

Cassville High School Course Description Guide



2021-2022

CASSVILLE HIGH SCHOOL

The information in the course description guide is provided to assist students as they make plans that will hopefully lead to a rewarding and enjoyable future. This guide has been designed to acquaint students with the many choices available at Cassville High School. Students begin during the spring of their 8th grade year to develop a plan of study that meets the needs of students' interests, abilities and goals, as well as to prepare students for future career aspirations. Each spring, CHS students are asked to adjust their plan of study with help and advice from both parents and the student's advisor.

Parental involvement is critical to the success of a student's plan of study. It is the responsibility of each student to become familiar with the courses that are available, as well as the requirements for graduation. Students are asked to share this information with their parents and together to come up with a class schedule for the coming year that will enable students to meet future goals. ACES advisors, as well as the counseling staff and other faculty and administration at CHS, will strive to provide positive assistance to the students and parents throughout this process. One of the primary goals of the ACES program is the continued development of a positive communication link between home and school. We feel that by connecting the communication bridge between parents and school staff, we can increase student success for the future.

We challenge students to set high standards for themselves and to select courses that will help them meet their future goals. Students are also encouraged to maintain consistent attendance and to work diligently on a daily basis to reach their goals, all of which relates to success throughout their high school career.

Cassville High School Mission Statement

The faculty and staff at Cassville High School will empower all students to reach their potential as productive citizens.

Graduation for every student; Success for every graduate

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PROGRAMS LEADING TO ACADEMIC EXCELLENCE

ACADEMIC LETTERS

(The list of “Non-Academic” classes is subject to change)

To earn an academic letter a student must have a 3.5 or above GPA and no D or F at the end of the semester in all academic subjects based on first semester grades. They must be attending a minimum of seven (7) classes per day, four (4) of which must be academic classes, during both semesters of the qualifying school year. Non academic classes for which grades will not be included follow: A+ Tutoring, ESL classes, SFS, FLEX, MO Options, Office/Teacher/Library Aides, all P.E. classes, Supervised Business Experience, Supervised Agricultural Experience Co-op, Computer Practicum, and other specific courses *(Principal will determine)*.

ACES (ADVISEMENT FOR CAREER AND EDUCATIONAL SUCCESS)

Each student is assigned a teacher advisor within the ACES program. ACES advisors are there to provide assistance for students with potential questions and problems that might arise during the school year. Parents are encouraged to utilize the ACES advisor as another contact person for effective communication between home and school. Help in student scheduling is also provided within ACES sessions.

ADVANCED PLACEMENT CREDIT

Students enrolled in Advanced Placement (AP) courses have the option to take the College Board AP examination for which the course prepared them. The College Board AP Exam is given each May at Cassville High School. If the student passes the College Board Exam with a satisfactory score, he/she may earn credit in advance from most U.S. colleges and universities. The fee for each test varies.

COLLEGE VISITS

Seniors are allowed two college visits during their senior year and juniors are allowed one college visit. Students must bring back some form of verification from the college/university visited to have the absence excused by the office. Counselors can help to schedule visits.

CREDIT RECOVERY/NIGHT SCHOOL

Credit recovery opportunities are available each semester to recover credit lost due to excessive absences or as a result of failing a class. Credit recovery must be completed the semester immediately following the loss of credits. Loss of credit during 1st semester must be recovered during 2nd semester or summer school. Loss of credit during 2nd semester must be recovered during the summer or during 1st semester of following school year.

DUAL CREDIT

Dual credit courses are available through Crowder College, Drury University, Missouri Southern State University, and Missouri State University. Dual credit means that both high school and college credits are received. CHS will award one-half unit of high school credits per semester. *These courses have fees which are the responsibility of the student.* Refer to the course description for specific prerequisites for enrollment.

DUAL ENROLLMENT

Dual enrollment courses are available through Crowder College. CHS will award 1/2 unit of high school credit per semester for dual enrollment courses. Students taking dual enrollment classes outside of the school day who are awarded college credit receive 1/2 unit of high school credit and a pass grade only. *These courses have fees which are the responsibility of the student.*

ICAP

The Individual Career & Academic Plan (ICAP) is a plan of study to guide students through the coursework and activities for achieving personal career goals, post-secondary planning and providing individual pathway options. An ICAP is a multi-year process, beginning no later than the eighth grade, that intentionally guides students and families in the exploration of career, academic and multiple post-secondary opportunities to include direct access to the workforce, military, tech school/area career center, vocational training (apprenticeship), 2-year college and 4-year college. An ICAP is a “roadmap” to help students develop the awareness, knowledge, attitudes, and skills to create their own meaningful pathways to be success ready graduates.

VIRTUAL INSTRUCTION

The district may offer instruction through district-sponsored virtual courses and will approve students to take virtual courses through the Missouri Course Assess Program (MOCAP) in accordance with policy IGCD and law.

EARLY GRADUATION

Students who wish to graduate early must submit an application to the principal.

SUMMER SCHOOL

Cassville High School offers summer school classes for high school students. Students taking summer school for credit acquisition can earn up to one full credit.

TESTING

ACT -This college entrance exam is available for all students but is recommended for juniors and seniors. Students may retest as often as they choose. The test is administered at various sites throughout the area in September, October, December, February, April, and June. ***The October and February tests are administered at Cassville High School.*** Application information and testing schedules are available in the Counseling Office or at act.org. ***Test fees are the responsibility of the student. ACT scores are used for dual credit enrollment.*** Junior/senior students who qualify for free/reduced lunch also receive two ACT fee waivers during the course of their last two years of high school.

ASVAB -ASVAB is an interest inventory and aptitude battery administered to all juniors during the fall semester. This aptitude battery is a valuable tool for students to help them determine areas of strengths or interests. This test is funded by the military but is not a recruitment program.

PSAT -PSAT test is for sophomore and junior students and is a practice college entrance exam. For juniors it is a qualifying test for the National Merit Scholarship Qualifying Test (NMQST). The PSAT is a pre-SAT exam and is administered in October. Additional information is available through the Counseling Office. Sophomores may test for practice and/or Missouri Scholars Academy consideration. ***Test fees are the responsibility of the student.***

SAT -This is a college entrance exam available to juniors and seniors. Students may retest as often as they choose. This test may be required by Ivy League colleges/universities and many other out-of-state colleges/ universities. Application information and testing schedules are available in the Counseling Office. ***Test fees are the responsibility of the student.***

TUTORING

Should a student be in need of tutoring assistance at any time during the school year, several options are available. A mandatory tutoring program is also built into the regular daily schedule (4 times per week) for all students with D's and F's during the school year. Students should inquire in the Counseling Office for more information.

A + SCHOOLS PROGRAM

The education of all students is important, regardless of their plans following high school. The A+ Schools Program is designed to ensure that no matter what a student's career goals, all Cassville High students will be provided selections of courses, career counseling, technology, and/or workplace skill development opportunities that are appropriate for them to achieve success.

The three major goals of the A+ Schools Program are the following:

- All students will graduate from high school
- All students complete a selection of high school studies that is challenging and for which there are identified learning expectations
- All students proceed from high school graduation to a college, post-secondary vocational or technical school, or high-wage job with workplace skill development opportunities

According to the U.S. Department of Labor, more and more of our nation's jobs will require technical skills. The A+ Schools Program encourages all students to focus on a career goal that requires training beyond high school. Students are asked to complete an Individual Career & Academic Plan (ICAP) for all four years of high school. Students always have the option to modify or change their career goal and course of studies.

Cassville High School was officially designated as an A+ School in April, 1999, and offers financial incentives to students who meet the following criteria:

- Be a United States citizen, eligible non-citizen, or lawfully present in the United States
- Attend a designated A+ School for three consecutive years immediately prior to graduation
- Earn a 2.5 average or higher cumulative GPA upon graduation (based on an 4-point scale)
- Average at least 95% attendance during high school
- Perform 50 hours of unpaid school-based tutoring/mentoring
- Maintain a record of good citizenship and avoid the unlawful use of drugs and alcohol
- Complete Free Application for Federal Student Aid (FAFSA) form
- Enter into a written agreement with the school prior to January 15 of their graduating year
- Students must have achieved a score of proficient or advanced on the Algebra 1 End Of Course testing
- Register for Selective Service (all male students 18 years and older)

By meeting these requirements, students may receive reimbursement for tuition for two years at any Missouri public junior college, community college, and most vocational-technical schools ****Full tuition reimbursement is contingent upon state funding and may be decreased or removed at any time.*** ***Tuition reimbursement is not the responsibility of the Cassville School District.*** Contact the Counseling Office with any questions.

A+ CITIZENSHIP POLICY (Revised 9/17/09)

Participation in the A+ schools financial assistance program is an honor and a privilege. The A+ Schools Program encourages students to maintain a "record of good citizenship" at school and away from school and to develop behaviors that will help them become productive, successful citizens. It is expected that students will exhibit standards of behavior that will bring credit to them, the A+ Schools Program, Cassville R-IV Schools, and the Cassville community. The primary goal of education is the development of individuals who possess the skills, knowledge, and characteristics to empower them to live meaningful lives and to make positive contributions to society. To qualify for the A+ financial incentive, a student's behavior shall be in compliance with Cassville Board of Education policies, the Cassville High School guidelines on student discipline as outlined in the student handbook, the A+ School guidelines, the Safe Schools Act, and state and local regulations and laws.

SCHEDULING INFORMATION

ICAP REVIEW

Each year students are asked to review and update their Individual Career & Academic Plan (ICAP) prior to scheduling classes for the upcoming year. The ICAP is a plan of study to guide students through the coursework and activities for achieving personal career goals, post-secondary planning and providing individual pathway options. The ICAP intentionally guides students and families in the exploration of career, academic and multiple post-secondary opportunities to include direct access to the workforce, military, tech school/area career center, vocational training (apprenticeship), 2-year college and 4-year college.

SCHEDULING CLASSES

1. Students review and update their ICAP and the course description guide.
2. Students prepare their course requests.
3. The parent/guardian reviews and approves the course requests.
4. Students submit their course requests to the Counseling Office.
5. Students receive their schedule prior to the beginning of the following school year.

FREQUENTLY ASKED QUESTIONS. . .

May I repeat a course for graduation credits?

An academic course completed with a passing grade cannot be repeated for credit. However, some electives can be repeated such as Band, Choir, Physical Education, etc.

May I be a part-time student?

All students are expected to be enrolled in 7 classes per semester. Exceptions may be given for students by permission of the principal. **Students participating in MSHSAA sanctioned activities must enroll in 6 credit classes (3.0 credits per semester).**

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

Credits are earned by the semester (1/2 credit per semester). If you fail a semester of a required course you need to repeat the failed semester until you pass that semester of the course, or complete the course through the credit recovery program. Credit recovery enables you to regain credit during the following semester without having to repeat the entire course.

Can I withdraw from a class before the end of the semester?

You must complete classes in which you are enrolled. If you transfer to another school, current grades/transcripts are sent to the new school after books, fines, and charges are settled.

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

Schedule changes are limited to the first week of each semester.

How many credits are required to graduate from Cassville High School?

You must earn 25 credits and have earned the appropriate number of credits in each of the required areas of graduation requirements. **You may participate in the graduation ceremony only after all credits are earned.** Students short any credits may not participate in the ceremony or other graduation activities.

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

Yes. Any 8th grade student (including Shell Knob) who completes Algebra I successfully in middle school may progress to the next course in sequence and receive high school credit if two of the following criteria are met:

- Students must have a grade average of 80% or higher
- Students must pass the Algebra I final assessment in the Spring
- Algebra I teacher recommendation

CASSVILLE HIGH SCHOOL GRADUATION REQUIREMENTS

In order to graduate from Cassville High School, students must meet all of the Cassville R-IV School District's and the Missouri State Board of Education's requirements. In addition to earning the required 25 units of credit and passing the specifically outlined required classes, graduates must pass both the U.S. and Missouri Constitution tests, CPR training, and citizenship test. Specific requirements are as follows:

Cassville High School Required Classes	Credits Required for ALL Cassville High School Students	Credits Required for Summa Cum Laude Graduation Honors
Communication Arts Comm. Arts I, II, College Prep Comm. Arts III or Professional Comm. Arts III are required of all students. Fourth year may consist of College Prep Comm. Arts IV, Professional Comm. IV, AP Literature & Composition, SRTC Embedded Comm. Arts, Speech/Public Speaking, Debate, Creative Writing, Dual Enrollment English 101, Dual Enrollment English 102	4	4
Mathematics	3	3
Science Physical Science, Biology I, and Chemistry I/Geology I are required of all students.	3	3
Social Studies Civics, World History, Government, American History are required of all students.	3	3
Fine Arts	1	1
Practical Arts Includes .5 credit of Personal Finance	2	2
Physical Education	1	1
Health	.5	.5
Electives	7.5	6.5
Specified Core Electives Includes foreign language classes and other Core area electives.	0	3
TOTAL	25	27

GRADUATION CEREMONY AND ACTIVITIES

Seniors must have completed ALL graduation requirements to participate in the graduation ceremony and related activities. **All credit recovery and Missouri/U.S. Constitution tests, CPR training, and citizenship tests must be completed to ensure that a student will be eligible for graduation ceremony/activities. All obligations must be paid in full to receive a diploma.**

CLASSIFICATION BY CREDITS

Students must have earned the following number of credits for grade level classification by the beginning of each school year. Credits will be reviewed at the end of the semester for students who had been previously reclassified to determine if their grade level should change. **Activities that require a student to be a junior or senior will not be open to students not classified as such.**

- Sophomore - 5 credits
- Junior - 11 credits
- Senior - 18 credits

COLLEGE DIVISION I AND II NCAA/NAIA INITIAL ELIGIBILITY CLEARINGHOUSE

NCAA ACADEMIC REQUIREMENTS

- NCAA Division I and II require **16 core courses**.
 - Ten (10) core courses completed before the seventh semester; seven (7) of the ten (10) must be in English, math, or science
- Division I has a sliding scale for test score and grade-point average. The sliding scale for those requirements may be found at ncaa.org.
 - The ACT score used for NCAA purposes is a sum of the four sections on the ACT: English, mathematics, reading, and science.
 - **The ACT scores must be reported directly to the NCAA Eligibility Center by the testing agency.** When registering for the ACT, **use the Eligibility Center code of 9999** to ensure the score is reported to the Eligibility Center. Test scores that appear on transcripts will not be used.
- Only core courses are used in the calculation of the grade-point average.
 - ***Note: Some classes offered at Cassville High School do not meet certification requirements.***

NAIA ACADEMIC REQUIREMENTS

- For freshman eligibility in any sport, a student must meet two out of three of the following requirements:
 - 18 or higher ACT composite score
 - Graduate in the top 50% of your high school graduating class
 - 2.000 grade-point average on a 4.000 scale
- ***Note: Colleges may add to these requirements***

CUM LAUDE SYSTEM

The cum laude system will recognize academic excellence at graduation with the following GPA standards for levels of achievement and recognition as outlined below.

The cum laude honors designation will be announced prior to commencement with recognition of the honor student. In addition, the Cum Laude honor will be designated on the diploma and specific honor cords or medals will be worn during the ceremony signifying the Cum Laude level achieved.

VALEDICTORIAN / SALUTATORIAN / SUMMA CUM LAUDE REQUIREMENTS

Valedictorian and Salutatorian will be recognized based on the Summa Cum Laude requirements.

Credit Requirements:

4 English	1 PE: Any
3 Math: Algebra I and higher	.5 Health
3 Science: Physical Science and higher	.5 Personal Finance (any offered)
3 Soc. Studies: 1.5 Required Courses, 1.5 Any	3 Specified Core Elective (Students must take two foreign language courses in the same language to count in this area)
2 Practical Art: Any Business, Ind. Tech., FACS or Ag	
1 Fine Art: Any Music, Art, Theatre	
6 General Electives: Any	

Total required = 27 credits including specified electives

Required cumulative GPA of 3.90 or above. Early graduates cannot qualify for this honor. Student must be full time for the last 2 full semesters at CHS in order to qualify. Students competing for this honor may only be an aid for a maximum of 2 semesters.

MAGNA CUM LAUDE REQUIREMENTS

Total required = 25 credits

Required cumulative GPA of 3.70 or above

Student must complete a minimum of 7 successful semesters of high school attendance.

CUM LAUDE REQUIREMENTS

Total required = 25 credits

Required cumulative GPA of 3.70 or above

Student must complete a minimum of 7 successful semesters of high school attendance.

**Transfer credits are subject to approval by principal, and must come from an accredited institution.*

**Weighted grade points will be accepted only if the course is given weight at both CHS and the accredited transfer institution.*

ELIGIBILITY FOR EXTRACURRICULAR ACTIVITIES

(ATHLETICS, BAND/CHOIR, SPEECH/DEBATE & KNOWLEDGE BOWL)

The Missouri High School Activities Association has made the following by-law change that affects student eligibility for extra-curricular activities in all Missouri high schools:

- Effective July 1, 2009, the minimum academic standard will be increased to 3.0 units of credit or 80% of the maximum allowable credits which may be earned, whichever is greater.
- Based on our seven-period day (.5 credit each), a student must pass 6 of 7 classes.
- Eligibility for the fall semester of 2021-22 will be based upon a student meeting these standards during the SPRING SEMESTER of the 2021 school year.
 - Students are reminded that they do not receive credit for being a teacher's aide/office aide, etc., therefore, all students who serve as aides will be required to pass all of their remaining classes (6 total classes) to remain eligible for extra-curricular activities

DUAL CREDIT COURSES

Dual credit means that both high school and college credits are received. Course fees are the responsibility of the student. Dual credit courses are noted in the course descriptions and have very specific prerequisites for enrollment.

MISSOURI STATE UNIVERSITY

Advanced Animal Science - ANSC 114 (4 credit hours)

Child Development - CFD 155 (3 credit hours)

Family Living - CFD 163 (3 credit hours)

Speech - COM 115 (3 credit hours)

Teach & Train Practicum - ELE 302 (3 credit hours)

CROWDER COLLEGE

Agricultural Management and Economics - AGECE 112 (3 credit hours)

Algebra for Calculus - Math 135 (3 credit hours)

Biology 101 (4 credit hours)

Business Computer Applications - BSAD125 (3 credit hours)

Business - Personal Finance - GSAD 108 (3 credit hours)

Calculus I - Math 150 (2 credit hours)

Calculus I- Math 160 (3 credit hours)

Chemistry 101 (4 credit hours)

Chemistry 104 (4 credit hours)

Quantitative Reasoning - Math 125 (3 credit hours)

Social Media Marketing - MKT 200 (3 credit hours)

Survey of American History - History 106 (3 credit hours first semester)

Survey of American History - History 107 (3 credit hours second semester)

Trigonometry - Math 112 3 credit hours

COURSE DESCRIPTIONS

COMMUNICATION ARTS

COMMUNICATION ARTS I

Grade Level: 9

No. Semesters: 2

Fee: None

Credit: 1–Comm. Arts

Prerequisites: None

Communication Arts I involves the study of grammar, sentence structure, and writing, including paragraphs, summaries, and responses to outside readings. Focus is on literature studies of grammar, nonfiction, and writing activities related to this literature, as well as vocabulary studies.

ELEMENTS OF COMMUNICATION ARTS

Grade Level: 9

No. Semesters: 2

Fee: None

Credit: 1–Comm. Arts

Prerequisites: Teacher Recommendation only

This class is designed to introduce students to different genres and associated terminology in literature. Students will also review usage, mechanics, the writing process, vocabulary development, and utilization of writing skills to develop an effective paragraph. Based on student performance and teacher discretion, students can be moved to communication Arts I within the first semester.

***This course may not meet admission or NCAA requirements for English/Communications at certain universities.**

ADVANCED COMMUNICATION ARTS I

Grade Level: 9

No. Semesters: 2

Fee: None

Credit: 1–Comm. Arts

Prerequisites: Proficient on MAP, i-Ready test results, A- avg. in 8th grade English, teacher recommendation and writing sample

Advanced Communication Arts I is a preparatory class for Advanced Communications Arts II and III and Advanced Placement English. Students will follow the same course of study as Communications Arts I with a greater emphasis on writing.

COMMUNICATION ARTS II

Grade Level: 10

No. Semesters: 2

Fee: None

Credit: 1–Comm. Arts

Prerequisites: Communication Arts I

Communication Arts II is a study of reading, writing, and research skills. Students read and respond to different genres of literature while practicing different reading and writing strategies. There is a focus on writing essays effectively and writing appropriately for a specific genre. Throughout the year, effective research skills are emphasized in both reading and writing aspects.

ADVANCED COMMUNICATION ARTS II

Grade Level: 10

No. Semesters: 2

Fee: None

Credit: 1–Comm. Arts

Prerequisites: “A-” average in Communication Arts I or Advanced Communication Arts I, writing sample, i-Ready test results, and teacher recommendation

Advanced Communication Arts II is a preparatory class for Pre-AP Literature and Composition, and AP Literature and Composition. Students will follow the same course of study as Communications Arts II with a greater emphasis on writing and research.

COLLEGE PREP COMMUNICATION ARTS III

Grade Level: 11

No. Semesters: 2

Fee: None

Credit: 1–Comm. Arts

Prerequisites: Communication Arts I and II

Communication Arts III will be an overview of communication skills; including reading, writing, speaking, and listening. This course will be writing and reading intensive with an emphasis on the proper writing process. Writing will focus on the clarity of expression and correct usage of grammar. Students will read, analyze and discuss non fiction, short stories, poetry, and drama. Students are expected to hone their critical thinking skills through an emphasis of literary analysis, formal composition, and research. Test preparation and college planning will be a focus and embedded into the course.

***PRE-AP LITERATURE AND COMPOSITION**

Grade Level: 11

No. Semesters: 2

Fee: None

Credit: 1–Comm. Arts

Prerequisites: Proficient or advanced on EOC, “A-” average in Communication Arts I & II or Advanced Communication Arts I and II, writing sample, i-Ready test results, and teacher recommendation

Pre-AP Literature and Composition covers the class requirements with the addition of major literary works for class study and a more in-depth study of writing skills. This class prepares students for Advanced Placement English.

PROFESSIONAL COMMUNICATIONS III

Grade Level: 11

No. Semesters: 2

Fee: None

Credit: 1–Comm. Arts

Prerequisites: Career Plan Justification and Comm. Arts II

Professional Communications III is a study of writing skills, editing, paragraphs, summaries, and responses to outside reading with special emphasis on technical reading and writing. Students will also complete a research project. There is a continued focus on writing through technical studies, and vocabulary. ***This course may not meet admission or NCAA requirements for English/Communications at certain universities.**

COLLEGE PREP COMMUNICATION ARTS IV

Grade Level: 12

No. Semesters: 2

Fee: None

Credit: 1–Comm. Arts

Prerequisites: Communication Arts I, II, and III

Communication Arts IV will be an overview of communication skills; including reading, writing, speaking, and listening. This course will be writing and reading intensive with an emphasis on the proper writing process. Writing will focus on the clarity of expression and correct usage of grammar. Students will read, analyze and discuss non fiction, short stories, poetry, and drama. Students are expected to hone their critical thinking skills through an emphasis of literary analysis, formal composition, and research. Test preparation and college planning will be a focus and embedded into the course.

***AP LITERATURE AND COMPOSITION**

Grade Level: 12

No. Semesters: 2

Fee: None

Credit: 1–Comm. Arts

Prerequisites: “A-” average in Communication Arts I, II, or Advanced Communication Arts I, II, and Pre-AP Literature and Composition; test scores; writing sample, and teacher recommendation

AP Literature and Composition is a college-level course. Instruction in clear-cut speech and writing, close reading of texts, logical thought, and self-release through creative expression is emphasized. At the end of this course, a student may pay a fee to take a nation-wide AP examination; if his/her score is

acceptable, the student may earn college credit, depending on college requirements.

PROFESSIONAL COMMUNICATIONS IV

Grade Level: 12

No. Semesters: 2

Fee: None

Credit: 1–Comm. Arts

Prerequisites: Career Plan Justification and College Prep Comm. Arts III or Professional Communications III

Professional Communications IV is a study of reading, writing, and research skills. Students read and respond to different professional scenarios while practicing different reading, writing, and presenting skills. There is a focus on communicating effectively and writing appropriately for specific job skills. Throughout the year, effective research skills are emphasized in both reading and writing aspects.

***This course may not meet admission or NCAA requirements for English/Communications at certain universities.**

ENGLISH 101-102

Grade Level: 12

No. Semesters: 1-2

Fee: \$60/credit hr.

Credit: .5-Comm. Art

Prerequisites: Students must earn a score of at least 19 in English on the ACT or must have a passing grade on the Wunderlic test with Crowder College

Bonus Point Class. This course gives students instruction and practice in writing mechanically correct, well-organized, and well-developed expository themes on topics of importance and significance. During the first semester, English 101 students must develop and demonstrate proficiency in conveying ideas of depth and interest and an awareness of differences among and appropriate use of illustration, narration, description, process, definition, comparison/contrast, classification, and persuasion. The second semester, English 102, presents students with the opportunity to competently create an 8-10 page Argumentative Research Paper. In addition, students will be expected to demonstrate enhanced grammar, vocabulary, style, tone, and organization in various small, written projects. This is offered as a dual credit class through Crowder College. A fee is required for 3 hours of college credit each semester. If qualifications for dual credit classes are not met prior to the first day of class, then students will not receive dual credit.

***SPEECH**

Grade Level: 9-12

No. Semesters: 1

Fee: None

Credit: .5-Comm. Art

Prerequisites: None

Speech studies the art of informative, demonstrative, special occasion, and persuasive speaking in front of a live audience. Students will create and perform original speeches and presentations to mimic real-life public speaking situations. Students will experience a variety of speech styles and delivery methods. Students choose their own topics for each major speech. This is offered as a dual credit class through Missouri State University. A fee is required for 3 hours of college credit. If qualifications for dual credit classes are not met prior to the first day of class, then students will not receive dual credit.

DEBATE

Grade Level: 9-12

No. Semesters: 2

Fee: None

Credit: 1-Comm. Art

Prerequisites: Teacher Permission

Debate is advanced persuasive speaking with on research, organization, argumentation, logic, and reasoning skills, in addition to all of the key events Interpretation of Duo, Dramatic, Humorous, Prose, Poetry, Duet Acting, Storytelling, Radio, Extemp., Student Congress, and Original Oratory. Students are required to travel with the team in three (3) weekend tournaments each semester and work our tournament.

DEBATE II

Grade Level: 10-12

No. Semesters: 2

Fee: None

Credit: 1-Comm. Art

Prerequisites: Debate I and Teacher Permission

Debate II is a competition class designed to prepare and polish the students who have auditioned or participated as members of the Speech & Debate Team. Specifically, this course will explore a variety of topics including, but not limited to, characterization, internalization, dialects, vocal process, diction, IPA, movement for the performer, literature analysis, cutting literature, research, performance, competitive performances, technique, adapting literature, in addition to all of the key events Interpretation of Duo, Dramatic, Humorous, Prose, Poetry, Duet Acting, Storytelling, Radio, Extemp., Student Congress, and Original Oratory. Students are required to travel with the team in three (3) weekend tournaments first semester, four (4) second semester and work our tournament. This class may be repeated for credit.

PUBLIC COMMUNICATIONS

Grade Level: 9-12

No. Semesters: 1

Fee: None

Credit: .5-Comm. Art

Prerequisites: None

Public Communications explores all the ways we communicate in society when it is not a speech. This includes media, technology, person to person, intrapersonal, and group, along with non verbal and listening skills. Projects including; mock interviews, resume building, radio and television programs, and conflict-resolution skills will give students practical communication experience needed to become successful job candidates in the work force and in college.

CREATIVE WRITING

Grade Level: 12

No. Semesters: 2

Fee: None

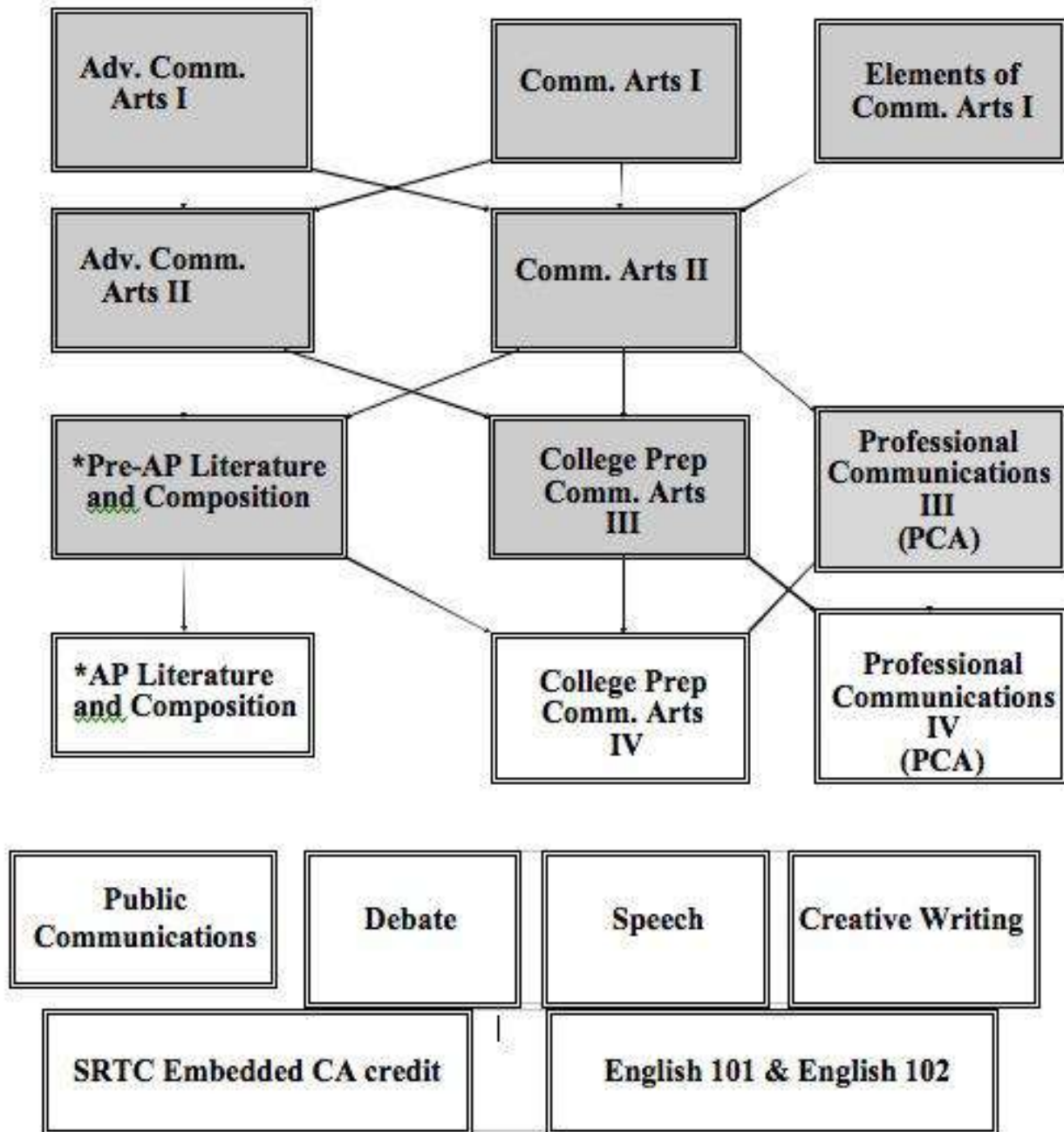
Credit: 1-Comm. Arts

Prerequisites: "A-" average in Communication Arts I, II, or Advanced Communication Arts I, II, and Pre-AP Literature and Composition; test scores; writing sample, and teacher recommendation

This course will focus on expressive writing in many different forms. Students will have the opportunity to explore several different types of poetry and prose styles, as well as responding to literature, art mediums, quotes, and music. Originality and writing that shows thought will be emphasized. Strategies to avoid writer's block and new ways to uncover ideas for writing will be studied. Peer reviews and sharing ideas are essential elements to this course. Course availability depends on enrollment.

COMMUNICATION ARTS PROGRESSION

Three of your four Communication Arts graduation requirements must come from within the gray boxes below.



COURSE DESCRIPTIONS

MATH

ELEMENTS OF ALGEBRA

Grade Level: 9-12

No. Semesters: 2

Fee: None

Credit: 1– Math

Prerequisites: Teacher Recommendation Transitions Algebra is designed for students who traditionally have struggled with math in middle school. Students will work on basic weaknesses in math concepts. Upon completion of this course, students will move on to Algebra I.

ALGEBRA I

Grade Level: 9-12

No. Semesters: 2

Fee: None

Credit: 1– Math

Prerequisites: None

Algebra I is designed to improve students' problem-solving, decision-making, and precision of mathematical language. Fundamental operations are applied in the solution of equations and inequalities. Concepts are presented in a more traditional math classroom environment.

ALGEBRA II

Grade Level: 10-12

No. Semesters: 2

Fee: None

Credit: 1– Math

Prerequisites: Geometry or Informal Geometry

Algebra II studies algebraic and trigonometric concepts intended as a foundation for advanced mathematics courses. ****Algebra II is an admission requirement at many colleges and universities.***

ADVANCED ALGEBRA II

Grade Level: 10-12

No. Semesters: 2

Fee: None

Credit: 1– Math

Prerequisites: "A-" average in Algebra I and Geometry; test scores; and teacher recommendation

Advanced Algebra II is designed for college-bound students. Instruction in this course involves Algebraic concepts, advanced Algebraic concepts, and various math projects to help students prepare for the ACT and College level coursework.

GEOMETRY

Grade Level: 9-12

No. Semesters: 2

Fee: None

Credit: 1– Math

Prerequisites: Algebra I and Teacher recommendation

Freshman Prerequisite: 80% or higher in Algebra I and 80% or higher on Geometry Readiness Exam

Geometry introduces the student to formal and informal proofs and the use of inductive and deductive reasoning. Concepts of spatial geometry are combined with plane geometry throughout the course.

ADVANCED GEOMETRY

Grade Level: 9-12

No. Semesters: 2

Fee: None

Credit: 1– Math

Prerequisites: "A-" average in Algebra I; test scores; and teacher recommendation

Advanced Geometry is designed for college-bound students. Instruction in this course involves advanced Geometric concepts, Trigonometric concepts and various math projects to help prepare for the ACT and college level coursework.

INFORMAL GEOMETRY

Grade Level: 10-12

No. Semesters: 1

Fee: None

Credit: .5– Math

Prerequisites: Algebra I and Teacher recommendation

Informal Geometry introduces the student to informal proofs and the use of inductive and deductive reasoning. Concepts of spatial geometry are combined with plane geometry throughout the course.

*****Sophomores may take Geometry and Algebra II concurrently only with teacher approval***

APPLIED MATH

Grade Level: 10-12

No. Semesters: 1

Fee: None

Credit: .5– Math

Prerequisites: Algebra I and Teacher recommendation

Applied Mathematics is a comprehensive math course focusing on real life applications such as earning money, personal banking, buying food, buying a house, paying taxes, buying insurance, buying a car, and the math skills needed for the consumer. Additionally, we use problem solving strategies to solve a wide range of consumer problems. ****This course may not meet admission requirements for math at certain universities.***

INTERMEDIATE ALGEBRA

Grade Level: 11-12

No. Semesters: 2

Fee: None

Credit: 1– Math

Prerequisites: Algebra I, Informal Geometry and Geometry

Intermediate Algebra prepares students for Algebra II and College Algebra. This course is recommended for students who need more review of Algebra concepts.

***QUANTITATIVE REASONING (MATH 125)**

Grade Level: 11-12

No. Semesters: 1

Fee: \$60/credit hr. EST.

Credit: .5– Math

Prerequisites: Algebra II or Intermediate Algebra credit and must meet state requirements for dual credit & teacher recommendation

Quantitative Reasoning studies the skills necessary to process and communicate quantitative information found in daily life. Specific topics include: probability, statistics, proportional reasoning, modeling data, financial mathematics, and problem solving. This is offered as a dual credit class through Crowder College. A fee is required for 3 hours of college credit. If qualifications for dual credit classes are not met prior to the first day of class, then students will not receive dual credit.

***ALGEBRA FOR CALCULUS (MATH 135)**

Grade Level: 11-12

No. Semesters: 1

Fee: \$60/credit hr. EST.

Credit: .5– Math

Prerequisites: Algebra II or Intermediate Algebra credit and must meet state requirements for dual credit & teacher recommendation.

Algebra for Calculus is a study of operations and relationships among numbers through the use of variables to develop algebraic skills at the college level. This is offered as a dual credit class through Crowder College. A fee is required for 3 hours of college credit. If qualifications for dual credit classes are not met prior to the first day of class, then students will not receive dual credit.

COLLEGE TRIGONOMETRY (MATH 112)*Grade Level: 11-12****No. Semesters: 1****Fee: \$60/credit hr. EST.****Credit: .5– Math**

Prerequisites: Algebra II credit and must meet state requirements for dual credit & teacher recommendation.

College Trigonometry covers the relationships of the parts of a triangle, the trigonometric functions, and applications using algebraic and geometric skills developed in Algebra II and Geometry. This is offered as a dual credit class through Crowder College. A fee is required for 3 hours of college credit. If qualifications for dual credit classes are not met prior to the first day of class, then students will not receive dual credit.

CALCULUS I (MATH 150) Part I - 1st semester*Grade Level: 11-12****No. Semesters: .5****Fee: \$60/credit hr. EST.****Credit: .5– Math**

Prerequisites: College Trigonometry and Algebra for Calculus MATH 135 (may be taken concurrently) or an appropriate placement exam score; MATH 112 (may be taken concurrently) or an appropriate placement score. Must meet state requirements for dual credit & teacher recommendation

This course begins a sequence of calculus and analytical geometry courses. Topics include the derivative and its applications. Students should have a good background in algebra, geometry and trigonometry. This is offered as a dual credit class through Crowder College. A fee is required for 2 hours of college credit. If qualifications for dual credit classes are not met prior to the first day of class, then students will not receive dual credit.

CALCULUS I (MATH 160) Part II - 2nd semester*Grade Level: 11-12****No. Semesters: .5****Fee: \$60/credit hr. EST.****Credit: .5– Math**

Prerequisites: College Trigonometry and Calculus I MATH 150 credit and must meet state requirements for dual credit & teacher recommendation

This course continues the study of Calculus, including applications of the derivative, L'Hôpital's rule, and the integral. Students should have a good background in algebra, geometry and trigonometry. This is offered as a dual credit class through Crowder College. A fee is required for 3 hours of college credit. If qualifications for dual credit classes are not met prior to the first day of class, then students will not receive dual credit.

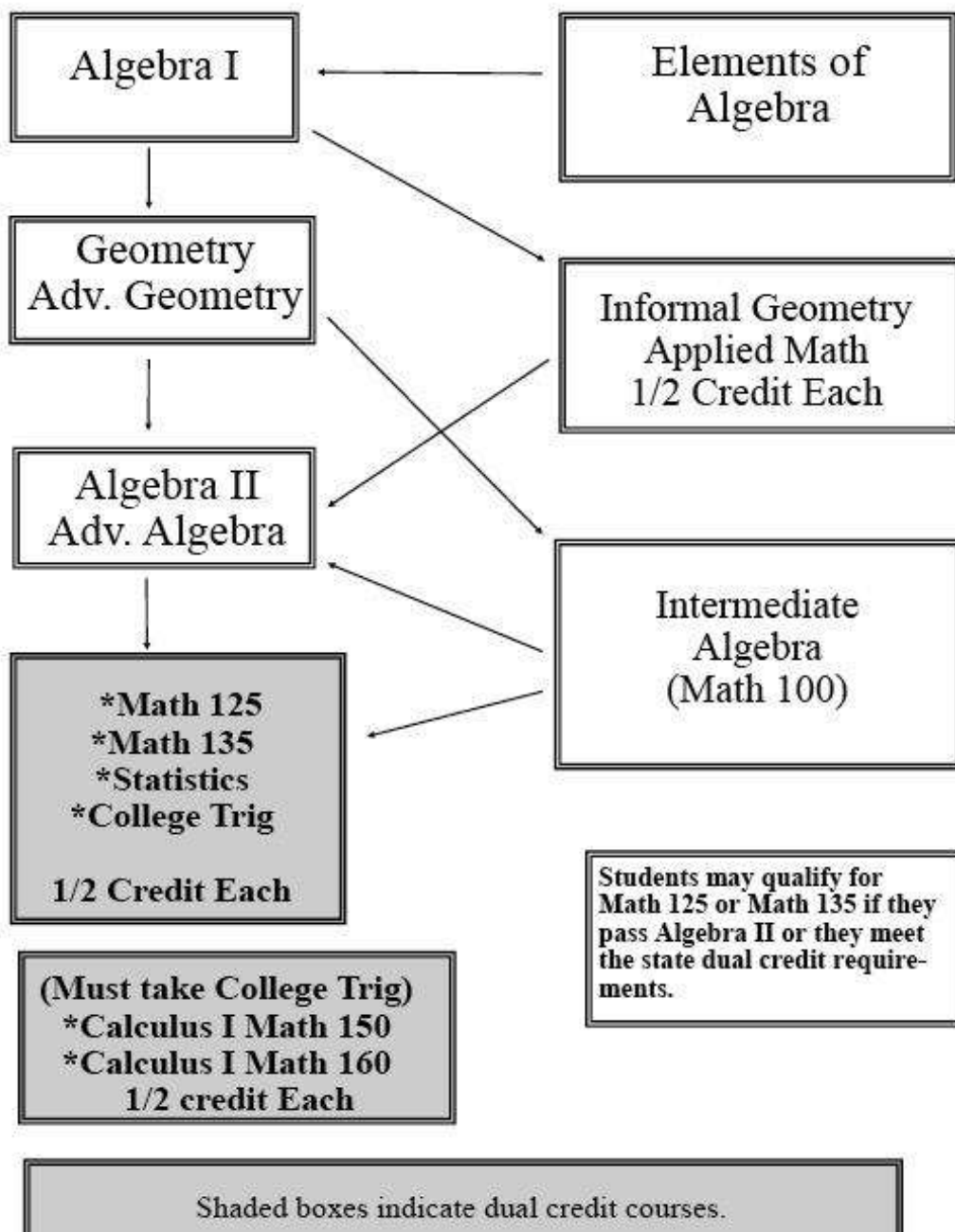
****State requirement for dual credit**

- ***Must have a 2.5 GPA or higher***
- ***Qualifying ACT score***

MATH CLASS PROGRESSION

Graduation Requirements : 3 Math credits

Progression through either Math pathway may qualify students for college entrance requirements and for college prep certificates.



SUGGESTED COURSES FOR COLLEGE MAJORS

QUANTITATIVE REASONING (MATH 125)

Accounting
Agriculture-Business Tech
Agriculture-Business Marketing
Alternative Energy-Wind
Art & Design
Business Administration
Certified Nursing Assistant
General Education degree
Graphic Design
History
Journalism
Medical Assistant
Nursing
Occupational Therapy
Paramedics
Pharmacy Tech
Photography
Physical Education
Social Work
Teaching
Theatre

ALGEBRA FOR CALCULUS (MATH 135)

Agriculture
Automation/Robotics
Alternative Energy-Solar
Biology
Chemistry
Computer Science
Computer Network
Construction
Criminal Justice
Engineering
Fire Science
Information Science
Mathematics
Medicine
Physical Science
Physics
Pre-Vet Medicine
Psychology
Vet Tech
Welding

COURSE DESCRIPTIONS

SCIENCE

PHYSICAL SCIENCE

Grade Level: 9

No. Semesters: 2

Fee: None

Credit: 1– Science

Prerequisites: None

Physical Science is a fundamental course in scientific concepts with emphasis in the laws of physical science. Students also gain knowledge of basic chemistry, physics, and earth science.

BIOLOGY I

Grade Level: 10

No. Semesters: 2

Fee: None

Credit: 1– Science

Prerequisites: Physical Science

Biology I is a course covering the characteristics of living things, ecology, and genetics. Students will be expected to perform laboratory work.

CHEMISTRY I

Grade Level: 11

No. Semesters: 1

Fee: None

Credit: .5– Science

Prerequisites: Physical Science, Biology, or teacher approval

Chemistry I is a semester course covering properties and principles of matter and energy. Laboratory work is required.

GEOLOGY I

Grade Level: 11

No. Semesters: 1

Fee: None

Credit: .5– Science

Prerequisites: Physical Science, Biology, or teacher approval

Geology I is a semester course covering geological processes and their relationships to land forms, natural resources, living environments, and human society. Laboratory work is required.

GEOLOGY II

Grade Level: 12

No. Semesters: 2

Fee: None

Credit: 1– Science

Prerequisites: Physical Science, “C” average in Biology I, Chemistry I and Geology I; or teacher approval

Geology II is a course covering the basic principles of physical and historical geology. Students will investigate how earth materials and processes impact human activities and how human activities influence the geological environment. Laboratory work is required.

*PHYSICS

Grade Level: 10-12

No. Semesters: 2

Fee: None

Credit: 1– Science

Prerequisites: Physical Science/Algebra I

Physics introduces the student to physical concepts such as force, motion, heat, and optics. Considerable math skills are required. Laboratory work is required. **This course may be taken concurrently with Algebra II.**

*****Sophomores may take Chemistry I/Geology I concurrently with Biology I if the student has maintained a “B” average in Physical Science and/or teacher approval. Sophomores may take Physics concurrently with Biology I if the student has maintained a “B” average in Physical Science, meets the Math prerequisites, and/or teacher approval.***

Note: Students cannot take Chemistry I and Chemistry II concurrently.

***CHEMISTRY II**

Grade Level: 11-12

No. Semesters: 2

Fee: None

Credit: 1– Science

Prerequisites: Physical Science, “C” average in Biology I, Chemistry I & Geology I, along with Algebra II (could be taken concurrently with teacher approval)

Chemistry II involves the study of the structure of matter and the changes it undergoes. Concepts of classification of substances, chemical composition, mole relationships, and chemical reaction processes are emphasized. Laboratory work is required.

***SURVEY OF CHEMISTRY (CHEM 101)**

Grade Level: 11-12

No. Semesters: 1

Fee: \$60/credit hr. EST.

Credit: .5– Science

Prerequisites: Cumulative GPA of 3.0 (B), “B” in Biology I & Chemistry I (or equivalent) and teacher recommendation

This course for non-science majors satisfies part of the general education science requirement. The scope is quite broad with emphasis on descriptive rather than theoretical chemistry. Topics illustrating the impact of chemistry on society and aspects of chemistry applicable to everyday living are taken from inorganic, organic and biochemistry. Credit may not be earned for both Chemistry 101 and 104. This is offered as a dual credit class through Crowder College. A fee is required for 4 hours of college credit. If qualifications for dual credit classes are not met prior to the first day of class, then students will not receive dual credit.

***ANATOMY AND PHYSIOLOGY**

Grade Level: 11-12

No. Semesters: 2

Fee: None

Credit: 1– Science

Prerequisites: Physical Science and “C” average in Biology I

Anatomy and Physiology involves the study of the structures and the functions of the human body. Laboratory work is required.

***CHEMISTRY FOR HEALTH SCIENCES (CHEM 104)**

Grade Level: 11-12

No. Semesters: 1

Fee: \$60/credit hr. EST.

Credit: .5– Science

Prerequisites: Cumulative GPA of 3.0 (B), “B” in Biology I & Chemistry I (or equivalent) and teacher recommendation

This course for students planning to enter certain health fields satisfies part of the general education science requirement. (This could include, but is not limited to: Veterinary Technology, Certified Medical Assistant, Paramedic, etc.) The scope of the course is quite broad with emphasis on descriptive rather than theoretical chemistry. Topics are taken from inorganic, organic and biochemistry with emphasis on those concepts that have application in human health. Credit may not be earned for both Chemistry 101 and 104. This is offered as a dual credit class through Crowder College. A fee is required for 4 hours of college credit. If qualifications for dual credit classes are not met prior to the first day of class, then students will not receive dual credit.

***PRINCIPLES OF BIOLOGICAL SCIENCE (BIOL 101)**

Grade Level: 11-12

No. Semesters: 1

Fee: \$60/credit hr. EST.

Credit: .5– Science

Prerequisites: Cumulative GPA of 3.0 (B), “B” in Biology I & Chemistry I (or equivalent) and must meet state requirements for dual credit & teacher recommendation

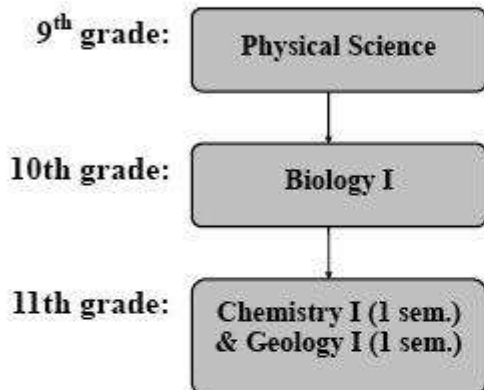
General Biology is an introduction to the study of Biology and covers principles of life science from the chemical basis of life to the interactions between living organisms and their environment. The unifying biological principles of cell structure and function, genetics, development, metabolism, reproduction, and

ecology are addressed. This course fulfills the life science general education requirement and is required for Biology majors. A practical laboratory component emphasizes scientific investigations and supports lecture material. This is offered as a dual credit class through Crowder College. A fee is required for 4 hours of college credit. If qualifications for dual credit classes are not met prior to the first day of class, then students will not receive dual credit.

SCIENCE COURSE PROGRESSION

3 Science Credits Required

Courses in shaded areas are required for graduation.



Elective Advanced Courses

**weighted*

*Anatomy & Physiology

*BIOL 101 (Dual Credit)

*Physics

*Chemistry II

Geology II

*Chemistry 101 (Dual Credit)

or

*Chemistry 104 (Dual Credit)

Innovations in Chemistry

Environment Science: Water

Prerequisite requirements listed in course description.

CONCURRENT CLASS OPTIONS

Chemistry I (1 sem.) & Geology I (1 sem.)

Biology I

Sophomores who have maintained a "B" average in Physical Science or have teacher approval, may take Chemistry I and Geology I concurrently with Biology I.

Physics

Biology I

Sophomores who have maintained a "B" average in Physical Science, meet math prerequisites and/or have teacher approval, may take Physics concurrently with Biology I.

Students cannot take Chemistry I and *Chemistry II concurrently.

COURSE DESCRIPTIONS

SOCIAL STUDIES

GOVERNMENT

Grade Level: 11-12

No. Semesters: 1

Fee: None

Credit: .5– Social Studies

Prerequisites: None

Government covers the branches of the United States government at all levels, interaction of the levels and branches, and the government's responsibilities to citizens. Special emphasis is placed on the constitution, criminal law, economics, and voting. **Requirement for graduation.**

AMERICAN HISTORY

Grade Level: 11

No. Semesters: 2

Fee: None

Credit: 1– Social Studies

Prerequisites: None

American History teaches students about the colonization, development, and uniting of the states to Reconstruction. In addition, the political, social, and economic forces that shaped the United States into a world power are also studied. **Requirement for graduation.**

CIVICS

Grade Level: 9

No. Semesters: 1

Fee: None

Credit: .5– Social Studies

Prerequisites: None

Civics will introduce foundational government concepts to students to help them prepare for Social Studies concepts in World History, American History, and Government. Students will learn about local, state, and federal government concepts, as well as, the importance of civic participation in their community and the world beyond.

WORLD HISTORY

Grade Level: 10

No. Semesters: 2

Fee: None

Credit: 1– Social Studies

Prerequisites: None

World History is an overview of world civilizations and cultures from prehistoric times to the present. Special attention is given those events, institutions, and personalities that have shaped society.

PSYCHOLOGY

Grade Level: 11-12

No. Semesters: 1

Fee: None

Credit: .5– Social Studies

Prerequisites: None

Psychology aids students in understanding how human behavior is influenced by biology and the environment. Course availability depends on enrollment.

CURRENT ISSUES

Grade Level: 11-12

No. Semesters: 1

Fee: None

Credit: .5– Social Studies

Prerequisites: None

Current Issues offers the student an in-depth view of events shaping the world. Students will discuss current news topics and major events which impact their lives. Course availability depends on enrollment.

THE SECOND WORLD WAR

Grade Level: 11-12

No. Semesters: 1

Fee: None

Credit: .5– Social Studies

Prerequisites: None

The Second World War examines United States citizens, the war, and its influences in Europe, the Pacific, and at home during 1941-1945. Course availability depends on enrollment.

HISTORY OF THE CIVIL WAR

Grade Level: 11-12

No. Semesters: 1

Fee: None

Credit: .5– Social Studies

Prerequisites: None

History of the Civil War offers an in-depth study of the causes, effects, tactics, battles, and participants of the Civil War. Course availability depends on enrollment.

***SURVEY OF AMERICAN HISTORY: U.S. HISTORY 106-107**

Grade Level: 11-12

No. Semesters: 1

Fee: \$60/credit hr. EST.

Credit: 1– Social Studies

Prerequisites: a minimum “B” average, teacher approval and must meet state requirements for dual credit & teacher recommendation

The first semester of Survey of American History covers America’s early history from the Age of Discovery through the Reconstruction period following the Civil War. Second semester traces America’s past from the post-Civil War Era to the present. This is offered as a dual credit class through Crowder College. A fee is required for 3 hours of college credit. If qualifications for dual credit classes are not met prior to the first day of class, then students will not receive dual credit.

COURSE DESCRIPTIONS

FOREIGN LANGUAGE

FRENCH I

Grade Level: 9-11

No. Semesters: 2

Fee: None

Credit: 1– Elective

Prerequisites: Recommendation of Communication Arts teacher

This course is for the above average language student and introduces elements of French vocabulary, pronunciation, grammar structure, and sentence composition. French geography and culture are taught. Students will be expected to understand, speak, and write on lesson topics.

***FRENCH II**

Grade Level: 10-12

No. Semesters: 2

Fee: None

Credit: 1– Elective

Prerequisites: Teacher Approval (Recommended minimum French I grade: B-)

This course is a continuation of French I. It involves further study of pronunciation, vocabulary, and the use of more complex structures of grammar. The student continues learning French geography and culture and begins a study of French history.

***FRENCH III**

Grade Level: 11-12

No. Semesters: 2

Fee: None

Credit: 1– Elective

Prerequisites: Teacher Approval (Recommended minimum French II grade: B-)

This course continues the study of French with emphasis placed on reading and responding to the readings in French. Individual composition and conversation are stressed. This level emphasizes the improvement of skills for college study and preparation for a college placement exam. Course offering depends upon enrollment.

***FRENCH IV**

Grade Level: 12

No. Semesters: 2

Fee: None

Credit: 1– Elective

Prerequisites: Teacher Approval (Recommended minimum French III grade: B-)

This course is a continuation of French III studies. Course offering depends upon enrollment.

SPANISH I

Grade Level: 9-11

No. Semesters: 2

Fee: None

Credit: 1– Elective

Prerequisites: Recommendation of Communication Arts teacher

This course is for the above average language student. Elements of Spanish vocabulary, pronunciation, grammar structure, and sentence composition are introduced. Geography of Spanish-speaking countries and their culture will be covered. Students will be expected to understand, speak, and write on lesson topics. It is recommended that students have a C average or better in English before taking this course. Please note that native Spanish speakers may be allowed to test out of Spanish I.

***SPANISH II**

Grade Level: 10-12

No. Semesters: 2

Fee: None

Credit: 1– Elective

Prerequisites: Teacher Permission (Recommended minimum Spanish I grade: B-)

This course is a continuation of Spanish I. The use of complex structures of grammar and further coverage of pronunciation and vocabulary will be taught. Students will expand their knowledge of Spanish geography and culture.

***SPANISH III**

Grade Level: 11-12

No. Semesters: 2

Fee: None

Credit: 1– Elective

Prerequisites: Teacher Permission (Recommended minimum Spanish II grade: B-)

This course reiterates what was learned in Spanish I and Spanish II and emphasizes reading and responding to readings in Spanish. Students will do individual compositions, refine conversation techniques, and improve skills in preparation for college study and a college placement exam.

Students will read at least one novel, participate in Spanish/Mexican cooking, game-based projects, and skit performances. Course offering depends upon enrollment.

***SPANISH IV**

Grade Level: 12

No. Semesters: 2

Fee: None

Credit: 1– Elective

Prerequisites: Teacher Permission (Recommended minimum Spanish III grade: B-)

This course is a continuation of Spanish III studies. Course offering depends upon enrollment.

COURSE DESCRIPTIONS

PRACTICAL ARTS

AGRICULTURE

INTRODUCTION TO AGRICULTURE, FOOD, AND NATURAL RESOURCES (AFNR)

Grade Level: 9-11

No. Semesters: 2

Fee: None

Credit: 1– Prac. Arts

Prerequisites: None

Offered every year 2020, 2021, 2022, & 2023 This beginning course in the CASE sequence of courses introduces students to the four pathways that are offered through CASE. The course provides a brief overview of animal science, plant science, natural resources and agricultural technology and systems. In addition, students will explore FFA, leadership, Supervised Agricultural Experience, science applications, and career and post-secondary opportunities.

AGRICULTURE PERSONAL FINANCE

Grade Level: 10-12

No. Semesters: 1

Fee: None

Credit: .5 – Prac. Arts/Personal Finance

Prerequisites: None

Offered Fall 2020 and Fall 2021 This course combines personal finance with agricultural economic principles. Computer applications are included to enhance students' understanding and utilization of current technology. Units will include: income, finance management, expenditures & receipts, and savings & investing. ****Course fulfills the .5 Personal Finance credit graduation requirement, as well as .5 Prac. Arts credit.***

PRINCIPLES OF AG SCIENCE - ANIMAL

Grade Level: 10-12

No. Semesters: 2

Fee: None

Credit: 1 - Prac. Arts

Prerequisites: Intro to AFNR

Offered 2022 This foundations course is designed to be the second course in the CASE sequence for the Animal Systems pathway. It provides activities, projects, and problems based on the history and the use of animals in society, handling and safety, cells and tissue, nutrition, reproduction, genetics, animal health, and animal products and marketing. In addition, students will continue to develop leadership potential through FFA, establish a Supervised Agricultural Experience Program, and to explore career opportunities.

GREENHOUSE OPERATIONS AND MANAGEMENT

Grade Level: 10-12

No. Semesters: 1

Fee: None

Credit: .5 - Prac. Arts

Prerequisites: Intro To AFNR

Offered Spring 2021 This course develops a basic understanding of greenhouse techniques. The production of greenhouse crops will be used to demonstrate procedures, such as plants started from cuttings, seeds, grafts, and layering. Students will manage their own crop as a greenhouse project.

LANDSCAPING

Grade Level: 10-12

No. Semesters: 1

Fee: None

Credit: .5 - Prac. Arts

Prerequisites: Intro To AFNR

Offered Fall 2020 This course includes the basic techniques of landscape design, landscape construction, installation, and maintenance.

AGRICULTURE POWER AND TECHNOLOGY

Grade Level: 10-12

No. Semesters: 2

Fee: None

Credit: 1 - Prac. Arts

Prerequisites: Intro To AFNR

Offered every year 2020, 2021, 2022, & 2023 This course is designed to prepare students for the wide array of career opportunities in agricultural engineering. Students are immersed in inquiry based exercises that tie in the math and science of agricultural mechanics and engineering.

CONSERVATION OF NATURAL RESOURCES

Grade Level: 10-12

No. Semesters: 1

Fee: None

Credit: .5– Prac. Arts

Prerequisites: Intro to AFNR

Offered Spring 2022 This course prepares students for activities in the conservation and/or improvement of natural resources such as oil, water, air, forests, and fish and wildlife for economic and recreational purposes.

***ADVANCED ANIMAL SCIENCE: ANSC 114**

Grade Level: 11-12

No. Semesters: 2

Fee: None

Credit: 1 - Prac. Arts

Prerequisites: Principles of Ag Science Animal or Intro to AFNR with instructor approval

Offered 2021 This course will cover fundamental essential concepts of livestock production, selection and its relation to production, types, market classes and grades of cattle, swine, sheep, and goats. This is offered as a dual credit class through Missouri State University. A fee is required for 4 hours of college credit. If qualifications for dual credit classes are not met prior to the first day of class, then students will not receive dual credit.

AGRICULTURE STRUCTURES

Grade Level: 11-12

No. Semesters: 2

Fee: None

Credit: 1 - Prac. Arts

Prerequisites: Ag Power & Technology or Intro to AFNR and instructor approval

Offered every year 2020, 2021, 2022, & 2023 A course designed for instruction in any of the following areas; electrical wiring, electrical motors, concrete masonry, plumbing and sewage disposal, farm fences, product handling and processing equipment, and farm buildings.

AGRICULTURE CONSTRUCTION

Grade Level: 11-12

No. Semesters: 2

Fee: None

Credit: 1 - Prac. Arts

Prerequisites: Ag Power & Technology or Intro to AFNR and instructor approval

Offered every year 2020, 2021, 2022, & 2023 This course utilizes welding in the development and construction of major metal and wood projects.

FOOD SCIENCE & TECHNOLOGY

Grade Level: 10-12

No. Semesters: 1

Fee: None

Credit: .5 - Prac. Arts

Prerequisites: Intro to AFNR

Offered Spring 2021 This course includes the areas of food chemistry and nutrition, food additives, food packaging and labeling, evaluation of foods, food microbiology, food processing, food fermentation, principles of sanitation, and quality control.

NURSERY OPERATION AND MANAGEMENT

Grade Level: 10-12

No. Semesters: 1

Fee: None

Credit: .5– Prac. Arts

Prerequisites: Intro to AFNR

Offered Fall 2021 This course includes the production of plants, shrubs, and trees for the purpose of transplanting or propagation. Approved practices in wholesaling and retailing of nursery crops will be applied.

ADVANCED LIVESTOCK PRODUCTION

Grade Level: 11-12

No. Semesters: 2

Fee: None

Credit: 1 - Prac. Arts

Prerequisites: Intro To AFNR

Offered 2023 A course designed for instruction in the production, management and marketing of livestock native to and common in the geographic region in which the course is offered. In Southwest Missouri this may include but is not limited to; beef cattle, poultry, equine, swine, and small animal production.

AGRICULTURAL COMMUNICATIONS AND LEADERSHIP

Grade Level: 10-12

No. Semesters: 2

Fee: None

Credit: 1 - Prac. Arts

Prerequisites: Intro to AFNR

Offered 2021 This course will enable students to develop the knowledge, attitudes and skills to demonstrate positive leadership for agriculture. Areas of focus include public speaking, extemporaneous speaking, impromptu speaking, written communications, meeting people, good first impressions, personal goals, team work, team/organizational goals, organizing groups to take action and evaluation of team/organizational actions.

FLORICULTURE

Grade Level: 10-12

No. Semesters: 1

Fee: None

Credit: .5– Prac. Arts

Prerequisites: Intro To AFNR

Offered Spring 2022 This course includes the production, arrangement and retailing of flowers. It includes fresh, silk, or dried flowers to be used in the design of corsages, wedding bouquets, table flower arrangement, and seasonal holiday decorations.

AGRICULTURAL MANAGEMENT AND ECONOMICS: AGE 112

Grade Level: 11-12

No. Semesters: 1

Fee: None

Credit: .5– Prac. Arts

Prerequisites: Intro to AFNR

Offered Spring 2023 This course combines farm management, agri business management, and 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, agribusiness functions, and business management. This is offered as a dual credit class through Crowder College. A fee is required for 3 hours of college credit. If qualifications for dual credit classes are not met prior to the first day of class, then students will not receive dual credit.

VETERINARY SCIENCE

Grade Level: 11-12

No. Semesters: 2

Fee: None

Credit: 1 – Prac. Arts

Prerequisites: Principles of Ag Science Animal or Intro to AFNR with instructor approval.

Offered 2020 Both food and companion animals are studied in this course. Topics include: cell and

tissue biology, anatomy, physiology, nutrition, disease prevention and diagnosis, and surgical procedures.

SUPERVISED AGRICULTURE EXPERIENCE CO-OP (Ag SAE)

Grade Level: 12

No. Semesters: 2

Fee: None

Credit: 1 – Prac. Arts

Prerequisites: Intro to AFNR, and any combination of two additional advanced agricultural courses.

Offered every year 2020, 2021, 2022, & 2023 This course provides for the enrollment of students that are released on school time to complete a cooperative occupational experience in an approved training station in agriculture. Ag SAE program provides onsite work experience where students may earn credit while receiving wages and learning real-world expectations from the workplace. A signed agreement and training plan must be completed for each student. Seniors receive priority and juniors can participate only after school hours. A minimum grade of a “C in a related vocational course is required. Students must maintain a 95% attendance rate.

BUSINESS

INTRODUCTION TO BUSINESS

Grade Level: 9-10

No. Semesters: 2

Fee: None

Credit: 1 – Prac. Arts

Prerequisites: None

Introduction to Business is designed to improve economic citizenship through the study of personal business. Topics include organization and management, consumer economics, social economics, the global marketplace, the world of work, and career selection.

***BUSINESS COMPUTER APPLICATIONS**

Grade Level: 10-12

No. Semesters: 2

Fee:\$60/credit hr. EST.

Credit: 1 – Prac. Arts

Prerequisites: None

Computer Applications key skills applied to Microsoft Office are word processing, database, spreadsheet, presentation, and publication software. This is offered as a dual credit class through Crowder College. A fee is required for 3 hours of college credit. If qualifications for dual credit classes are not met prior to the first day of class, then students will not receive dual credit. This class is also articulated for juniors and seniors through Ozarks Technical College where students can earn college credit for this course if they plan on attending OTC in the future. There is no charge for articulated credit.

COMPUTER PRACTICUM

Grade Level: 11-12

No. Semesters: 2

Fee: None

Credit: 1 – Prac. Arts

Prerequisites: By Permission

Students in this course will be required to work independently and cooperatively with other students to learn to support the computer hardware and software throughout the district. Activities will include the completion of hands-on activities. The activities will consist of the fulfillment of tech requests from other students, teachers, administrators, and support staff throughout the district. Students will use reference manuals, tutorial exercises, textbooks, telephone support lines, computers and their peripherals, and online documentation and related assistance as they fill the received requests. Students will have individual work areas in the classroom and will also learn much about time management and project prioritization as projects and responsibilities change on a daily, and sometimes hourly, basis.

MULTIMEDIA

Grade Level: 11-12

No. Semesters: 2

Fee: None

Credit: 1 – Prac. Arts

Prerequisites: None

Multi-Media will focus on advanced topics such as Desktop Publishing, Photo Editing, and Multimedia. This course is project-based with many deadlines. Students must be able to exhibit time management as well as be able to complete self directed tasks.

COMPUTER SCIENCE ESSENTIALS (PLTW)

Grade Level: 9-12

No. Semesters: 2

Fee: None

Credit: 1 - Prac. Arts

Prerequisites: None

This is a beginning course in a sequence of Project Lead the Way courses. Students collaborate to create mobile applications, solve problems, and create value for others through innovation and creativity. Explore how innovations in computing impact and connect our world. With a gentle introduction to programming, you will learn how to put your designs into practice.

COMPUTER SCIENCE APPLICATIONS (PLTW)

Grade Level: 9-12

No. Semesters: 2

Fee: None

Credit: 1 - Prac. Arts

Prerequisites: Computer Science Essentials and/or teacher recommendation

This is a sequential course in a sequence of Project Lead the Way courses. Students collaborate to create original solutions to problems of their own choosing by designing and implementing user interfaces and Web-based databases, as well as creating a game for their friends or an app to serve a real need in their community. This course is aligned to the AP CSA framework.

BUSINESS LAW

Grade Level: 10-12

No. Semesters: 1

Fee: None

Credit: .5 – Prac. Arts

Prerequisites: None

Business Law helps students become problem solvers in legal situations, recognize and avoid legal problems, and develop the ability to intelligently work with an attorney. Course content includes a study of courts, contracts, marriage and divorce, home ownership, insurance, property and consumer protection. Course offering depends upon enrollment.

GRAPHIC ART/DESKTOP PUBLISHING

Grade Level: 10-12

No. Semesters: 1

Fee: None

Credit: .5 – Prac. Arts

Prerequisites: Computer Applications, Multimedia, or teacher permission

Students develop proficiency in using graphic arts/desktop publishing software to create a variety of business publications such as flyers, brochures, newsletters, etc. There will also be Digital Video Production, Photoshop, Website Design and more.

SPORTS AND ENTERTAINMENT MANAGEMENT

Grade Level: 10-12

No. Semesters: 1

Fee: None

Credit: .5 – Prac. Arts

Prerequisites: None

Sports and Entertainment Management is a unique and innovative course designed for students with an interest in the sports and entertainment industry. This course stresses the utilization of fundamental management and marketing concepts and will include an orientation to the sports and entertainment industry. Management and marketing strategies along with topics in sponsorship, pricing, marketing research, endorsements, and promotions will be part of this course.

SOCIAL MEDIA MARKETING

Grade Level: 10-12

No. Semesters: 1

Fee: None

Credit: .5 – Prac. Arts

Prerequisites: Introduction to Business or teacher permission

Management and Marketing is a class assisting students in becoming more involved consumers. Students interested in advertising, selling, product/service planning, and financing will benefit; they will also explore managing a business. Critical thinking, cooperative learning, communications, and human relations activities require participation in this class. Course offering depends upon enrollment.

ACCOUNTING I

Grade Level: 10-12

No. Semesters: 1

Fee: None

Credit: 1 – Prac. Arts

Prerequisites: None

Accounting I provides skills and knowledge desired for employment in the areas of bookkeeping and for additional training in business. Computerized accounting will be presented. Course offering depends upon enrollment.

BUSINESS - PERSONAL FINANCE

Grade Level: 10-12

No. Semesters: 1

Fee: None

Credit: .5 Prac. Arts/ Personal Finance

Prerequisites: None

Personal Finance offers students the knowledge and strategies of managing their income as they become adults in society. Items covered in the class will be income, money management, spending, credit, savings, and investing. **Course fulfills the .5 Personal Finance credit graduation requirement, as well as .5 Prac. Arts credit.*

SUPERVISED BUSINESS EXPERIENCE (SBE)

Grade Level: 11-12

No. Semesters: 2

Fee: None

Credit: 1 or 2 – Prac. Arts

Prerequisites: Computer Applications (Can be taken concurrently)

Supervised Business Experience is a workplace learning experience, which is an extension of the business education classroom. SBE training is designed for students who enroll in any career education program (except Introduction to Business and Digital Communication) and are 16 years old or older. The SBE program provides on-the-job work experience where students may earn credit while receiving wages and learning real-world expectations in the terms of the workplace. The SBE program is limited to 15 students. Seniors receive priority, and juniors may only participate after school hours. A minimum grade of a "C" in a related vocational course is required. Students must maintain a 95% attendance rate.

FAMILY & CONSUMER SCIENCES

FCCLA LEADERSHIP

Grade Level: 9-12

No. Semesters: 2

Fee: None

Credit: 1 – Prac. Arts

Prerequisites: None

FCCLA Leadership is a full-year course that provides students with the opportunity to learn more about Family Career and Community Leaders of America (FCCLA) student organization, develop their leadership potential, and assist the community with chapter service projects. This class will incorporate project-based learning. Some of these projects may require students to complete additional work outside of class time. Students will be expected to work as an individual, as well as a member of a team. FCCLA membership is strongly encouraged. This course may be taken more than once.

***FAMILY LIVING: CFD 163**

Grade Level: 10-12

No. Semesters: 1

Fee: None

Credit: .5 – Prac. Arts

Prerequisites: None

Family Living is a semester course that studies the various phases and stages of individuals and families. This course will prepare students to understand the nature, function, and significance of various human relationships. Each student will learn to identify their personal values and expectations as a spouse, parent, family member, and friend. This course will include the practice of relationship skills such as: communication, conflict, and time and stress management. This course is taught in the Fall in correlation with Child Development. This is offered as a dual credit class through Missouri State University. A fee is required for 3 hours of college credit. If qualifications for dual credit classes are not met prior to the first day of class, then students will not receive dual credit.

***CHILD DEVELOPMENT: CFD 155**

Grade Level: 10-12

No. Semesters: 1

Fee: None

Credit: .5 – Prac. Arts

Prerequisites: Family Living (Preferred)

Child Development is a semester course that studies children and their physical, mental, emotional, and social growth and development. Teen sexuality and decision making skills are addressed. Parenting expectations and responsibilities are reinforced using the Real Care Baby infant simulator. This course will study medical topics that relate to child development including child birth. This course is taught in the Spring in correlation with Family Living. This is offered as a dual credit class through Missouri State University. A fee is required for 3 hours of college credit. If qualifications for dual credit classes are not met prior to the first day of class, then students will not receive dual credit.

CLOTHING

Grade Level: 10-12

No. Semesters: 1

Fee: Approximately \$40 for materials

Credit: .5 – Prac. Arts

Prerequisites: None

Clothing is a semester course that studies the history of clothing, textiles and fashion. Students will explore areas of fashion design and merchandising while learning basic clothing construction skills. Multiple sewing projects will be completed. ****Students are responsible for providing their own fabric and materials.*** Course availability depends on enrollment. Course offering depends upon enrollment.

HOUSING

Grade Level: 10-12

No. Semesters: 1

Fee: None

Credit: .5 – Prac. Arts

Prerequisites: None

Housing provides students with the opportunity to learn how to design, furnish and equip homes to

meet the user's needs. Housing construction and interior design will be studied. Students will use computer programs to draft housing designs and plans. Course offering depends upon enrollment.

FOOD AND NUTRITION

Grade Level: 10-12

No. Semesters: 2

Fee: None

Credit: 1 - Prac. Arts

Prerequisites: None

Food and Nutrition is a full-year course that provides students with the opportunity to understand and care for kitchen equipment while studying the nutritional content of food. Kitchen safety and food sanitation are practiced in a lab setting that will require students to work in rotating teams.

FACS - PERSONAL FINANCE

Grade Level: 10-12

No. Semesters: 1

Fee: None

Credit: .5 – Prac. Arts/Personal Finance

Prerequisites: None

Personal Finance is a semester course taught to enable students to take charge of their finance by learning about money management, spending, credit, savings, and investing. For the Fall 2020 semester we will be partnering with Freedom Bank to offer additional learning opportunities. ***Course fulfills the .5 Personal Finance credit graduation requirement, as well as .5 Practical Arts credit.**

FACS - PERSONAL FINANCE - VIRTUAL

Grade Level: 10-12

No. Semesters: 1

Fee: None

Credit: .5 – Prac. Arts/Personal Finance

Prerequisites: None

Personal Finance Virtual is an online semester course taught to enable students to take charge of their finance by learning about money management, spending, credit, savings, and investing. Students may enroll in this course for the Fall or Spring semester, any hour of the day. Students will report to the Virtual Classroom during their virtual class period to complete work. Google Classroom is used for all classwork, communication, and grading. Students enrolled in this course will need good time management and organization skills, and need to be self-motivated to be successful. Students must complete a Virtual Course Application and have administrator approval to be eligible.

INDUSTRIAL TECHNOLOGY

WOOD TECHNOLOGY I

Grade Level: 9-12

No. Semesters: 1

Fee: \$20 EST.

Credit: .5–Prac. Arts

Prerequisites: Signed parent/guardian consent form to enroll in the course. All students will be required to pass all safety tests prior to working in the lab, and have safety glasses before working in the shop.

Students will learn about the materials, tools and processes used in the manufacturing of quality wood products. All students will be required to produce a product using the tools and materials in the shop to successfully complete this course and be allowed to advance to upper level woodworking courses.

WOOD TECHNOLOGY II

Grade Level: 10-12

No. Semesters: 2

Fee: \$30-\$50 EST.

Credit: 1– Prac. Arts

Prerequisites: Signed parent/guardian consent form to enroll in the course. All students will be required to pass all safety tests prior to working in the lab, and have safety glasses before working in the shop.

Students will expand their knowledge and application about the materials, tools, and processes used in the manufacturing of quality wood products. All students will be required to produce a product using the tools and materials in the shop to successfully complete this course, and their project should be of

high enough quality to compete in the Missouri Conference competition.

ENGINEERING BY DESIGN

Grade Level: 9-12

No. Semesters: 1

Fee: None

Credit: .5 - Prac. Arts

Prerequisites: None

This program provides students with a foundation in the role of technology and engineering in everyday life along with a broad range of technology and engineering skills that make them aware of technology and engineering around them. Students completing the program will become technologically literate by learning key concepts about engineering, design, invention, and innovation, as well as the roles they play in creating technological systems to help make life easier and better. Students will learn that technology must be evaluated to determine the positive and negative effects and how these have shaped today's global society. A key aspect of the program is that students become knowledgeable about technology and engineering and use hands-on lessons to apply and transfer this knowledge to common problems.

VOCATIONAL

JAG (JOBS FOR AMERICA'S GRADUATES)

Grade Level: 10-12

No. Semesters: 2

Fee: NONE

Credit: 1 – Prac. Arts

Prerequisites: Teacher Approval

Jobs for America's Graduates (JAG) is a 35-year-old non-profit and employment program dedicated to helping young people graduate from high school and make successful transitions to postsecondary education and meaningful employment. JAG is a voluntary in-school program that counts as a high school elective. It focuses on a set of core competencies that prepare students to succeed in the workforce.

Scott Regional Technical Center (SRTC)

Grade Level: 11-12

No. Semesters: 2/year

Fee: Varies

Credit: 3 – Prac. Arts

Prerequisites: Check with Counselor

These students will attend the Scott Regional Technology Center in Monett. ***Students will attend morning or afternoon class.*** Areas of study include auto-collision repair, automotive technology, child-care provider, culinary arts, graphic communications, marketing, health occupations, computer-aided machining, welding technology and JROTC. Students have the opportunity to earn up to one (1) credit of Communication Arts IV through their SRTC program of study.

SRTC COURSE OFFERINGS

Auto Collision Repair is a two-year program for three credit hours per year. This program is designed to teach all major aspects of the Auto Collision Industry processes as set by I-CAR (Inter-Industry Conference on Auto Collision Repair) as well as to refine skills needed to be successful in the Collision field and related work areas. Whether students go to work or choose to further their education, they will excel because of the knowledge and skills they have obtained in Auto Collision at SRTC. Students have the opportunity to participate as a member of SkillsUSA to demonstrate their knowledge of collision repair at local and state contests.

****Recommendation: proficiency in standard/ metric math skills and reading skills***

College Credit Opportunity:

Dual Credit - OTC - 8 hours

Articulated Credit - State Technical College (Linn State) - 4 hours

Automotive Technology is a two-year program, which offers study and training in the diagnosis and repair of automobiles. The program is taught by an ASE Master Certified instructor. The program consists of study in the areas of brakes, suspension and steering, electrical, engine performance, heating and air conditioning, engines, and power trains. Automotive safety is integrated throughout all phases of the course. Students can earn college credit hours and ASE student certification by enrolling in Automotive Technology.

****Recommendation: proficient reading skills***

College Credit Opportunity:

Dual Credit - Crowder College - 4 hours Credit by Exam - Crowder College - 17 hours

Articulated Credit - OTC - 16 hours

Computer Maintenance and Networking is a two-year course that places emphasis on computer maintenance one year and networking the following year. The class is designed for high school students and adults who can devote two years to complete the course. Students who can only take the course for one year are allowed with the understanding that they will only complete one half of the course, depending upon which cycle that the course is in. The course is designed to give the student the knowledge necessary to pass the CompTIA A+ and Network+ certifications. Students will have the opportunity to assemble PCs from components, troubleshoot, upgrade computers, install and configure operating systems, design networks, install and configure network operating systems, troubleshoot networks, and maintain servers.

College Credit Opportunity:

Credit by Exam - Crowder College - 8 hours

Construction Technology is a two-year program, which offers study in residential construction. Study includes training for the job market in all areas of the construction phase. Students participate in the layout of footings and foundations, grade elevations, plan reading, rough and finish carpentry, and residential wiring. Students can earn OSHA certification.

****Recommendation: General Math***

College Credit Opportunity:

Articulated Credit - OTC - 4 hours

Credit by Exam - Crowder College - 6 hour

Culinary Arts is a two-year course where the homework tastes great! This course prepares students to enter the hospitality industry or post secondary education at an above-average level. Culinary Arts is a foundation to a great career in the industry. Some career opportunities include chef, baker, cake decorator, salesperson, hotel clerk, and server. Many of the careers require more training at the post-secondary level or on-the-job. Major units of study include: safety and sanitation, food prep, customer service, baking, cake decorating, purchasing, costing, and hotel service. Culinary arts also addresses employability skills, resume writing and leadership skills through SkillsUSA. The students may compete at district, state, and possibly national level SkillsUSA.

****Recommendation: FACS class(es) and Applied Math.***

College Credit Opportunity:

Dual Credit - OTC - 3 hours

Articulated Credit - OTC - 6 hours

Articulated Credit-Sullivan University - 12 hours

Diesel Technology is for students who are interested in medium and heavy-duty diesels as found in today's transportation industry. This is a two-year program that follows NATEF (National Automotive Technicians Education Foundation) guidelines. Students will spend time in both classroom studies and in the laboratory developing hands-on skills. Live and simulated units will be used for instruction. Students must be interested in heavy-duty equipment repair and have some mechanical aptitude. Students need the ability to work with tools, sophisticated machines, solve problems, troubleshoot and develop professional customer service skills.

****Recommendation: proficient reading skills***

College Credit Opportunity:

Articulated Credit - OTC - 8 hours

Credit by Exam - Crowder College - 16 hours

Early Childhood Careers is a two-year program designed for students who desire to work in careers involving young children and their families. Students will have experiences with preschoolers through the SRTC preschool. Students will be responsible for planning activities that stimulate a child's mental, physical, emotional and social growth. Trainees will learn to provide a safe, healthy, and loving environment that will allow children to explore and develop their natural curiosity and imagination. Students enrolled in the class are required to have TB tests and background checks.

****Recommendation: FACS class(es), especially Child Development***

College Credit Opportunity:

Articulated Credit - OTC - 12 hours

Credit by Exam - Crowder College - 6 hours

Graphic Design is a two-year course designed to prepare students to work in various fields of the graphics industry. This is a course that focuses on the development of visual concepts, basic design principles and elements of visual communications. Emphasis will be on the creative process, typography, color systems, vector artwork, photo editing, document production, and imagery through different forms of communication and by using various software. Students will work on projects associated with the text as well as outside projects as they become available.

****Prerequisite Suggestions (not required): Computer Applications, Photography, Applied Mathematics, Digital Communications, Art & Design***

College Credit Opportunity:

Dual & Articulated Credit - OTC - 3 hour

Health Occupations is a one-year program for high school juniors and seniors. This program utilizes knowledge, skill, and professional conduct to explore various careers available in the health field. This course provides the student with the opportunity to develop leadership skills, therapeutic communication, basic patient-care skills, problem solving, and a successful work ethic necessary to become a health service assistant. First semester is spent in the classroom and laboratory. Students will develop competency in procedures such as measuring a temperature, pulse, blood pressure, counting respirations, infection control procedures and assisting with activities of daily living. Strong emphasis is placed on medical terminology, evidenced by weekly assessments. Second semester the students will be required to participate in clinical rotations with the emphasis on job placement. The clinical facilities utilized are Lacoba Homes, Cox Monett Hospital, and other allied health areas. Rotations will be through diversified health care areas including laboratory, pharmacy, emergency room, labor and delivery, radiology, physical/occupational/speech therapy, acute care hospital, residential/nursing homes, and dental and veterinary hospital. Students interested in another aspect of health-care should consult Mrs. Schmidly.

****Recommendation: Biology, and Anatomy and Physiology***

Certifications Available:

Missouri State Certified Nursing Assistant American Heart Association Basic Life Support for Healthcare Provider

American Heart Association Adult First Aid Certification

College Credit Opportunity:

Dual Credit - Crowder College - 7 hours

Credit by Exam - Crowder College - 7 hours

JROTC (Junior Reserve Officer Training Corps) is a two-year program designed to teach high school students the value of citizenship, leadership, community service, personal responsibility, and a sense of accomplishment, while instilling self-esteem, teamwork, and self discipline. Also, students will learn personal finance, health and fitness. The focus is reflected in the mission statement, "To

motivate young people to be better citizens.” Instructors are retired military personnel. JROTC is not a recruitment program for the military. Participation in JROTC incurs no military obligation. However, students choosing to go into the military have the opportunity of entering at a higher rank after completion of the program. Many scholarship opportunities are available for JROTC students entering college directly after high school.

****Recommendation: Great for self-esteem, character building, and leadership training***

Marketing is the process of creating, pricing, promoting, and selling the products consumers purchase in the marketplace. Marketing provides a competitive edge that is necessary in today’s fast paced world. Students will be given the opportunity to gain an appreciation of the role of marketing by operating and promoting the Scotty Store, the campus school store. Second-year Marketing students can get the opportunity to do an internship for job experience and class credit. Marketing students have the opportunity to experience the Career and Technical Student organization DECA. DECA is part of an international organization for high school and college students that provides avenues for personal and professional development in the areas of leadership, social skills, and civic consciousness. In DECA you will become a leader, travel, make new friends, develop job skills, earn scholarships, learn about exciting careers such as fashion merchandising, sports, marketing, advertising, travel, and tourism, hospitality, plus more.

****Recommendation: General Business, Computer Applications and Keyboarding Proficiency***

College Credit Opportunity:

Dual Credit - Crowder College

Articulated Credit - OTC

Precision Machining (Formerly Computer Aided Machining) is a two-year program in a rapidly changing field. This course provides instruction and practice in the use of precision measuring tools, blueprints, lathes, milling machines, grinders, and computer numerical controlled machines. Emphasis on setup and operation of machine tools, including the selection and use of work-holding devices, speeds, feeds, cutting tools, and coolants. Upon completion, students should be able to perform basic procedures on precision grinders as well as performing advanced operations of measuring, layout, drilling, sawing, turning, and milling. Precision machining is a great program for students interested in Mechanical engineering, or Industrial Maintenance and Machine repair. Students also learn the design process as well as make the parts they design. Metalworking industries are expanding output and adding automatic and computer-controlled machines. This is resulting in less demand for semi-skilled operators and increased demand for more highly skilled machinists, engineers, tool and die makers, jig and fixture builders, tool grinders, CNC technicians and quality control inspectors. For those who have acquired a thorough background in machining operations, blueprint reading, design, math and a working knowledge of the properties of metals, the job outlook is promising.

****Recommendations: Algebra and Industrial Technology***

College Credit Opportunity:

Articulated Credit - OTC - 4 hours

Articulated Credit - MSSU - 9 hours

Articulated Credit - State Technical College (Linn State) - 7 hours

Welding Technology is a two-year program designed to advance the science, technology and application of the welding industry. The welding industry offers excellent opportunities for highly skilled technicians. The national outlook shows a severe shortage due to the retiring workforce. The course provides training recognized by the American Welding Society (AWS). The program is an AWS Schools Excelling through National Skill Standards Education (SENSE) participating educational institution, which allows students enrolled to attain a nationally recognized certification upon successful completion. The course offers study in Occupational Orientation, Safety and Health, Drawing and Welding Symbol Interpretation, Shielded Metal Arc Welding, Gas Metal Arc Welding, Flux Cored Arc Welding, Gas Tungsten Arc Welding, Thermal Cutting Process, and Welding Inspection and Testing. Students have the opportunity to become an AWS Certified Welder and a member of the SRTC AWS Student Chapter of the American Welding Society, which will include membership of AWS District 17- Section 136/Ozark section.

****Recommendation: applied math and science***

College Credit Opportunity:

Dual Credit– Crowder College - 12 hours

Articulated Credit - OTC - 16 hours

Credit by Exam - Crowder College - 12 hours

Work Experience Program is available to students with IEPs in grades 9 through age 21. To participate, students must be referred by their IEP team, and complete an application and interview. Students may participate in career exploration, job shadowing, or Co-op. Job shadow students earn elective credit by doing hands-on work in real work settings. They are not paid. While job shadowing, students learn job skills, work behavior, social skills and communication skills. Excellent attendance, a positive attitude, appropriate dress, and good hygiene are required. Job sites are selected based on a student's interests, career goals and abilities, and site availability. Opportunities may include child care, elder care, food service, automotive, custodial, laundry, greenhouse, retail, sheltered employment, or grocery. One day each week students attend Getting and Keeping a Job class at SRTC. Co-op students are employed and earn both a paycheck from their employer and high school credit. Co-op students must have a job and demonstrate the ability to keep it. They are released from school to go to work.

COURSE DESCRIPTIONS

FINE ARTS

ART I

Grade Level: 9-12

No. Semesters: 2

Fee: None

Credit: 1– Fine Art

Prerequisites: None

Art is a comprehensive class that reflects all four visual arts disciplines: aesthetics, art criticism, art history, and studio projects. Students will have the opportunity to develop their knowledge, understanding, and skill in art by studying a broad range of visual art forms created by others, as well as creating their own art.

3D ART

Grade Level: 10-12

No. Semesters: 2

Fee: \$10.00

Credit: 1– Fine Art

Prerequisites: Art I

This art course deals with art in its three dimensional form. A variety of mediums will be explored, which may include textiles, ceramics, plaster, wire sculpture....and more! Students will participate in a wide range of experiences using additive and subtractive sculptural techniques designed to build artistic and creative confidence. An appreciation for art from various cultures will be developed. Projects are designed to teach thinking skills and to include useful art experiences such as color theory, so that no matter what vocation students pursue, the knowledge gained in this class will be of value to them. Emphasis will be on basic design elements, function, and craftsmanship using essential vocabulary and exploring art from various perspectives. Students will create both functional and sculptural works of art. This course may be taken more than one time as an elective credit.

PAINTING

Grade Level: 10-12

No. Semesters: 1

Fee: None

Credit: .5– Fine Art

Prerequisites: Art I

Painting is for the student who wants to further his/her skills. Various cultures, artists, and painting mediums will be discussed. This course may be taken more than one time as an elective credit.

ADVANCED ART

Grade Level: 10-12

No. Semesters: 2

Fee: None

Credit: 1– Fine Art

Prerequisites: Art I

Advanced Art is for the student who enjoys creating artwork both two and three dimensionally. This course is designed for the serious art student who enjoys working in-depth on a project. The course will encompass collages, mobiles, drawings, sculptures, paintings, ceramics, and crafts. This course may be taken more than one time as an elective credit.

DRAWING

Grade Level: 10-12

No. Semesters: 1

Fee: None

Credit: .5– Fine Art

Prerequisites: Art I

Drawing is for the student who enjoys drawing and wishes to enhance his/her ability. Students will work in various drawing mediums and techniques. This course may be taken more than one time as an elective credit.

CONCERT/MARCHING BAND

Grade Level: 9-12

No. Semesters: 2

Fee: \$60

Credit: 1– Fine Art

Prerequisites: 3 years of band and/or teacher permission

The Wildcat Pride Concert/Marching Band is the great sound of Cassville! As a Concert/Marching Band member, you will take to the skies with awesome music designed for both the classical and contemporary audiences! We will explore our world through the lens of music, looking at different cultures from around the globe! Concert/Marching Band class requires students to build on previous performance experiences in instrumental music, typically developed through middle school band classes (although not required to participate). Students will express themselves creatively through the preparation of a Competitive Marching Band Show (in the fall) and through various local Marching Band (and Pep Band) performances in the spring. Students will also express worldly views, concepts and ideas by performing a wide variety of music both new and old during our Concert Band Season. Through these performances, students will refine and improve their skills on their chosen instrument. **Band is co-curricular**, which means there are more requirements than an extra-curricular activity i.e. sports, speech/debate, or clubs, and requires attendance at summer camps, as well as early morning and extra evening rehearsals/performances during the entire year. ****Attendance at all performances is required and is part of the grade.*** Enrollment is for the entire year, with any exceptions needing approval from the Band Directors and the HS Administration Office in advance of the coming term. Fees cover the cost of a band t-shirt and other expenses of the program including some, but not all of the marching band expenses.

JAZZ BAND

Grade Level: 9-12

No. Semesters: 2

Fee: \$25

Credit: 1– Fine Art

Prerequisites: Current enrollment in Band, audition selection, and/or teacher approval

Jazz Band is a small select instrumental ensemble, composed of the elite members of either our Concert/Marching Band or Show Choir/Choir groups. The Jazz Band explores music with a special focus on Jazz and Show styles of music. Students enrolled in Jazz Band are automatically signed up for the Show Choir Band (Show Choir Band runs in tandem with the Show Choir Program). ****Each student must also be enrolled in Concert/Marching Band or Show Choir/Choir to be eligible to participate.*** Enrollment is for the entire year. Availability depends upon enrollment. Fee covers the cost of the Jazz polo shirt that the student may keep. Students must provide their own black dress pants and black dress shoes for performance.

COLOR GUARD/WINTER GUARD

Grade Level: 9-12

No. Semesters: 2

Fee: \$60

Credit: NO CREDIT

Prerequisites: Audition Clinic, Audition or Coach Approval

The Wildcat Pride Band is nothing without the flash, color and movement of our Color Guard! Students enrolled in this class (which is the same as an enrollment in Concert/Marching Band) will enjoy moving to the music of our awesome Wildcat Band and displaying pride and courage through flag spinning, rifle handling and other art based performance styles appropriate for either Marching Band or a Winter Guard performing season. Students will have the same governing rules and policies as an active Concert/Marching Band student. Please read the course description for Concert/Marching Band, to view more details about this course.

MUSIC APPRECIATION

Grade Level: 9-12

No. Semesters: 2

Fee: None

Credit: 1– Fine Art

Prerequisites: None

This course is designed to meet the aesthetic educational needs of our students. Each student will be expected to experience the historical nature of the arts including music, literature, dance, visual arts, and drama through a variety of media presentations corresponding to the material covered in the text.

CHORALE

Grade Level: 9-12

No. Semesters: 2

Fee: None

Credit: 1– Fine Art

Prerequisites: None

Chorale is a performing/competition choir class for men and women. Choral literature is performed through several concerts and contests. Solo and small ensemble singing are also encouraged in this class. This is not a dancing group. Heavy emphasis is placed on proper vocal techniques and sight-singing. Previous choral experience is preferred. ****A percentage of the student's grade is based on performances outside of the regular school day.***

SHOW CHOIR

Grade Level: 9-12 (Men) & 10-12 (Women) No. Semesters: 2

Fee: \$294.00 Costume Expense EST. Credit: 1– Fine Art

Prerequisites: Audition Required

Centerstage Show Choir is a performance-based class for men and women with previous choral experience. Concentration is on twentieth century music and a heavy performance schedule. This choir competes in show choir competitions throughout the year. ****There is a costume cost for each student and a required summer choreography camp.*** Selection is made through a singing and dancing audition in the spring. ****A percentage of the student's grade is based on performances outside of the regular school day. Enrollment is for the entire year.***

BEGINNING GUITAR

Grade Level: 10-12

No. Semesters: 2

Fee: None

Credit: 1– Fine Art

Prerequisites: student must provide a working, acoustic, full -size guitar for use in class

Beginning Guitar is a non-performing class for students who desire to learn to play guitar. Students will learn to read notes and rhythms from printed music. Students will play individually and in small ensembles. Basics of music are emphasized. Students must be able to work independently.

DRAMA

Grade Level: 9-12

No. Semesters: 1 or 2

Fee: None

Credit: .5 or 1- Fine Art

Prerequisites: Teacher Permission

Drama increases the student's ability to express thought and emotion through effective use of the voice and body. Throughout the year students will work on improvisational skills, duet acting, and literature interpretations. During the Spring, students will produce a one-act play and/or readers theater. Students may take acting and/or technical roles in productions. ****Attendance at all performances is required and a percentage of the student's grade is based on performances outside of the regular school day.***

THEATRE PRODUCTION

Grade Level: 9-12

No. Semesters: 1

Fee: None

Credit: .5– Fine Art

Prerequisites: Prior theatre/acting experience

Students will learn the skills and techniques needed for creating a theatrical production. Units will cover acting, directing, script analysis, scenic design, stage lighting, stage management, costumes and makeup, acting, and media in producing a play. One field trip to see a live performance will be required. This is a non performance class if students sign up for the technical role. ****Attendance at all performances is required and a percentage of the student's grade is based on performances outside of the regular school day.*** This is a repeatable course.

COURSE DESCRIPTIONS

HEALTH AND PHYSICAL EDUCATION

HEALTH

Grade Level: 9-12

No. Semesters: 1

Fee: None

Credit: .5– Health

Prerequisites: None

Health is a required course that enables the student to understand his or her body, to think critically about health problems, and to be able to achieve good physical, mental, and social health. CPR training is included. ****Required for graduation.***

BOYS' PHYSICAL EDUCATION

Grade Level: 9-12

No. Semesters: 1 or 2

Fee: None

Credit: .5 or 1– Phy. Educ.

Prerequisites: None

Students will learn the rules, strategies, and techniques used in team and individual sports. Students will also be active in ways to increase cardiovascular fitness as well as muscular strength. Throughout the course students should be familiar and comfortable with ways to stay physically active for their lifetimes. Students will be required to dress out everyday in order to participate in the various units. Dressing out, participation, and written tests and skills tests will be used to determine grades. Gym clothing is required.

GIRLS' PHYSICAL EDUCATION

Grade Level: 9-12

No. Semesters: 1 or 2

Fee: None Credit: .5 or 1 – Phy. Educ.

Prerequisites: None

Students will learn the rules, strategies, and techniques used in team and individual sports. Students will also be active in ways to increase cardiovascular fitness as well as muscular strength. Throughout the course students should be familiar and comfortable with ways to stay physically active for their lifetimes. Students will be required to dress out everyday in order to participate in the various units. Dressing out, participation, and written tests and skills tests will be used to determine grades. Gym clothing is required.

BOYS' ADVANCED PHYSICAL EDUCATION

Grade Level: 9-12

No. Semesters: 2

Fee: None

Credit: 1– Phy. Educ.

Prerequisites: Teacher Permission

This course emphasizes weight lifting to build body strength and conditioning for cardiovascular development. It focuses on the individual's discipline, desire, and dedication, while emphasizing goal setting and nutrition. Dressing out will be required for participation.

GIRLS' ADVANCED PHYSICAL EDUCATION

Grade Level: 9-12

No. Semesters: 2

Fee: None

Credit: 1– Phy. Educ.

Prerequisites: Teacher Permission

Students will be taught the proper techniques and training methods associated with sports and athletic preparation. The students must have a willingness to perform, including, but not limited to, a high level of weight training, plyometric training, speed development, and core training. The main goal of the class is to help students prepare for team/individual sports to help create high expectations for themselves and their teams. Grades will be determined by dressing out, warming up, effort, and completing the daily workout. Dressing out will be required for participation.

LIFE SPORTS (CO-ED)**Grade Level: 9-12****No. Semesters: 2****Fee: None****Credit: 1– Phys. Educ.*****Prerequisites: None***

Students will learn the rules, strategies, and techniques used in team and individual sports. Students will also be active in ways to increase cardiovascular fitness as well as muscular strength. Throughout the course students should be familiar and comfortable with ways to stay physically active for their lifetimes. Students will be required to dress out everyday in order to participate in the various units. Dressing out, participation, and written tests and skills tests will be used to determine grades. Dressing out will be required for participation.

FITNESS WALKING**Grade Level: 9-12****No. Semesters: 2****Fee: None****Credit: 1– Phys. Educ.*****Prerequisites: None***

This co-educational (CO-ED) course is designed to address walking as a cardiovascular activity. Fitness walking is moving fast enough to raise your heart rate into its training zone. Students acquire the knowledge, skills, and attitude necessary for physical fitness through participation in a carefully monitored walking program. The class includes learning activities covering the five health related components of fitness: cardiovascular endurance, muscular endurance, muscular strength, flexibility, and body composition. Weather permitting, students use outdoor fitness walking courses. Dressing out will not be required for participation.

COURSE DESCRIPTIONS

ELECTIVES

A+ TUTORING

Grade Level: 11-12

No. Semesters: 1

Fee: None

Credit: .5 – Elective

Prerequisites: Enrollment in the A+ Program with expectations of completing certification

This course allows juniors and seniors who are enrolled in the A+ Program to earn one semester credit by tutoring primary, intermediate, middle, or high school students. These tutoring hours also qualify students for some college funding upon completion of all other A+ requirements and upon the availability of state funds. ****Students must be able to provide their own transportation to the elementary campus. This course is non repeatable.***

SKILLS FOR SUCCESS

Grade Level: 9-12

No. Semesters: 1 or 2

Fee: None

Credit: .5 or 1– Elective

Prerequisites: Principal Recommendation/Teacher Recommendation

Skills for Success will help improve students' academic skills and track their progress in other courses throughout the semester. It will also assist students in becoming contributing members of the school and local communities.

ACT PREP

Grade Level: 10-12

No. Semesters: 1

Fee: None

Credit: .5 – Elective

Prerequisites: None

This course will focus on Math, English, Science and Reading preparation for completion of the ACT. Course offering depends upon enrollment.

PUBLICATIONS

Grade Level: 10-12

No. Semesters: 2

Fee: None

Credit: 1 – Elective

Prerequisites: "B" average in Communication Arts classes, Keyboarding skills, and teacher recommendation

Publications is for students interested in publishing text and photos in a magazine format. Students are familiarized with the basic skills of journalistic writing, photography, and marketing. Using a web-based design program, students produce the CHS yearbook. Students are encouraged to repeat the course. **Freshmen may enroll with teacher permission.**

NON-CREDIT ELECTIVES

Aide courses are calculated into the student's GPA but do not fulfill any credit requirements. A student can enroll as an aide 1 hour per semester for 4 semesters. ****However to qualify for an Honors Diploma a student can only enroll for a maximum of 2 semesters. If students choose to be an aide they must pass all remaining six classes to be eligible for extra-curricular activities.***

OFFICE AIDE

Grade Level: 11-12

No. Semesters: 1 or 2

Fee: None

Credit: NO CREDIT

Prerequisites: Student contract

This is a non-credit elective assisting in the high school office.

COUNSELORS' AIDE**Grade Level: 11-12****No. Semesters: 1 or 2****Fee: None****Credit: NO CREDIT** *Prerequisites: Student contract*

This is a non-credit elective assisting in the counselors' office.

LIBRARY AIDE**Grade Level: 11-12****No. Semesters: 1 or 2****Fee: None****Credit: NO CREDIT*****Prerequisites: Student contract***

This is a non-credit elective for students interested in learning about the library. Duties include shelving books, processing magazines and books, submitting book reviews, creating window displays, checking web links, and delivering and picking up equipment.

TEACHER'S AIDE**Grade Level: 12****No. Semesters: 1 or 2****Fee: None****Credit: NO CREDIT*****Prerequisites: Student contract***

This is a non-credit elective for a student wishing to assist an individual teacher.