

**EAST NEWTON  
HIGH SCHOOL  
COURSE DESCRIPTION GUIDE**



**2022-2023**

## **EAST NEWTON HIGH SCHOOL**

The information in the course description guide is provided to assist students as they make plans for a career that will lead to a rewarding and enjoyable future. The course description guide is designed to acquaint them with the many choices available at East Newton High School. Students develop a six-year plan of study according to their individual interests, abilities, and goals during the S.T.A.R.S. time (Career Planning Sessions). Each year students may adjust their plan using input from parents, teachers, counselors, and other resources. Information on careers, career-technical schools, scholarships, college entrance requirements, and other related data are available to students at the counselor's offices.

No matter which career path is chosen or which courses are selected, East Newton High School strives to offer students an excellent background of courses and activities to prepare them for post-secondary education and/or high-wage jobs.

Parental involvement is critical to the success of a student's six-year plan. It is the responsibility of each student to become familiar with the courses that are available, as well as the requirements for graduation. Since students are not allowed changes in their schedule during the year, they must be willing to accept these choices for the year. Parents should be aware of the requirements and offer assistance to their child in choosing their career pathway, high school courses, and in planning future goals. Both parents and students are encouraged to seek assistance from the East Newton High School faculty and staff. One important goal in the S.T.A.R.S. program is the formal development of communication between school staff, students, and parents. This process can be a very important factor in contributing to student's success.

### ***East Newton High School Mission Statement***

***Enter to Learn and Leave to Achieve***

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## **ACADEMIC LETTERS**

Students will receive an “Academic Letter” which is a block EN and a certificate. Each additional year a student qualifies for a letter, the student will receive a bar and an additional certificate.

To be eligible to receive an academic letter, the following criteria must be met:

1. Student must have a 9.5 GPA for each of the previous 2 semesters with no “D or F” grades.
2. Semester grades for the previous school year will be used.
3. Freshmen GPA’s will be figured including 8<sup>th</sup> grades 2<sup>nd</sup> semester.
4. Students must be enrolled full-time.
5. At least one semester of grades must be earned at ENHS. Only one semester of grades may be transferred.
6. The student must be enrolled in 2 core classes per semester.
7. Senior early graduates will not qualify.
8. Modified classes will not count toward G.P.A., the counselor and principal will evaluate exceptions on an individual basis.

## **A+ PROGRAM**

Join the A+ School program and become eligible for 2 years of tuition from any Missouri public community college, vocational school or technical school provided that the funds are made available by the state. Area schools include Crowder College, Franklin Technical, and Ozarks Technical.

The student financial incentive will be available for a period of four years after high school graduation. To qualify for the financial incentive, students should enter into a written agreement with ENHS during the last three (3) years prior to high school graduation and have met the following criteria:

1. Be a U.S. citizen, or legal resident present in the U.S.
2. Entered into a written agreement with your high school prior to graduation.
3. Attended a designated A+ high school for 2 consecutive years prior to graduation.
4. Graduate with an overall grade point average of 6.875 (C+ AVG) or higher on an 11.0 scale.
5. Have at least a 95% attendance record over all four grades (9-12).
6. Perform at least 50 hours of school supervised, unpaid tutoring or mentoring, of which up to 25% may include job shadowing.
7. Maintain a record of good citizenship and avoid the unlawful use of drugs and/or alcohol while in grades 9-12, refer to the policy below.
8. Have achieved a score of proficient or advanced on the Algebra 1 EOC or have a combined ACT math score and GPA according to the following scale:  
ACT-Math 17 & GPA 2.5 or greater (4 pt scale)  
ACT-Math 16 & GPA 2.8 or greater (4 pt. scale)  
ACT-Math 15 & GPA 3.0 or greater (4 pt. scale)
9. File a completed FAFSA.
10. Male students must register with Selective Service if 18.

A+ students are subject to the Good Citizenship policy adopted by the East Newton R-VI School Board on May 18, 2006. For more information on this policy and the A+ Schools program, please contact Karen Mason.

## **EAST NEWTON HIGH SCHOOL ACTIVITIES ELIGIBILITY POLICY**

East Newton High School has a higher eligibility standard than MSHSAA (Missouri State High School Activities Association). Students at ENHS must have **no more than one (1) F** in the preceding semester of attendance to be eligible to participate in interscholastic activities.

## **EDUCATIONAL/FIELD TRIP POLICY**

In order to maintain quality work and grades the following policy has been implemented to assure student success at school. Any student that has an F in any class during a 3-week grading period will not be able to attend any educational trip or field trip in which school time is missed. This policy does not apply to competitions in which the students will be participating during the school day. Students must be passing classes in order to miss school for such trips.

## **FREQUENTLY ASKED QUESTIONS**

### ***May I repeat a course for graduation credit?***

NO, an academic course successfully completed with a passing grade cannot be repeated for credit. However, some electives can be repeated such as band, choir, advanced physical education, etc.

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

Credits are earned by the semester (.5 credit per semester). If you fail a required course, you need to repeat the failed semester again until you successfully complete that semester of the course. PLATO is an option in the summer and during the school year if the student meets the criteria.

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

The answer is NO. Due to class sizes and limitation in class offerings, the ability to change a class simply because you do not like the class is impossible. Schedule changes are limited to teacher-initiated changes and are based upon a student's inability to complete the class.

### ***How many credits are required to graduate from East Newton?***

Graduates must have 25.5 credits to graduate.

## SCHEDULING INFORMATION

This guide will help you, the student, and your parents plan your high school program. We hope you will continually review your educational and career goals and develop a study that will help you achieve these goals.

### POINTS TO KEEP IN MIND:

- Before selecting a subject, check the course description. Be sure it fits your needs, interest, and career goals and helps you achieve both the graduation requirements and your career goals.
- Note prerequisites and fees listed with each course. Teacher permission usually requires the student have the appropriate teacher sign their course selection form prior to scheduling.
- On the basis of your pre-selection of courses, a high school master schedule is developed and teachers are assigned to best accommodate requested classes. The subjects you choose are reserved for you and you are expected to take the classes you pre-selected.
- Choose your elective classes carefully. Try to select classes in your career path that will assist you in achieving your career goals. Alternate classes should be selected carefully. In the event of conflict, you will be expected to register for your alternate selections.
- Students pick their courses, schedule, and teachers through the scheduling process. **STUDENTS WILL NOT BE PERMITTED TO INITIATE A SCHEDULE CHANGE.**
- Consult your advisor or high school counseling department if you have questions about credits, graduation requirements, college requirements, or career/technical programs.

## Scheduling

### *Steps in Scheduling Classes:*

1. Students review career planner information and course description book.
2. Students complete a pre-scheduling form.
3. S.T.A.R.S. Conference – Parent/Guardian, students and S.T.A.R.S. advisor review pre-schedule form for final approval.
4. Based upon classes selected by students during pre-scheduling, a master schedule is developed.
5. Students must turn in the final draft of their schedule by the deadline date.

*\*Final class schedules are subject to change by the counselors.*

## **YOUR CHOICES AFTER HIGH SCHOOL**

<b>ON –THE-JOB TRAINING</b>	Some occupations do not require educational training prior to employment. Instead, additional training and skills required beyond high school are provided by the employer.
<b>APPRENTICESHIP</b>	Apprenticeship is a three to four-year training program where the student learns while working on the job earning money. The student receives a license at the end of training. Examples of trades that use apprenticeship are bricklaying, jewelry making, electrical repair, plumbing, etc.
<b>VOCATIONAL TECHNICAL SCHOOL</b>	Programs at these schools are generally from one month to four years in length. Examples of vocational technical programs include practical nursing, robotics, and some areas of business.
<b>COMMUNITY/ JUNIOR COLLEGE</b>	Community colleges offer two-year associate degree programs which would lead directly to an occupation or transferring to a four-year college. They also offer Associates in Applied Science degrees. Examples of these degrees are Computer & Network Support Technology and Construction Technology. Community colleges also offer programs in which a student may become certified, such as Auto Technology, Fire Science, and Paramedic.
<b>COLLEGE/ UNIVERSITY</b>	A bachelor’s degree requires approximately four years of college. A master’s degree usually requires one to three years of college beyond the bachelor’s degree. A minimum of a bachelor’s degree is required for about 20% of the occupations in the United States. Entrance requirements depend on the desired college, program, or major.
<b>MILITARY</b>	Training is available for many jobs while an individual is enlisted. A person may also receive financial assistance for college, room and board, salary, and insurance benefits. High school graduation is required. Another consideration for students would be the military academies like West Point or university ROTC programs.

## THE PURPOSE OF CAREER CLUSTERS

Career Paths/Clusters help give focus and direction to the selection of a high school course of study and to best assist the students in achieving whatever goal he/she has chosen. All students are asked to consider a Career Path(s).

Career paths are clusters of occupations and careers that are grouped together because many of the people in them share similar interests and strengths. All paths include a variety of occupations that require different levels of education and training. Career paths provide students with an area of focus, along with flexibility among many options and a variety of ideas to pursue.

## CHOOSING A CAREER CLUSTER

As a part of East Newton's High School's Advisement program (STARS), each student, working with parents, a STARS advisor, and high school counselors, will develop a course of study centered around one of the sixteen broad career clusters.

The course of study may reflect a general area of interest such as health services, or it may concentrate on a specific occupational goal such as becoming a respiratory therapist or a registered nurse.

The following will enable students to determine their career cluster:

- Be involved in activities designed to expand awareness of a variety of careers. Activities to explore careers will continue throughout high school.
- Identify interests, abilities, and talents.
- Consider the possible careers in each cluster in relationship to those interests, abilities, and talents.
- Decide which career cluster seems to fit best by considering personal interests, personalities, and strengths.
- Develop and revise annually a four-year plan by selecting courses that are relevant to the variety of occupations in the career cluster chosen.



## **CAREER CLUSTERS**

<b>Agriculture, Food and Natural Resources</b>	<i>The production, processing, marketing, distribution, financing, and development of agricultural commodities and resources including food, fiber, wood products, natural resources, horticulture, and other plant and animal products/resources.</i>
<b>Architecture and Construction</b>	<i>Careers in designing, planning, managing, building and maintaining the built environment.</i>
<b>Arts, A/V Technology and Communications</b>	<i>Designing, producing, exhibiting, performing, writing, and publishing multimedia content including visual and performing arts and design, journalism, and entertainment services.</i>
<b>Business, Management and Administration</b>	<i>Careers encompass planning, organizing, directing and evaluating business functions essential to efficient and productive business operations.</i>
<b>Education and Training</b>	<i>Planning, managing and providing education and training services and related learning support services.</i>
<b>Finance</b>	<i>Planning, services for financial and investment planning, banking, insurance, and business financial management.</i>
<b>Government and Public Administration</b>	<i>Executing governmental functions to include Governance: National Security: Foreign Service: Planning: Revenue and Taxation: Regulation: and Management and Administration at the local, state, and federal levels.</i>
<b>Health Science</b>	<i>Planning, managing, and providing therapeutic services, diagnostic services, health informatics, support services, and biotechnology research and development.</i>
<b>Hospitality and Tourism</b>	<i>Encompassing the management, marketing and operations of restaurants and other foodservices, lodging, attractions, recreation events and travel related services.</i>
<b>Human Services</b>	<i>Preparing individuals for employment in career pathways that relate to families and human needs.</i>
<b>Information Technology</b>	<i>Careers relating to the design, development, support and management of hardware, software, multimedia, and systems integration services.</i>
<b>Law, Public Safety, Corrections and Security</b>	<i>Planning, managing and providing legal public safety, protective services and homeland security, including professional and technical support services.</i>
<b>Manufacturing</b>	<i>Planning, managing, and performing the processing of materials into intermediate or final products and related professional and technical support activities such as production planning and control, maintenance and manufacturing/process engineering.</i>
<b>Marketing, Sales and Service</b>	<i>Planning, managing, and performing marketing activities to reach organizational activities.</i>
<b>Science, Technology, Engineering, and Mathematics</b>	<i>Planning, managing, and providing scientific research and professional and technical services (e.g., physical science, social science, engineering), including laboratory and testing services, and research and development services.</i>
<b>Transportation, Distribution &amp; Logistics</b>	<i>Planning, management, and movement of people, materials, and goods by road, pipeline air, rail and water and related professional and technical support services, such as transportation infrastructure planning and management, logistics services, mobile equipment and facility maintenance.</i>

## EAST NEWTON GRADUATION REQUIREMENTS

	<i>Regular Diploma</i>	<i>Honors Diploma</i>	<i>High Honors Diploma</i>
<i>Language Arts</i>	4	4	4
<i>Math</i>	3	3	4
<i>Science</i>	3	3	4
<i>Social Studies</i>	3	4	4
<i>Practical Arts</i>	2	2	2
<i>Fine Arts</i>	1	1	1
<i>Physical Education</i>	1	1	1
<i>Health*</i>	.5	.5	.5
<i>Electives</i>	8	8	7.5
	<b>25.5</b>	<b>26.5</b>	<b>28</b>

Each student must have passed the United States and Missouri Constitution tests in grades 9 – 12.

Personal Finance is required for graduation.

Honors and High Honors math is Algebra I and above. Overall G.P.A. of B or better (which is 8.25 on the 11-pt. scale and 3.0 on the 4-pt. scale)

### END OF COURSE EXAMS

Exams will be given on completion of the following course. The following required exams will be given: Algebra I, English 10, Government, and Biology I. Supplemental EOC's could also be given in English 9, American History, Geometry, Algebra II, and Physical Science.

## COLLEGE DIVISION I, DIVISION II, AND NAIA NCAA INITIAL ELIGIBILITY CLEARINGHOUSE

Students interested in participating in Division I or Division II NCAA Athletic Programs or NAIA Athletic Programs at the college/university level need to contact the counseling office/athletic director for information concerning eligibility criteria. This should be done as early as possible. Please make sure to contact your counselor to make sure that all necessary classes and requirements are met.

### TOP TEN

The top ten students are ranked on the basis of total grade points earned during their eight semesters of school attendance. Final class ranking will appear on the transcript as a result of total points for the full eight semesters. Valedictorian and Salutatorian will be the top two students with the highest total grade point for all eight semesters. To be eligible for Top Ten, students must earn at least one-half of their credits at East Newton High School. These students will not be announced until all grades have been finalized.

Point value per final letter grade multiplied by the course unit value plus the bonus points, if any, equals the total points earned in that course.

Courses with credit values different from one unit will be processed for the stated value in the mathematical operations to determine the student's rank order or scholastic index.

### DUAL ENROLLMENT

ENHS students may take college courses during the college's fall or spring semesters. Dual enrollment courses are taught by a college professor, either online or on a college campus. This class will be part of the students seven period schedule. **Students have the opportunity to earn high school credit.** A 1-4-hour course will earn .5 high school credits per semester. A five-hour course will earn the student a full credit per semester. The grade earned in the college course will determine if the student receives a PASS or FAIL on their high school transcript. These courses **WILL NOT** impact the student's high school GPA. These courses will be counted among their regular high school schedule. Students must sign a waiver, allowing ENHS to communicate with the college regarding grades. In order to continue a dual enrollment college program second semester, students must make no grade lower than a C in their first semester high school courses and must earn at least a C in the college course. If the college course is dropped before a grade is given, then the student will not receive credit for the course and they will be placed in a class at the discretion of counselors and administration.

To be eligible for dual enrollment classes all students must have a minimum qualifying score on the ACT. Dual enrollment classes cannot be taken if the same course is offered as dual credit that same year at ENHS. No dual enrollment class can be taken to replace a required course at East Newton. Students must be either a junior or senior to participate in Dual Enrollment classes. For scheduling purposes, students will initially choose an alternative course at the high school level that will eventually be replaced by the dual enrollment course. There will be a specified location for the student to take their classes while on the high school campus.

Cost/fees of the class, online fees, and related materials are the responsibility of the student and are subject to change by the college. No A+ funds or Pell Grants will be available for use with payment. The maximum number of dual enrollment classes that can be taken during a semester is two. All students will need to be in good standing at the high school. Disciplinary infractions may result in the class and credit no longer being offered during the day for the student.

## **DUAL CREDIT**

**Dual credit classes are those that are taught on our campus by a qualified ENHS teacher.** Students taking and paying for these courses will receive both high school and college credit. These courses will be placed on student’s transcript and count toward their GPA.

To be eligible for dual credit classes all students must have a minimum qualifying score on the ACT.

Students must be either a junior or senior to participate in Dual Credit classes. Cost/fees of the class, online fees, and related materials are the responsibility of the student and are subject to change by the college. No A+ funds or Pell Grants will be available for use with payment. All costs are the responsibility of the student and are subject to change by the college. No A+ funds will be available for use with payment.

Dual Credit classes offered are: Quantitative Reasoning (Crowder), Algebra for Calculus/Trigonometry (Crowder), Calculus (Crowder), Dual Credit English 12 (Crowder), Plant Science Production and Marketing (MSU), Equine Science (MSU), Advanced Livestock (MSU).

## **BONUS POINT/WEIGHTED CLASSES\***

Accounting II	Desktop Publishing	Plant Science
Advanced Livestock	Dual Credit English 12	Pre-AP English 10
Adv. Marketing	English 11 AP Lang/Com	Probability & Statistics
Algebra for Calculus	English 12 AP Lit./Com	Psychology/Sociology
Algebra II	Entrepreneurship	Quantitative Reasoning
Anatomy/Physiology	Equine Science	Spanish II, III, IV
Astronomy/Meteorology	Holocaust	Trigonometry
Business Law	Modern American History	STEM Explorations
Calculus	Multimedia	
	Mythology/Novels	
College Prep Algebra	Physics	

\*These are our current weighted classes. Bonus Point/Weighted Classes contain more rigor and are taught at a higher level than regular courses. Therefore, they are calculated into the GPA with higher value given for the grade earned. This weighted GPA is what determines class ranking, better preparing those students, who have chosen to take more rigorous coursework, for post-secondary academics.

Before taking these classes check with the counselor to determine prerequisites. The minimum requirements for graduation will be 25.5 credits and 8 semesters of attendance. Students that transfer from other schools with weighted or bonus point classes from other schools will not be accepted as bonus point classes at East Newton. Those classes will be marked on their final transcript as honors classes, but bonus points will not be figured into their GPA.

## HONOR ROLL

**“A” Honor roll:** All grades must be an A or A-

**“A” average Honor Roll:** A grade point average of 9.5 (with no grades below a C)

**“B” average Honor roll:** A grade point average of 7.5 – 9.4 (with no D or F grades)

Students taking PLATO classes are not eligible for Honor roll.

<b>EAST NEWTON HIGH SCHOOL CLASS REQUIREMENTS</b>	
Graduates must meet 25.5 credits.* The following is a list of classes that <b><i>must</i></b> be taken to graduate:	
<b>English – 4 Credits</b> English 9, English 10, English 11, (The fourth English credit can be English 12 or other Language Arts options).	<b>Social Studies – 3 Credits</b> World History, American History, and **American Government
<b>Math – 3 Credits</b> Any class that is classified as math.	<b>Physical Education – 1 Credit</b> Any class that is classified as physical education.
<b>Science – 3 Credits</b> Physical Science, Biology and other science of choice (Plant Science, Equine Science, or Advanced Livestock may count if AG I and AG II have been taken, Food Science could also count as a 3 <sup>rd</sup> science).	<b>Electives – 8 Credits</b>  <b>Personal Finance is required for graduation (may count as practical art OR elective as needed)</b>
<b>Fine Arts – 1 Credit</b> Any class that is classified as a fine art.	
<b>Practical Arts – 2 Credits</b> Any class that is classified as a practical art.	
<b>Health – ½ Credit</b>	
*If you are interested in Honors or High Honors credit requirements may be found on Page 10.	
** Students must pass both the U.S. Constitution test and the Missouri Constitution test.	

**GRADE CLASSIFICATION:** Sophomore - 6 credits, Junior - 12 credits, Senior – 18.5 credits

## RECOMMENDED SEQUENCE OF COURSES

### SOCIAL STUDIES – 3 REQUIRED

1. World History (9<sup>th</sup> grade)\*
2. American History (10<sup>th</sup> grade)\*
3. American Government (11<sup>th</sup> grade)\*
4. Sociology/Psychology
5. Contemporary Issues
6. Holocaust/Mod. Am. History

\* These courses are required for graduation at East Newton High School.

### SCIENCE – 3 REQUIRED

1. Physical Science\*
2. Biology \*
3. Anatomy & Physiology
4. Chemistry
5. Ecology
6. Physics
7. STEM Explorations
8. Astronomy
9. Meteorology
10. Plant Science Production & Marketing\*\*
11. Equine Science\*\*
12. Advanced Livestock\*\*
13. Food Science

\* These courses are required for graduation at East Newton High School.

\*\*These classes are the third of a sequence that needs to be taken to qualify for a science credit.

- To earn high honors and to qualify for acceptance at most colleges, additional coursework beyond the 3 required credits is necessary.

### COMMUNICATION ARTS – 4 REQUIRED

1. English 9
2. English 10 or Pre AP English 10
3. English 11 or English 11 AP
4. English 12\*
5. English 12 AP\*
6. Dual Credit English 12\*
7. Mythology/Novels\*
8. Creative Writing\*
9. Speech\*
10. Speech and Debate\*

\* These classes may be taken as a student's fourth communications class. Teacher recommendation is needed prior to enrollment.

### MATH – 3 REQUIRED

1. Algebra 1A\*
2. Algebra 1B\*
3. Algebra I
4. Geometry
5. Intermediate Algebra\*\*
6. Algebra II
7. College Prep Algebra
8. Probability and Statistics
9. Quantitative Reasoning
10. Algebra for Calculus/Trigonometry
11. Calculus\*\*\*

Consult your math teacher for a recommendation on math courses most appropriate for you individually and for your chosen Career Path. To qualify for acceptance at most colleges, additional coursework beyond the 3 required credits is necessary.

\*These courses are designed to aid students who might need the extra help with math concepts. Students are placed in these courses on teacher/counselor/administrator recommendations.

\*\*This course is designed to aid students who might not be ready for Algebra II. Students are placed in this class on teacher recommendation.

\*\*\*This course may not make each year, depending on the numbers of interested students.

## COMMUNICATION ARTS

ENGLISH · SPEECH · DEBATE · ENGLISH · SPEECH · DEBATE

### ENGLISH

**ENGLISH 9: CREDIT: 1: SEMESTERS: 2: REQUIRED FOR GRADUATION.**

This course is a required first year course in the high school language arts program. This course is designed to prepare students for the rest of their high school academic studies. We will study grammar through writing, fiction, non-fiction, epic, drama, and poetry. Independent reading will also be a focus. A research assignment is required.

**ENGLISH 10: CREDIT: 1: SEMESTERS: 2: PREREQUISITE: ENGLISH 9. REQUIRED FOR GRADUATION.**

This course expands to include advanced elements in grammar instruction and composition, as well as a study of various types of literature. Independent reading, oral presentations and a research paper are required.

**PRE-AP ENGLISH 10: CREDIT: 1: SEMESTERS: 2: PREREQUISITE: ENGLISH 9 AND TEACHER**

**APPROVAL BONUS POINT** This course is an introductory AP course that preps students for college level reading and writing. This course will have an emphasis on both non-fiction and fictional prose from around the world. The coursework for this class will be more advanced than that of the regular English 10.

**ENGLISH 11: CREDIT: 1: SEMESTERS: 2: PREREQUISITES: ENGLISH 9 AND 10. REQUIRED FOR GRADUATION.**

This course builds upon the foundations established in English 9 and English 10 in the areas of language, composition, literature, public speaking, and independent reading. Students implement strategies to analyze, evaluate, and respond clearly and appropriately to literary selections in a variety of genres written by American authors.

**ENGLISH 12: CREDIT: 1: SEMESTERS: 2: PREREQUISITES: ENGLISH 9, 10, AND 11. CAN**

**SATISFY 4TH ENGLISH REQUIREMENT.** This course integrates reading, writing, speaking, and listening. Selected readings of British literature will serve as the basis for discussions and written compositions. Students will read and write for a wide variety of purposes. Library research techniques and methods of documentation will be utilized in written and oral presentations.

**AP ENGLISH LANGUAGE AND COMPOSITION (11): CREDIT: 1: SEMESTERS: 2: PREREQUISITE:**

**ENGLISH 9 AND 10 BONUS POINT** This class is a rigorous introductory college level course that requires students to utilize reading and writing skills that earmarks analysis of generous scope and sequence of challenging prose with and emphasis various artifacts of non-fiction. The student has the potential to earn English 101 college credit based on the results of the end of the year advanced placement test.

**AP ENGLISH LITERATURE AND COMPOSITION (12): CREDIT: 1: SEMESTERS: 2: PREREQUISITE:**

**ENGLISH 9, 10, 11: BONUS POINT. CAN SATISFY 4TH ENGLISH REQUIREMENT.** This class is a rigorous introductory college level course that requires students to utilize critical reading and writing skills. Performance expectations will be high for this class as it prepares students for college level work. Class time alone will not be sufficient to accomplish the goals of this class. The student has the potential to earn English Literature college credit based on the results of the end of the year advanced placement test.

**MYTHOLOGY/NOVELS INTO FILM: GRADE LEVEL: 11-12: CREDIT: 1: SEMESTERS: 2: BONUS**

**POINT: CAN SATISFY 4TH ENGLISH REQUIREMENT.** The first semester of this course is devoted to a study of Greek and Roman mythology, drama, and representative legends and fables from various world cultures. The second semester of this course focuses on how film supports literary elements and learning. The course consists of reading several novels and comparing them through their adaptation.

**CREATIVE WRITING: GRADE LEVEL: 9-12: SEMESTERS: 2: CAN SATISFY 4TH ENGLISH**

**REQUIREMENT.** This course integrates reading, writing, speaking, listening skills. Students will write brochures, newspapers, one-act plays, short stories, children's books, and poetry. Students will also gain practice in self and peer critique methods.

**DUAL CREDIT ENGLISH 12: CREDIT: 1: SEMESTERS: 2: BONUS POINT: PREREQUISITES:**

**ENGLISH 9, 10, AND 11. CAN SATISFY 4TH ENGLISH REQUIREMENT.** Students must earn a score of at least 19 in English on the ACT or must have a passing grade on the Crowder College entrance test. 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, Comp. 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, Comp. 102, presents students with the opportunity to competently utilize the rhetorical forms studied during first semester. In addition, students will be expected to demonstrate enhanced grammar, vocabulary, style, tone, and organization in various projects and to integrate into their work the obtaining of valid and reliable in the research process.

## **SPEECH/DEBATE**

**SPEECH: GRADE LEVEL: 9-12: SEMESTERS: 2: CREDIT: 1: PREREQUISITES: NONE. CAN SATISFY 4TH ENGLISH REQUIREMENT.**

First semester of this class focuses on the students learning about the speaking and listening process. The students will learn how to write and deliver different types of speeches. Second semester is a focused debate course. This is a more in depth look at the strategies involved in competitive speech and debate. Students will learn how to develop individual pieces for competition.

**SPEECH AND DEBATE: GRADE LEVEL: 9-12: CREDIT 1: SEMESTERS: 2: PREREQUISITE: PERMISSION OF SPEECH AND DEBATE TEACHER. CAN SATISFY 4TH ENGLISH REQUIREMENT.**

Students will learn to write and deliver different types of speeches, learn different forms of debate and strategies involved in competitive speech and debate. As well as learn individual pieces. They will present speeches, different debate forms, and individual events in competition. NSDA membership is earned after 25 points: membership fee is a fee of \$20.



## MATHEMATICS

MATH · MATH · MATH · MATH · MATH · MATH · MATH

**ALGEBRA IA: GRADE LEVEL: 9-12: CREDIT: 1: SEMESTERS: 2: PREREQUISITE: TEACHER**

**RECOMMENDATION** This class will spend the first quarter on Pre-Algebra topics. Quarters 2 – 4 will be spent on Algebra 1 topics. This class will cover approximately four chapters out of the Algebra 1 book and the course will continue the next year in Algebra 1B.

**ALGEBRA IB: GRADE LEVEL: 10-12: CREDIT: 1: SEMESTERS: 2: PREREQUISITE: ALGEBRA IA.**

This class is a continuation of Algebra IA. Topics include real numbers, equations, graphing equations and inequalities, exponents and exponential functions, quadratic equations, polynomials and factoring, rational expressions and equations.

**ALGEBRA I: GRADE LEVEL: 9-12: CREDIT: 1: SEMESTERS: 2: PREREQUISITE: TEACHER**

**RECOMMENDATION.** Essential for college bound students. This course teaches students how to work with variables and how to use variables, equations, and inequalities to solve real-life problems. This course also teaches students to think and work in a systematic manner. Topics include linear equations, linear inequalities, systems of linear equations and inequalities, exponential functions, polynomials, quadratic equations, and radicals.

**GEOMETRY: GRADE LEVEL: 10-12: CREDIT:1: SEMESTERS: 2: PREREQUISITE: ALGEBRA I OR**

**ALGEBRA IB.** A study of lines, angles, surfaces, and solids. Includes definitions, comparisons, and measurements, of polygons, circles, cubes, cones, and spheres.

**INTERMEDIATE ALGEBRA: GRADE LEVEL: 11-12: CREDIT: 1: SEMESTERS: 2. PREREQUISITE:**

**ALGEBRA I AND GEOMETRY** This is a preparatory course for Algebra 2. It is recommended for students who successfully complete one year of high school algebra or teacher recommendation for additional algebra.

**ALGEBRA II: GRADE LEVEL: 10-12: CREDIT: 1: SEMESTERS: 2: PREREQUISITE: C OR BETTER IN ALGEBRA I AND GEOMETRY (STUDENTS MAY TAKE GEOMETRY DURING THE SAME YEAR):**

**BONUS POINT.** Concepts of Algebra I are reviewed and extended to higher levels. Topics include linear equations, linear inequalities, functions, systems, absolute value equations and inequalities, quadratic equations and inequalities, polynomials, radicals, exponential and logarithmic functions, and rational expressions and equations.

**COLLEGE PREP ALGEBRA: GRADE LEVEL: 11-12: CREDIT: 1: SEMESTERS: 2: PREREQUISITE:**

**MUST HAVE PASSED ALGEBRA II: BONUS POINT** This course is recommended for students who have taken Algebra II but want or need more algebra prep before taking Algebra for Calculus. Review of Algebra II concepts and new concepts like piecewise functions, matrices, and conic sections are taught.

**PROBABILITY AND STATISTICS: GRADE LEVEL: 11-12: CREDIT: 1: SEMESTERS: 2:**

**PREREQUISITE: ALGEBRA II: BONUS POINT** This is an introductory course over statistics. This includes: the collection, analysis, presentation and interpretation of data, probability, descriptive statistics, correlation and regression, confidence intervals and hypothesis testing. In addition to statistics, statistical descriptions, frequency distributions, possibilities and probabilities, probability distributions, sampling and sampling distributions, and testing hypotheses based on measurements will be discussed in this course.

**QUANTITATIVE REASONING: GRADE LEVEL: 11-12: CREDIT: 1: SEMESTER: 2: PREREQUISITE: ALGEBRA II: BONUS POINT: DUAL CREDIT (Crowder College).** This course 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 course will satisfy some degree requirements in Mathematics and should transfer to most four-year institutions. (Prerequisite: An appropriate math placement score on ACT)

**ALGEBRA FOR CALCULUS/TRIGONOMETRY: GRADE LEVEL: 11-12: CREDIT: 1: SEMESTER: 2: PREREQUISITE: ALGEBRA II: BONUS POINT: DUAL CREDIT (Crowder College).** Algebra for Calculus studies algebraic expressions, real and complex numbers, functions, systems, conics, equations and inequalities. This course will satisfy most degree requirements in Mathematics and should transfer to any four-year institution. Algebra for Calculus will help prepare the student for an increasingly technical society. Trigonometry involves the study of the six trigonometric functions and their graphs and applications.

**CALCULUS: GRADE LEVEL: 11-12: CREDIT: 1 SEMESTERS: 2: PREREQUISITE: ADVANCED MATH (ALGEBRA FOR CALCULUS AND TRIGONOMETRY) BONUS POINT: DUAL CREDIT (CROWDER COLLEGE)** This course begins a sequence of four calculus and analytical geometry courses. Topics to include are the derivative integral and their applications. This course will be offered on an as requested basis with a minimum enrollment requirement of five students.

## SOCIAL STUDIES

HISTORY · PSYCHOLOGY · SOCIOLOGY · GOVERNMENT

**WORLD HISTORY: GRADE LEVEL: 9: CREDIT:1: SEMESTERS: 2: REQUIRED FOR GRADUATION.** A survey of the nations and cultures of the world from the time of early river-valley civilizations to the French Revolution and roots of American democracy.

**AMERICAN HISTORY: GRADE LEVEL: 10: CREDIT: 1: SEMESTERS: 2: REQUIRED FOR GRADUATION.** A general study of the history and development of America from the earliest discovery by Native Americans the development of the nation to the American Civil War, and reconstruction. The historical development of the United States from the 1920's through World War II, the Cold War, Vietnam, and the present economic, social, and political problems.

**AMERICAN GOVERNMENT: GRADE LEVEL: 11: CREDIT: 1: SEMESTERS: 2: REQUIRED FOR GRADUATION.** This course will include the study of government on the federal, state, and local levels. Emphasis will also be placed on preparing students to become citizens who accept responsibilities in our democracy. Included in the course will be the Missouri and US Constitution tests, which must be passed as a graduation requirement.

**CONTEMPORARY ISSUES: GRADE LEVEL: 10-12: CREDIT: 1: SEMESTERS: 2.** This is an in-depth look at our local, state, national, and foreign events. Contemporary issues studies current issues involving politics, diplomacy, business, local, national, and international affairs. Students will become more aware of what current topics are going on in the world around them.

**PSYCHOLOGY: GRADE LEVEL: 11-12: CREDIT: .5: SEMESTERS: 1: BONUS POINT.** An introduction to the principles, theories, and areas of psychology. Begins with basic principles of the science and concludes with a study of psychological disorders. Taken with Sociology.

**SOCIOLOGY: GRADE LEVEL: 11-12: CREDIT: .5: SEMESTERS: 1: BONUS POINT.** A study that focuses on how groups are formed and progresses through social problems that arise and how the problems are solved.

**HOLOCAUST: GRADE LEVEL: 11-12: CREDIT: .5: SEMESTERS: 1: BONUS POINT:**  
**PREREQUISITE: American History.** This reading intensive course will cover how the effects of post WWI Germany brought about the rise of Hitler and the Nazi party. It will discuss how ordinary people helped bring about the genocide of the Jews at the hands of the Nazis. Students will evaluate the atrocities Nazis committed at concentration camps. We will look at the impact the Holocaust had on both the victim and the victimizer. It will end with a look at recent genocide and the role we can play in society.

**MODERN AMERICAN HISTORY: VIETNAM TO TERRORISM: GRADE LEVEL: 11-12: CREDIT: .5: SEMESTERS: 1: BONUS POINT: PREREQUISITE: AMERICAN HISTORY.** This course will start with the Vietnam conflict and progress through more modern American History. It will be a combination of history and culture in an attempt to better understand the development of today's culture and society.

## SCIENCE

SCIENCE · SCIENCE · SCIENCE · SCIENCE · SCIENCE · SCIENCE

### 3 CREDITS REQUIRED FOR GRADUATION

**PHYSICAL SCIENCE: GRADE LEVEL: 9: CREDIT: 1: SEMESTERS: 2: REQUIRED FOR GRADUATION**

This course provides an overview of physics and chemistry and includes energy, forces and motion, the universe, changes in matter and energy, scientific process skills, investigation, reasoning, critical thinking, and laboratory activities. Historical and cultural perspectives will also be addressed.

**BIOLOGY: GRADE LEVEL: 10: CREDIT: 1: SEMESTERS: 2: REQUIRED FOR GRADUATION**

This course provides an overview of living things. Topics covered include interactions of organisms, environmental factors, forces which shape the environment, biochemical compounds, cell structure, cell processes, genetics, taxonomy, microbiology, dissection, scientific methods, and inquiry.

**ANATOMY & PHYSIOLOGY: GRADE LEVEL: 11-12: CREDIT: 1: SEMESTERS: 2: BONUS POINT:**

**PREREQUISITE: BIOLOGY** Anatomy and Physiology is the study of the structure and function of the human body. While studying the human body, a variety of methods will be used which include laboratory activities such as the dissection of preserved specimens, the use of anatomical models and viewing microscope slides. Evaluation of current research, technology and issues related to the health field will be included.

**CHEMISTRY I: GRADE LEVEL: 11-12: CREDIT: 1: SEMESTERS: 2: PREREQUISITE: PHYSICAL SCIENCE AND A C (73%) OR BETTER IN ALGEBRA I.** Chemistry is the study of matter, its structure and the changes it undergoes. Chemistry understanding will be enhanced through laboratory activities. Chemistry is a college prep class.

**ASTRONOMY: GRADE LEVEL: 11-12: CREDIT: .5: SEMESTERS 1: BONUS POINT:** This course provides an overview and in-depth explorations of the solar system, mythology behind the constellations, galaxies, NASA missions, and various studies that are considered "out of this world"! It's a self-driven course with labs and activities to understand solar heating, mapping the stars, and when the best viewing times are for astronomical events.

**STEM EXPLORATIONS: GRADE LEVEL: 11-12: CREDIT: 1: SEMESTERS: 2: BONUS POINT:**

**PREREQUISITE: APPROVED BY MR. STAFFORD** This course covers Science, Technology, Engineering, and Math. Four industry partners have signed on to give real world application and two on-site field trips for each section. Advanced aspects of STEM elements will be studied with project and laboratory activities. One quarter will be spend exploring each section with some activities covering multiple areas.

**PHYSICS: GRADE LEVEL: 11-12: CREDIT: 1: SEMESTERS: 2: BONUS POINT: PREREQUISITE: PHYSICAL SCIENCE AND A C (73%) OR BETTER IN ALGEBRA I, AND CONCURRENT OR PREVIOUS ENROLLMENT IN ALGEBRA II OR COLLEGE ALGEBRA.** This course enables students to develop an understanding of the laws and theories that compose the classical study of physics. Examples in engineering will be utilized to show practical applications of physic principles. Physics is a college preparation class with a laboratory component.

**METEOROLOGY: GRADE LEVEL: 11-12: CREDIT: .5: SEMESTERS: 1: BONUS POINT:** This course provides an overview of the Earth's atmosphere, learning weather maps, and reading forecasting symbols. Topics covered include: the atmosphere, air pressures, storms, weather forecasting, scientific methods and inquiry. (Other topics will be covered which are associated with these topics and aid in their explanation, and may be required by grade level or course level expectations)

**ECOLOGY: GRADE LEVEL: 11-12: CREDIT: 1: SEMESTERS: 2: PREREQUISITE: PHYSICAL SCIENCE AND BIOLOGY** This course investigates the interactions of the living and non-living components of our world, and the effects of human activities on the environment. This course contains a laboratory component, several large projects, and at least two research papers. Some outdoor projects will be required.

**FCS DEPARTMENT COURSE (THAT MEETS A SCIENCE REQUIREMENT)**

**FOOD SCIENCE: GRADE LEVEL: 11-12: CREDIT: 1: SEMESTERS-2** An instructional program that prepares students to use the scientific method to study the biological and chemical basis for food fermentation, preservation, processing and preparation. Students develop laboratory, writing and reasoning skills through measuring, recording and graphing data: writing laboratory and short research projects: and predicting and evaluating laboratory results. This course can be taken for a student's third science credit and will meet the graduation requirement.

**AG DEPARTMENT COURSES (THAT MEET A SCIENCE REQUIREMENT)**

**PLANT SCIENCE PRODUCTION AND MARKETING: GRADE LEVEL: 11-12: CREDIT: 1: SEMESTERS: 2: PREREQUISITE: AG I AND AG II. BONUS POINT. DUAL CREDIT (MISSOURI STATE)** Covers all phases of crop production, building on previous courses. Supervised project and leadership training is included.

**ADVANCED LIVESTOCK: (OFFERED IN 22-23) GRADE LEVEL: 11-12: CREDIT: 1: SEMESTERS 2: PREREQUISITE: AG I AND AG II. BONUS POINT: DUAL CREDIT (MISSOURI STATE)**  
This course includes the areas of identification and nutrition, feed additives, feed packaging and labeling, evaluation of livestock food processing, principles of showing, sanitation, and quality control. Focus will be toward equine and meat production in beef, swine, and sheep as well as the production and marketing of products.

**EQUINE SCIENCE: (OFFERED IN 23-24) GRADE LEVEL: 11-12: CREDIT: 1: SEMESTERS 2: PREREQUISITE: AG I AND AG II. BONUS POINT: DUAL CREDIT (MISSOURI STATE)** This class is focused on learning about horses and enhancing the understanding of equine care. The beginning of the semester will address basic equine knowledge such as career opportunities, industry expectations, history, breeds, identification, conformation, and judging. Then we will explore concepts in anatomy, physiology, reproduction, health, equine facilities, and management. FFA record books will also be required to keep maintained.

## FINE ARTS

ART · MUSIC · DRAMA

### 1 CREDIT REQUIRED FOR GRADUATION

## ART

**ART I: GRADE LEVEL: 9-12: CREDIT: 1: SEMESTERS: 2.** Introduction to drawing and painting. Emphasis on creativity in drawing and painting, color study, elements of art, art history, and art vocabulary. This is a basic introductory art class, no prerequisite required. All art supplies are provided by the school district.

**ADVANCED ART: GRADE LEVEL: 10-12: TEACHER APPROVAL REQUESTED. CREDIT: 1: SEMESTERS: 2: PREREQUISITE: ART 1. 80% OR ABOVE.** Sixteen or more projects are required each year. At various stages the following may be included, printmaking, pastels, digital art, colored markers, pencil, oil, acrylic, watercolor, tempera painting, sculpture, collage, tie dye, ceramic pottery, and art history. May be repeated each year with more advanced requirements.

## MUSIC

**MARCHING BAND AND CONCERT BAND: GRADE LEVEL: 9-12: CREDIT: 1: SEMESTERS: 2.**

Large instrumental ensemble. Marching band (fall semester) practices during, before, and/or after school. Programs include football half-time shows, parades, and competitions on some weekends. Color guard and drum line are audition only. Concert band (spring semester) rehearses and performs music for various programs and for area, regional, and state level competition. Members are eligible to participate in solo and small ensemble competition. Attendance at performance and rehearsals outside the school day are required and may be used as a major part of the evaluation process for determining a passing grade.

**JAZZ BAND: GRADE LEVEL: 9-12: CREDIT: 1: SEMESTERS: 2: TEACHER APPROVAL BY AUDITION.**

Jazz band is an audition only class that will meet daily and learn jazz, swing, blues, and rock style music. All wind players must be enrolled in the high school band. Rhythm section will need music notation experience. Some festivals and competitions will be required of members.

**GUITAR CLASS: GRADE LEVEL: 9-12: CREDIT: .5 SEMESTER: 1** This is a beginning to intermediate class that will cover the basic fundamentals, rhythms, notes, and techniques needed to begin playing the guitar. Class will be open to 10 or less students, and guitars will be provided. This is a performance class and there will be required outside performances.

**CONCERT CHOIR: GRADE LEVEL: 9-12: CREDIT: 1: SEMESTERS: 2.** Large vocal ensemble. This class teaches the fundamental skills needed to sing correctly as well as music theory and rehearsal techniques. Concert Choir rehearses and performs music for various programs and for area, regional, and state level competition. Members are eligible to participate in solo and small ensemble competition. Attendance at performance and rehearsals outside the school day are frequently required and will be used as a large part of the evaluation process for determining a passing grade. No previous music experience is required.

**PATRIOT SINGERS: GRADE LEVEL: 9-12: CREDIT: 1: SEMESTERS: 2.** A select group of singers chosen by **AUDITION ONLY** to represent the school at various programs, assemblies, and competitions. Perform popular music with choreography (dance). Members are eligible to participate in solo and small ensemble competition. Attendance at performance and rehearsals outside the school day are frequently required and will be used as a large part of the evaluation process for determining a passing grade. Students may be required to purchase a uniform.

## DRAMA

**DRAMA: GRADE LEVEL: 9-12: CREDIT 1: SEMESTERS: 2: PREREQUISITE: NONE.**

This class is an introduction into the worlds of theater and acting. Students will learn acting techniques, stage directions, as well as the many different parts of a production staff. Students will learn about the history of theatre, technical theatre, and different forms of acting. This is a performance-based class that will also include class work. Students will be required to work on both school productions whether on cast or crew.

## FOREIGN LANGUAGE

### FOREIGN LANGUAGE

**SPANISH I: GRADE LEVEL: 9-12: CREDIT: 1: SEMESTERS: 2.** Students will be introduced to the four basic skills of learning a second language: reading, writing, listening, and speaking. The study of the various cultures of the Hispanic world will be woven throughout the study. Students will be introduced to the present and past tense, though most work will deal with the present. It is strongly recommended that students have at least a B in their most recent English Language Arts class.

**ADVANCED SPANISH II: GRADE LEVEL: 10-12: CREDIT: 1: SEMESTERS: 2: PREREQUISITE: SPANISH 1: BONUS POINT.** Students will continue their study of the four basic skills of learning a second language: reading, writing, listening, and speaking. Grammar will include the past tenses. The study of the various cultures of the Hispanic world will continue to be woven throughout the study of the language. It is strongly recommended that students have at least a B average in Spanish I and ELA.

**ADVANCED SPANISH III - IV: GRADE LEVEL: 10-12: CREDIT: 1: SEMESTERS: 2: PREREQUISITE: SPANISH 1 AND SPANISH II: BONUS POINT.** Students will continue their study of the four basic skills of learning a second language: reading, writing, listening, and speaking. Grammar will include all remaining tenses and include the subjunctive mood. The study of the various cultures of the Hispanic world will continue to be woven throughout the study of the language. Students must have at least a B in their most recent Spanish AND ELA courses.

**INTRODUCTION TO FOREIGN LANGUAGE: GRADE LEVEL: 9-12: CREDIT: 1: NOT A FOREIGN LANGUAGE CREDIT—ONLY ELECTIVE CREDIT SEMESTERS: 2:** Students will be introduced to Japanese language and culture. Study will include the four basic skills of language: reading, writing, listening, and speaking. Various facets of Japanese culture will be woven throughout the study of the language. Students will mainly work within the present tense, though the past and other forms will be introduced. It is recommended that students have at least a B average in English Language Arts.

## PRACTICAL ARTS

AGRICULTURE ▪ BUSINESS ▪ FACS · MARKETING ▪ INDUSTRIAL ARTS

### **AGRICULTURE (3 APPROVED COURSES= 1 SCIENCE CREDIT)**

**AGRICULTURAL SCIENCE I: GRADE LEVEL: 9: 1 CREDIT: SEMESTERS: 2**

First year Vocational Agriculture class covering leadership careers in agriculture, supervised projects, record keeping, study of animals important to agriculture industry, and training in arc welding.

**AGRICULTURAL SCIENCE II: GRADE LEVEL: 10: CREDIT: 1: SEMESTERS: 2: PREREQUISITE: AG I.**

Second year Vo-Ag training in careers, leadership, supervised projects, AG mechanics, oxyacetylene cutting/welding, MIG welding, and basic plant processes and culture of Missouri field crops.

**AG POWER: Grade LEVEL: 11-12: CREDIT: 1: SEMESTERS: 2: PREREQUISITES: AG I AND AG II.**

The student will learn to maintain small engines, and do minor repairs. The second semester students will design and build a motorized project.

**AG CONSTRUCTION: GRADE LEVEL: 11-12: CREDIT: 1: SEMESTERS: 2: PREREQUISITE: AG I AND AG II.**

This course is designed to advance skills learned in prior Ag classes. Students have the opportunity to build a major project. Class also includes record keeping and leadership training. Supervised project is required.

**A.O.E. WORK:** Available for senior students that have been in Ag for the past three years and have all their credits. Can receive 1 credit for ten hours of work. Maximum of two credits. Subject to approval of Ag teacher and Administration.

### **AG DEPARTMENT COURSES THAT MEET A SCIENCE REQUIREMENT**

**PLANT SCIENCE PRODUCTION AND MARKETING: GRADE LEVEL: 11-12: CREDIT: 1: SEMESTERS: 2:**

**PREREQUISITE: AG I AND AG II. BONUS POINT. DUAL CREDIT (MISSOURI STATE)** Covers all phases of crop production, building on previous courses. Supervised project and leadership training is included.

**ADVANCED LIVESTOCK: (OFFERED IN 22-23) GRADE LEVEL: 11-12: CREDIT: 1: SEMESTERS 2:**

**PREREQUISITE: AG I AND AG II. BONUS POINT: DUAL CREDIT (MISSOURI STATE)**

This course includes the areas of identification and nutrition, feed additives, feed packaging and labeling, evaluation of livestock food processing, principles of showing, sanitation, and quality control. Focus will be toward meat production in beef, swine, and sheep as well as the production and marketing of products.

**EQUINE SCIENCE: (OFFERED IN 23-24) GRADE LEVEL: 11-12: CREDIT: 1: SEMESTERS 2:**

**PREREQUISITE: AG I AND AG II. BONUS POINT: DUAL CREDIT (MISSOURI STATE)** This class is focused on learning about horses and enhancing the understanding of equine care. The beginning of the semester will address basic equine knowledge such as career opportunities, industry expectations, history, breeds, identification, conformation, and judging. Then we will explore concepts in anatomy, physiology, reproduction, health, equine facilities, and management. FFA record books will also be required to keep maintained.



## BUSINESS

### **PERSONAL FINANCE: GRADE LEVEL: 11: CREDIT: 1: SEMESTERS: 2: REQUIRED FOR**

**GRADUATION.** The course focuses on the student's role as a citizen, student, family member, consumer, and active participant in the business world. Instruction includes maximizing earnings potential, developing strategies for managing resources: exploring skills for the wise use of credit, gaining insight into different ways of investing money, risk management, laws that protect the consumer, and how to get redress when things go wrong with a purchase. The course is the beginning of personal financial planning.

**INTRODUCTION TO BUSINESS: GRADE LEVEL: 9-12: CREDIT: 1: SEMESTERS: 2.** This course provides students with a greater understanding of what business is and does and how it functions in our economic system. The course reaches for a broad overview of business functions such as management, marketing, human resources, money management, entrepreneurship, and US and World economics. Through the course students will learn to appreciate their role in our economy as a citizen, a worker, and a consumer.

**COMPUTER APPLICATIONS: GRADE LEVEL: 9-12: CREDIT: .5: SEMESTERS: 1.** Students will learn advanced tools and features of the Microsoft Office software including Word Processing, Excel spreadsheet operations and PowerPoint graphics presentation software.

**MULTIMEDIA: GRADE LEVEL: 10-12: CREDIT: 1: SEMESTERS: 2: BONUS POINT: PREREQUISITE: COMPUTER APPLICATIONS.** This course is designed for experienced computer users who have previously completed Computer Applications. This course is a hands-on exploration of digital tools **AND** design concepts including photography, audio editing, video production and electronic presentations. In addition, you will develop a foundation of knowledge in print and electronic design. Students will utilize functions including graphics, audio, video, print design, web page design, web page maintenance, and electronic presentation skills.

**ADVANCED MULTIMEDIA: GRADE LEVEL: 11-12: CREDIT: 1: SEMESTERS: 2: BONUS POINT: PREREQUISITE: MULTIMEDIA.** This course is designed for Multimedia students who have successfully completed Multimedia with a grade of an A or B both semesters and wish to continue their education in video, audio, design, and other technical components. Students should expect to create a portfolio of their work over the past 2 years.

**DESKTOP PUBLISHING: GRADE LEVEL: 10-12: CREDIT: 1: SEMESTERS: 2: BONUS POINT: PREREQUISITE: B OR HIGHER IN ENGLISH, PREFERABLY A PREVIOUS COMPUTER CLASS, TEACHER PERMISSION WITH AN APPLICATION.** This class will incorporate the planning, preparation, and production of the school yearbook. Included in the course are: layout decision and drawing, writing copy and captions, taking and selecting photographs and entering data into the computer.

**ACCOUNTING I: GRADE LEVEL: 10-12: CREDIT: 1: SEMESTER: 2.** Studies will include planning, summarizing, analyzing and interpreting financial information. The study of accounting will prepare students for employment and assist them in keeping personal records.

**ACCOUNTING II: GRADE LEVEL: 11-12: CREDIT: 1: SEMESTERS: 2: BONUS POINT: PREREQUISITE: ACCOUNTING I.** Studies will include planning, summarizing, analyzing and interpreting financial information. The study of accounting will prepare students for employment and assist them in keeping personal records. Every student who plans to major in any field of business in college and who wants to know more about managing their money should take this course. Computerized learning will be included. The DECA Student Organization will be part of the curriculum.

**BUSINESS MANAGEMENT & LEADERSHIP: GRADE LEVEL: 11-12: CREDIT 1: SEMESTERS: 2:** This course will approach workplace skills such as communication, professionalism and leadership through the lens of business. An emphasis on critical thinking skills, leadership development, and professional development are also stressed throughout the course. Hands on experiences in leadership through community development are to be expected.

## MARKETING

### **ENTREPRENEURSHIP: GRADE LEVEL: 11-12: CREDIT: 1: SEMESTERS: 2: BONUS POINT: DECA**

**MEMBERSHIP** Class is designed to provide students the background for creating, organizing and owning his or her own business. This will include work in financing, marketing, legal issues for small businesses, advertising, sales, inventory, and management. Students will run the school-based enterprise lab “The Pat Shack” during the 4<sup>th</sup> hour class. Students will also train on multiple pieces of equipment used in the production of goods for “Patriot Printing and Design”. This class may serve as a concurrent requirement for Marketing Internship/COE work program.

### **FUNDAMENTALS OF MARKETING I: GRADE LEVEL: 9-12: CREDIT: 1: SEMESTERS: 2 DECA**

**MEMBERSHIP** A class designed for students who are interested in the field of marketing and management. This course provides students with an understanding of the fundamental marketing processes such as selling, promotion, pricing, advertising, and human resource development. Students are also orientated to the American free enterprise system. This class is a requirement to participate in the Marketing Internship (COE) program.

### **ADVANCED MARKETING: GRADE LEVEL: 10-12: CREDIT: 1: SEMESTERS: 2: BONUS POINT:**

**PREREQUISITE: FUND OF MARKETING: DECA MEMBERSHIP** Students will continue with concepts learned in Marketing I and be involved in DECA curriculum projects.

**COE: GRADE LEVEL: 12: CREDIT: .5 PER SEMESTER** One-half credit per semester if work average is 10-19 hours per week and 1 unit of credit per semester if work average is 20 hours or more per week. Students are placed in acceptable training sites (places of employment), which contribute to the development of competencies for successful employment in the field of marketing. The student must be concurrently enrolled in a marketing course. This is a cooperative vocational education program. \*\*Student must see COE Coordinator before enrolling.\*\*

### **SPORTS AND ENTERTAINMENT MARKETING: GRADE LEVEL: 10-12: CREDIT: .5: SEMESTERS: 1.**

**DECA MEMBERSHIP** This course focuses on marketing and management functions and tasks that can be applied in amateur or professional sports or sporting events, entertainment or entertainment events, selling or renting of supplies and equipment used for recreational or sporting purposes, products and services related to hobbies or cultural events, or businesses primarily engaged in satisfying the desire to make productive or enjoyable use of leisure time.

### **FASHION MARKETING: GRADE LEVEL: 10-12: CREDIT: .5: SEMESTER: 1: DECA MEMBERSHIP**

Focuses on the real world of fashion marketing. Information on designers, companies, fashion centers of the world, types of fashion and trends, distribution, creating, pricing, and preparing for fashion career is completed in this semester course.

### **LEADERSHIP IN THE WORKPLACE: GRADE LEVEL: 9-12: CREDIT: 1: SEMESTERS: 2: DECA**

**MEMBERSHIP** This project-based leadership course develops student understanding and skills in areas such as emotional intelligence, professional development and communication. Students acquire an understanding and appreciation of leadership at school, at home and in the community. The capstone activity of the course is the implementation of a service-learning. Throughout the course, students are presented with problem-solving situations for which they must apply academic and critical-thinking skills. DECA units will be studied. Formal reflection is an on-going component of the course. DECA membership is highly encouraged for this course.

### **HOSPITALITY MARKETING AND MANAGEMENT: GRADE LEVEL: 11-12; CREDIT: .05; SEMESTERS: 1**

**DECA MEMBERSHIP.** This class is designed to help prepare students with basic knowledge in serving as managers and directors of hospitality operations on a system-wide basis, including both travel arrangements and promotion and the provision of traveler facilities. Includes instruction in principles of operations in the travel and tourism, hotel and lodging facilities, food services and recreation facilities industries; hospitality marketing strategies; hospitality planning; management and coordination of franchise and unit operations; business management; accounting and financial management; hospitality transportation and logistics; and hospitality industry policies and regulations. A capstone project in creation and operations of a food truck will be required.

## FAMILY AND CONSUMER SCIENCES (FCS)

### **CAREER DEVELOPMENT/ENTREPRENEURSHIP: (FACS I): GRADE LEVEL: 9-12: CREDIT: 1:**

**SEMESTERS: 2.** To prepare students for family life through the general study of family and consumer sciences, including how individuals develop and function in the family, work, and community. Instruction in consumer education, food and nutrition, family living and parenthood education, child growth and development, housing and interior design, and clothing and textiles will be included. Career exploration and its impact on the family and leadership skills will be key components.

**NUTRITION AND WELLNESS: GRADE LEVEL: 11-12: CREDIT: .5: SEMESTERS: 1:** Students will understand the principles of nutrition: the relationship of nutrition to health and wellness: the selection, preparation and care of food: meal management to meet individual and family food needs and patterns of living: food economics and ecology: optimal use of the food dollar: understanding and promoting nutritional knowledge: and application of related math and science skills.

### **INTERNATIONAL FOODS (ADVANCED FOODS): GRADE LEVEL: 11-12: CREDIT: .5: SEMESTERS: 1:**

**PREREQUISITE: NUTRITION AND WELLNESS.** Students will gain an increased understanding of the world around them as they investigate the culture, geography, history and the cuisine of various people in the world. They will learn to prepare and appreciate a variety of different foods using different techniques for food preparation.

**CHILD DEVELOPMENT 1: GRADE LEVEL: 10-12: CREDIT: .5: SEMESTERS: 1.** An instructional program that describes the study of the intellectual, social, emotional, and biological development of children and the planning and design of related human services. Includes instruction in parent-child relations: parenting practices: special needs of children: parental and environmental influences on child development. This course includes practical experiences.

### **CHILD DEVELOPMENT 2: GRADE LEVEL: 10-12: CREDIT: .5: SEMESTERS: 1: PREREQUISITE: CHILD**

**DEVELOPMENT.** An instructional program that provides advance study in child development and guidance, including physical social emotional and intellectual development of children. Actual experiences in supervising children provide the opportunity to improve parenting skills, explore careers related to child development and generate employment skills.

**HOUSING ENVIRONMENT & DESIGN: GRADE LEVEL: 11-12: CREDIT: .5: SEMESTERS: 1** An instructional program that describes the study of the behavioral, social, economic, functional, and aesthetic aspects of housing, interiors, and other built environments. Includes instruction in analyzing, planning, designing, furnishing, and equipping residential, work, and leisure spaces to meet user needs and the study of related public policies.

### **CAREER PATHWAYS FOR THE TEACHING PROFESSION: GRADE LEVEL: 11-12: CREDIT: 1:**

**SEMESTERS: 2** Focuses on the general theory and practice of learning and teaching: the basic principles of educational psychology: the art of teaching: the planning and administration of educational activities: school safety and health issues: and the social foundations of education. This program helps prepare secondary students for future careers in education and training.

### **PRACTICUM IN TEACHING PATHWAY: GRADE LEVEL: 11-12: CREDIT: 1: SEMESTERS: 1:**

**PREREQUISITE: CAREER PATHWAYS FOR THE TEACHING PROFESSION** Students will participate in practical application of their chosen field of education grades K-12. This course will provide students a seamless pathway to a career in education and training through academic coursework, study of the profession, and experiential learning activities. Students will be assigned an elementary class PK-4. This course will include online instruction and students can receive A+ tutoring hours.

**FOOD SCIENCE: GRADE LEVEL: 11-12: CREDIT: 1: SEMESTERS-2 SCIENCE CREDIT.** See Science Department for course description.

**FAMILY & INDIVIDUAL HEALTH: GRADE LEVEL: 9-12: CREDIT: .5: SEMESTERS: 1.** See Health/P.E., Department for course description.

## INDUSTRIAL ARTS

**WOODWORKING TECHNOLOGY: GRADE LEVEL: 9-12: CREDIT: 1: SEMESTERS: 2.** This course will cover areas of woodworking including planning and design, the safe use of powered machines and hand-tools, standard grades, sizes, and species of lumber, identification and appropriate use of various fasteners and joinery, basic wood finishing materials and methods, and how to calculate the cost of a project. Students will be required to pay in advance for each of 3 required projects.

**ADVANCED WOODWORKING TECHNOLOGY: GRADE LEVEL: 10-12: CREDIT: 1: SEMESTERS: 2:**  
**PREREQUISITE: GRADE OF B OR BETTER IN WOODWORKING TECHNOLOGY 1** This course starts with a review of planning and design, and power machine and hand tool safety. Students will be shown a more in-depth study of woodworking technologies with emphasis on more difficult projects and manufacturing techniques. Successful completion of this class will help students interested in employment in the woodworking technology career fields. Students will pay for all materials and supplies needed for their projects.

## ADDITIONAL CLASSES

**PEER TUTORING: GRADE LEVEL: 11-12: CREDIT: .5: SEMESTERS: 1. PREREQUISITE: MEMBER OF A+ PROGRAM.** This class provides students in grades 11 and 12 an opportunity to gain hours toward the A+ program to satisfy the tutoring requirements. Students must be a member in good standing of the A+ program. Students will aid and assist other students under teacher direction and provide tutoring in the subject area. Students must be well versed in the content area in which they are placed. Once placed students will remain in the class the entire semester.

**FLEX PROGRAM: GRADE LEVEL: 11-12: CREDIT: UP TO 2 CREDITS PER SEMESTER. PREREQUISITE: PRINCIPAL/COUNSELOR PERMISSION.** This program may provide students the opportunity to earn credit for work, college, or a technical school. Students must be on target for graduation, provide evidence of employment or enrollment, develop an academic plan that is aligned with work or school, maintain a 95% attendance rate, and avoid suspension or expulsion. Students must attend classes at East Newton a minimum of 3 hours per day. The Flex class will be pass/fail and will not count toward academic standing. Students must meet specific criteria to be able to enroll in the FLEX program. Students not able to meet these criteria MAY be able to enroll in C.O.E. or A.O.E.

**LIBRARY SCIENCE: GRADE LEVEL: 10-12: CREDIT: 1: SEMESTERS: 2. BY APPLICATION AND SELECTION ONLY.** Teaches the use of the online catalog, classification systems, reference books, and research databases. Practical experience in shelving, using an automated circulation system, using audio-visual equipment, and processing media. Students are required to read and complete daily activities in the library. Intensive training takes place during the first semester, so students are not allowed to enroll for second semester only. A strong work ethic, reading enjoyment, attention to detail, and good attendance are a must to be successful in this course.

## PHYSICAL EDUCATION, HEALTH, CAREER TECH

P.E. · CCTEC · HEALTH

### PHYSICAL EDUCATION

1 CREDIT REQUIRED FOR GRADUATION

**WEIGHT TRAINING: GRADE LEVEL: 9-12: CREDIT: 1: SEMESTERS: 2.** Students will participate in weight lifting exercises that will help build up and sustain muscle mass, bone density, and body strength. Also, students will participate in cardiovascular fitness exercises for this class. ALL ATHLETES are expected to enroll.

**LIFETIME SPORTS: GRADE LEVEL: 9-12: CREDIT: 1: SEMESTERS: 2.** Lifetime Sports is a course that focuses on physical fitness and lifetime skills needed to participate in various sports and activities. Students will develop an appreciation for wellness through daily exercise regimen and be able to identify the areas of weakness in different aspects of his/her aerobic capacity and fitness levels.

### HEALTH

.5 CREDIT REQUIRED FOR GRADUATION

**HEALTH: GRADE LEVEL: 9-12: CREDIT: .5: SEMESTERS: 1.** This class covers the physical, mental, and social well-being. Its focus is on wellness, preventive health and safety measures. Topics include cancer prevention, sexually transmitted diseases, nutrition, tobacco, alcohol, and drugs.

#### **FCS DEPARTMENT COURSE:**

**FAMILY & INDIVIDUAL HEALTH: GRADE LEVEL: 9-12: CREDIT: .5: SEMESTERS: 1.** Prepares students to understand the related aspects of health and wellness with special emphasis on nutrition, emotional and physical health: the relationship of the health of an individual to the wellness of the family: the prevention of illness and health issues. This course meets the ½ unit health requirement in the high school curriculum classification standard for graduation.

## CAREER TECHNICAL SCHOOL

**CTEC: GRADE LEVEL: 11-12: CREDITS: 3: SEMESTERS: 2: HALF DAY COURSE AT CROWDER TECHNICAL EDUCATION CENTER.** Students must apply and be selected to attend these classes. The classes are designed to give the student training in an area for which he/she wishes to seek employment. Areas available for training include advanced manufacturing, auto body repair, auto mechanics, construction technology, computer technology, cosmetology, criminal justice, diesel mechanics, early childhood education, health occupations, and welding. College credit is available through dual enrollment by meeting prerequisite criteria: 3.0/4.0 GPA, 16 years old, complete sophomore year of high school, and pay college credit fee.

### **ADVANCED MANUFACTURING (CTEC) Grade 12**

Students will be enrolled in Crowder College's Associate of Applied Science Degree: Advanced Manufacturing Technology: Manufacturing Maintenance Option. Students will complete the following courses: AMT 102, AMT 104, AMT 204, AMT 206, AMT 111, and AMT 142.

### **AUTOMOTIVE TECHNOLOGY (CTEC) Grades 11-12**

The Automotive Technology program is a two year program designed for students who desire a career in the field of automotive service and repair. CTEC is an Automotive Service Excellence (ASE)/National Automotive Technology Education Foundation (NATEF) Certified Program. Using the ASE curriculum, this program will provide a solid foundation for the graduate who plans to attend college with a major in Automotive Technology or enter the workforce. This course focuses on Engine Performance, Brakes, Steering and Suspension, and Electrical Systems. Instruction consists of classroom instruction and shop participation. Students can earn the following college credit from Crowder College: AUTO 124, AUTO 125, AUTO 224, and AUTO 225 while in the high school program.

### **BUILDING TRADES (CTEC) Grades 11-12**

The Construction Technology Program is a two year program designed for students who desire a career in the field of construction. Students will have exposure to floor and wall framing, roofing, siding, electrical wiring, insulation, interior finish, plumbing, painting, and masonry. Students have the opportunity to earn the OSHA and NCCER Level I Certification. Students can earn the following college credit from Crowder College: CONS 105, CONS 112, and CONS 116, CONS 123, CONS 133, and CONS 143.

### **CAREER TECHNICAL EDUCATION PREPARATION (CTEC) Grade 10 AM ONLY**

Vocational Preparation is the only program offered to sophomores. This course is an exploratory course meant to be taken prior to enrollment into one of Crowder College Technical Education Centers Programs. Students will experience each program in two-week modules. Time is spent in the classroom learning basic math and communication skills required for that technical area of study and in the shop with hands on exposure to the trade. During the fourth quarter, students will choose two programs that interest them and shadow the program. Upon completion of the course, students will have a better understanding of the Career and Technical Program for enrollment their junior and senior year.

**Approval is needed by the high school counselor for enrollment into this program**

### **COMPUTER TECHNOLOGY (CTEC) Grades 11-12**

A two-year program designed for students who desire a career in the computer field. Computer Technology prepares students for employment as support personnel in the areas of computer and information services. Students successfully completing this program will understand the setup and maintenance of computer systems. Students will take the CompTIA Strata Certification test prior to graduation. Students can earn the following college credit from Crowder College: CNS 101, CNS 111, CNS 112, and CNS 149.

### **COSMETOLOGY (CTEC) Grades 11-12 PM ONLY**

Students will acquire the training and instruction necessary to obtain their cosmetology license and be ready upon completion of the program to enter into the workplace. Students will attend a local cosmetology school to receive their training. To attend the training, students will be required to drive themselves to the training facility and meet the hours of an extended cosmetology schedule which includes late afternoon, summer, and school holiday hours. There will be \$500 cost to students upon acceptance into the program to cover equipment. Students will be responsible for their own transportation to the classes. Classes will begin in July

**CRIMINAL JUSTICE (CTEC) Grades 11-12**

Students will be introduced to the field of law enforcement. This course will be a cadet style class with emphasis placed on basic laws, report writing, criminal investigation, and first responder services. Upon completion of this program, students will be able to continue their education in law enforcement or obtain employment in loss prevention/security.

**DIESEL TECHNOLOGY (CTEC) Grades 11-12**

A two-year program designed for students who desire a career in the field working with or related to diesel vehicles. This program uses curriculum approved by the Automotive Service Excellence (ASE)/National Automotive Technology Education Foundation (NATEF) Certified Program. Students will be ready to continue their education with a major in Diesel Technology or enter the workforce. Students can earn the following college credit from Crowder College: DIES 124, DIES 144, DIES 164, DIES 184, and DIES 224.

**GEOMETRY IN CONSTRUCTION (CTEC) Grades 11-12 PM ONLY**

Is a program to address student comprehension in mathematics, CTEC will have a construction teacher and geometry teacher co-teach together alternating between construction and geometry.

Students will build a tiny house that will correlate with their Geometry program. Students will alternate time between the construction program and their geometry program to have the students put the abstract concepts into real world hands on applications through building a house.

**HEALTH SCIENCES (CTEC) Grades 11-12**

Students will be introduced to the health field. The first year of study will place emphasis on Anatomy and Physiology (covering biochemistry, cell structure and function, genetics, development and metabolism) and Medical Terminology. During the second year, students will study the state curriculum required to obtain their Certified Nursing Assistant Certification. During this time, students will spend a minimum of 75 hours in the classroom and 100 hours in the clinical setting. Students will take the Certified Nursing Assistant State Certification Test prior to graduation. Students can earn the following college credit from Crowder College: CNA 101, CNA 102, CAN 103, CAN 104, CAN 106, and CAN 130.

**TEACHER PREPARATION (CTEC) Grades 11-12**

The early childhood education program is a two year program designed for students who wish to pursue a career in Early Childhood Education. Graduates are prepared to continue as an early childhood teacher at Head Start or in a private

Institution. Students will focus on children ages 3-5. In addition to class work, 480 hours will be spent working in a state approved early childhood facility. Students will be prepared to take the Child Development Associate national certification test upon completion of

the program. Students can earn the following college credit from Crowder College: ECD 101 and ECD 103.

**WELDING TECHNOLOGY (CTEC) Grades 11-12**

Students will learn the skills necessary for entry level welding and layout jobs. First year students will focus heavily on gas, MIG and ARC welding. In addition, they will use the cutting torch and be exposed the basic skills necessary to weld. Second year students will receive instruction in MIG, ARC and TIG welding on a more advanced level, while also working on layout skills and employment skills. Students will take the American Welding Society Certification test prior to graduation in the area(s) of their choice and expertise. Students can earn the following college credit from Crowder College: WELD 113, WELD 145, WELD 150, and WELD 155.