding, Intermediate Welding, and Advanced-Level Welding.**

EDUCATION Pathway

First Year - Fall 22 - Spring 23		Second Year - Fall 22 - Spring 23
Intro to Teacher Education - EDU 201		Students with Disabilities - EDU 215
Instructional Technology - EDU 210		Diversity of Schools and Society - EDU 220

****All classes are online through LLCC with 2 on-site visits to campus. The on-site campus visits are usually held on Saturday mornings. All Education Pathway courses are free to high school students through the dual credit process. Students are responsible for the cost of the textbook.**

GENERAL INFORMATION

Freshmen Interview

All freshmen should make an appointment in the counseling office during the first semester for a freshman interview. All students are encouraged to utilize counselors as often as needs dictate. Freshmen are asked to see their counselor during the first semester of school. This interview is an extension of the orientation program. Students can get acquainted with the office and the many ways it can be used. The counselor will discuss the student's past record and performance, grading procedures and other topics relevant to their high school career. Parents are urged to make sure their student schedules this interview. It is the desire of the counselors to assist all students in overcoming any problems that might impede learning or the development of a full-functioning and responsible adult citizen.

Registration and Schedule Changes

The master schedule of class offerings, teacher, and room assignments is all derived from the tallies of spring registration. For these reasons it is extremely important that students not change their schedules once their selections are made. However, as the master schedule is constructed, conflicts may occur in some student schedules. Students will be contacted (as soon as possible) to make alternate course selections.

It is very important that each student discusses class scheduling with his/her parent/guardian during the spring pre-registration time so changes are kept to a minimum. Pre-registration forms are supplied early in the spring. These forms must be signed by the student's parent/guardian signifying their knowledge of their son/daughter's selection of courses for the fall of the following year. Failure to return pre-registration forms signed by parent/guardian may jeopardize a student's course request list from being scheduled. Students must always follow the established registration guidelines to avoid any confusion or penalties. No student/parent initiated schedule changes are allowed after the master schedule is completed during the spring of the previous school year.

The school may find it necessary to drop courses from the curriculum listed because of insufficient enrollment, unavailability of teaching personnel or teacher overload. Those decisions are made during the summer months when section information, teacher and room availability are finalized.

If a student enrolls in a yearlong (two semesters) course, it is expected that the student remains in the course the entire year. Class makeup, teacher time, changes in curriculum or textbooks all dictate progress made in each course each year.

Student Pre-Registration and Schedule Changes

The following policy will be used for student registration and schedule changes:

1. Pre-registration of students will occur during the early to middle part of the second semester. Students will take home pre-registration materials to their parents/guardians for discussion and selection of courses.
2. Students will receive pre-registration materials in a classroom setting (typically English class). Course selection sheets will be completed by the students and taken home for a parent/guardian signature. Students absent on these days will need to see their respective counselor to complete the process.
3. Students and parents/guardians are to review the course selection sheets for necessary changes. Changes can be made on this listing of courses prior to it being returned. Course selection sheets will be due back within approximately one week when the student is scheduled to enter course selection requests into the computer (usually during a predetermined class).
4. Course selection sheets, **signed by the parent/guardian**, (with or without changes), must be returned on the day the student is scheduled to enter course requests into the computer.
5. During the week of registration, students will be given a tentative year schedule. Any student or parent/guardian initiated schedule change after the master schedule is completed **must have a sound academic basis for the change**. These changes may only be made in person during regular business hours.
6. Once school starts, **NO** student or parent/guardian initiated schedule changes will be allowed for the remainder of the school year without administration approval.

At times, a teacher, counselor, and/or administrator may believe a student schedule change is necessary. These changes can only be made with the approval of the principal and/or his designee.

Prerequisites Are Important

Learning in second-semester (year) courses is based upon material covered in a first semester (year) class. Therefore, in studying the course descriptions, care must be taken to ensure that the student has met the necessary prerequisites to enroll in a given course. Only in very special cases and ONLY WITH THE PERMISSION OF A COUNSELOR/PRINCIPAL AND DEPARTMENT CHAIRPERSON will a student be allowed to enroll in the second semester of a yearlong class without having taken the first semester of the yearlong class.

Failing a Subject

Failing a subject can cause many problems, especially if the course is required by the school board or the State of Illinois for graduation. Also, a student must be continually aware of the total number of credits he/she has passed, and the number of courses (credits) he/she must pass to graduate on time with all requirements met. All students MUST ENROLL IN SIX (6) ACADEMIC classes plus physical education in order to be listed as a full-time student. Any number fewer than six (6) credits can only be arranged through the offices of the principal and counseling department. Part-time student status is not available except in the following situations:

- prior agreement with local law enforcement officials
- special education students dictated by individual problems
- fifth year students

Correspondence Courses

Taylorville High School will accept courses taken from accredited institutions that are approved by the principal. DO NOT ENROLL IN ANY SCHOOL WITH THE THOUGHT THAT CREDIT IS AUTOMATICALLY TRANSFERABLE! Correspondence credit is awarded to students on a remedial basis ONLY. Students who are taking correspondence courses must check with the principal's office PRIOR to making a commitment to any correspondence school. Seniors who are approved to take correspondence credit(s) and who plan to graduate on time with their class must have a transcript presented to the high school office no later than MAY 1 of the year of graduation. Failure to do so will jeopardize graduation status.

Commencement (Graduation) Exercises

Graduation can be an area of confusion for some students and their parents, especially since students order graduation announcements and gowns many weeks prior to graduation. REMEMBER, final grades are not always known for all students until after exams (sometimes as close as one day away from graduation!); therefore, students and parents must stay aware of the student's performance right up to the completion of their last exam! No student will be allowed to participate in commencement exercises unless ALL requirements have been met. Students will not be given a "certificate of attendance" in lieu of a diploma, nor will any student be allowed to go through the graduation "ceremony", receive a "blank" diploma and then complete their graduation requirements at a later date.

Post High School

Traditionally, THS has suggested that those students who plan to attend a four-year college should be able to maintain at least a "C" average, rank in the top half of their class, and have a strong desire to pursue academic study. Recent indications show that students who are not interested in a four-year institution may still be accepted by community colleges, vocational or trade and technical schools; even if they have a grade point average below "C" and a class rank in the bottom half of their class. Students interested in pursuing some form of higher education other than a four-year college or university should seek the advice and help of their counselor. Many community colleges and trade/technical schools have scholarships and financial assistance plans to help students work toward career goals.

Institution and Current Entry Requirements

VOCATIONAL OR TECHNICAL SCHOOLS: Ability to take course work and pay for same. Many vocational and technical schools require an entrance examination prior to admission. Scholarships are available for students desiring vocational training. Students should see their counselor for details.

COMMUNITY (2 YEAR) COLLEGES: Graduate from an accredited high school. In some cases, a student does NOT have to

graduate from high school in order to be accepted and enroll in community college courses - see a counselor for additional information. The ACT (American College Testing) or SAT (Scholastic Aptitude Test) is currently required for students who wish to enroll in many community colleges.

STATE SUPPORTED COLLEGES AND UNIVERSITIES (4 YEAR): Immediate entry to these requires an upper half of high school class standing (by sixth semester) and/or a specific grade point average (G.P.A.) on a specific group of "core subjects" and/or a specific score on a national norm-referenced admission test - e.g. ACT, SAT. Students should see their counselor for additional information. Virtually every university in the State of Illinois has a different requirement for admission, and, in fact, many colleges within those universities have different requirements.

Concurrent Enrollment in College

A student enrolled in Taylorville High School may enroll in a post-secondary institution concurrent with his/her high school matriculation during school hours if each of the following provisions is met. This is separate from dual credit courses offered at Taylorville High School and earning Lincoln Land Community College credit also:

1. Junior and Senior status.
2. All requirements for graduation from Taylorville High School as prescribed by the State of Illinois and the Taylorville Community Unit School District #3 Board of Education has been successfully completed. (Concurrent enrollment in required courses for graduation is allowable.)
3. Student must be in good standing. (All financial obligations to Taylorville Community Unit School District #3 have been paid.)
4. Student must have exhausted all courses at Taylorville High School leading to the courses he/she registers for at the postsecondary level.
5. Student must have written consent of his or her parent or guardian and must provide his/her own transportation. (Taylorville School District #3 will not be liable for accidents that occur while students are not on the school grounds en-route to a post-secondary institution.) Written consent must be submitted at least two weeks prior to the first day of the semester in which the student wishes to enroll in the post-secondary center.
6. Attendance at a post-secondary center and the scheduling of courses in that center must be supplemental to the scheduling demands of Taylorville High School.
7. All requests for concurrent enrollment must be addressed to the principal of Taylorville High School.
8. Credit earned at a postsecondary institution will be accrued on a student's high school record only if the course(s) are approved in advance by the principal. College credit for courses taken will be held in escrow at that center.

Dual Credit

Students at Taylorville High School now have an opportunity to earn dual credits. This means college credits can be earned towards traditional four-year baccalaureate degrees without ever leaving the THS campus. Parents (or students) can save hundreds or even thousands of dollars in tuition costs by utilizing the Dual Credit option. Currently, THS students enrolled in Honors English, Computer Applications & Systems, Accounting II and Film as Literature can earn several hours of transferable college credit from Lincoln Land Community College while at the same time earning high school credit for those courses. The credits are not held in escrow by Lincoln Land, but are listed on the student's college transcript and high school transcript upon successful completion of the course(s). Students must enroll through Lincoln Land Eastern Region campus in Taylorville and pay any related course fees. Students must be 16 years of age and a junior status in order to enroll and earn dual credit. Our counseling department can assist students desiring dual credit enrollments. The status of Dual Credit courses is at the sole discretion of Lincoln Land Community College and students should always check with their counselor prior to enrolling.

NCAA Divisions I and II Initial-Eligibility Requirements for Student Athletes

Core Courses

- NCAA Divisions I and II require 16 core courses. See the charts below.
- Beginning August 1, 2016, NCAA Division I will require 10 core courses to be completed prior to the seventh semester (seven of the 10 must be a combination of English, math or natural or physical science that meet

the distribution requirements below). These 10 courses become "locked in" at the start of the seventh semester and cannot be retaken for grade improvement.

- Beginning August 1, 2016, it will be possible for a Division I college-bound student-athlete to still receive athletics aid and the ability to practice with the team if he or she fails to meet the 10 course requirement, but would not be able to compete.

Test Scores

- Division I uses a sliding scale to match test scores and core grade-point averages (GPA). The sliding scale for those requirements is shown on Page No. 2 of this sheet.
- Division II requires a minimum SAT score of 820 or an ACT sum score of 68.
- The SAT score used for NCAA purposes includes only the critical reading and math sections. The writing section of the SAT is not used.
- The ACT score used for NCAA purposes is a sum of the following four sections: English, mathematics, reading and science.
- When you register for the SAT or ACT, use the NCAA Eligibility Center code of 9999 to ensure all SAT and ACT scores are reported directly to the NCAA Eligibility Center from the testing agency. Test scores that appear on transcripts will not be used.

Grade-Point Average

- Be sure to look at your high school's List of NCAA Courses on the NCAA Eligibility Center's website (www.eligibilitycenter.org). Only courses that appear on your school's List of NCAA Courses will be used in the calculation of the core GPA. Use the list as a guide.
- Division I students enrolling full time before August 1, 2016, should use Sliding Scale A to determine eligibility to receive athletics aid, practice and competition during the first year.
- Division I GPA required to receive athletics aid and practice on or after August 1, 2016, is 2.000-2.299 (corresponding test-score requirements are listed on Sliding Scale B on Page No. 2 of this sheet).
- Division I GPA required to be eligible for competition on or after August 1, 2016, is 2.300 (corresponding test-score requirements are listed on Sliding Scale B on Page No. 2 of this sheet).
- The Division II core GPA requirement is a minimum of 2.000.
- Remember, the NCAA GPA is calculated using NCAA core courses only.

DIVISION I - 16 Core Courses

4 years of English.
3 years of mathematics (Algebra I or higher).
2 years of natural/physical science (1 year of lab if offered by high school).
1 year of additional English, mathematics or natural/physical science.
2 years of social science.
4 years of additional courses (from any area above, foreign language or comparative religion/philosophy).

DIVISION II - 16 Core Courses

3 years of English.
2 years of mathematics (Algebra I or higher).
2 years of natural/physical science (1 year of lab if offered by high school).
3 years of additional English, mathematics or natural/physical science.
2 years of social science.
4 years of additional courses (from any area above, foreign language or comparative religion/philosophy).

**** For more information, visit the NCAA Eligibility Center website at www.eligibilitycenter.org .**

Awards and Honors

Honor Students are any students with a cumulative grade point average of 5.0 or higher on a 5.0 weighted scale (for 2023 graduates) 4.0 or higher on a 4.0 weighted scale (for 2024 graduating class and beyond) after eight (8)

semesters, which is an A average after their 4 years of high school. Honor students will be awarded honor cords and recognized at graduation. The student with the highest GPA in the class after eight semesters will also wear a medal. The class speaker will be elected from and by the members of the honor student group.

Weighted Grades and Grade Point Average

Some useful definitions and explanations:

Grade Point - a unit of credit for a course or semester's work, varying with the grade or grades achieved during the semester.

Grade Point Average (G.P.A.) - a measure of scholastic achievement obtained by dividing all the grade values earned by the number of courses taken. When computing GPA, physical education, Strength Training, Practical Academic Assistance, and driver's education are not used, but grades earned in these courses will be posted and credits earned from physical education, Strength Training, and Practical Academic Assistance will be awarded toward graduation. Driver's education (classroom) is required for graduation, but no credit is given.

Cumulative - increasing or growing by addition - - accumulating.

Weighted Grades - assigning a higher point value to a letter grade for a more academically challenging course and a lesser point value for the same grade in a less academically challenging course.

CLASS RANK CALCULATION GUIDE

	LEVEL I	LEVEL II	LEVEL III
A+	4.33	5.33	6.33
A	4.00	5.00	6.00
A-	3.66	4.66	5.66
B+	3.33	4.33	5.33
B	3.00	4.00	5.00
B-	2.66	3.66	4.66
C+	2.33	3.33	4.33
C	2.00	3.00	4.00
C-	1.66	2.66	3.66
D+	1.33	2.33	3.33
D	1.00	2.00	3.00
D-	0.66	1.66	2.66
F	0.00	0.00	0.00