

# *CLINTON HIGH SCHOOL*



*2019-2020*

*COURSE  
CATALOG*

**Printed 1/30/19**

**For the most up to date version be sure and see online version-  
<https://goo.gl/UqRaXp>**

The 2019-2020 Course Descriptions are available online:  
[www.clintoncardinals.org](http://www.clintoncardinals.org)



Dear Parents and Students,

This Course Catalog is intended to assist students as they make plans for an academic course load that will prepare them for their next steps after high school. We urge students and parents to work with the school faculty to review the information in this book in preparation for creating the student's personal plan of study. Each year you will annually revisit the student's personal plan of study. The personal plan of study is the student's unique plan of study which outlines courses that align with future education and career goals. When students see the relevance of high school course work to what they aspire to in their future, they are more apt to take school more seriously and enroll in more rigorous courses. Remember course selection is very important and we hope that once courses are selected through this process they may not change easily.

Parent, please familiarize yourself with the abundance of information in this book and actively participate with your school and student in creating and reviewing your child's personal plan of study. Students rank parents as the most influential people in their lives. Challenge your students to set high standards, select courses and school activities which directly help them achieve personal and career goals, work hard to achieve these goals and attend classes daily. Embrace the power of your influence and genuinely engage in educational pursuits with your child(ren).

We look forward to partnering with you for a successful year. Please don't hesitate to contact us if we can be of assistance.

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### *Mission Statement*

### **To Prepare All Students for Productive Living**

### *Philosophy*

The purpose of the Clinton School District is to prepare our students to be productive members of an ever-changing society. It is our ultimate goal that each student grow intellectually, physically and emotionally. Furthermore, we strive to preserve each individual's rights and opportunities.

We draw our strength from supportive parents and patrons, dedicated students, and imaginative, professional teachers. Supported by these elements, we will continue to be a progressive leader in innovative curricular, professional, and technological advancement. With these components present and functioning cooperatively, children will develop into productive citizens who are able to contribute to the society in which they live.

### *Beliefs*

- ★ All students can learn.
- ★ Students need to be willing learners.
- ★ To respect the opinions and beliefs of all students.
- ★ To provide equal opportunities in learning through special programs for the gifted as well as the handicapped.
- ★ To encourage students to make worthwhile use of leisure time.
- ★ To improve the learning situation through continuous evaluation and research.
- ★ To provide counseling that will direct the student to his areas of interest and importance.
- ★ To make provision for a program of health and safety education.
- ★ To help each child recognize his individual worth and make him aware of his importance in our society.
- ★ To develop students' knowledge of the concepts of democracy and promote the responsibilities of citizenship in a democratic society.
- ★ To provide opportunities for vocational education.
- ★ To promote growth and practice of high moral and professional standards by the faculty.
- ★ To allow opportunities for parents to have a voice in the policies of the schools.
- ★ To give consideration for the most efficient use of tax money.

**Clinton School District seeks to initiate a cooperative effort among students, faculty and administrators to prepare the student for his present and future responsibilities as a citizen of his community and country, and as an individual.**

## Notice of Nondiscrimination

It is the policy of the Missouri Department of Elementary and Secondary Education not to discriminate on the basis of race, color, religion, gender, national origin, age, or disability in its programs or employment practices as required by Title VI and VII of the Civil Rights Act of 1964, Title IX of the Education Amendments of 1972, Section 504 of the Rehabilitation Act of 1973, the Age Discrimination Act of 1975 and Title II of the Americans with Disabilities Act of 1990.

### *Frequently Asked Questions.....*

#### **How do I apply to Clinton Technical School?**

Students are required to fill-out an online application for Clinton Technical School located on the CTS webpage. Students responses are evaluated using criteria developed to forecast student success in career and technical education courses. Results will be provided to CHS counselors. CTS & CHS counselors, together, based on the results of the application process, place students in CTE programs. Click [HERE](#) to apply by March 1.

#### **What happens if I fail a semester of a required full year (2 semesters) course?**

If a student fails a semester or more of a requirement, they will have to retake that course credit in one of the following ways: summer school, after school credit recovery, or re-enrolling in the course.

#### **May I get additional credits through summer school or correspondence courses?**

Clinton High School accepts up to 2 units of credit each year from students who take approved transcribed courses through correspondence, college or other means. Students can recover credits from classes they have failed through the summer school coursework. All coursework must be through accredited institutions.

#### **May I change my schedule at semester if I don't like a class I am taking?**

After the enrollment process is complete, schedule changes will only occur for valid, educational reasons. Students should carefully select their classes for the next year so that schedule changes are minimized.

#### **Do any classes which I took in middle school count toward high school credit?**

Yes. Algebra taken during the 8<sup>th</sup> grade counts as a high school elective credit starting with the 17-18 school year. This grade will not be calculated in the cumulative high school GPA and will not count as a math credit toward the high school graduation requirements.

## CLINTON HIGH SCHOOL COURSE GRADUATION REQUIREMENTS

<b>CURRICULAR AREAS</b>	<b>Graduation</b>
<b>ENGLISH</b>	4 credits
<b>SOCIAL STUDIES</b>	2.5 credits (American History, American Government, plus additional half credit) 3.0 Credits of Social Studies* (American History, Government, plus one additional credit) *Starting with the class of 2023 (Freshmen in 2019-2020)
<b>MATHEMATICS</b>	3 credits
<b>SCIENCE</b>	3 credits (Biology, plus two additional science credits)
<b>FINE ARTS</b>	1 credit
<b>PRACTICAL ARTS</b>	1 credit
<b>PHYSICAL EDUCATION</b>	1 credit
<b>HEALTH</b>	0.5 credit
<b>PERSONAL FINANCE</b>	0.5 credit
<b>ELECTIVES</b>	9.5 credits 9.0 credits (Starting with the class of 2023)
<b>Totals</b>	26 credits

In addition to the program of study for graduation, a student must take End of Course Exams in English II, Biology, Algebra I, Algebra II (if student took Algebra I in Middle School), and Government and a student must pass the Missouri and the United States Constitutions exams.

**ADMISSIONS REQUIREMENTS**  
**MINIMUM POST-HIGH SCHOOL EDUCATION**

<b>CURRICULAR AREAS</b>	<b>Entering Freshman University of Missouri System Credit Requirements</b>	<b>Missouri Public 4 Year Colleges (UCM, MSU) Credit Requirements</b>	<b>Community &amp; Technical Colleges</b>	<b>Military Careers</b>	<b>Apprenticeships</b>
<b>COMMUNICATION SKILLS</b>	4 Credits (2 credits must focus on composition or writing skills)	4 Credits	High School Diploma, GED, or a Completion of Home School Program	High School Diploma	Most Require a High School Diploma or a GED and must be at least 18 years of age
<b>SOCIAL STUDIES</b>	3 Credits Govt ½	3 Credits Govt ½			
<b>MATHEMATICS</b>	4 Credits Alg I & Higher	3 Credits Alg I & Higher			
<b>SCIENCE</b>	3 Credits (Earth, Biology, Chemistry, Physics- one must include a lab)	3 Credits No General Science 1 must be a lab class			
<b>FINE ARTS</b>	1 Credit	1 Credit			
<b>PRACTICAL ARTS</b>	0 Credits	0 Credits			
<b>PHYSICAL EDUCATION</b>	0 Credits	0 Credits			
<b>ELECTIVES</b>	5 Credits	6 Credits			
<b>ADDITIONAL ELECTIVES</b>	2 Credits 2 Years of the same foreign language	3 Credits selected from foreign language &/or core courses			
<b>TOTALS</b>	22 Credits Plus appropriate class rank and a minimum score of 24 on ACT	23 Credits Plus appropriate class rank and ACT score			

## Missouri State High School Activities Association Eligibility (MSHSAA)

Knowing and following all MSHSAA standards will enable a student to protect his/her eligibility for MSHSAA interscholastic competition. Activity participation should be for all students making appropriate progress toward graduation and otherwise in good standing.

Grades 9-12:

Grades received the preceding semester will determine eligibility to participate in interscholastic activities.

- The student shall have earned, the preceding semester, a minimum of 3.0 units of credit. This means to pass 6 of 7 classes the previous semester.
- The student shall currently be enrolled in and regularly attending courses that offer 3.0 units of credit. (student aides, etc. does not count as a full class)
- A beginning ninth grade student shall have been promoted from the eighth grade to the ninth grade for first semester of eligibility.
- A student must be making satisfactory progress towards graduation as determined by local school policies.

There is a maximum age limit for participation

**Dual Enrollment/Virtual Instruction:** Students planning to participate in dual enrollment/virtual instruction classes should visit with their counselor or Activities Director to make sure they will be eligible to participate in MSHSAA sanctioned activities. More information can be found at: [www.mshsaa.org](http://www.mshsaa.org)

## National Association of Intercollegiate Athletics (NAIA)

For information about eligibility to play NAIA athletics, go to [www.playnaia.org](http://www.playnaia.org).

## National Collegiate Athletic Association (NCAA)

Before a student is eligible to participate in college athletics at the NCAA Division I or Division II level, the NCAA Clearinghouse must certify the student. Part of that certification process includes making sure the student has successfully taken the required number of core courses. The required number of core courses is listed below. **For further requirements to be deemed eligible contact NCAA.**

### CORE UNITS REQUIRED FOR NCAA CERTIFICATION

	Division I	Division II
English Core	4 years	3 years
Mathematics Core (Algebra I or higher)	3 years	2 years
Science Core (1 year of lab science, if offered)	2 years	2 years
Social Studies Core	2 years	2 years
Additional English, Math, or Science	1 year	3 years
Additional Core (English, Math, Science, Social Studies, Foreign Language, or Comparative Religion or Philosophy)	4 years	4 years
<b>TOTAL CORE UNITS REQUIRED</b>	<b>16</b>	<b>16</b>

### \*IMPORTANT NOTE:

Be sure to look at your high school's list of NCAA-approved core courses on the Eligibility Center's Website to make certain that courses being taken have been approved as core courses. The website is [www.eligibilitycenter.org](http://www.eligibilitycenter.org).

## National Collegiate Athletic Association (NCAA) Eligibility Center

All high school student-athletes wishing to compete in college must register with the NCAA Eligibility Center. Information about the Eligibility Center can be found in the Guide for the College-Bound Student-Athlete. The NCAA national office does not handle initial-eligibility certifications. Please do not contact the NCAA national office with inquiries regarding an individual's initial-eligibility status, including whether transcripts, student release forms, etc., were received or about when you will be cleared. The Eligibility Center maintains and processes all of the initial-eligibility certifications. More information can be found at: [www.ncaa.org](http://www.ncaa.org)

### HIGH SCHOOL SPECIAL PROGRAMS

The high school administration realizes that an effective educational program is one that provides opportunities for student learning both within the classroom and beyond the traditional classroom and school day. These expanded opportunities are viewed as educational options to supplement the regular program.

#### **A+ Scholarship Program**

The A+ Scholarship Program provides scholarship funds to graduates of A+ designated high schools who meet the eligibility requirements and plan on attending a participating public community college or vocational/technical school. For additional information about the A+ Scholarship Program review the information in the back of this catalog, contact the A+ coordinator or visit the Department of Higher Education website (<http://dhe.mo.gov/ppc/grants/aplusscholarship.php>). The CHS A+ Handbook can be viewed at the following link: ([goo.gl/rJWqSV](http://goo.gl/rJWqSV))

#### **Articulated Credit**

Articulation agreements are set up for certain career, technical or occupational courses that are offered through a postsecondary institution. Articulated credit is earned by successfully completing a career, technical, or occupational course with an 80% or higher. Enrollment for articulated credit must be made while the student is enrolled in the high school equivalent course. The policies of the postsecondary institutions determine when credit is awarded. There is no cost to the student for articulated credit.

**Dual credit** is an opportunity for high school students who are capable of meeting an increased challenge to earn high school credit and/or college credit through selected courses. Dual credit courses are offered at the high school, technical school, college campus or online by certified teachers.



## **Advanced Placement**

Advanced Placement (AP) is a program of college-level courses and exams which give high school students the opportunity to receive college credit. Each course is developed by a committee composed of college faculty and AP teachers, and covers the breadth of information, skills, and assignments found in the corresponding college course. AP courses are taught by highly qualified high school teachers who use the *AP Course Descriptions* to guide them.

The AP exams corresponding to these courses are given at CHS on the national test dates in May. The approximate cost is \$95.00 for each AP exam taken. Most AP exams include two sections: multiple-choice and free-response (essays, problems, portfolios or taped responses). Each examination receives an overall grade on a five-point scale, interpreted as follows:

- 5 – Extremely well-qualified
- 4 – Well qualified
- 3 – Qualified
- 2 – Possibly qualified
- 1 – No recommendation

AP grade reports are sent during the summer to each student, the high school, and (if the student requests) to a college. Each college decides what examination grades it will accept. Many colleges accept grades of 3 or better and give students credit as if they had taken one of the more basic courses in the field-tested. In some cases credit is not given, but the necessity of taking basic courses is waived; therefore, the student begins the program of study on an advanced level.

Advanced Placement Course:		
<b>AP Language and Composition</b>	1 unit of high school credit (weighted)	Junior or Senior
<b>AP Literature and Composition</b>	1 unit of high school credit (weighted)	Junior or Senior
<b>AP Psychology</b>	1 unit of high school credit (weighted)	Sophomore, Junior or Senior
<b>AP Biology</b>	1 unit of high school credit (weighted)	Sophomore, Junior or Senior who has taken Biology I, Recommended to have taken Chem I
<b>AP United States Government and Politics</b>	1 unit of high school credit (weighted)	Sophomore, Junior or Senior

## Weighted Courses

Weighted courses at Clinton High School are offered to encourage students to take more rigorous courses, which will lead to an increase in academic achievement and increased preparation for post-secondary education. The following courses are offered for weighted credit. Students enrolled in these courses will earn one (1), (.66) or (.33) additional grade point for the grade they receive in the course.

<u>Course</u>	<u>Weight</u>
Advanced Placement Courses	1.0
Approved Dual Credit Courses	.66
PLTW Classes	.33
Pre-AP LAII, Chemistry I/II, Physics, Pre-AP Biology, Pre-AP LAI,	.33
Trigonometry/PreCalculus and Calculus	.33

## Early Graduation

A student who wishes to graduate from high school in less than the ordinary eight (8) semesters, grade 9-12 sequence, may request permission to complete graduation requirements on an alternate schedule. The student and parents/guardians will consult with high school guidance personnel to develop a graduation plan. The student's intention to accomplish early graduation shall be presented in writing to the principal by October 1st. Early graduation requests may be approved only if the student plans to continue his/her postgraduate studies during the eighth semester, or has a specific hardship. The student must have been in attendance at Clinton High School for a minimum of two (2) full semesters and have earned a minimum of six (6) units of credit at Clinton High School to be eligible.

A student who graduates early must complete all graduation requirements established by the Clinton Board of Education. The student who chooses early graduation will be allowed to participate in the spring graduation ceremonies. In all other activities, the early graduate will be treated as a graduated student and is considered a guest at school activities. Diplomas for early graduates will be awarded at the time of graduation. If an early graduate chooses not to attend graduation ceremonies, their diploma will be mailed after the ceremony.

**COMMUNICATION ARTS**

**Four (4) units of Communication Arts credits are required for graduation.**

**ENGLISH I** (1 unit of credit)

This course is required for all 9<sup>th</sup> grade students. English I will explore a variety of literary works including poems, short stories, and plays. In addition, English I will emphasize the writing process and its application in a variety of formats. Special attention will be given to sentence writing, paragraph writing, and the processes of turning those into essays.

**PRE-AP ENGLISH I (1 unit of credit)**

Prerequisites: Teacher Recommendation, Student Desire and/or Scores from MAP Testing in Middle School  
Pre-AP English I enables willing and academically prepared students to develop the skills needed to analyze challenging texts to further prepare them for future AP English courses. Pre-AP English I focuses on analyzing (close reading, critical analysis) texts, writing about texts, and presenting skills. The course develops the skills needed for future AP courses.

**ENGLISH II** (1 unit of credit)

Prerequisite: English I

This course is required for all 10<sup>th</sup> grade students. English II will survey various authors and types of literature. Through this study, students will gain an understanding of how all literature relates to modern audiences. In addition, students will write various types of essays for different audiences and purposes. Students will be introduced to the MLA research process and will complete a research paper with documentation.

**PRE-AP ENGLISH II** (1 unit of credit)

Prerequisites: English I and Teacher recommendation and/or Advanced or Proficient in English I EOC

This course will be an advanced English II. It will cover the content that English II has previously covered, but at a quicker and much more independent pace. This course will prepare students to take AP Lang and/or AP Lit.

**ENGLISH III** (1 unit of credit)

Prerequisite: English I, English II

English III will emphasize advanced research, evaluation, and writing techniques to be applied in a variety of formats. Students will produce pieces of writing intended for various purposes as well as a documented research paper. Students will also survey various authors and types of literature. They will analyze historical influences on the authors and their writing and will be provided with an understanding of the life-long relevance of literature.

**CAREER ENGLISH** (1 unit of credit)

Prerequisite: English I, II Class can be taken in place of English III or Senior English Electives

This class will align with 11-12th grade ELA Missouri Learning Standards but will focus on changes in the American industry and ways in which to be successful in today's workforce. Students will read books about the changes in American jobs from the 1920s until now and will analyze technical nonfiction pieces. Students will also read poetry related to the working class. The culminating assignment for the class will be a career or college portfolio and virtual resume to a prospective employer or college.

**COMPOSITION I** (1/2 unit of credit)

Prerequisite: English I, Teacher Recommendation and pass college entrance requirements. Dual credit option for students through State Fair Community College.

Emphasizes planning, drafting and revising along with critical thinking and information management skills and their role in communicating concise written ideas to a range of audiences for a variety of purposes. Basic computer skills are essential for successful completion.

**COMPOSITION II** (1/2 unit of credit)

Prerequisite: Composition I with a grade of C or higher. Meet college entrance requirements. Dual credit option for students through State Fair Community College.

Combines the process writing techniques acquired in Composition I with higher-order reasoning and advanced research skills to communicate ideas in meaningful and effective writing. Basic computer skills are essential for successful completion.

**ADVANCED PLACEMENT (AP) LANGUAGE AND COMPOSITION** (1 unit of credit)

Prerequisite: Junior; Teacher Recommendation and/or Grade of A or B in English II, Pre-AP LAII for future years.

The AP English Language and Composition course aligns to an introductory college-level rhetoric and writing curriculum, which requires students to develop evidence-based analytic and argumentative arguments.

Throughout the course, students develop a personal style by making appropriate grammatical choices.

Additionally, students read and analyze the rhetorical elements and their effects in non-fiction texts, including graphic images as forms of text, from many disciplines and historical periods.

All students enrolled in AP courses are required to take the AP exam in May in the subject area. The cost is currently \$95. Financial aid is available.

**ADVANCED PLACEMENT (AP) LITERATURE AND COMPOSITION** (1 unit of credit)

Prerequisites: Senior; Composition I & II or AP Language and Composition or Teacher Recommendation

The advanced placement program enables willing and academically prepared students to pursue college-level studies with the opportunity to earn college credit, advanced placement, or both, while still in high school. AP English Literature and Composition focuses on the analysis (close reading, critical analysis) of college-level, complex, imaginative (fiction, drama, poetry) literary text from various periods through writing informally and formally in various formats. The course aligns to an introductory college-level literary analysis course and deepens students' understanding of the ways a writer uses language.

All students enrolled in AP courses are required to take the AP exam in May in the subject area. The cost is currently \$95. Financial aid is available.

**SCIENCE FICTION** (1/2 unit of credit)

Prerequisite: English I, English II

This *elective* course is a study of science fiction as a literary genre and as a means of exploring contemporary concerns; those concerns will be introduced to students through non-fiction informative pieces. This course will also emphasize writing skills required for success in college and the workplace. In addition, students will create writing samples for a variety of real life purposes.

**CONTEMPORARY LITERATURE** (1/2 unit of credit)

Prerequisite: English I, English II

This *elective* course focuses on fiction and non-fiction contemporary literature that young adults will be able to relate to. This course will also emphasize writing skills required for success in college and the workplace. In addition, students will create writing samples for a variety of real life purposes.

**MYTHOLOGY** (1/2 unit of credit)

Prerequisite: English I, English II.

This *elective* course is a study of Greek/Roman/Norse mythology and how it compares with other mythologies and beliefs in the areas of creation, explanation stories, underworld, monsters and heroes (will include fiction and non-fiction examples). This course will also emphasize writing skills required for success in college and the workplace. In addition, students will create writing samples for a variety of real life purposes.

**CREATIVE WRITING** (1/2 unit of credit)

Prerequisite: English I, English II

This *elective course* explores the different genres of creative writing as well as active participation in creating original poetry, short stories, drama, personal narratives, etc. The students will engage in various writing activities, including mimicking styles, developing pieces based on audio and visual prompts, writing in groups, and writing in self-selected themes.

**ENGLISH IV – INTEGRATED ENGLISH** (1/2 unit of credit per year)

This course is required for all Clinton Technical School students. The English work will be integrated into the curriculum already being studied as part of the block course at CTS. Students in this course will learn about English concepts and how they relate to their field of study and will be focused on the real-world application of English skills. The use of Microsoft word, crediting information to original sources (MLA or APA format), research, writing, grammar, career readiness (resumes, cover letters, interviewing, job applications, etc.), and reading informational text will be integrated during the student's CTE course.

**SPEECH AND DEBATE** (1 unit of credit)

This course will help students advance informative and persuasive speaking skills with an introduction to theatre arts, radio, and debate. Students who take this class will be encouraged to develop an individual event for Speech and Debate tournaments. Participation at these events is optional.

## SOCIAL STUDIES

**Two and a half (2.5) units of Social Studies credits required for graduation. American History (1 credit), and American Government (1 credit) are required.**

**\*Starting with the class of 2023 (Freshmen in 19-20), 3.0 credits of Social Studies will be required for graduation. American History (1 credit), American Government (1 credit) plus one additional credit.**

### WORLD HISTORY (1 unit of credit)

Required for Freshman

This course will be a survey course covering 800 AD to present day. There will be an emphasis on factors that continue to affect the world today. There will be a continued emphasis on geography skills.

### AMERICAN HISTORY (1 unit of credit)

This course is designed to study American history with special emphasis on how this history relates to world events. Students will demonstrate knowledge of significant historical events and developments, their relationship to each other and to the present. Students will identify courses of major historical events and developments related to United States and world history. While this course will focus on American history, related disciplines will be integrated, as needed, to enhance and promote learning. There will be a continued emphasis on geography skills. Students must achieve 70% on the Missouri Constitution test in order to pass the class. **Passing the class meets the state law requirement for high school graduation.**

### MODERN AMERICAN HISTORY(1/2 unit of credit)

Modern American History covers important events in Post 1945 America from a cultural, political, and social standpoint. Students will examine the creation of the post war US including the Cold War and the Nuclear Age, 1950s Consumerism, Civil Rights, the 1960s, Vietnam, the resurgence of conservatism in the 1980s, de-industrialization and globalization in the latter part of the 20th century, 9/11 and the Global War on Terror, the Obama era, and the critical role of the United States as a global leader in the politically volatile climate of the early 21st century.

### AMERICAN GOVERNMENT (1 unit of credit)

The curriculum is designed to give students a broad perspective on government and politics in the United States. Students will study both general concepts used to interpret U.S. politics and examine specific examples. The American Government course requires students to learn facts and concepts and understand typical political processes. The course will require students to master historical and analytical skills, including: chronological and spatial thinking, historical research, and interpretation. Students will study the governments and constitutions of the United States and Missouri. Students must achieve 70% on the U.S. Constitution test in order to pass the class. Dual credit option available through State Fair Community College or AP Option available. **Passing the class meets the state law requirement for high school graduation.**

### ADVANCED PLACEMENT (AP) UNITED STATES GOVERNMENT AND POLITICS (1 unit of credit)

This AP course will study constitutional underpinnings, civil liberties and civil rights, political culture and socialization, citizen participation and influence, political institutions and policy making that are the foundation of modern U.S. government and politics. Interpret classic and contemporary political writings and apply pertinent Supreme Court rulings to enduring social and political issues in this country. All students enrolled in AP courses are required to take the AP exam in May in the subject area. The cost is currently \$95. Financial aid is available. This is a college level course and will require substantial reading and preparation for each class. Students must achieve 70% on the U.S. Constitution test in order to pass the class. **Passing the class meets the state law requirement for high school graduation and can be taken instead of American Government**

**PERSONAL FINANCE** (1/2 unit of credit)

This course provides an interactive approach to consumer skills. Students complete applications and interview for classroom job assignments and receive “paychecks.” Students gradually take on the following consumer responsibilities: rent (or mortgage if they choose), renters insurance, utility bill, grocery bill, budgeting, car payment, car insurance, income taxes, medical insurance, life insurance and unforeseen expenses. **Passing the class meets the state law requirement for high school graduation.**

**ADVANCED PLACEMENT (AP) PSYCHOLOGY** (1 unit of Credit) Open to Soph-Seniors, The AP Psychology course is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. They also learn about the ethics and methods psychologists use in their science and practice. All students enrolled in AP courses are required to take the AP exam in May in the subject area. The cost is currently \$95. Financial aid is available. This is a college level course and will require substantial reading and preparation for each class.

**PSYCHOLOGY** (1/2 unit of credit)

Prerequisite: Junior or Senior. Dual credit option through State Fair Community College.

Psychology is the study of individual human behavior. Students will be exposed to varied topics in adolescent, abnormal and developmental psychology. Topics include learning, memory, problem solving, development, perception, motivation, personality, and behavior.

**SOCIOLOGY** (1/2 unit of credit)

Prerequisite: Junior or Senior. Dual credit option through State Fair Community College.

Sociology is the study of people in their environment. Topics include culture, groups, social interaction, and various social problems such as poverty.

**MATHEMATICS**

**Three (3) Math credits are required for graduation.**

**ALGEBRA IA, IB (2 YEARS, TOTAL OF 2.0 CREDITS)**

Prerequisite: Teacher recommendation.

Students will take Algebra I learning standards and spread them out over 2 school years. Students will take Algebra IA the first year and Algebra IB the second year. This course replaces the previous course of Pre-Algebra.

**ALGEBRA I** (1 unit of credit)

Prerequisite: Teacher recommendation

The course will be an in-depth study of algebraic concepts. Topics include simplifying and evaluating expressions, solving and graphing linear equations and inequalities; and factoring, combining and evaluating polynomial expressions. Students will apply these concepts to real-world situations. A scientific calculator is required.

**GEOMETRY** (1 unit of credit)

Prerequisite: Algebra I

The student will be exploring various geometric concepts such as polygonal properties, angle and line relationships, logical reasoning skills, congruence and similarity among figures, and transformations and symmetry. Students will make connections between algebraic formulas (perimeter, area, volume, etc.) and polygonal figures with related geometric principles. Students will explore both algebraic and geometric

conceptual importance through real-world applications and career fields. A scientific calculator is required. Can be taken concurrently with Algebra I.

### **APPLIED MATH** (1 unit of credit)

Prerequisites: Junior, Senior, and must have taken Geometry and teacher recommendation.

This course will provide students with an opportunity to study a variety of mathematics used in different occupations and everyday life. Applied Math will help the students learn and be confident in mathematics they will use routinely. The course would include such real-life mathematics topics as interest (loans, credit cards), budgeting and planning events (expenses, vacations, ratios/proportions, insurance, hobbies). The course also will include topics related to different occupations such as basic math skills that employers would want employees to be efficient in so that an employee can learn mathematics specific to a job (debits, credits, ratios/proportions, units, measuring).

### **ALGEBRA II** (1 unit of credit)

Prerequisite: Recommended C- or better in Geometry

Algebra II is a continuation of concepts learned in Algebra I with concepts of Geometry integrated throughout the course. Algebra II is the study of various types of equations, inequalities, and functions (absolute value, linear, polynomial, quadratic, rational, radical, exponential, and logarithmic) and their applications to model real-world situations. Most universities require at least Algebra II for admittance. A scientific calculator is required; a graphing calculator is permitted.

### **INTERMEDIATE ALGEBRA** (1/2 unit of credit)

Prerequisite: Algebra II

This is a semester course only offered 1<sup>st</sup> semester. The course will give students an opportunity to further improve their algebra skills and their knowledge and understanding of functions before enrolling in College Algebra. Functions and algebra topics studied in Algebra 2 will be revisited with further practice and application. Dual Credit through SFCC is available for students.

### **PROBABILITY AND STATISTICS** (1/2 unit of credit)

Prerequisite: Algebra II

This is a semester course offered 2<sup>nd</sup> semester only. This course will include descriptive and inferential statistics, counting principles and probability, and associated mathematics topics. This is a great course for students to improve their algebra skills following Algebra 2 while learning new topics and learning how to make informed decisions based on data by learning tools of statistics. This course is recommended for both the college bound and non-college bound student as the course improves their confidence in mathematics, algebra skills and their understanding of data.

### **COLLEGE ALGEBRA (UCM MATH 1111)** (Dual Credit, 1 high school credit, 3 college credit hours)

Prerequisite: Algebra II and teacher recommendation.

This course is a study of functions (linear, quadratic, polynomial, exponential and logarithmic). Solving equations, inequalities and systems of such is also studied. This course is a requirement for many degree programs and is taught at a college pace/level as it is a dual credit course.

A scientific calculator is required; a graphing calculator is recommended. *Dual Credit Eligibility*

*Requirements: The student must be a junior or senior, have a cumulative GPA of 3.0 on a 4.0 scale, and earn a minimum score of 22 on the math portion of the ACT. The last opportunity for earning this minimum score will be the ACT given in December of the school year in which the student is enrolled in the course.*

College Algebra is also offered in a 1 semester offering through SFCC, with high school instructor as well.



### **TRIGONOMETRY/PRECALCULUS** (1 unit of credit)

Prerequisite: Algebra II with a grade of C- or better and teacher recommendation

Trigonometric functions, their applications and solving trigonometric equations are studied in the first semester of this course. Second semester pre-calculus topics include advanced properties of functions, polar coordinates and complex numbers as well as an introduction to the derivative. Discrete math topics will include recursion and induction. This course is recommended for a student planning a career in a mathematics related field. A scientific calculator is required; a graphing calculator is recommended.

## **SCIENCE**

### **Three (3) Science credits are required for graduation**

#### **PHYSICAL SCIENCE** (1 unit of credit)

A laboratory oriented course in which the students will learn the basic fundamentals of the laws of physics, chemistry and the other physical sciences.

#### **PRE-BIOLOGY** (1 unit of credit)

Prerequisite: Teacher Recommendation

This course is designed to give students the opportunity to explore concepts of biology and chemistry in a lab setting and prepare them for Biology. Throughout the class the students will experience many activities which will develop their problem solving skills.

#### **ENVIRONMENTAL SCIENCE** (1 unit of credit)

Open to 11th and 12th Grade Students. This course will explore basic ecological principles, natural resources management, waste management and pollution, wildlife management, forestry, and environmental issues. Students will participate in classroom, laboratory, and field trip activities.

**BIOLOGY** (1 unit of credit) A beginning course which is intended to provide students with a basic understanding of processes occurring in living things. The students will participate in a variety of laboratory activities involving living organisms. They will become involved in the scientific processes of observing, recording, and analyzing experimental data. A few of the units covered in this course are: classification, the cell, genetics, ecology, and life processes. **Passing the class meets the state law requirement for high school graduation.**

#### **PRE-AP BIOLOGY** (1 unit of credit)

Prerequisites: Current Science Teacher recommendation and/or Advanced or Proficient in English I EOC

This course will be an advanced Biology I. It will cover the content that Biology I has previously covered, but at a quicker and much more independent pace. This course will prepare students to take AP Biology. **Passing the class meets the state law requirement for high school graduation.**

#### **ADVANCED PLACEMENT (AP) BIOLOGY** (1 unit of credit)

Prerequisite: Biology, recommended Chemistry I. AP Biology is an introductory college-level biology course. Students cultivate their understanding of biology through inquiry-based investigations as they explore the following topics: evolution, cellular processes—energy and communication, genetics, information transfer, ecology, and interaction. **All students enrolled in AP courses are required to take the AP exam in May in the subject area.** The cost is currently \$95. Financial aid is available.

### **AQUATIC SCIENCE** (½ unit of credit)

Prerequisite: Biology

Aquatic Science is a semester elective science course. Students study a variety of topics that include components of an aquatic ecosystem; relationships among aquatic habitats and ecosystems; roles of cycles within an aquatic environment; adaptations of organism; changes within aquatic environments; geological phenomena and fluid dynamics effect; and origin and use of water in a watershed.

### **WILDLIFE BIOLOGY** (½ unit of credit)

Prerequisite: Biology

This course is designed to introduce you to wildlife biology, basic management techniques, and species identification while emphasizing wildlife awareness and social responsibility. You will also become aware of the numerous career opportunities the field of natural resource management. This course strongly emphasizes stewardship of natural resources as well as environmental awareness. Providing you with the ability to make responsible and educated decisions concerning wildlife and the environment is the ultimate goal of this course.

### **CHEMISTRY I** (1 unit of credit)

Chemistry I introduces students to basic chemistry. All chemistry is in metrics. A basic understanding of metrics, **mathematics** and the use of a calculator is needed. Laboratory procedure and work are involved. Chemistry I is a preparatory class for Chemistry II.

### **CHEMISTRY II** (1 unit of credit)

Prerequisite: Chemistry I

This chemistry course is a continuation of Chemistry I and involves concepts such as states of matter, chemical equilibrium, acid/base theories, reduction-oxidation, and kinetics of reactions, thermodynamics, and basic Organic Chemistry. Individual lab work is required.

### **PHYSICS** (1 unit of credit)

Prerequisite: Senior and be enrolled alongside Functions, Statistics, and Trigonometry or higher math course.

This is a college bound course. Students will study physics topics such as mechanics, fluids, waves, sound, light, electricity and modern physics topics. The concepts and mathematics associated with these topics will be studied.

### **ANIMAL SCIENCE** (1 unit of credit) (½ unit of science and ½ unit of Practical Art when completed with plant science in sequent year)

This class will take an in-depth look at animal classification, animal anatomy and physiology, animal nutrition and health, animal reproduction and genetics, and small animal care and management. In addition, students will discover how scientific principles and modern technologies have affected the animal industry. Career opportunities in the animal sciences will be explored. The class will include classroom, laboratory, and field trip activities. Students successfully completing this course will receive ½ science credit. Students will have the opportunity to join FFA.

### **PLANT SCIENCE** (1 unit of science credit if taken with Animal Science)

Prerequisite: Animal Science

This class will apply scientific principles and new technologies to plants. Units of study will include plant structures and taxonomy, plant physiology, plant reproduction (including genetic engineering), soils and hydroponics management, plants and the environment and plants and the food industry. Additional instruction in agricultural careers, leadership and supervised agricultural experience will be included. The class will

include classroom, laboratory, greenhouse, and field trip activities. Students will receive 1 science credit if taken after animal science.

**ADV. ANIMAL SCIENCE** (1 unit of credit)

Prerequisite: Animal Science or Plant Science

Advanced study in animal production, management, marketing, nutrition, breeding, production records, selection, animal health, waste management, and biotechnology may be included in this course.

**FINE ARTS**

**One (1) credit of fine art is required for graduation.**

**ART**

**FUNDAMENTALS OF DESIGN** (1/2 unit of credit) 9-12th grades

This course builds a foundation of knowledge in art. The elements and principles of design are covered in depth. Students should leave Design Fundamentals with a clear understanding of composition. Students will experiment with a variety of media with an emphasis on 2-Dimensional work. This course is a prerequisite for all art classes except Art History. LAB FEE: \$10.00

**ART HISTORY** (1/2 unit of Credit) 9-12th grades

This course focuses on history and eras of visual arts from ancient times to present, covering specific art movements and critical artists from these movements. Minimal art production will be required.

**DRAWING I** (1/2 unit of Credit) 9-12th grades

Prerequisite: C+ or better in Fundamentals of Design (Art I). Drawing I offers students an opportunity to focus specifically on improving drawing skills and expanding knowledge of composition. Students will use a variety of drawing media. Students will learn how to critique artwork in a group discussion setting. This class is necessary for students interested in Painting I. LAB FEE: \$10.00

**PAINTING I** (1/2 unit of Credit) 10-12th grades

Prerequisite: C+ or better in Fundamentals of Design (Art I) and Drawing I (Art II). Painting I focuses on the foundations of painting basics in acrylic, tempera and watercolor. Students should have strong drawing skills and an understanding of color and composition. Students will also explore Art History and Criticism. LAB FEE: \$15.00

**CERAMICS I** (1/2 unit of credit) 9-12th grades

Prerequisite: Fundamentals of Design (Art I). This class provides an introduction to hand-building ceramics. Students should have a strong understanding of the elements and principles of art and like to work with their hands. Historical and present styles of ceramics will be explored in addition to decorative surface, application methods. LAB FEE: \$15.00.

**3D DESIGN** (1/2 unit of credit) 9-12th grades

Prerequisite: Fundamentals of Design. This course is an introductory class into 3D and sculpture. Students will work on converting 2D drawings and designs into 3D sculptures. Media will include an introduction to various sculptural materials. Students should be comfortable with class discussion format critiques and have strong drawing and composition abilities.

LAB FEE: \$15.00.

**ART PORTFOLIO** (1/2 unit of credit) 11-12th grades

Prerequisite: C+ or better in Fundamentals of Design and 2 additional Art courses and Teacher Recommendation. Portfolio class is designed for students interested in post high school study of art. Students will work on pieces that will be presented at college interviews and portfolio reviews. Students will also create a Digital Portfolio of their work to be sent to colleges, universities and art institutes. Students will also be on an independent study of required projects, reports, competitions and exhibits (design, setup and execution). Additional fees may be required. This course may be repeated. LAB FEE: \$15.00

**THEATRE**

**BEGINNING THEATRE** (1 unit of credit)

This class is performance based and will explore various types of performance including improvisation, pantomime, monologues, and audition techniques. This course will briefly cover theatre history and the development of different acting styles.

**ADVANCED THEATRE** (1 unit of credit)

Prerequisite: Beginning Theatre and with a grade of C or above or approval from the teacher. This class will be an intense course dealing with characterization, physicality, vocalization, character development, and directing. The majority of this class will be performance based with some script analysis and an exploration of directing techniques and styles.

**BAND**

**HIGH SCHOOL BAND** (1 unit of credit)

Prerequisite: Three years of instrumental music OR Instructor approval. High School Band is designed for the student who has had at least three years of training on an approved band instrument. Marching band will perform at all home football games, several field competitions, local parades, and parades in local communities. The band will form a concert band at the end of the marching season and perform a fall concert. The concert band will continue into second semester. The concert band will perform at State music festival, Conference band, a spring concert, and commencement exercises. The students will also have the opportunity to explore solo and small ensemble playing techniques. Evening and weekend performances are expected.

**JAZZ BAND** (1 unit of credit)

Prerequisite: Must be in high school band and/or Instructor approval. Jazz Band is open to high school band students who are interested in jazz, rock, big band, Latin, and other jazz styles. The Jazz Band performs at concerts, jazz festivals, and local events. Size of the ensemble is limited by instrumentation. Evening and weekend performances will be expected.

## VOCAL MUSIC

### **CHORALIERS** (1 unit of credit)

Prerequisite: Audition

This singing course is in a mixed setting (men and women). An audition must be passed in order to participate in this group. Choraliers will study various styles of music using good singing techniques, music theory and music history. Strong emphasis will be placed on performance techniques with the Christmas Concert, Spring Contest, and Spring Concert as mandatory performances.

### **MUSIC APPRECIATION** (1/2 unit of credit)

This class is a non-performance course that explores the elements and history of music. It encourages students to view music as an ingredient of the student's own life, and of human life in all cultures. It uses history as a resource for understanding of how music has fulfilled basic human purposes in other ages and present times. Content is divided between music history and a study of musical elements through musical literature. Can be taken two times, a fall and spring semester.

### **CARDINAL CHOIR** (1 unit of credit)

Cardinal Choir is an open choir for both men and women that does not require an audition. Cardinal Choir students will study the basic elements of music in a choral setting. Students will be expected to perform at winter and spring concerts.

## PHYSICAL EDUCATION

One (1) unit of credit in this area is required for graduation.

**Two (2) years of JROTC PT are equal to 1 unit of credit**

### **HEALTH** (1/2 unit of credit) **Required for graduation**

Health will provide basic health information. Units to be covered are as follows: disease prevention and control, Family Life/Sex Education, mental health, substance abuse, nutrition, personal health, safety and first aid, environmental/community health, and consumer health, body systems, and setting goals.

### **FUNCTIONAL MOVEMENTS** (1/2 unit of credit)

Course will begin with teaching basic functional movements that would build a solid foundation to increase students level of fitness in the ten modal domains; accuracy, agility, balance, coordination, cardiovascular and respiratory endurance, flexibility, power, strength, speed and stamina. Once the student is proficient in basic movements, the student will move on to the second level of the course, which would involve more complex exercises and weights. This would include CrossFit type activities, along with Aerobics and Zumba.

### **LIFETIME SPORTS** (1/2 unit of credit)

This course will emphasize basic skills, techniques, rules, strategies, and safety of various individual and partner games. Activities include golf, badminton, tennis, and more. A physical fitness component is included to promote a healthy lifestyle.

### **TEAM SPORTS** (1/2 unit of credit)

This course will teach rules, strategies, safety and skills necessary to participate in competitive games. Games include soccer, flag football, wiffle ball/softball, basketball and more. Emphasis will be on team play and a physical fitness component is included to promote a healthy lifestyle.

### **STRENGTH & CONDITIONING** (1/2 unit of credit)

Recommended for students involved in school athletics. This course will emphasize strength-training system created for students who want to advance their skills in overall body wellness. It is designed to enhance athletic ability through resistance training, agility development and flexibility work.

## **FOREIGN LANGUAGE**

The foreign language department encourages college bound students to take a foreign language class beginning their freshman year of high school.

New for 2019-2020: The following languages will be available through the *Launch* virtual instruction program:

- Spanish
- French
- Japanese
- German

### **SPANISH I** (1 unit of credit)

Spanish I students will learn basic vocabulary such as: greetings, family members, colors, food, clothing, weather, telling time, numbers, sports, etc. Students will learn grammar: noun-adjective agreement, gender and number of nouns. Students will learn how to conjugate verbs in the present tense, past tense, reflexive, present progressive, etc. Students will use the vocabulary and grammar they learn to form complete original sentences.

### **SPANISH II** (1 unit of credit)

Prerequisite: Spanish I Grade of C or higher.

A continuation of Spanish I with increased attention to conversational and situational language use using present, preterite, and present progressive tenses.

### **SPANISH III** (1 unit of credit)

Prerequisite: Spanish II of C or higher.

Building on the skills gained in the previous two years' instruction. Spanish III is designed to increase vocabulary and conversation skills. Spanish literature will be used to enhance learning experiences. Students will continue with cross-cultural relationships created in Spanish II. Students will be able to apply obtained knowledge to real world situations.

**PRACTICAL ARTS**  
**One (1) unit of credit is required for graduation**

**INTRODUCTION TO ENGINEERING DESIGN** (1 unit of credit)

Open to all 9-12 Grade Students. Recommended to have had Algebra I.

Engineers make a world of difference, are you ready to design the future?

Introduction to Engineering Design (IED) is a high school level foundation course in the PLTW Engineering Program. In IED students are introduced to the engineering profession and a common approach to the solution of engineering problems, an engineering design process. Utilizing the activity-project-problem-based (APB) teaching and learning pedagogy, students will progress from completing structured activities to solving open ended projects and problems that require them to develop planning, documentation, communication, and other professional skills.

Students dig deep into the engineering design process, applying math, science, and engineering standards to hands-on projects. They work both individually and in teams to design solutions to a variety of problems using 3-D modeling software, and use an engineering notebook to document their work. This course is part of the Project Lead The Way (PLTW) Engineering program. Future classes in this pathway include Principles of Engineering Design and more to be added.

<https://www.pltw.org/our-programs/pltw-engineering>

**TECHNICAL THEATRE** (1/2 unit of credit)

This course will focus on introducing the six design elements of theatre; Set design, Light design, Sound design, Costume design, Make-up design, and Props. An exploration of the development of various stages of technical aspects will be included. An introduction to various play genres and script analysis will be included, as well as an introduction to the production positions. Beginning with the Class of 2019, this class will become a Practical Art. This class can be taken multiple, consecutive times for credit.

**ADVANCED TECHNICAL THEATRE** (1/2 unit of credit)

Prerequisite: Technical Theatre

The students in this class will be focusing on movie, television, directors, and producers. Students will take the six design elements of theatre and put them to the test during a live performance. Participation in the spring play is optional. Beginning with the Class of 2019, this class will become a Practical Art.

## **FAMILY & CONSUMER SCIENCE**

Family and Consumer Sciences Education Programs prepare students for family life, work life, and careers in family and consumer sciences by providing opportunities to develop the knowledge, skills, attitudes, and behaviors needed for: strengthening the well-being of individuals and families across the life span; becoming responsible citizens and leaders of family, community, and work settings; promoting optimal nutrition and wellness; managing resources to meet the material needs of individuals and families; balancing personal, home, family, and work lives; using critical and creative thinking skills to address problems in diverse family, community, and work environments; functioning as providers and consumers of goods and services; appreciating human worth and accepting responsibility for one's actions and success in family and work life; and successful life management, employment, and career development.

### **CAREER DEVELOPMENT AND ENTREPRENEURSHIP** (1/2 unit of credit)

Career Development and Entrepreneurship is a semester long class designed to assist students in gaining the skills needed to become successful in career and entrepreneurial environments. This course will provide students with the knowledge to communicate effectively in a working environment, develop decision making skills required in career and entrepreneurship as well as the knowledge to dress and act professionally. Topics covered in this course include exploring careers and entrepreneurship, researching entrepreneurial opportunities, requirements and developing a business plan and implementing entrepreneurial skills.

### **CHILD DEVELOPMENT I/II** (1/2 unit of credit each)

An instructional program that focuses on the intellectual, social, emotional, and biological development of children. It includes instruction in preparing for parenthood, responsibilities of having children, child growth and development, the role of a parent, prenatal health, labor and delivery, health and safety issues for children, learning activities for children, and child-related careers.

Prerequisite for Child Development II: Successful completion of Child Development I with a passing grade.

### **CULINARY ARTS** (1/2 unit of credit)

Culinary Arts is an introductory food exploration course that incorporates food preparation, meal planning and nutrition. This course is a prerequisite for concepts taught in Advanced Culinary Arts.

### **ADVANCED CULINARY ARTS** (1/2 unit of credit)

Prerequisite: Sophomore, Junior, or Senior and have completed Culinary Arts with a passing grade.

Advanced Foods is designed to follow Culinary Arts to further explore nutrition and the impact on our daily lives and learn more advanced, in-depth cooking techniques. Exploration in careers related to the food industry will be examined as well.

Prerequisite for Advanced Culinary Arts: Successful completion of Culinary Arts with a passing grade.

### **INTERIOR DESIGN** 1/2 unit of credit)

An instructional program which describes the study of housing and interiors. Includes instruction in analyzing, planning, designing, furnishing, and equipping homes to meet user needs

### **WORLD FOODS** (1/2 unit of credit)

Prerequisite: Sophomore, Junior, or Senior and have completed Culinary Arts with a passing grade.

This class emphasizes the variety in food products and preparation techniques, experimentation in meal patterns and the significance of food as it relates to various cultures and conditions. The course places an emphasis on the history, geography, culture, and foods from other countries.



## **PUBLICATIONS**

### **MEDIA PRODUCTIONS** (1/2 unit of credit)

Students will learn all aspects of TV news production as well as newspaper production- gathering information, videotaping, editing, on-air performance, writing voice over, writing stories, editing, design, photography and desktop publishing. Students learn Adobe Premiere Pro and Adobe InDesign Skills.

### **PHOTOGRAPHY** (1/2 unit of credit)

Prerequisite: Freshman, Sophomore, Junior or Senior

The goal of this class is to help students learn to take better pictures. Students will learn the key skills necessary to create and evaluate photography, including composition and exposure.

### **TV PRODUCTION** (1 unit of credit)

Prerequisite: By application only. Completion of Introduction to TV Production preferred.

Students use skills learned in Introduction to TV and Newspaper Production to produce broadcasts of news programs aired through the school. Writers, anchors, reporters, directors, camera technicians and equipment crew members are needed. Students must be trustworthy and cooperative and have excellent school attendance to be chosen for this class. All students must film outside of class activities. Interested students should have taken the Introduction class or fill out an application with the instructor.

### **NEWSPAPER** (1 unit of credit)

Prerequisite: By application only. Completion of Introduction to Newspaper Production preferred.

Students use skills learned in Introduction to TV and Newspaper Production to produce the high school newspaper. Students will write news, features, and sports stories, editorials and columns. Students must also take pictures for the paper, design the pages, and submit the paper using desktop publishing. Students must be trustworthy and cooperative and have excellent school attendance to be chosen for this class. Interested students should have taken the Introduction class or fill out an application with the instructor.

### **YEARBOOK** (1 unit of credit)

Prerequisite: By application only. Should have taken Photography or Yearbook in Middle School.

Students produce the high school yearbook. Students learn desktop publishing, digital photography, journalistic writing, and a variety of other skills in order to produce the 184 page yearbook. Students must be trustworthy and cooperative and have excellent school attendance to be chosen for this class. Interested students should pick up an application from the instructor.

## **JUNIOR RESERVE OFFICERS' TRAINING CORPS (JROTC)**

**Two (2) years of JROTC are equal to 1 credit of PE**

SPECIAL NOTE: There is no military service obligation of any type. Parents and students will be responsible for accountability and cleaning of uniform items issued to cadets. A contract will be entered into and considered binding. Failure to abide by said contract will result in students being removed from JROTC.

### **LET 1 (LEADERSHIP EDUCATION AND TRAINING 1)** (1 unit of credit)

Course emphasizes: Character and Leadership Development; Leadership Theory and Application; Appreciation for Personal Responsibility; and Developing self-esteem through Foundations for Success, and Wellness, Fitness, and First Aid.

### **LET 2 (LEADERSHIP EDUCATION AND TRAINING 2)** (1 unit of credit)

Prerequisite: LET 1

Course emphasizes: Citizenship and American History; and the continuation of Leadership Theory and Application; Foundations for Success; and Wellness, Fitness, and First Aid.

### **LET 3 (LEADERSHIP EDUCATION AND TRAINING 3)** (1 unit of credit)

Prerequisite: LET 2

Course emphasizes Citizenship and American History and the continuation of Character and Leadership Development, Leadership Theory and Application, Foundations for Success, and Wellness, Fitness, and First Aid. Additional subject matter includes: Geography and Earth Science; Citizenship and American History. Cadets in LET 3 will normally assume the leadership functions of the JROTC Battalion.

### **LET 4 (LEADERSHIP EDUCATION AND TRAINING 4)** (1 unit of credit)

Prerequisite: LET 3

Course emphasizes Citizenship and American History and the continuation of Character and Leadership Development, Leadership Theory and Application, Foundations for Success, and Wellness, Fitness, and First Aid. Additional subject matter includes: Geography and Earth Science; Citizenship and American History. Cadets in LET 4 will normally assume the senior leadership and command functions of the JROTC Battalion.

### **JROTC SPECIAL PROJECTS (Command and Staff Responsibilities)** (1/2 unit of credit)

Prerequisite: Must be a Senior Cadet filling a Command or Staff Position and be approved by the SAI and High School Counselor.

Extra-curricular activities include:

1. Competitive Drill Team – Develops leadership skills, teamwork, self-confidence, and attention to detail.
2. Competitive Air Rifle – Teaches Basic Air Rifle Marksmanship, physical control and mental concentration.
3. Competition Raiders teaches Leadership, Physical Fitness, Teamwork and Problem solving.

The Clinton High School Army JROTC Program requires the Cadet to sign an enrollment contract which outlines Cadet Conduct Expectations.

## ELECTIVES

### **A+ TUTOR MENTORING** (1/2 unit of credit)

Prerequisite: Junior or senior and a cumulative GPA of 2.5 or higher to qualify for the A+ program.

The purpose of this course is to provide students the opportunity to participate in tutoring younger students who need academic assistance. This course allows students to develop their interpersonal skills while practicing problem-solving skills and earning a high school elective credit, plus A+ hour requirement. Students must provide their own transportation to the elementary and middle school buildings.

### **ACT PREP** (1/2 unit of credit)

Prerequisite: Sophomore or Junior and have successfully completed Geometry

This course prepares students for all four portions of the ACT Test – Math, Science, English, and Reading. The students will do a 6 week section of English strategies, a 6 week section of Science strategies, and a 6 week section of Math strategies. Reading strategies will be used throughout each section of the course. Students should plan to take the ACT Test at least one time during the semester. Test fees will be paid by the student.

## VIRTUAL COURSE OFFERINGS

The following courses will be offered through the *Launch* program in a virtual format. Students must be self-driven and able to keep up with the demands of an online course. These can be taken during school hours or above and beyond outside of the student's normal 7 periods. See your counselor if there are other classes of interest that might be available virtually.

Physical Science	Health	Personal Finance	AP Statistics
German I/II	French I/II	Japanese I/II	Spanish I/II
ACT Prep	Physical Fitness	AP Physics	Driver Education
Physical Education I	AP Calculus AB		

## CLINTON TECHNICAL SCHOOL COURSES DESCRIPTIONS

### AGRICULTURAL EDUCATION COURSES

**ANIMAL SCIENCE** (1 unit of credit) ½ unit of Science and ½ unit of Practical Art when completed with Plant Science sequent year.

Prerequisite: Freshman or Sophomore

This class will take an in-depth look at animal classification, animal anatomy and physiology, animal nutrition and health, animal reproduction and genetics, and small animal care and management. In addition, students will discover how scientific principles and modern technologies have affected the animal industry. Career opportunities in the animal sciences will be explored. The class will include classroom, laboratory, and field trip activities. Students successfully completing this course will receive ½ science credit. Students will have the opportunity to join FFA.

**ADV. ANIMAL SCIENCE** (1 unit of credit)

Prerequisite: Animal Science or Plant Science, Junior or Senior.

This class will help students understand the importance of animal production, management, marketing, nutrition, breeding, selection, animal health, waste management, biotechnology. In addition, the importance of keeping production records will be emphasized. Students have the opportunity to join FFA.

**AGRIBUSINESS MANAGEMENT** (1/2 unit of credit)

Prerequisite: Sophomore, Junior, or Senior.

This course combines farm management and agribusiness management content based on agricultural economic principles. Computer applications are included to enhance student understanding and utilization of current technology. Units include human relations, verbal and written communication, microcomputers in agriculture, economic principles, farm planning, and business management. Application of economic principles and business management to the agriculture industry provides the basis for financial success of an agricultural business. Students have the opportunity join FFA.

**AGRIBUSINESS SALES** (1/2 unit of credit)

Prerequisite: Sophomore, Junior, or Senior.

This course is designed to give students the necessary experiences and foundation to secure employment in the agribusiness world. Units of study include human relations, personal inventory, and careers related to the selling, marketing, purchasing, storing, grading, and transporting of supplies and products in the agribusiness industry. Students have the opportunity to join FFA.

**HORTICULTURE I & II** (1 unit of credit)

Prerequisite: Sophomore, Junior, or Senior

Student Organization: FFA

This class emphasizes the fruit and vegetable, and nursery and landscaping aspects of the horticulture industry. Areas of instruction include plant growth and development, sexual and asexual plant growth regulators, soils and growing media, and chemicals and fertilizers. Students will be involved with the horticulture process from production to marketing. Approximately 50% of the time will be spent in “hands on” greenhouse activities. Students have the opportunity to join FFA.

**PLANT SCIENCE** (1 unit of credit) ½ unit of Science and ½ unit of Practical Arts.

Prerequisite: Animal Science

This class will examine plant structures and taxonomy, plant physiology, plant reproduction (including genetic engineering), soils and hydroponics management, and plants as they relate to the food industry. Students will study scientific principles and modern technology, focusing on the effects they have on the plant industry. Additional instruction in agricultural careers, leadership and supervised agricultural experience will be included. The course will provide classroom, laboratory, and greenhouse and field trip experiences. Students who successfully complete the course will receive ½ science credit. Students have the opportunity to join FFA.

## **BUSINESS EDUCATION COURSES**

**ACCOUNTING I** (1 unit of credit)

Prerequisite: Sophomore, Junior or Senior

Accounting I is THE LANGUAGE OF BUSINESS. It will help students understand financial matters in their careers and in their personal lives. Course covers financial accounting for a service business and merchandise business organized as a corporation. Job opportunities in the accounting field are numerous and varied – students may start an accounting career immediately after high school, after specialized training at a 2-year college, or advance to the professional level by earning the Certified Public Accountant (CPA) designation. Students will have the opportunity to join FBLA.

## **ACCOUNTING II** (1 unit of credit)

Prerequisite: Accounting I – Articulated Credit available - see page 8

Accounting II is designed to further the accounting knowledge of those students interested in an accounting career or business emphasis and will include the use of automated accounting programs to expand the textbook offerings. Financial accounting, departmentalized record keeping, cost accounting and managerial accounting will be studied. The job forecast for accounting-related positions is very bright. This course will prepare the student for an entry level career in accounting after high school as well as providing excellent business background for college level studies. Students will have the opportunity to join FBLA.

## **COMPUTER APPLICATIONS** (1 unit of credit)

A hands-on course for any student who plans to use a computer in high school, college, or the business field. Through projects, it explores the advanced features in Microsoft Word, Excel, PowerPoint, and an introduction to Access. Many projects will integrate real-life applications of all software. Students will have the opportunity to join FBLA. Articulated Credit available for this course.

## **COMPUTER SCIENCE PRINCIPLES** (1 unit of credit)

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.

## **INTRODUCTION TO COMPUTER PROGRAMMING** (1/2 unit of credit)

This course teaches the fundamentals of computer programming as well as some advanced features of both the Python and JavaScript language. Students use what they learn in this course to build simple console-based games. Students with no experience but interest should take the class 1st semester. Students with some experience in programming or coding can take the class at any time.

## **INTRODUCTION TO BUSINESS (BADM 101)** (1/2 unit of credit)

Prerequisite: Junior or Senior. ENGL 060 (Foundations of Eng I) with a grade of C or higher or equivalent placement scores.

An introduction to the principles, practices and problems encountered in the general business environment. Emphasis is placed on highlighting the basic functions of accounting, marketing, management, and finance and organizing a business. Dual credit option (3 college credit hours) through State Fair Community College.

## **INTRODUCTION TO LAW** (1/2 unit of credit-Fall Semester)

Prerequisite: Junior or Senior

Introduction to Law is designed to provide a practical understanding of law to make the student a more knowledgeable citizen. It is important to have a basic understanding of the legal system to protect ourselves and to take advantage of the opportunities available to us. The student will apply legal concepts to current issues. It helps to lay a foundation for further study in the legal field and in business. Many guest speakers are incorporated in this course where they highlight their careers and teach specific application of the law. Students will have the opportunity to join FBLA.

### **BUSINESS MANAGEMENT** (1/2 unit of credit-Spring Semester)

Prerequisite: Junior or Senior

This course is designed to provide an understanding of the characteristics of the organization and operation of a business and to aid students who plan a career in the business field or management. The students will receive a solid foundation about what business is, how it operates, and how it is managed. Students will use technology to develop presentation skills, give instructions, interviewing, and creating business documents. An international section includes global trade and communications, economies, and cultures of various countries. Competition in a stock market game provides opportunity to learn buying and selling of stocks. Students will have the opportunity to join FBLA.

### **BUSINESS TECHNOLOGY** (1 unit of credit)

Prerequisite: Must have successfully completed Computer Business Applications.

Course includes activities and information in office administration skills. Students will be introduced to touch operation of 10-key printing calculators, management of paper and computer records, proper business document formatting, and basic office support skills. In addition, students will be introduced to a practical approach to understanding the application of mathematics within the business environment. Course includes activities and information in human relations, personal and professional qualities, decision-making, office supervision, incoming and outgoing mail, minutes, office procedures, work ethics, time management, appearance, record keeping, office organization, personnel management, and demeanor. Students will have the opportunity to join FBLA.

### **MICROCOMPUTER APPLICATIONS (CAPP 125)** (1/2 unit of credit)

Prerequisite: Junior or Senior. ENGL 070 (Foundations of Eng II) with a grade of C or higher or equivalent placement scores. Keyboarding proficiency is recommended.

Learn the operations of personal computers through the use of Microsoft Office Professional software.

Applications include fundamentals of word processing, spreadsheets, database management, and presentations. Includes hands-on instruction in the computer lab. Dual credit option (3 college credit hours) through State Fair Community College.

### **WEB DESIGN** (1/2 unit of credit)

Prerequisite: Sophomore, Junior or Senior

Comprehensive look at the basic tools used for creating successful and practical Web pages through the use of Web design tools. Instruction includes, but is not limited to, learning to code web pages using HTML5, and Cascading Style Sheets (CSS). The use of learning how to create sites both manually and through the use of Website development software will be taught. Course presents knowledge of Web design to prepare students for future courses and the job market. Students will have the opportunity to join FBLA.

### **PHOTOSHOP I** (1/2 unit of credit)

Open to 9-12 Grade Students

Course provides extensive instruction into the creation and manipulation of graphic files through the software package Adobe Photoshop. Course is aimed at the Photoshop beginner who wants to create sophisticated graphics while having fun. Subjects covered will include an overview of the Photoshop window, the toolbox, palettes, and the option bar. Special emphasis on text, layers, and photo treatment and design will also be discussed. Students will have the opportunity to join FBLA.

### **PHOTOSHOP II** (1/2 unit of credit)

Prerequisite: Photoshop I

In this course students will reinforce fundamentals and introduce more advanced features of Adobe Photoshop Creative Cloud using student-focused exercises, be exposed to image editing and graphic design fundamentals, develop an exercise-oriented approach that promotes learning by doing.

Students will have the opportunity to join FBLA.

### **GRAPHIC DESIGN I** (1/2 unit of credit)

Prerequisite: Sophomore, Junior or Senior. It is suggested students take Introduction to Photoshop first, but not required.

Students will be exposed to proper layout and design techniques. Also gain valuable skills in image scanning, manipulation, and merging text and graphics. Students will have the opportunity to create properly designed print and digital publications such as advertisements, flyers, business cards, menus, calendars, and elements of a magazine. Students will have exposure to a professional publishing software. Students will have the opportunity to join FBLA.

### **GRAPHIC DESIGN II** (1 unit of credit)

Prerequisite: Must have successfully completed GRAPHIC DESIGN I.

In this course during the first semester the course provides extensive instruction into the creation of graphic files through simple graphics, icons and text to complex and multilayered illustrations. During second semester, students will develop and improve skill with graphic design principles, creative and expressive typography, page layout, and digital image manipulation through the completion of both print and multimedia based assignments. Students will have the opportunity to join FBLA.

### **BUSINESS INTERNSHIP** (2 or more units of business credit - Administrative approval required for all offerings above 3 hours or below 2)

Prerequisite: Seniors who have successfully completed (2) credits of business. Must also be concurrently enrolled in another business course.

This course is applicable to college bound and non-college bound students seeking to understand and apply job skills and work ethics. Students must have an agreement with an approved employer to attend work daily during the assigned Business Internship hours, maintain their job throughout the course, and follow all accountability measures highlighted in the CTS Internship Handbook. Students are encouraged to join FBLA – Future Business Leaders of America.

## **MARKETING EDUCATION COURSES**

### **INTRODUCTION TO MARKETING** (1 unit of credit)

This course is designed to introduce students to areas in marketing and marketing related occupations. We will explore the different functions of marketing, including: Social Media, Advertising, Pricing, Promotion, Service Management, and Distribution. We will also be exploring the various careers you can use your marketing knowledge and experience in as well as how all this ties into the economy. Involvement in DECA is highly encouraged in the course.

**ADVANCED MARKETING** (1 unit of credit) Articulated Credit available - see page 8

Prerequisite: Sophomore, Junior or Senior; Intro to Marketing with a C or above

This course is designed for any student with an interest in a career in marketing or business and will build on previous experiences from the Introduction to Marketing course. It is designed to further the student's knowledge areas in marketing and marketing related occupations. We will explore the function of distribution, financing, and product service management while expanding study in the functions explored in the introduction class. The class will allow you to explore the field of marketing at a different level and will focus on application to "real life" situations. Involvement in DECA is highly encourage in the course.

**SPORTS AND ENTERTAINMENT MARKETING** (1/2 unit of credit)

Prerequisite: Junior, Senior and Introduction to Marketing and Advanced Marketing with a C or better.

This course will help students develop a thorough understanding of the marketing concepts and theories that apply to advertising, sports, sporting events, and the entertainment industry. The areas this course will cover include advertising perspectives and strategies, basic marketing, target marketing and segmentation, sponsorship, event marketing, promotions, sponsorship proposals, and sports marketing plans. Students are encouraged to participate in DECA- an Association of Marketing Students.

**ADVERTISING** (1/2 unit of credit)

Prerequisite: Junior or Senior and Intro to Marketing and Advanced Marketing with a C or better

Promotion is one of the main functions of marketing. The heart of promotion is Advertising! In this class we will explore all areas of promotion with a main focus on advertising and all the elements involved. Because advertising is one of the most important areas of promotion and marketing, millions of dollars are spent annually by businesses and organizations to communicate to the public about their products through different forms of media. We will do this through study, research, experience and exploration. You will also have the opportunity to work with local business owners on window displays and other promotional issues. Involvement in DECA is highly encouraged in the course.

**ENTREPRENEURSHIP** (1/2 unit of credit)

Prerequisite: Junior or Senior and Intro to Marketing and Advanced Marketing with a C or better

An instructional program that provides a background for the development and operation of a business starting with the role of the entrepreneur in our economy to development a business plan and the application of specific marketing skills and concepts within the business environment. Instruction in this area prepares students to understand how to organize and operate a business. All students can benefit from an understanding of and appreciation for entrepreneurship and its role in the enterprise system. This course is designed to provide students with the fundamental knowledge needed for organizing, developing, and implementing a business concern within the private free enterprise system. Topics will include learning the advantages and disadvantages of owning a business, preparing a business plan, choosing a location, securing a loan, determining organizational structure, and promoting a business. Involvement in DECA is highly encourage in the course.

**MARKETING INTERNSHIP** (2 or more units of marketing credit - Administrative approval required for all offerings above 3 hours)

Prerequisite: Seniors who have successfully completed (2) Marketing credits. Must also be consecutively enrolled in another marketing course.

This course is applicable to college bound and non-college bound students seeking to understand and apply job skills and work ethics. Students must have an agreement with an approved employer to attend work daily during the assigned Marketing Internship hours, maintain their job throughout the course, and follow all accountability measures highlighted in the CTS Internship Handbook. Students are encouraged to join DECA – An Association of Marketing Students.



## **STORE OPERATIONS/RETAILING** (1 unit of credit)

Prerequisite: Junior or Senior and have taken a marketing class with instructor approval.

The course will teach students how a convenience service business will operate including health and safety, communications, human relations, inventory control, money management, purchasing and record systems.

This course will help students who:

1. Are interested in taking more Marketing-related courses at the high school level.
2. Are interested in studying Marketing and Business Management at the post-secondary level.
3. Are interested in working in the Marketing, merchandising and Management career fields

## **INDUSTRIAL/ENGINEERING TECHNOLOGY/HEALTH SERVICES**

### **AUTOMOTIVE TECHNOLOGY I/II** (3 units of credit) Articulated Credit & Dual Credit available see pg 8

Prerequisite: Junior or Senior\*

This course includes an introduction to the automotive engine and chassis design, fuel systems, engine lubrication, automotive electricity, clutch, brake, transmission, and wheel suspension systems. Students will learn by studying the theory and by hands-on experiences. In addition, students will learn the proper use, care and cleaning of tools, equipment and shop safety. The instruction, course of study, facilities, and equipment of this program have been evaluated and certified by the National Automotive Technicians Education Foundation (NATEF) in the following areas: brakes, suspension and steering, electrical/electronic systems, engine performance, and engine repair. This prepares students for the Automotive Service Excellence (ASE) Certification exams. During the second year, students will expand on the skills and fundamentals they learned in Auto Technology I. This course is for individuals who wish to become an automotive technician or work in an automotive related occupation. Students need a good understanding of basic math, applied science, computers, and communication skills to succeed in this highly technical career. Students will have the opportunity to join SkillsUSA.

### **BUILDING TRADES I/II** (3 units of credit) Articulated Credit & Dual Credit available - see page 8

Prerequisite: Junior or Senior\*

The Building Trades program is designed for students who want to work in the construction field. Students need to have a good understanding of mathematical skills. Students receive training in rough framing, roofing, finishing work, drywall applications, concrete finishing, painting, plumbing, and the operation of a skid steer loader. Students will be involved in the actual construction of a residential home. Building Trades is a two-year program of study offering three high school credits per year. Credit for this program can be articulated to community college programs. This program is accredited by the Association of General Contractors (AGC). Students will have the opportunity to join SkillsUSA.

### **COMPUTER NETWORKING & CYBERSECURITY I** (3 units of credit) Articulated Credit & Dual Credit available - see page 8 Prerequisite: Junior or Senior\*

This course introduces the architecture, structure, functions, components and models of the Internet and other computer networks and computer hardware, operating systems, and troubleshooting. It uses the OSI and TCP/IP layered models to examine the roles of protocols and services. This includes the principles and structure of IP addressing, LAN and WAN specifications, and network management, which provide a foundation for the course. Hands-on and simulation-based activities in this course assist with the configuration, operation, and troubleshooting of routers and switches in a small to medium sized internetwork. This course also provides a comprehensive, theoretical, and practical approach to learning the technologies and protocols needed to design, implement, and secure enterprise and wide area networks. This includes functionality, configuration, and troubleshooting of inter-VLAN routing, VLANs, WLANs as well as wide area networking technologies. This course prepares the student for the Cisco Certified Entry Network Technician (CCENT) certification exam. Students will have the opportunity to join SkillsUSA.

**COMPUTER NETWORKING & CYBERSECURITY II** (3 units of credit) Articulated Credit & Dual Credit available - see page 8

Prerequisite: Senior, completion of Computer Networking & Cybersecurity I

This class will further the knowledge learned in the first year. Cyber security and CCNA Cyber Ops certification will be the focus of this class. Students will explore advanced areas like cryptography, malware analysis, and digital forensics. Students in the course will examine, design and implement security rules and policies that govern corporate networks. Students will learn about ethical hacking and penetration testing networks to find security flaws, how to document security breaches, and respond to security events in real-time. Students will have the opportunity to join SkillsUSA.

**HEALTH OCCUPATIONS I** (3 units of credit) Articulated Credit available - see page 8

Prerequisite: Junior or Senior\*

Health Occupations is a course designed to provide a solid foundation for anyone going into the Healthcare field. It is divided into classroom, laboratory, and clinical experiences. Students spend most of the first semester gaining knowledge in Ethical, Legal and Moral issues, Confidentiality, Human Anatomy and Physiology, and Cardiopulmonary Resuscitation. CPR certification, including Basic Life Support for Healthcare Providers, AED and First Aid are also available. Basic skills in the curriculum include: vital signs, sterile technique, infection control, oxygen therapy, disease processes, and personal hygiene care. The second semester the students have the opportunity to experience many areas of the healthcare field. Clinical sites include: All departments at Golden Valley Memorial Hospital, Moreland Day Care, Vansant-Mills Funeral Home, and Golden Living Center. Each spring, students, if eligible, are able to take a certification exam to become a Certified Nursing Assistant, (CNA). Credit for the Health Occupations program can be articulated to many community college programs. Background screening is required for the Health Occupations program. Students will have the opportunity to join SkillsUSA.

**HEALTH OCCUPATIONS INTERNSHIP** (2 or 3 credits)

Prerequisite: Health Occupations I and Instructor's Approval

Health Occupations Internship is designed to utilize knowledge, skill and professional attitudes to continue exploration in a health career. Students will be placed in a clinical setting during this one year course. This class will provide students with an opportunity to develop job skills related to their desired health care career or be used to continue their education in the healthcare field. Students will identify the physical, emotional, spiritual needs of patients as well as families and demonstrate the ability to meet these needs on a health care assistant or CNA level. Students will exhibit behavior which indicates an attitude of respect for patients, their families, co-workers, and fellow citizens. Professionalism in work ethics, attitudes, behavior and appearance are required to be considered for this class.

**MACHINE TOOL TECHNOLOGY I/II** (3 units of credit) Articulated Credit & Dual Credit available - see page 8

Prerequisite: Junior or Senior\*

In Machine Tool Technology, students will learn a practical skill in a hands-on environment. Integrating science, math, and technology to operate various machines, students can master the ability to make literally ANYTHING! Students will learn to operate the lathe, which works on the principle of a piece of work rotating into a cutter, for shaping round stock. The mill works on the principle of a multi-toothed cutter rotating into a piece of work, and students will learn how to operate it to make flat surfaces. The Computer Numerical Controlled (CNC) lathe, involves students inputting a program in a special language, a G-Code, into a computer which in turn will "tell" the machine how to make specific projects. In addition, students will be introduced to the world of robotics, the branch of technology that deals with the design, construction, operation, structural disposition, manufacture and application of robots. These days, robotics and intelligent systems are found

everywhere-in smart cars, smart phones, healthcare technology, internet search engines, automated security systems, and in all phases of the shipping industry. As future innovators, students need to know how to use them and how they operate. Successful graduates of this class can go right to the workforce, or they can choose to further their education at colleges and technical schools as they pursue degrees in Machine Tool Technology and other related fields such as science and engineering. Students will have the opportunity to join SkillsUSA.

**WELDING I/II** (3 units of credit) Articulated Credit available - see page 8

Prerequisite: Junior or Senior\*

Bridges, buildings, aircraft, and automobiles cannot be built without welders. Joining the metal pieces together by heating them is a basis of welding. This course will introduce students to all aspects of the welding industry. Students will weld steel plate utilizing Arc Welding, Gas Welding, TIG, and MIG Welding. This class offers instructional welding and small and large project construction. Successful graduates of this program are ready for the workforce or may choose to further their education in welding or related fields. Students will have the opportunity to join SkillsUSA.

## ADDITIONAL LEARNING OPPORTUNITIES

### **JOB SHADOWING**

Job Shadowing gives students the opportunity to “shadow” an employer that does the kind of work they may be interested in as a possible career. By participating in this program students will be better informed regarding those career choices. Job Shadowing is offered through our Clinton Technical School in the spring semester.

### **CLUBS & ORGANIZATIONS**

**NATIONAL FFA ORGANIZATION** - The Clinton FFA Chapter is an organization for students enrolled in agriculture classes at the Clinton Technical School. FFA provides leadership, educational, and recreational activities for all members in grades 9-12. The local chapter promotes agriculture with both a career and consumer approach. There are several award opportunities for FFA members on the local, state, and national levels.

**DRAMA CLUB**- The Clinton Theatre Department along with Drama Club presents mainstage productions in the Performing Arts Center. The productions encompass both on-stage and off-stage experiences. Through numerous hours of preparation, a strong camaraderie is formed between students. There is a place for all students in Drama Club.

Opportunities to serve and perform for the Clinton community are also unique and fun possibilities.

**STUDENT COUNCIL** - The Clinton Student Council is an organization, which enables students to have an active part in planning and carrying out activities of the school. The council serves in an advisory capacity, and as a sponsor in many of the affairs, which concern students.

**CLASS ORGANIZATIONS** - Each class elects class officers who conduct class meetings and carry on the business of the class.

**ART CLUB** - This organization is formed from students interested in developing their artistic talents.

**DECA** – Students enrolled in any marketing class have the opportunity to join DECA, one of the nation’s most active youth organizations. DECA is the only national youth organization designed to promote careers in marketing. DECA members learn how to be good leaders and followers through chapter activities, which include social, civic, leadership, and professional interactions designed to make students more aware of their importance to the chapter and to the field of marketing. Included in these activities are district, state, and international competitions, which showcase student’s skills in the area of their chosen careers.

**EPSILON BETA (Episcopi Tes Bibliothèques: Keepers of the Library)**

This is a statewide organization which is sponsored by MASL, Missouri Association of School Librarians. Epsilon Beta is a club for high school students interested in the library. The first Epsilon Beta Club was started in 1931. Chapters engage in a variety of activities which promote the library and the love of reading. Epsilon Beta provides students with an opportunity for social gatherings to discuss many types of popular works that are in the “now”. Students are encouraged to join regardless of their favorite genre and their favorite mode of literacy.

**FAMILY, CAREER AND COMMUNITY LEADERS OF AMERICA (FCCLA)** - This is a dynamic national student organization that helps young men and women become leaders and address important personal, family, work and social issues through Family and Consumer Sciences education. Chapter projects focus on a variety of youth concerns, including teen pregnancy, parenting, family relationships, substance abuse, peer pressure, environment, nutrition and fitness, teen violence and career exploration. Involvement in FCCLA offers members the opportunity to expand their leadership potential and develop skills for life – planning, goal setting, problem solving, decision making and interpersonal communication – necessary in the home and workplace.

**FBLA (FUTURE BUSINESS LEADERS OF AMERICA)** is the premier organization for students preparing for careers in business. It is the largest student business organization in the world with over 250,000 members. Members gain the competitive edge for college and career success. The Clinton FBLA chapter has a fine reputation for being a strong competitive team in a variety of different areas. To be eligible to join Clinton FBLA students must be in a business course the first year they join.

**FELLOWSHIP OF CHRISTIAN ATHLETES (FCA)** – FCA is a student led Christian sports organization focusing on serving the local community and empowering and encouraging students in their faith.

**NATIONAL HONOR SOCIETY** – This is the nation’s premier organization established to recognize outstanding high school students. More than just an honor roll, NHS serves to honor those students who have demonstrated excellence in the areas of Scholarship, Leadership, Service, and Character. Student applications will be delivered to students who are academically eligible after the first semester of their sophomore, junior or senior year.

**PUBLICATIONS** – CHS has three student publications:

1. CHS Yearbook - Students design, write, take photos for, and publish the CHS yearbook. Desktop publishing and photography are the major skills learned.
2. WILDCARD - Students write stories, take pictures, design pages and submit the school newspaper.
3. CARD-TV - Students produce the school newscast, CARD-TV. Students are the writers, anchors, producers, and crew. They learn to use the video camera, interview sources, edit film on Adobe Premiere Pro and more.

**QUIZ BOWL** - This activity provides students with an opportunity to compete academically with other schools. Students should contact the faculty sponsor for details.

**SPANISH CLUB** - This organization is open to students who are interested in all areas of foreign language.

**SKILLS USA** – SkillsUSA is an applied method for preparing America’s high performance workers in public career and technical programs. It provides quality educational experiences for students in leadership, teamwork, citizenship, and character development. It builds and reinforces self-confidence, work attitudes, and communications skills. It emphasizes total quality at work: high ethical standards, superior work skills, lifelong education, and pride in the dignity of work. SkillsUSA also promotes understanding of the free enterprise system and involvement in community service. SkillsUSA has more than 245,000 student members annually, organized into nearly 13,000 chapters.

**JUNIOR RESERVE OFFICERS’ TRAINING CORPS (JROTC)** - JROTC offers the opportunity for enrolled cadets to participate in special activities including color guard, marksmanship, drill, and endurance athletics teams. The focus of JROTC is the development of leadership potential and the promotion of citizenship. Educational and recreational activities are provided through JROTC for cadets in grades 9 - 12. Additionally, the JROTC awards program extends to these activities offering recognition from local and national civic organizations and scholarship opportunities as well as school recognition. See page 26 for courses and descriptions.

**SPEECH/DEBATE** - Also known as “Drama on Wheels”. The students have the opportunity to prepare and compete in a variety of different events such as children’s storytelling to radio speaking to Lincoln-Douglas style debate. The team travels around to different area schools to compete in their events. There are competitions at the local, district, and statewide level.

## **ASSESSMENTS**

Standardized tests are designed to give a common measure of students' performance. They help compare an individual's performance with the performance of a group of students from a given class, school, or school system. Since large numbers of students throughout the country take the same test, "standards" can be developed to show whether school programs are succeeding and how students are performing. Standardized achievement tests measure how much students have already learned about school subjects such as reading, math, language skills, spelling, or science. On the other hand, standardized aptitude tests measure your students ability to learn in school. They measure verbal ability, mechanical ability, creativity, clerical ability, or abstract reasoning.

### **PreACT**

The PreACT is a test given to students their freshman and sophomore years to prepare them for the ACT. This test is 3 hours and 30 minutes in length and tests them over English, Math, Reading, and Science. This test provides good feedback on students’ academic strengths and weaknesses as well as gives them a predictive score of how they may perform on the ACT.

### **PSAT/NMSQT (Preliminary Scholastic Aptitude Test/National Merit Scholarship Qualifying Test)**

The PSAT/NMSQT measures verbal and mathematics reasoning skills important for academic success in college. It serves three purposes: gives the student practice for the SAT I; is the first step in qualifying for scholarships sponsored by the National Merit Scholarship Corporation and other scholarship programs; gives the student the opportunity to participate in the Student Search Service. This test is taken in the junior year for NMSQT qualification.

**ASVAB (The Armed Services Vocational Aptitude Battery)**

The ASVAB measures students' strengths and potential for future success. The ASVAB also provides career information for various civilian and military occupations and is an indicator for success in future endeavors including college, vocational school, or a military career.

**ACT (American College Testing Program)**

The ACT is a battery of four examinations in English, math, reading, and science reasoning, each of which yield separate scores measuring developed abilities. The test is required by many colleges as part of the application process for admission.

**SAT I (Scholastic Aptitude Test)** SAT I is a test used to predict student performance in college. Required by some schools as part of the application process, this three-hour test has two main sections—verbal and math

**ACCUPlacer** is a set of untimed computer adaptive tests created by the American College Test (ACT) Program. Colleges give the *ACCUPlacer* test to incoming students in order to decide which classes they should take. The ACCUPlacer test is also used to identify problem areas students might have so the university can offer extra help, support, or resources in order to ensure students are successful academically in their post-secondary education. Test takers receive their ACCUPlacer testing scores and a report as soon as they complete the test. This test is often used when enrolling in dual credit classes and community college courses.

## **A+ Student Letter of Intent**

### **To participate in the Missouri A+ Scholarship Program**

I, \_\_\_\_\_, grade \_\_\_\_\_, have been fully informed of the conditions of eligibility for the A+ Student Financial Incentives in accordance with the A+ School of **Clinton High School**. I understand that in order to qualify for eligibility for financial incentives by the State of Missouri A+ schools program I must agree to accomplish all of the following:

- Be a U.S. citizen, permanent resident, or lawfully present in the U.S
- Enter into a written agreement with your high school prior to graduation
- Attend a designated A+ high school for 3 consecutive years immediately prior to graduation
- Graduate with an overall grade point average of 2.5 or higher on a 4.0 scale
- Have at least 95% attendance record overall for grades 9-12
- Perform at least 50 hours of unpaid tutoring or mentoring, of which up to 25% may include job shadowing
- Maintain a record of good citizenship and avoid the unlawful use of drugs and/or alcohol
- Have achieved a score of proficient or advanced on the Algebra I end of course exam and/or any other requirements set forth by the Missouri Department of Secondary and Elementary Education

Further, to maintain eligibility after graduation, I understand that I must accomplish the following:

1. Attend on a full time basis a Missouri public community college, vocational, or technical post-secondary institution; and
2. Maintain a grade point average of 2.5 (C+) or higher.

**This agreement only signifies that it is my intent to meet or exceed the above noted eligibility criteria that will allow me to participate in the A+ Scholarship Program. I further understand that if I should successfully meet the criteria, the State of Missouri will provide for the reimbursement of up to 50% of the cost of books, tuition, and general fees to any public community college, vocational, or technical school provided that state funds are appropriated by the Missouri Legislature and the Clinton School District is awarded the A+ status.**

\_\_\_\_\_  
Student    Date

\_\_\_\_\_  
Counselor    Date

\_\_\_\_\_  
Parent/Guardian                                  Date

\_\_\_\_\_  
Principal    Date

I do not wish to participate:

\_\_\_\_\_  
Parent/Guardian                                  Date