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# **Crest Ridge High School**

Career and Academic Planning Guide

Course Catalog

2022-2023



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# Career and Academic Planning Guide

## Table of Contents

[Mission Statement:](#)

[Notices of Non-Discrimination](#)

[Every Student Succeeds Act](#)

[Public Notice](#)

[FERPA Annual Rights Notification](#)

[Graduation Requirements](#)

[Core Courses \(Required for all students\):](#)

[Athletic Eligibility](#)

[MSHSAA Eligibility](#)

[NCAA Athletics Eligibility](#)

[High School Special Programs](#)

[A + Schools Program](#)

[Articulated Credits](#)

[Dual Credit](#)

[School Flex Program](#)

[Missouri Course Access and Virtual School Program](#)

[Credit Recovery](#)

[Honoring our Graduates](#)

[Career Planning](#)

[2022 - 2023 Course Descriptions](#)

[Course Descriptions by Department](#)

[COMMUNICATION ARTS](#)

[MATHEMATICS](#)

[SCIENCE](#)

[SOCIAL STUDIES](#)

[PRACTICAL ARTS](#)

[Click Here to Return to the Table of Contents](#)

---

[Agriculture](#)

[Business](#)

[Family Consumer Sciences](#)

[Project Lead The Way \(PLTW\)](#)

[FINE ARTS](#)

[VISUAL ARTS](#)

[MUSIC](#)

[PHYSICAL EDUCATION](#)

[FOREIGN LANGUAGE](#)

[ELECTIVES](#)

[Warrensburg Area Career Center](#)

[Dual Credit: ITV or Online](#)

[GRADES 9-12, UCM](#)

[Additional Learning Opportunities](#)

[Crest Ridge Student Organizations:](#)

[Assessments:](#)

[Other learning opportunities through Guidance Curriculum:](#)

[Sample Forms](#)

[Crest Ridge High School A+ Participation Agreement](#)

[Personal Plan of Study](#)

[Click Here to Return to the Table of Contents](#)

---

**CREST RIDGE R-VII HIGH SCHOOL**  
92 NW 58 HIGHWAY  
CENTERVIEW, MO 64019  
*“Developing self-directed learners”*

February 1, 2022:

Dear Parents and Students;

This Career and Academic Planning Guide is intended to assist students as they make plans for a career that will lead to a rewarding and enjoyable future. We urge students and parents to work with the school faculty to review the information in this book in preparation for creating the student's Individual Career and Academic Plan (ICAP). Each year we will revisit the student's Individual Career and Academic Plan.

The ICAP is the student's unique plan of study which outlines courses that align with future education and career goals. When students see the relevance of high school course work to what they aspire to in their future, they are more apt to take school more seriously and enroll in more rigorous courses. Remember course selection is very important and schedule changes can be very difficult. Included in this guide is a Program of Study for each of the 16 Career Clusters. The program of study will assist students in choosing classes that will best prepare them to continue their education and training.

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

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

Sincerely,  
Courtney Cumpton  
Crest Ridge Secondary School Counselor in training  
ccumpton@crestridge.org

[Click Here to Return to the Table of Contents](#)

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## **Johnson County R-VII School District**

### **Crest Ridge High School**

#### **Mission Statement:**

The mission of the Johnson County R VII School District is to cultivate school, family, and community relationships which promote accountability, respect, and integrity and foster the development of career and college-ready individuals.

#### **Value Statements:**

We will provide our students with a safe and nurturing environment which promotes a love of learning.

We will help students accept responsibility for their learning and conduct.

We will keep parents informed of student progress and offer suggestions for assisting their children.

We will model respect and accountability to students, parents, and staff members.

We will use the results of assessments to make instructional adjustments and improvements.

We will promote the success of every student.

We will expand our community outreach to build relationships between our students and our community.

We will unite as a team with families and community to provide for the education of our students.

We will commit to the success of all students by supporting and encouraging each other and focus on student learning.

We will have high expectations and promote active learning through appropriate and innovative curriculum

[Click Here to Return to the Table of Contents](#)

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### **Notices of Non-Discrimination**

UNDER TITLE VI TITLE IX, SECTION 504, AGE DISCRIMINATION ACT, TITLE II OF THE AMERICANS WITH DISABILITIES ACT.

The Johnson County R-VII School District does not discriminate on the basis of race, color, national origin, sex, disability, or age in its programs and activities. A number of federal statutes protect the rights of beneficiaries in programs or activities that receive financial assistance from being discriminated against. Specifically, the following statutes prohibit discrimination: Title VI on the basis of race, color, and national origin; Title IX on the basis of sex; Section 504 on the basis of disability; the Age Discrimination Act on the basis of age; and Title II prohibits state and local governments from discriminating on the basis of disability. The regulations implementing the above statutes require school districts to notify students, parents, and others that they do not discriminate on the basis of race, color, national origin, sex, disability, and age. Title VI, 34 C.F.R. § 100.6(d); Title IX, 34 C.F.R. § 106.9; Section 504, 34 C.F.R. § 104.8; Age Discrimination Act, 34 C.F.R. § 110.25; Title II, 28 C.F.R. § 35.106. Additionally, Johnson County R-VII School district provides equal access to the Boy Scouts and other designated youth groups.

### **Johnson County R-VII School District Notice of Non-Discrimination Regarding Special Education**

The Johnson County R-VII School District complies with all federal and state laws regarding identification, evaluation and delivery of services to students who have been identified as having a disability according to the Individuals with Disabilities Education Act (IDEA). Educational, Related and Support Services will be provided to these students according to their unique needs as stated in their Individual Education Plan. Services will be extended to all students found eligible regardless of race, creed, socio-economic status, sex or disabling condition. The district assures that students will have an equal opportunity to participate in program options, non-academic and/or extra-curricular activities and services offered by the district. The District Compliance Plan is available for public viewing at the address listed below.

Inquiries or complaints regarding the Johnson County R-VII District's compliance with Non-Discrimination and the Individuals with Disabilities Education Act (IDEA) may contact policies may be addressed to:

Superintendent of Schools,  
Johnson County R-VII School District  
92 NW Hwy 58  
Centerview, Missouri 64019  
660-656-3316

### **Every Student Succeeds Act**

Adopted by the Missouri Department of Elementary and Secondary Education, January 22, 2019. Click on the link below to access the details to the Every Student Succeeds Act.

<https://dese.mo.gov/sites/default/files/qs-ESSA-Plan-2019.pdf>

[Click Here to Return to the Table of Contents](#)

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## **Public Notice**

All responsible public agencies are required to locate, evaluate, and identify children with disabilities who are under the jurisdiction of the agency, regardless of the severity of the disability, including children attending private schools, children who live outside the district but are attending a private school within the district, highly mobile children, such as migrant and homeless children, children who are wards of the state, and children who are suspected of having a disability and in need of special education even though they are advancing from grade to grade. The Johnson County R-VII School District assures that it will provide a free, appropriate public education (FAPE) to all eligible children with disabilities between the ages of 3 and 21 under its jurisdiction. Disabilities include autism, deaf/blindness, emotional disorders, hearing impairment and deafness, mental retardation/intellectual disability, multiple disabilities, orthopedic impairment, other health impairments, specific learning disabilities, speech or language impairment, traumatic brain injury, visual impairment/blindness and young child with a developmental delay.

The Johnson County R-VII School District assures that it will provide information and referral services necessary to assist the State in the implementation of early intervention services for infants and toddlers eligible for the Missouri First Steps program.

The Johnson County R-VII School District assures that personally identifiable information collected, used, or maintained by the agency for the purposes of identification, evaluation, placement or provision of FAPE of children with disabilities may be inspected and/or reviewed by their parents/guardians. Parents/guardians may request an amendment to the educational record if the parent/guardian believes the record is inaccurate, misleading, or violates the privacy or other rights of their child. Parents have the right to file complaints with the U.S. Department of Education or the Missouri Department of Elementary and Secondary Education concerning alleged failures by the district to meet the requirements of the Family Educational Rights and Privacy Act (FERPA).

The Johnson County R-VII School District has developed a Local Compliance Plan for the implementation of State Regulations for the Individuals with Disabilities Education Act (IDEA). This plan contains the agency's policies and procedures regarding storage, disclosure to third parties, retention and destruction of personally identifiable information and the agency's assurances that services are provided in compliance with the General Education Provision Act (GEPA). This plan may be reviewed at the District Office between the hours of 8:00 am and 4:00 pm, Tuesday thru Friday.

## **Admission of Homeless Students**

The Board of Education is committed to providing equal access for all eligible homeless students to a free, appropriate education in the same manner as is provided to other District students. In carrying out this commitment, the District will identify and assess the needs of the District's homeless students; provide for the placement of its homeless students in the school of best interest; provide access to the District's programs; and appoint a homeless coordinator. The Superintendent will review all District policies to determine whether they act as barriers to the enrollment of homeless students. Special attention will be given to policies regarding transportation, immunization, residency, birth certificates, school records and guardianship.

[Click Here to Return to the Table of Contents](#)

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## **Admission of Migrant Students**

The Board of Education is committed to the identification, needs assessment and enrollment of migrant students living within the District. The District's Coordinator of Programs for Homeless Students is also responsible for implementation and maintenance of the District's program for migrant students.

## **FERPA Annual Rights Notification**

Each year the Johnson County R-VII School District is required to give notice of the various rights accorded to parents or students pursuant to the Family Educational Rights and Privacy Act (FERPA). Parents and students have a right to be notified and informed. In accordance with FERPA, you are notified of the following:

**RIGHT TO INSPECT:** You have the right to review and inspect substantially all of your education records maintained by or at this institution.

**RIGHT TO PREVENT DISCLOSURES:** You have the right to prevent disclosure of education records to third parties with certain limited exceptions. It is the intent of this institution to limit the disclosure of information contained in your education records to those instances when prior written consent has been given to the disclosure, as an item of directory information of which you have not refused to permit disclosure, or under the provisions of FERPA which allow disclosure without prior written consent. One exception which permits disclosure without consent is disclosure to school officials with legitimate educational interests. A school official is a person employed by the school district as an administrator, supervisor, instructor, or support staff member (including health or medical staff and law enforcement unit personnel); a person serving on the school board; a person or company with whom the school district has contracted to perform a special task (such as an attorney, auditor, consultant, or therapist); or a parent, student or volunteer serving on an official committee, such as a disciplinary or grievance committee. A school official has a legitimate educational interest if the official needs to review an education record in order to fulfill his or her professional responsibility.

**RIGHT TO REQUEST AMENDMENT:** You have the right to seek to have corrected any parts of an education record which you believe to be inaccurate, misleading or otherwise in violation of your rights. This right includes the right to a hearing to present evidence that the record should be changed if this institution decides not to alter the education records according to your request.

**RIGHT TO COMPLAIN TO FERPA OFFICE:** You have the right to file a complaint with the Family Policy Compliance Office, U.S. Department of Education, Washington, D.C., 20202-4605, concerning the Johnson County R-VII School District's failure to comply with FERPA.

**RIGHT TO OBTAIN POLICY:** You have the right to obtain a copy of the written policy adopted by the Board of Education of the Johnson County R-VII School District in compliance with FERPA. A copy may be obtained in person or by mail from:

Office of the Superintendent  
Johnson County R-VII School District  
92 NW 58 Hwy.  
Centerview, Missouri 64019  
(660)-656-3316

## **Child Abuse and Neglect (Missouri Public Law, Section 210.220 to 210.165 — June 1975)**

When school officials, including teachers, school nurses, principals, and other persons with the responsibility for the care of children, have reasonable cause to believe that a child has been or may be subjected to abuse or neglect, he or she is required by law to report such suspicions to the Missouri Division of Family and Children's Services immediately.

[Click Here to Return to the Table of Contents](#)



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## Graduation Requirements

Graduation requirements for the Johnson County R-VII School District are outlined below:

English	4 credits	Fine Arts	1 credit
Math	3 credits	Practical Arts	2 credits
Science	3 credits	Health	0.5 credits
Social Studies	3 credits	Personal Finance	0.5 credits
Electives	6 credits	Physical Education	1 credit

**Total Credits = 24**

In addition to the program of study for graduation from Crest Ridge High School, a student must pass proficiency exams for the Missouri and the United States Constitutions, United States Citizenship and complete CPR training to qualify for graduation from a public high school in the state of Missouri. Students are also required by Missouri Department of Elementary and Secondary Education to take End-of-Course (EOC) exams in Algebra I, English II (ELA II), Biology, and American Government. Students earning Algebra I credit in 8<sup>th</sup> grade are also required to take the Algebra II EOC.

### ***Core Courses (Required for all students):***

**Language Arts** – English Language Arts I, English Language Arts II, English Language Arts III, and 1 additional credit of ELA. WACC students will receive 1 credit from 2 years of Technical Skills English Language Arts.

**Social Studies** – American History, World History, American Government

**Science** – Physical Science, Biology and one additional science\*

**Mathematics** – All students must complete Algebra I. Algebra I credit earned in 8<sup>th</sup> grade may count for 1 high school math credit if the student earns a C or above for semester grades, and receives a Proficient or Advanced rating on the end of course exam. Students must also complete 2 additional credits of Math. Students attending WACC will receive 1 Math credit with 2 years of technical skills math at WACC.

**Physical Education** – Physical Education is required during the freshman year.

\*1 Science Credit can be earned from 2 Semesters of Ag. Structures, Ag. Construction, Ag. Business, Animal Science, Veterinary Science, Horticulture Science I, Horticulture Science II, Small Engine Repair, or Ag Communications and Leadership, having met the Ag. Science I pre-requisite.

**1 Science** Credit may be earned through the Health Sciences program through Warrensburg Area Career Center

**.5 Health** Credit may be earned through the Health Sciences program through Warrensburg Area Career Center.

### **Note:**

- **Fine arts** are classes in music or art. Colleges call them performing arts.
- **Practical arts** are classes in Business, Family and Consumer Sciences, Agriculture, Project Lead the Way, school-to-career, and Career and Technology education (WACC courses). Colleges generally will not require these; however, two units are still required for high school graduation.

[Click Here to Return to the Table of Contents](#)

## Options and Guidelines for Students Planning their Education Beyond High School

Students planning to attend college need to be prepared to make informed choices that can affect their admissions to Missouri colleges and universities. The Coordinating Board for Higher Education requires a minimum of 16 core curriculum requirements for admission to all public four-year colleges and universities in Missouri.

Curriculum Areas	Entering Freshman University of Missouri System Credit Requirements	Missouri Public 4 Year Colleges Credit Requirements	Community & Technical Colleges	Military Careers	Apprenticeships
<b>Communication Skills</b>	4 Units	4 Units	High School Diploma, GED, or a Completion of Home School Program	High School Diploma	Most Require a High School Diploma or a GED and must be at least 18 years of age
<b>Social Studies</b>	3 Units Govt ½	3 Units Govt ½			
<b>Mathematics</b>	4 Units Alg I & Higher	3 Units Alg I & Higher			
<b>Science</b>	3 Units 2 of 3 from Bio, Chem, Physics & Earth Science	3 Units No General Science 1 must be a lab class			
<b>Fine Arts</b>	1 Unit	1 Unit			
<b>Practical Arts</b>	0 Units	0 Units			
<b>Physical Education</b>	0 Units	0 Units			
<b>Additional Electives</b>	2 Units 2 Years of the same foreign language	3 Units selected from foreign language &/or core courses			
<b>Totals</b>	22 Units Plus appropriate class rank and a minimum score of 24 on ACT	23 Units Plus appropriate class rank and ACT score			

[Click Here to Return to the Table of Contents](#)

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## Athletic Eligibility

### Crest Ridge Eligibility

Any student who fails one or more semester class will be ineligible for MSHSAA events as well as school dances, royalty, non-curricular field trips, and non-curricular programs. This ineligibility will be based upon the previous semester, and the student will be ineligible for that current semester. If the activity is considered co-curricular the student will be able to participate with the permission of the school administrators (FFA, Band, and Choir).

If a student fails a single class during the first semester, that student may opt to recover that credit (and their athletic eligibility) by using the credit recovery program offered during January.

Program completion will consist of:

- Complete an appropriate credit recovery course using the Launch Recovery Program or teacher provided materials.
- Sit out of athletic contests and activities during a two week academic-recovery period beginning on the first day of the second semester
- Utilize the after-school program's academic support program for at least 8 hours during the two week academic-recovery program

For a failed class second semester, the student will utilize the secondary schools two week summer school program to recover credit using the Launch Recovery Program or teacher provided materials.

If a student does not complete the credit recovery course by the close of the two week period, they may regain eligibility when the course is complete as long as they have met the other requirements of the credit recovery program.

### MSHSAA Eligibility

Students planning to participate in High School Athletics must have earned 3 credits from the prior semester.

Therefore, student athletes must pass 6 of the 7 semester classes in order to compete in MSHSAA sponsored athletic programs and other competitive events, such as Band, Vocal Music, Speech and Debate, and Academic Team. The student shall currently be enrolled in and regularly attending courses that offer 3.0 units of credit. A beginning ninth grade student shall have been promoted from the eighth grade to the ninth grade for first semester of eligibility. A student must be making satisfactory progress towards graduation as determined by local school policies. There is a maximum age limit for participation. More information can be found at: [www.mshsaa.org](http://www.mshsaa.org)

[Click Here to Return to the Table of Contents](#)

## Guidelines for Non-Traditional Students who Desire Eligibility to Participate in MSHSAA Activities/Athletics

1. Non-traditional students are those not receiving educational services from a public school district or MSHSAA-affiliated private school. In order to attend and gain eligibility, a student must reside within the Crest Ridge district boundary.
2. Non-traditional students must enroll and attend a minimum of two classes (at least 1.0 credit) each semester. Pursuant to MSHSAA By-Law 2.3.4.c, these two classes must be seat-time classes taken within the school building.
3. Upon initial enrollment the building principal or designee will review past classes, academic history, credits, logs, attendance, transcripts, etc. To determine “prior semester” credit earned to determine eligibility status--students must have demonstrated normal academic progress (per age and grade) to be considered.
4. Non-traditional students must meet the essential student-athlete standards (citizenship standard, semester rule, age rule, etc.) as traditional students.
5. After the initial review, the building principal or designee will continually review semester classes to approve and validate that “outside” courses/credits are sufficient to meet the 80% rule for non-traditional students . (See Table Below) To remain eligible, Crest Ridge requires that students pass all courses (No F’s).
6. Non-traditional students will be provided clear confirmation of Crest Ridge School semester end date. This timeline for completion of courses will also be used to evaluate non-traditional students’ outside courses.
7. If a non-traditional student participates in Band or Choir, they must be enrolled in the associated class to participate in music activities.
8. All non-traditional students will be held to the same policies and standards as traditional students set forth by Crest Ridge handbooks.
9. Once enrolled, non-traditional students must enroll in all sequential semesters to maintain eligibility (will be considered a transfer student if unenrolled).

Academic Structure:	7-hr day (each class 0.5 credit)
Maximum Credit Available per semester at our School	3.5 credits
Credit Needed to meet 80% Rule	3.0 credits
Seat-Time, Credits that must be taken by Non-Traditional 2 student (credit <u>minimum</u> )	1.0 credits
Non-transcripted credit <b>equivalent</b> (taken elsewhere) to be confirmed <b>by your school</b> in order for student to meet 80% Rule for Academic Eligibility (No buffer; Any F's = Not eligible next semester)	2.0 credits

[Click Here to Return to the Table of Contents](#)

## NCAA Athletics Eligibility

Students who want to participate in Division I or Division II athletics should start the certification process early – usually by the end of the junior year. Register online at <https://web3.ncaa.org/ecwr3/>.

*To be certified by the NCAA, a student must:*

1. **Graduate from high school.**

Students planning to participate in athletics as a freshman should apply for certification before graduation.

This certification should be at the college in which they intend to enroll. The Clearinghouse will issue a preliminary certification report when all materials have been submitted. After graduation, if a member institution requests the eligibility information, the Clearinghouse will review the final transcript to make a certification decision according to NCAA standards.

2. **Earn a 2.30 Core GPA(Division I) or 2.20 Core GPA (Division II) and minimum ACT sum score of 68 (for Division II) or obtain the minimum score on the sliding scale (for Division I).**

Earn a grade-point average of at least 2.00 in a core curriculum of at least 14 academic courses, which were successfully completed during grades 9 through 12. Only courses that satisfy the NCAA definition of a core course can be used to calculate the NCAA GPA. No special values are allowed for “+” or “-” grades. There is a core GPA/Test score index sliding scale for Division I candidates. The chart below shows what core courses must be included at a minimum. ACT Scores must be submitted directly from ACT to the NCAA Eligibility center, use code 9999.

The following is a list of courses required for Division I and Division II NCAA.

	Division I	Division II
English Core	4 years	3 years
Math Core (Algebra I or higher)	3 years	2 years
Science Core	2 years	2 years
Social Science Core	2 years	2 years
Additional English, Math, or Science Core	1 year	3 years
Additional Core (From any area above Foreign language, or non-doctrinal Religion/philosophy)	4 years	4 years
<b>TOTAL CORE UNITS REQUIRED</b>	<b>16 units</b>	<b>16 units</b>

For more information regarding the NCAA qualifications, please go to [www.ncaa.org](http://www.ncaa.org). Click on “Student-athletes and Parents” in the “Custom Home Pages” section. You may also visit the NCAA eligibility Center at <https://web3.ncaa.org/ecwr3/>.

Any student athlete considering playing for an NAIA College must register at [www.playNAIA.com](http://www.playNAIA.com)

[Click Here to Return to the Table of Contents](#)

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## High School Special Programs

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

### A + Schools Program

#### Goals

The A+ Schools Program is dedicated to the following:

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

#### Eligibility

Students must follow the following eligibility requirements to qualify for the A+ distinction and grant.

- Enter into a written agreement (A+ Participation Agreement) prior to the 2<sup>nd</sup> week of the student's senior year of high school, and have attended Crest Ridge High School, or an A+ designated school, for at least three consecutive years.
- Graduate from high school with a cumulative grade point average of 2.5 or higher, (no rounding of numbers).
- Have at least a 95% cumulative attendance record, (a student is allowed approximately 8 days of absence per year.)
- Earn a Proficient or Advanced score on the Algebra I or Algebra II End-of-Course exam.
- Perform 50 hours of unpaid tutoring, or mentoring, of younger students through a school-sponsored program (Students As Mentors, SAM).
- Maintain a record of good citizenship and avoidance of the unlawful use of drugs and alcohol.
- Make a good faith effort to secure all available federal post-secondary student financial aid funds that do not require repayment, by completing the Free Application for Federal Student Aid (FAFSA) at <https://fafsa.ed.gov>.

#### Attendance Requirement

To be eligible for the A+ School Incentive, a student must have a 95% accumulated attendance record for all four high school years. **Students are expected to attend school regularly and be on time for classes.** Therefore, the student will acquire the habits of punctuality, self-discipline, and responsibility. A student who does not meet the 95% attendance requirement **will not** be eligible for the A+ Financial Incentive.

The following attendance guidelines are required of all A+ students:

- You must be a full time student in an A+ designated High School for three (3) consecutive years prior to graduation.
- Enrollment in seven classes per semester at CRHS will constitute full-time enrollment.
- A cumulative attendance record will be kept from the beginning of the A+ student's freshman year until graduation.

[Click Here to Return to the Table of Contents](#)

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- Attendance will be calculated on hours missed not days missed.
  - The official record of attendance is kept in the high school office. Students attending the Warrensburg Vocational and Technical School will have their attendance reported to the high school office.

### **Attendance Review Process:**

- After the semester notification regarding attendance, the student/parent will have 15 calendar days to appeal the student's attendance record with the A+ Coordinator. If an appeal is not filed within 15 calendar days, a waiver for days missed will not be considered.
- Anyone making an appeal should use the A+ Attendance Appeal Form, from the A+ Coordinator.
- The A+ Coordinator will convene the Attendance Review Committee within 30 days of receiving notice of an appeal.
- An Attendance Review Committee will be composed of a counselor, a principal, and a teacher. The committee will rotate members regularly and meet at least twice a year.

The A+ Coordinator will act as facilitator and a non-voting member of the Review Committee. After a decision is made, the A+ Coordinator will notify the parents, by letter, within five calendar days. The decisions of the Review Committee will be considered final.

- All granted attendance waivers will be on record until the end of the senior year and then manually recalculated to determine eligibility for A+ incentive.

**Waiver requests must include all the proper documentation. Chronic conditions must be verified by the school nurse and physician with a signed letter from the physician. "Return to School" notes are not acceptable documentation.**

### **Algebra I /II EOC score requirement:**

Students not earning a proficient or advanced score on the Algebra I End-of-Course exam may retake the exam the following semester or earn the required score of 17 on the Math portion of the ACT. Students that meet all other requirements, but do not earn proficient or advanced on the Algebra I or II End-of-Course exam, may earn back the A+ grant by maintaining a 2.5 GPA after the 1<sup>st</sup> semester in post-secondary education.

### **Citizenship Requirement**

Participation in the A+ School Program is an honor and a unique privilege for Crest Ridge High School students. Students pursuing the A+ incentive must maintain a record of good citizenship and avoid the unlawful use of drugs/alcohol. Certification of good citizenship will be based on the official discipline record maintained in the high school office. The assistant principal assigns consequences for infractions of the discipline code, and the administration is responsible for certifying the accuracy of the student's discipline record.

### **Disciplinary Probation**

Disciplinary probation within the A+ program is used with the understanding that even the best student makes mistakes. Probation is designed to recognize this characteristic in young people. However, receiving the A+ Incentive is an honor and should be treated as such. Students who are designated A+ should demonstrate distinctive qualities and be role models for other students. Their character and ethics should meet high standards. A student will be placed on probation for the rest of the semester upon receiving:

- More than one In-School-Suspension referral.
- Any referral for Out-Of-School suspension.

[Click Here to Return to the Table of Contents](#)

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If no further incidents occur, the student will be returned to full A+ status at the end of the semester. A student who receives two semesters of probation during their high school career will have their disciplinary record reviewed by the Citizenship Committee for continued probation or possible dismissal from the program.

### **Removal from the A+ Program**

A student may be removed from the A+ Program when:

Within the semester while on probation, the student commits another offense that would result in another probationary action. After two semesters of probation, a review by the Citizenship Review Committee shows that earlier disciplinary consequences did not positively affect student's behavior. **In accordance with State A+ rules and regulations, any student disciplined for any infraction involving illegal drugs or alcohol, will immediately be dismissed from the program.**

### **A+ Citizenship/Probation Appeal Process**

Students and parents/guardians may appeal an A+ disciplinary decision using the following process:

- Students and parents/guardians will have 15 calendar days to appeal a decision that is made dealing with discipline or probation using the A+ Citizenship/Probation Appeal Form available from the A+ Coordinator. A sample is included in the back of this handbook.
- The appeal must be made in writing through the A+ Coordinator.
- Within 30 days of receiving a written appeal, the A+ Coordinator will convene the A+ Citizenship/Probation Review Committee. The committee will be composed of a guidance counselor, a principal, two teachers, and one advisory committee member.
- The parent/guardian and student should appear, in person, before the committee.
- The A+ Coordinator will act as a facilitator and a non-voting member of the Citizenship/Probation Review Committee. After the committee reaches a decision, the A+ Coordinator will notify the parents by letter within five calendar days. Decisions of the Review Committee will be considered final.

### **Illegal Drugs/Alcohol**

**Any involvement with illegal drugs or alcohol (use, manufacture, possession, transport, distribution, or sale) at school or in the community will result in the immediate and permanent removal of the participant from the A+ Program.**

- School involvement will have been established when the participant is disciplined for a drug or alcohol related offense.
- Community involvement will have been established when the participant is charged, and pleads no contest, or is found guilty of crimes, that relate to the use, manufacture, possession, transportation, distribution, or sale of a controlled substance, including alcohol.
- The use of prescription medicine is allowed under the Board Policy.
- Students and parents are responsible for understanding and following these guidelines.

For Additional Information about the A+ Schools Program contact the A+ coordinator or the Department of Higher Education website ([www.dhe.mo.gov](http://www.dhe.mo.gov)).



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## Articulated Credits

Articulated credit allows high school students to receive college credit for some Career and Technical Education courses. A signed articulation agreement indicates Crest Ridge High School is successfully teaching at least 80% or more of the course competencies required by the articulating post secondary institution. The post secondary institution allows up to 15 hours of articulated credit: one full semester of free tuition. **High school students must earn a grade of “B” or better in all courses** of the technical program they have selected. In addition students must **complete a “Recommendation for Articulated Credit “form** and enroll in the post secondary institution within one year of high school graduation.

Articulation for Agriculture/Horticulture with State Fair Community College

<u>Crest Ridge Course</u>	<u>SFCC Course</u>	<u>Credit Hours</u>
Ag Science I AND Advanced Livestock	AGRI 108 Animal Science	3
Ag Science II AND Horticulture/Floriculture	AGRI 118 Plant Science	3

## Dual Credit

A student interested in Dual Credit may earn college credit from University of Central Missouri (UCM) and/or State Fair Community College (SFCC) while still in high school. To be eligible for dual credit, a student must be a junior or senior and have a high school unweighted cumulative GPA of 3.0. Jrs. or Srs. with an unweighted cumulative GPA between 2.5 and 2.99 may enroll with a signed letter of recommendation from the principal or counselor and written permission from a parent may enroll. Students in 10th grade with an overall unweighted cumulative GPA of 3.0 must provide a written letter of recommendation from principal and counselor, and written permission from parent to be eligible to enroll. Students in 9th grade with an accumulative unweighted GPA of 3.0, and a composite ACT score at or above the 90th percentile, letters of recommendation from principal and counselor and written permission from parent may enroll in dual credit. In addition many courses require an ACT score. Check with your counselor for those score requirements and to sign up for either the ACT or Accuplacer test. All course offerings are entry level and are taught by either a high school faculty member with an advanced degree or by an instructor from UCM teaching on the ITV network or on-line. Course content is comparable to the on-campus course and has been developed in cooperation with university professors who are liaisons for the program. Students interested in taking any of the dual credit courses should consult with the counselor and with the university/college they plan to attend to find out how the credits would be received, and to receive the current year’s tuition and fees. Students that qualify for Free or Reduced lunch through the Federal Guidelines for the School Lunch Program are entitled to one free dual credit course each term (Fall, Spring, and Summer) through both UCM and SFCC.

[Click Here to Return to the Table of Contents](#)

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### Dual Credit Courses offered through UCM\*:

Advanced Biology  
College Algebra  
College English Composition I  
College English Composition II  
Public Speaking  
Elementary Spanish I  
Elementary Spanish II  
Trigonometry  
Psychology  
History of the US to 1877  
History of the US from 1877  
Intro to Criminal Justice

e-Health and Cyber-Wellness  
Personal Finance  
Intro to the Science - Physics  
Intro to the Science-Chemistry  
Elementary German I  
Elementary German II  
Sociology  
Introduction to Politics  
American Government  
Experiencing Music  
Discovering Theatre  
University Library and Research Skills

### Dual Credit Courses offered Online through SFCC\*:

ART 101 Art Appreciation  
BADM 101 Intro to Business  
BADM 107 Personal Finance  
BIO 101 Intro to Biological Science  
BIO 112 Intro to Biology w/ Lab  
BIO 125 Biology I w/ Lab  
BIO 207 Human Anatomy w/ Lab  
CAPP 125 Microcomputer Appl.  
CHEM 101 Intro to Chem w/ Lab  
CHEM 113 Fund Chem w/ Lab  
CHEM 123 Gen Chem w/ Lab  
DRFT 111 Intro to Comp Drafting  
EASC 116 Environmental Science  
ECON 101 Principles of Macroeconomics  
ECON 102 Principles of Microeconomics  
ENGL 101 English Composition I  
ENGL 102 English Composition II  
ENGL 106 Creative Writing  
FREN 101 French I  
FREN 102 French II

HIST 101 US History Before 1877  
HIST 102 US History Since 1877  
HUM 108 World Civ Before 1500  
HUM 109 World Civ Since 1500  
LIT 101 Intro to Literature  
LIT 107 American Literature  
MATH 112 Intermediate Algebra  
MATH 114 College Algebra  
MATH 120 Trigonometry  
MUS 136 Appl Instrumental Lessons  
MUS 160 Appl Voice Lessons  
NET 150 Cisco Networking  
PHIL 101 Introduction to Philosophy  
POLS 101 American/National Government  
PSY 101 Gen Psychology  
SOC 100 Gen Sociology  
SPAN 101 Elem Spanish  
SPTH 101 Public Speaking  
SS 101 College Skills  
WELL 122 Applied Wellness (1)

\*Course offerings are subject to change based on SFCC and UCM availability. More UCM courses may be available through UCM's Innovation Track program. See Ms. Cumpton for full course offerings and availability.

[Click Here to Return to the Table of Contents](#)

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## School Flex Program

Eligible students as defined in Regulation 2525 (of Johnson County R VII School District Policy 2525) may pursue a timely graduation from high school through the School Flex Program. Eligible students participating in the School Flex Program will be considered full-time students.

To be eligible to participate in the School Flex Program, an eligible student must:

1. Attend school a minimum of two instructional hours per school day within the District.
2. Pursue a timely graduation.
3. Provide evidence of college or technical career educational enrollment and attendance, or proof of employment and labor that is aligned with the student's career academic plan developed by the district.
4. Refrain from being expelled or suspended while participating in the School Flex Program.
5. Pursue course and credit requirements for a diploma.
6. Maintain a ninety-five (95%) attendance rate

## Missouri Course Access and Virtual School Program

The Missouri Course Access and Virtual School Program (MOCAP) has developed a catalog of virtual online courses for students. Beginning with the 2019-2020 school year, students will be able to take an entire course from any Internet-connected computer, available 24 hours a day, seven days a week. MOCAP's mission is to offer Missouri students equal access to a wide range of high quality courses, flexibility in scheduling, and interactive online learning. The [Missouri Department of Elementary and Secondary Education \(DESE\)](#) and the [State Board of Education](#) oversee administration and quality assurance activities such as related content and delivery of courses. Local Education Agencies (LEAs) that provide virtual education outside of MOCAP are responsible for ensuring alignment and other statutory requirements are met.

Missouri Course Access and Virtual School Program (MOCAP) was established in 2007 as the state's online school. It was previously known as Missouri Virtual Instruction Program (MOVIP). Students can take courses from any Internet-connected computer, available 24-hours a day, seven days a week. MOCAP's mission is to offer Missouri students equal access to a wide range of high quality courses, and interactive online learning that is neither time nor place dependent.

The Johnson County R-VII School District's preferred online program provider is [Launch](#). Launch is operated and overseen by Springfield Public Schools in Springfield, Missouri. Courses are designed by Missouri teachers and aligned to the state standards. Traditional courses are NCAA and MSHSAA approved. A formal review process is built into all course development to ensure high quality and rigor. Students wishing to take advantage of online learning opportunities will do so through Launch and may enroll similar to enrolling for traditional on campus classes. For more information, please contact Crest Ridge High School between 8:00am - 4:00pm, Tuesday - Friday.

If a student wishes to pursue an online class offering through other MOCAP options outside of Launch, he/she will need to schedule a meeting with the high school counselor to discuss options.

Follow the links provided on the below for additional information.

[Launch Online Courses](#)

[Launch Parent Guide](#)

[Launch Student Guide](#)

[MOCAP](#)

[Click Here to Return to the Table of Contents](#)

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## **Credit Recovery**

Students may recover lost credit from either a failing grade or attendance through the Launch Program. Students must complete a course at school during summer school, or through the school day in CARE class or as independent study. Students will work with the counselor to determine class needed and to have the class setup. See the Counselor for more information.

## **Honoring our Graduates**

4.20 and above = Summa Cum Laude

4.03 – 4.19 = Magna Cum Laude

3.87 – 4.02 = Cum Laude

This will be determined with cumulative (8 semesters) and weighted GPA. Recognition will be presented at graduation by identifying students in the program; they will be given colored cords to wear, acknowledged at graduation, and announced in the local media.

## **Career Planning**

### **Career Paths**

Career paths are clusters of occupations/careers grouped according to participants' interests, talents or skills. All paths include a variety of occupations that require different levels of education and training. Thus, career paths provide a plan for all students, whatever their interests, abilities, talents, or desired levels of education. Selecting a career path provides a student with an area of FOCUS, along with FLEXIBILITY and a VARIETY of ideas to pursue. The focus of career paths is on helping students choose a career path, not a specific occupation. Selecting a career path is not a lifelong commitment; it is a place to begin focusing one's energies. As students take different courses and learn more about themselves and careers, they will probably change career paths. Students who understand the career paths concept will be aware that there are a variety of other related possibilities if the first path no longer fits them. If different career paths become more interesting, the students can reevaluate plans, make appropriate decisions, and revise their high school plans as necessary.

### **Benefits**

Deciding on a career path can assist you in exploring your interests and preparing for your future. The intent is not for you to decide on a specific occupation for the rest of your life, but to select a career path into which you can begin directing your energies. Identifying a career path can help you in selecting school courses, activities, and part-time employment. It can also help guide your participation in job shadowing, career exploration and internships. A career path choice is not a permanent commitment. As you have new experiences, you learn new things about yourself and may decide to change career paths. If you decide on a different career path to explore, you should discuss it with your counselor and adjust your future course selections in accordance with your new career exploration.

### **Career Exploration Assessments**

Middle school students complete career exploration assessments starting in the 8th grade. This is a way the student can identify an initial career path choice. Counselors will then use this information to assist students in course selections and developing a five-year plan.

[Click Here to Return to the Table of Contents](#)

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## Choosing a Career Path or Cluster:

1. Identify your interests, abilities, and talents.
2. Identify the career path or cluster that relates to your interests, abilities, and talents.
3. Explore occupations in those career paths or clusters.
4. Decide how much education you want to receive after high school.
5. Develop a personal plan of study by selecting courses and co-curricular activities that relate to your career educational and career goal.
6. If undecided regarding a career path or cluster, choose courses from different career areas to give you a better idea of your interests.

## Choices after High School: Post-Secondary Education Options

### On-The-Job Training

Some occupations do not require training prior to employment; rather additional training and skills required beyond high school are provided by the employer.

### Apprenticeship

Apprenticeship is a three to four-year training program where you earn Money while you learn, working on the job. You receive a license at the end of training. Examples of trades that use apprenticeship are bricklaying, jewelry making, electrical repair, etc.

### Vocational/ Technical School

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.

### Community/ Junior College

Community colleges offer two-year “degree” vocational training, associate degrees, or credit transfer to a college or university where you can pursue a bachelor’s degree. Most community colleges have an open enrollment policy for high school graduates and individuals with GED’s.

### College/ University

A bachelor’s degree requires approximately four years of college. A master’s degree usually requires one to two 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 program/major.

### Military

Training is available for many jobs while you are enlisted. You 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.

[Click Here to Return to the Table of Contents](#)

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## 2022 - 2023 Course Descriptions

### Course Availability

Due to student demand, room availability, and teacher assignments, some classes may not be offered each year. Students who pre-enrolled in a course that is not offered will be contacted to allow for the selection of other courses.

### Changing Classes

Students may change course schedules two weeks prior to the new semester and within the first 3 days of the new semester. Students must sign up for course change in the office, obtain course change form and appropriate signatures, and return the form to the office. Students must follow the original schedule until the form is completed, returned to the office, and the student is given a new schedule. After the first five (5) days of school, parents/teachers may request a student be allowed to drop a course ONLY under extraordinary circumstances.

### Course Descriptions by Department

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#### COMMUNICATION ARTS

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##### **English Language Arts I: 2 SEMESTERS, 1 CREDIT, GRADE 9 (REQUIRED CLASS)**

The purpose of this course is to learn to enjoy reading while developing basic grammar, usage, and vocabulary skills. Students will write at least one essay and one research paper, in addition to practicing other writing formats. Students will analyze various types of literature while being exposed to film and audio supplements to connect the works meaningfully to their lives. Internet research will be required and typing skills will be practiced. Students will be required to read outside of class, complete at least one presentation, and participate in both group work and discussions.

##### **English Language Arts II: 2 SEMESTERS, 1 CREDIT, GRADE 10 (REQUIRED CLASS)**

The purpose of this course is to continue studying the basic skills of grammar and usage. Students will write at least one short essay and one research paper. Literature of various origin and genre will be read and studied in detail with attention paid to vocabulary and grammar development.

**Honors ELA II:** Students choosing to complete ELA II for honors credit are required to demonstrate a more advanced knowledge of information and skills taught in class. Honors students will be expected to complete more rigorous work, teach

their peers, and speak in front of the class above and beyond the requirements of the regular class.

PREREQUISITE: Teacher approval

##### **English Language Arts III : 2 SEMESTERS, 1 CREDIT, GRADE 11 (REQUIRED CLASS)**

American Literature explores the various genres and themes of American Literature emphasizing reading comprehension and fundamental analysis skills. The student will investigate the relationship between society and the individual, and how this relates to the American identity. The student will write regularly while developing argumentative, research and narrative skills. Participation in informal and formal class discussion will be expected daily.

**Honors ELA III:** Students can take honors level ELA III courses by completing additional coursework. The additional coursework will focus on advanced grammar, advanced writing techniques, as well as additional readings and literary analysis. Students will also complete ACT readiness coursework as part of the honors curriculum.

PREREQUISITE: Teacher recommendation is required, and students must meet requirements of the course to stay in the honors section.

[Click Here to Return to the Table of Contents](#)



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**English Language Arts IV: 2 SEMESTERS, 1 CREDIT, GRADE 12**

Students will study a combination of composition, grammar, and literature. Composition study will include analytical writing, creative writing, and a senior research paper. Literature study will consist of the study of various writers from the United Kingdom in the areas of short stories, drama, poetry, novels, speeches, and essays. The required play studied is Macbeth. The required novel studied is 1984.

**Honors ELA IV:** To qualify and maintain eligibility for the Honors section of ELA IV, students will be required to maintain an overall GPA of 3.0, lead class discussions on the major works studied, complete a 2nd analytical essay during the 2nd semester, complete discussion boards on Google Classroom, and understand that late work is not acceptable outside of an emergency. Honors students may be given additional project and presentation options that will not be available for ELA IV as enrichment and to provide greater depth of mastery.

**Applied Communications: 1 SEMESTER, 1/2 CREDIT, GRADES 10 – 12**

This course places emphasis on oral interpersonal communication, public speaking, and small group discussion. Students will receive instruction and guided practice through various types of formal and informal speaking including (but not limited to): informative, persuasive, demonstrative, and entertaining. Students will practice clear, logical reasoning skills that develop their abilities to articulate ideas with assertiveness and clarity of thought.

**Technical/Career Writing: 1 SEMESTER, 1/2 CREDIT, GRADE 12**

This course is an introduction to technical and professional reading and writing. It is designed to help students interested in a variety of career paths to master the reading, comprehension, and

composition skills needed for careers in business or industry. The student will learn the principles and conventions of technical writing and practice those conventions in a variety of assignments that would typically be encountered in the workplace. Upon successful completion of this course, students should be able to: demonstrate and refine communication skills needed for careers in business and industry and recognize and use standard technical writing principles, conventions and formats needed for business.

**Creative Writing: 2 SEMESTER, 1 CREDIT, GRADES 11 – 12**

This course is designed to rigorously improve the sophistication, style, and voice of each writer. Students will understand the purpose and function of the elements of fiction (setting, point of view, character, theme, plot, symbol, style, etc.). Students will write and rewrite fiction focusing upon each element, thus demonstrating understanding and craftsmanship of the literary element.

**PREREQUISITE:** A successful completion of ELA I and ELA II. A maintained GPA in ELA of 3.0

**College English Composition: 2 SEMESTERS, 1 CREDIT, DUAL CREDIT, ONLINE, 6 COLLEGE CREDITS, GRADE 12 (HONORS CLASS)**

A class recommended for college bound seniors, this class is taught as a dual-credit class through UCM.

The student will receive college credit for ENGL 1020 – Composition I and ENGL 1021 – Composition II. This is a general education requirement (Division I, Area A) for UCM. It is optional for the student to take it as dual-credit, but if he/she elects not to, he/she is responsible for the purchase of the textbook.

**PREREQUISITE:** 2.5 GPA and an ACT score of 18 or above on the English portion.

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## MATHEMATICS

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### **Algebra I-A: 2 SEMESTERS, 1 CREDIT, GRADES 9**

Upon the completion of this course the student will be able to solve linear equations in one variable using four basic operations; solve problems using ratio, proportions, and percent; analyze data and represent data graphically; and solve, interpret, and graph linear equations in two variables. Content will be taught at a slower pace to reinforce comprehension.

### **Algebra I - B: 2 SEMESTERS, 1 CREDIT, GRADES 10**

This course is a follow up to Algebra I A. Upon the completion of this course the student will be able to simplify polynomial expressions in their various forms; solve and graph inequalities in one variable and two variables; factor polynomials expressions and solve quadratic equations by factoring; simplify radical expressions; and solve systems of equations. The content will continue to be taught at a slower pace for better learning comprehension.  
PREREQUISITE: Algebra A

### **Algebra I: 2 SEMESTERS, 1 CREDIT, GRADES 9-12**

Algebra 1 is designed to give students a foundation for all future mathematics courses. The fundamentals of algebraic problem-solving are explained. Students will explore: foundations of Algebra, solving equations, solving inequalities, an introduction to functions, linear functions, systems of equations and inequalities, exponents and exponential functions, polynomials and factoring, quadratic functions and equations, radical expressions and equations, and data analysis and probability. Throughout the course, Common Core standards are taught and reinforced as the student learns how to apply the concepts in real-life situations.

### **Applied Geometry: 2 SEMESTERS, 1 CREDIT, GRADES 10-12**

This is a project based, hands-on course that utilizes teaching of Geometry concepts through the use of

projects, theory, analysis, small and large group discussions. The focus of this course is problem solving using basic geometry and mathematics skills. This course will not cover/present all the knowledge/concepts of a regular college-prep Geometry course but practical knowledge for success in the blue collar industry.

PREREQUISITE: Algebra I or Algebra I A and B.

### **Geometry: 2 SEMESTERS, 1 CREDIT, GRADES 10-12**

This course is designed to provide an understanding and working knowledge of the basics of geometry.

Upon completion of this course, the student will develop geometric and spatial sense involving measurement (including area and volume), trigonometry, and similarity and transformation of shapes. Students will understand the relationships between points, lines, planes and angles. They will also recognize geometric relationships and properties related to triangles, parallelograms, trapezoids and circles. Students will apply these concepts in the workplace and other real-life situations.

PREREQUISITE: Algebra I

### **Algebra II: 2 SEMESTERS, 1 CREDIT, GRADES 10 – 12**

Fundamental skills of mathematics will be applied to such topics as functions, equations and inequalities, probability and statistics, logarithmic and exponential relationships, quadratic and polynomial equations, and matrices. Technology will be used to introduce and expand upon the areas of study listed above. Use of computers and graphing applications will be incorporated into many chapters.

PREREQUISITE: Algebra I and Geometry

### **Honors Algebra II: 2 SEMESTERS, 1 CREDIT, GRADES 10 – 12**

Same as Algebra 2 at a faster pace. This class will also include probability, data analysis and statistics, trig relationships and conic sections.

PREREQUISITE: Algebra I, Geometry and teacher recommendation

[Click Here to Return to the Table of Contents](#)



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**Intermediate College Algebra:** 1 SEMESTER, DUAL CREDIT, ½ HIGH SCHOOL CREDIT, 3 COLLEGE CREDITS, GRADE 11-12

Topics include equations and inequalities involving absolute value, rational expressions and equations, graphs of inequalities in the plane, systems of equations in two unknowns, rational exponents and radicals, radical equations, imaginary and complex numbers, and quadratic equations.

PREREQUISITE - Algebra II and ACT Math score 20 or Accuplacer Quantitative Reasoning, Algebra and Statistics score of 20

**Precalculus College Algebra:** 1 SEMESTER, DUAL CREDIT, ½ HIGH SCHOOL CREDIT, 3 COLLEGE CREDITS, GRADE 11 - 12

Topics include the foundational principles of functions, the analysis of functions, algebraic reasoning, and matrices. Students will study the following functions: linear, quadratic, exponential, logarithmic, rational, piecewise, and absolute value.

PREREQUISITE - Intermediate Algebra or ACT Math score of 22 or Accuplacer Advanced Algebra and Functions of 237.

**Statistical Reasoning:** 2 SEMESTERS, DUAL CREDIT, 1 HIGH SCHOOL CREDIT, 3 COLLEGE CREDITS, Grades 11-12

This course is a first course for statistics students, such as social science majors, whose college and career paths require knowledge of the fundamentals of the collection, analysis, and interpretation of data.

Topics include interpretation of univariate and bivariate data using graphical and numerical methods, probability, discrete and continuous probability distributions, linear regression, an understanding of good practice in study design, statistical inference, confidence intervals, and hypothesis testing. Data-collection methods, statistical thinking and techniques, simulation, and the use of technology will support decisions and conclusions. Students will enroll in SFCC for dual credit.

PREREQUISITES: Algebra II, ACT Math score of 22 or Accuplacer Advanced Algebra Functions score of 237

**MATH 1111 - College Algebra:** 1 SEMESTER, DUAL CREDIT, ITV, ½ HS CREDIT, 3 COLLEGE CREDITS, GRADES 11 & 12 (HONORS CLASS)

This class is an optional Dual Credit class through UCM. The student will receive college credit for MATH 1111; it fulfills a General Education requirement (Division I, Area C) at UCM. Material covered includes: linear and quadratic equations, linear and quadratic inequalities, second degree relations and functions, systems of equations and inequalities, and exponential and logarithmic functions.

PREREQUISITE: Algebra II, GPA of 2.5, and a 22 or above on the Math portion of the ACT.

**MATH 1112 College Trigonometry:** 1 SEMESTER, DUAL CREDIT, ITV, ½ HS CREDIT, 2 COLLEGE CREDITS, GRADES 11-12 (HONORS CLASS)

Students will learn about and use triangle relationships. From these they will learn what the trigonometric functions are and extensively apply the knowledge of them to many real world applications.

PREREQUISITE: College Algebra, 2.5 GPA, 22 or above on the Math portion of ACT.

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## SCIENCE

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**Physical Science: 2 SEMESTERS, 1 CREDIT, GRADE 9 (REQUIRED CLASS)**

This course is designed to fulfill the minimum science requirement for graduation and as a foundation for advanced courses, such as chemistry and physics. Major areas covered by this course include: measurement, molecular structure, and matter and energy relationships. The material will be presented through class discussion, readings, written exercises, and when possible, laboratory activities.

**Biology: 2 SEMESTERS, 1 CREDIT, GRADES 10-12 (REQUIRED CLASS)**

Biology is a course designed to give a general overview of the biological sciences. Areas of study in this course include: cell biology, general zoology, general botany, bacteriology, and human biology.

Class work will include class discussion, readings, written exercises, and inquiry-type laboratory investigations in each area of study. This class is recommended for college-bound students.

PREREQUISITE: Physical Science.

**Earth Science: 2 SEMESTERS, 1 CREDIT, GRADES 11 – 12**

An upper level Earth Science course, this course will explore the materials of the earth. This will include lecture, laboratory exercises and field study. This class will also explore space and astronomy.

Available via Launch, an online course.

**Botany/Zoology: 2 SEMESTERS, 1 CREDIT, GRADES 10-12**

Botany-Zoology is a course designed to extend the concepts of general biology into the more specific areas of botany and zoology. Areas of study include:

1st semester - identification of major plant groups, plant structure, and plant functions. As much as possible, students will use the local environment for field trips. 2nd semester - Identification of major animal phyla with emphasis on local fauna, relationships among animal phyla, and animal behavior. Class work for both semesters will include

class discussions, readings, written work and as many field trips and labs as possible.

PREREQUISITE: Physical Science, Biology (which may be taken concurrently).

**Advanced Biology: 2 SEMESTERS, SEMESTER 1 DUAL CREDIT, 1 HS CREDIT, 4 COLLEGE CREDITS, GRADES 11-12 (HONORS CLASS)**

The first semester of this class will also be a Dual Credit class from UCM. Upon completion and passing of the first semester, the student will receive credit in BIOL 1004, a general education requirement (Division II, Area A). This class does not count for a Biology related major. If the student elects not to take the class for Dual Credit, he/she will be responsible for the cost of the text. This is a course designed as an advanced study in biology and ecology for the preparation of the college-bound student. Areas of study include: 1st semester--ecology with the emphasis on the local area. As much as possible, this class will include laboratory and field studies. Students will be required to make written evaluations of the ecology field studies and make collections of designated materials. Second semester will include, but not be limited to, the study of anatomy and physiology.

PREREQUISITE: Biology with an average grade of a B- or higher, 3.0 GPA

**Chemistry: 2 SEMESTERS, 1 CREDIT, GRADES 11-12 (HONORS CLASS)**

Chemistry is a course dealing with the study of the properties and changes of substances. Areas of study include: atomic and molecular structure, formulas and equations, periodic law, the mole concept, and chemical reactions. Due to the nature of chemistry, it is also recommended that students have Algebra I and Algebra II prior to taking this course.

PREREQUISITE: Physical Science, Biology, Algebra I, Algebra II (which may be taken concurrently).

[Click Here to Return to the Table of Contents](#)

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## SOCIAL STUDIES

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**American History:** 2 SEMESTERS, 1 CREDIT,  
GRADE 9 (REQUIRED CLASS)

This course is a study of American history beginning at Reconstruction through contemporary America, emphasizing historical thinking, communication, analysis, application, reading, and writing skills.

**World History:** 2 SEMESTERS, 1 CREDIT,  
GRADE 10 (REQUIRED CLASS)

This class will cover the time periods of the Renaissance through the present day. This encompasses the years 1500- present. Themes to be covered are: Renaissance, Reformation, Global Ages (Exploration), The Enlightenment, The American Revolution and the French Revolution, Industrial Revolution, Nationalism in Europe (Rise of Germany), Growth of Western Democracies, Imperialism, World Wars I and II, and Present Day material.

**American Government:** 2 SEMESTERS, 1  
CREDIT, GRADE 11 (REQUIRED CLASS)

This course is designed to prepare students for effective citizenship. We will emphasize the following topics: origins and foundations of our national government; the relationship between the three branches of government; economic systems and the roles that people, businesses, and the government play in them; political parties and the selection of political leaders; the operation of state and local government; and the rights and responsibilities of citizenship. Students will practice applying this content in a variety of contexts.

**Psychology:** 1 SEMESTER, ½ CREDIT, GRADES  
11-12

This course will study human and animal behavior and why they react in a certain way. Emphasis will be placed upon where humans obtain values, customs, attitudes, and personality. It will also focus on normal and abnormal behavior.

**Sociology:** 1 SEMESTER, ½ CREDIT, GRADES  
11-12

This course systematically studies social behavior and human groups. It focuses primarily on the influence of social relationships on people's attitudes and behavior. The course deals with families, gangs, business firms, political parties, schools, religions, and labor unions. It is concerned with poverty, conformity, discrimination, illness, alienation, over population, and community.

**American History Through Film:** 1 Semester, ½  
Credit, GRADES 11-12

Students will analyze feature films as historical evidence, make comparisons to relevant primary and secondary sources, and increase their understanding of political, social, military, and economic trends in American history. After viewing films, students will be expected to participate in discussions, projects, and writing assignments to enhance and demonstrate their learning.

**HIST 1351 History of the US from 1877:** 1  
SEMESTER, DUAL CREDIT, ½ HS Credit, 3  
College Credits, GRADE 11 - 12 (HONORS  
COURSE)

This course is a survey of American history from 1877 to the present. It is designed to acquaint students with the broad outlines and major themes of American historical development since Reconstruction. Students will learn about America's political institutions and its social and cultural diversity. They will also develop an understanding of interaction of public and private spheres of America's past. Fulfills Division II, Area B university studies requirement.

PREREQUISITES: 2.5 GPA

[Click Here to Return to the Table of Contents](#)

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## PRACTICAL ARTS

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### Agriculture

**FFA Membership:** Membership to the National FFA Organization **IS** required for all departmental courses. There are numerous opportunities to members such as competitions, monthly meetings, barnwarmings, State and National Conventions and many others too numerous to list. By paying local dues you join the chapter, state and national FFA Organization. You will receive a subscription to the FFA New Horizons. Purchase of an FFA jacket and other official dress items is also optional but is required at certain events.

**Introduction to Agriculture:** 2 SEMESTERS, 1 PRACTICAL ARTS OR ELECTIVE CREDIT, GRADES 9-12

**(Offered every year)**

This course will provide a basic introduction into the work of agriculture. This course will survey the National FFA organization, basic to animal science (focus: beef, pork, and poultry), basic plant science, introduction to agricultural mechanics (focus: SMAW and GMAW welding), basic shop plans, basic plant and soil science.

**Ag Structures:** 1 SEMESTER, 1/2 ELECTIVE OR SCIENCE CREDIT, GRADES 10-12

**(Years Offered 23-24; 26-27)**

This course includes project construction, electrical wiring, electrical motors, concrete masonry, plumbing and sewage disposal, farm fences, product handling and processing equipment, and farm buildings.  
PREREQUISITE: Successful completion of Ag. Science I

**Small Engine Repair:** 1 SEMESTER 1/2 ELECTIVE OR SCIENCE CREDIT, GRADES 10-12

**(Years Offered 23-24; 26-27)**

will study the theory of internal combustion engines and how to troubleshoot problems. Students will breakdown, troubleshoot and repair engines. This course will emphasize Small engine maintenance and repair.  
PREREQUISITE: Successful completion of Ag. Science I

**Ag Construction:** 2 SEMESTERS, 1 ELECTIVE OR SCIENCE CREDIT, GRADES 11-12

**(Offered 2022-2023; 24-25; 27-28)**

This course utilizes welding in the development and construction of major metal and wood projects. This course will help to continue to build essential skills in the welding methods of MIG, Arc, and TIG. This course will also provide training on various cutting methods and use of the CNC Plasma Cutting Table.  
PREREQUISITE: Successful completion of Ag. Science I

**Ag Business:** 1 SEMESTER, .5 ELECTIVE OR SCIENCE CREDIT, GRADES 10-12

**(Years Offered 23-24; 26-27)**

This course combines farm management, agribusiness management with content based on agricultural economic principles. This course, also includes human relations, personal inventory, careers in selling, and other experiences necessary for employment in agribusiness engaged in marketing, purchasing, storing, grading, and transporting supplies and products. 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.  
PREREQUISITE: Successful completion of Ag. Science I

**Ag Communication and Leadership:** 1 SEMESTER, .5 ELECTIVE OR SCIENCE CREDIT, GRADES 10-12

**(Years Offered 23-24; 26-27)**

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 communication, meeting people, good first impressions, personal goals, team work, team/organizational goals, organizing groups to take action and evaluation of team/organizational actions.  
PREREQUISITE: Successful completion of Ag. Science I

[Click Here to Return to the Table of Contents](#)

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**Horticulture Science I:** 2 SEMESTERS,  
1 ELECTIVE OR SCIENCE CREDIT, GRADES  
10-12

**(Offered 23-24;25-26)**

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 arrangements, and seasonal holiday decorations. This course also 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.

PREREQUISITE: Successful completion of Ag. Science I

**Horticulture Science II:** 2 SEMESTERS, 1  
ELECTIVE OR SCIENCE CREDIT, GRADES  
10-12

**(Years Offered 24-25;27-28)**

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. This course also includes the basic techniques of landscape design, landscape construction, installation, and maintenance

PREREQUISITE: Successful completion of Ag. Science I

**Articulation:** Offered through State Fair Community College. (Ag. Science I + Hort Sci. I OR II = Agri 118 Plant Science – 3 credit hours.)

**Animal Science:** 1 SEMESTER, .5 ELECTIVE OR  
SCIENCE CREDIT, GRADES 10-12

**(Offered 2022-2023; 25-26)**

This is an advanced course in livestock management including animal issues, livestock enterprises, animal selection, animal breeding, animal health facilities feeding and management. We strongly encourage all students of agriculture programs to be a member of the FFA. All students enrolled in Agriculture Education courses are expected to have

a supervised agriculture experience program. (SAEP)

PREREQUISITE: Successful completion of Ag. Science I

**Articulation:** Offered through State Fair Community College. (Ag. Science I + Animal Science = Agri 108 Animal Science – 3 credit hours.)

**Veterinary Science:** 1 SEMESTER, .5 ELECTIVE  
OR SCIENCE CREDIT, GRADES 10-12

**(Offered 2022-2023; 25-26)**

This course will develop students' understanding of the small and companion animal industry, animal anatomy and physiology, animal nutrition, animal reproduction, animal ethics and welfare issues, animal health, veterinary medicine, veterinary office practices, and animal services to humans. Career exploration will focus on veterinarian, veterinary lab technicians, office lab assistant, small animal production, research lab assistant, and animal nutrition lab technician.

PREREQUISITE: Successful completion of Ag. Science I

**Meat Science:** 1 SEMESTER, .5 ELECTIVE OR  
SCIENCE CREDIT, GRADES 10-12

**(Offered 2022-2023; 2027-2028)**

Principles of meat processing, inspection, grading, sanitation, preservation, and storage with an overview of muscle composition, structure, function, and nutritive value. The evaluations of beef, swine, sheep and goats will be discussed.

PREREQUISITE: Successful completion of Ag. Science I

**Natural Resources:** 1 SEMESTER, .5 ELECTIVE  
OR SCIENCE CREDIT, GRADES 10-12

**(Offered 2022-2023; 2027-2028)**

The course will cover the history and importance of conservation efforts within Missouri and globally. Topics include unique ecological characteristics of ecosystems including grasslands, forests, wetlands, etc. Habitats and needs of fish and wildlife will also be discussed.

PREREQUISITE: Successful completion of Ag. Science I

[Click Here to Return to the Table of Contents](#)



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## Business

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### **Computer Applications:** 2 SEMESTER, 1 CREDIT, GRADES 9 – 12

Students will master beginning and advanced skills in the areas of word processing, spreadsheet applications, desktop publishing, and Internet usage. This course focuses on Microsoft Office applications and their use in business. Students will understand different file types and file storage. Utilizing their skills, students will produce documents, spreadsheets, multimedia presentations, and graphics.

### **Digital Media Productions:** 2 SEMESTERS, 1 CREDIT, GRADES 10 – 11

The digital media productions curriculum is a full-year, rigorous, entry-level course that introduces high school students to the Adobe Creative Cloud applications for producing digital content. Focus will be on Adobe Photoshop, Adobe Illustrator, and Adobe Premier Pro. Other Adobe applications will be explored as well. The course covers a broad range of foundational topics such as elements of design, types of electronic media, and digital media careers. PREREQUISITE: Computer Applications

### **Desktop Publications:** 2 SEMESTERS, 1 CREDIT, GRADES 10 - 12 (MAY BE REPEATED)

The Desktop Publishing course is a full-year, rigorous course that introduces high school students to the foundations publishing. The course covers a broad range of foundational topics such as: design principles, adherence to theme, digital photography, photo editing, writing copy, and marketing. Students in this course produce the annual Crest Ridge Yearbook.

PREREQUISITE: Digital Media Production and Teacher Approval.

### **Computer Science Principles:** 2 SEMESTERS, 1 CREDIT, GRADES 10-12

The computer science principles curriculum is a full-year, rigorous, entry-level course that introduces high school students to the foundations of modern

computing. The course covers a broad range of foundational topics such as programming, algorithms, the Internet, big data, digital privacy and security, and the societal impacts of computing. The course is designed for typical school settings with teachers in classrooms. Students will learn coding in javascript language.

PREREQUISITE: Algebra I and Computer Apps

### **Entrepreneurship:** 2 SEMESTERS, 1 CREDIT, GRADES 11 - 12

Entrepreneurship is designed to familiarize students with business and how businesses operate in a free market. The course introduces students to the essentials of business activities, including managing, marketing, accounting, inventory, and finance. Students will operate the school's cantina snack cart and maintain the Crest Ridge Spirit Shop, an ecommerce platform for school spirit apparel and other items that have been designed and produced by the students themselves.

PREREQUISITE: Computer Applications and either Digital Media Productions or Computer Science

### **Personal Finance:** 1 SEMESTER, ½ CREDIT, GRADES 11 - 12, REQUIRED

Students will master beginning and advanced skills in the areas of financial well-being, money management (including banking tools), earnings, saving and investing, spending (including credit and risk management), and distribution of wealth. The course ends with a culminating project where students engage in a simulation that begins with graduating from their post-secondary education (whether college, military, trade school, or on-the-job-training). In the simulation, students will finance their student loan, rent an apartment, buy a car on a three-year amortization, do a weekly meal plan, figure gas mileage in their new vehicle, figure withholdings on their paycheck, invest for the future, and make a monthly budget - all based on an entry-level salary for their chosen profession.

[Click Here to Return to the Table of Contents](#)

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## Family Consumer Sciences

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**Family and Individual Health:** 1 SEMESTER, ½ CREDIT, GRADES 11-12 (REQUIRED HEALTH CLASS)

This course is designed to provide students with a general overview of basic health topics. Upon the completion of this course students will be able to assume leadership roles as responsible family members and citizens; promote individual wellness; identify and describe functions and interrelationships of body, social and communication systems; enhance human growth and development; promote health and prevention concepts; promote nutritional health; maintain a safe environment; access health related information, products, and services; influence change in environment and consider key careers in the area of health and wellness.

**Family/Consumer Resource Management:** 2 SEMESTERS, 1 CREDIT, GRADES 10-12

This course focuses on how individuals develop and function in family, work, and community settings and how they relate to their physical, social, emotional, and intellectual environments. Students: a) learn about personal growth and leadership; b) explore work, jobs, and career related to family consumer sciences and human services; d) solve problems impacting the work of the family; and d) make decisions that support and strengthen the integration of multiple roles/responsibilities of individuals, family, career and community.

**Child Development I:** 1 SEMESTER, ½ CREDIT, GRADES 10-12

This course is a study of children; their physical, mental, emotional, and social growth and development, as well as care and guidance of children. This course is geared toward preparing students for the responsibilities and rewards of parenthood, as well as providing an introductory experience for students considering an occupation related to this area.

Observations and actual experiences with children and their parents are an integral part of this course.

PREREQUISITE: Family/Consumer Resource Management

**Child Development II:** 1 SEMESTER, ½ CREDIT, GRADES 10-12

This course is a continuation of Child Development. It is designed for students who wish to increase their knowledge of children from the parenting aspect.

Students will also research and develop skills necessary to be employed in the child-care education areas. This semester course will include the development of infants, toddlers, preschool and school aged children, careers involving children, safety and first aid in dealing with children, and some experience in planning activities for and actively participating with preschool and school aged children. Observations and actual experiences with children are an integral part of this course.

PREREQUISITE: Child Development I

**Nutrition and Wellness:** 1 SEMESTER, 1/2 CREDIT, GRADE 10 - 12

This semester course for 10th through 12th graders is designed to prepare individuals to 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.

PREREQUISITE: Family/Consumer Resource Management

**Foods, General:** 1 SEMESTER, ½ CREDIT, GRADES 10-12

This is an intermediate foods course, which will include the principles of nutrition: selection, preparation, serving, and care of food; and meal management to meet individual and family food needs.

Also included will be a study of basic equipment, its use and care, and energy conservation.

PREREQUISITE: Nutrition and Wellness, Lab fee \$10.00

[Click Here to Return to the Table of Contents](#)

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**International Foods:** 1 SEMESTER, ½ CREDIT,  
GRADES 10-12

This course, while focusing on proper food preparation and procedures, introduces the student to international and ethnic specific cuisines. It includes instructions on the psychological, cultural, and social influences on food choices in world cuisine. Availability of foods due to food production, food supply, legislation and regulations are discussed.

PREREQUISITE: Nutrition and Wellness

**Apparel, Textiles, Fashion:** 1 SEMESTER, ½ CREDIT, GRADES 10-12

This course is designed to help individuals understand the social, psychological, and physiological aspects of clothing and textiles; the nature, acquisition, and use of clothing and textile products; the selection, construction, maintenance, and alteration of clothing and textile products; and the effect of consumer choices on the individual and family as well as the clothing and textile industry.

PREREQUISITE: Family/Consumer Resource Management

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## Project Lead The Way (PLTW)

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**Introduction to Engineering and Design (IED):** 2 Semesters, 1 Credit, Grades 9-12

This is the first course in the Project Lead the Way high school curriculum. In this class, students will be introduced to engineering concepts through hands-on learning and a project based curriculum.

The course will emphasize the design process and incorporate engineering skills in three-dimensional computer aided drafting (CAD), computation and analytical skills, measurement, statistics, and modeling.

**Principles of Engineering (POE):** 2 Semesters, 1 Credit, Grades 10 - 12

Students take a much deeper exploration of a broad range of engineering topics, including mechanisms, the strength of structures and materials, and automation. Students will use hands-on applications to compute truss strength; calculate current, resistance, and voltage; and the velocity of projectiles and this course includes the use of VEX robotics and basic programming. Students develop skills in problem solving, practical application mathematics, research, and design while learning

strategies for design process documentation, collaboration, and presentation.

PREREQUISITE: Introduction to Engineering and Design

**Computer Integrated Manufacturing:** 2 Semesters, 1 Credit, Grades 11 - 12

This course illuminates the opportunities related to understanding the high-tech, innovative nature of modern manufacturing. At the same time, it teaches students about manufacturing processes, product design, robotics, and automation.

PREREQUISITE: Introduction to Engineering and Design and Principles of Engineering

**Engineering Design and Development (Capstone):** 2 Semesters, 1 Credit, Grade 12

Engineering Design and Development is the culmination of the skills and knowledge gained in PLTW as students identify an issue and then research, design, and test a solution, ultimately presenting their solution to a panel of engineers. As a Capstone course, students will not receive a grade or credit until the end of the school year.

PREREQUISITE: Introduction to Engineering and Design, Principles of Engineering, and Computer Integrated Manufacturing

[Click Here to Return to the Table of Contents](#)



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## FINE ARTS

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### VISUAL ARTS

#### **Art I: 2 SEMESTERS, 1 CREDIT, GRADES 9-12**

Students will gain a strong foundation in drawing skills, as we work with the still life, linear and nonlinear perspective, animals, the landscape and the portrait. Color theory will be practiced as it applies to painting and printmaking. Students will have an opportunity to work with clay; create sculptural forms; work in various forms; and work in various crafts media. In addition, students will be involved in Art History/Appreciation lessons where they will learn of other cultures and traditions from as far back as the cave people to the art of the 20th century.

#### **Drawing and Painting (first semester): 1 SEMESTER, ½ CREDIT, GRADES 10-12**

Drawing: This course emphasizes art elements and principles as they apply to drawing. Students will work on observational drawing skills, composition skills, creating the illusion of depth, showing correct proportion and scale and creating 3-D form through shading.

Painting: Students will learn basic painting techniques in watercolor and acrylic media. Students will also learn of famous artists and artistic styles throughout history. PREREQUISITE: C or better in Art I

#### **Ceramics and Sculptures (second semester): 1 SEMESTER, ½ CREDIT, GRADES 10-12**

This broadly based course is an introduction to the expressive potential of three-dimensional form. Emphasis will be placed on craftsmanship and creativity.

Ceramics: Students will use the hand-building clay construction methods of pinch, coil and slab. Wheel throwing will be introduced. Students will learn clay vocabulary and various methods of decoration.

Sculpture: A variety of sculpture techniques and materials will be used to develop skills and provide a basis for creative development aimed at gaining sensitivity in the composition of sculptural form. The class includes instruction on modeling with clay, armature construction, casting, carving and assemblage techniques as well as the safe handling of tools and equipment. Individual and group critiques are an integral part of the course.

PREREQUISITE: C or better in Art I

#### **Fibers and Traditional Crafts: 1 SEMESTER, ½ CREDIT, GRADES 10-12**

Fibers (first semester) involves the creation of artworks using methods such as weaving, knotting, coiling, batik, dying fibers and fabrics, felting, sewing, doing embroidery, and papermaking. We will combine with non-traditional materials to create unique works of art in a mixed-media form. Applications in fashion design, basketry and sculpture will also be addressed. PREREQUISITE: C or better in Art I

#### **Interior Design: 1 SEMESTER, ½ CREDIT, GRADES 10-12**

This course will explore and apply the principles of interior design such as color, lighting, arrangement of furniture and decorations, and the overall aesthetic quality of the home. It will also include life skills on renting vs buying and the cost of living. There will be aspects of architecture.

PREREQUISITE: C or better in Art I

#### **Animation: 2 SEMESTERS, 1 CREDIT, GRADES 10-12**

Students will learn the basics of traditional, tweened, and stop motion animation. Students will create characters, story lines, and create a short animation in each method. Students will then choose one animation style to clean up their animation and add more as time allows.

PREREQUISITE: C or better in Art I

#### **Art Practicum: 1 Semester, ½ Credit, Grades 11 - 12**

This course is designed for students that have successfully completed Art I, and 2 other Art Courses. Students will work independently of Art work of choice, to culminate with art work for contest and/or portfolio.

PREREQUISITE: Teacher Approval

[Click Here to Return to the Table of Contents](#)

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## MUSIC

### **Band: 2 SEMESTERS, 1 CREDIT, GRADES 9-12**

In daily rehearsals music of the best caliber (both serious and popular) is rehearsed and performed on multiple occasions throughout the year. Attendance at ALL rehearsals, performances and trips is expected of ALL members of the ensemble. This group performs at all home HS football games, selected home basketball games, music concerts and various other performances (contests) throughout the year. The opportunity to earn a Varsity Letter in Band is possible. Grades will be earned based upon participation in daily rehearsals and performances, playing tests and other detailed events. Auditions are required for students wanting to rejoin band. **PREREQUISITE:** Middle School Band

### **High School Choir: 2 SEMESTERS, 1 CREDIT, GRADES 9-12**

This ensemble rehearses and performs music of the highest caliber (including secular, sacred and popular music). This ensemble performs at various athletic events and music concerts throughout the year. Rehearsals and performances outside of the normal school day may be required. Attendance at all rehearsals, performances and trips is expected of ALL members of the ensemble. The opportunity to earn a Varsity Letter in Choir is possible, see lettering requirements for specifics. Students are expected to provide their own specific concert attire outlined in the handbook.

### **Experiencing Music: 1 SEMESTER, ½ CREDIT, GRADES 9-12, Dual Credit, .5 High School and 3 College Credits, Honors**

An introduction to important musical masterpieces with emphasis on the knowledge and skills involved in perceptive listening.

**PREREQUISITE:** Dual Credit requirements

### **High School Guitar Class: 1 SEMESTERS, 1/2 CREDIT, GRADES 9 – 12**

This course is for beginner guitarists with little or no experience on the instrument. Students will be introduced to the study of instrumental music as they learn standard performance practices on the guitar.

Areas of instruction will include: instrument care, techniques and fundamentals of musicianship, tone production, proper posture, and music literacy (reading and writing music). They will master common chords, notes, strumming and fingerpicking patterns. **A classroom set of guitars, picks and books are provided. NO NEED TO PROVIDE YOUR OWN EQUIPMENT!**

### **Music Theory: 1 SEMESTER, ½ CREDIT, GRADE 12**

This is a course intended for students who may pursue a career or advanced degree in music. Students will learn how to read, write, and analyze music in preparation for music theory courses after high school. This class will enable the student to successfully complete basic college theory classes. Students will also be able to compose music and understand the guidelines used in music composed by others. It is preferred that students can already read music and have been a member of one of our music ensembles before taking this course. **This is an independent course and Instructor approval is required.**

[Click Here to Return to the Table of Contents](#)

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## PHYSICAL EDUCATION

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### **Physical Education (High School PE I): 2 SEMESTERS, 1 CREDIT, GRADE 9-12**

This course emphasizes health-related fitness, the development of skills and habits necessary for a lifetime of activity, and the qualities of a good teammate. The P.E. program covers a variety of basic sport-related skills. These skills include individual sports, fitness work, recreational activities, and team sports. Cooperation, sportsmanship, respect, problem solving and teamwork will be emphasized throughout the class year. In addition, every student will be expected to improve upon his/her physical fitness level by way of a daily fitness activity and active participation in all activities.

### **Fitness and Conditioning (High School PE II): 2 SEMESTERS, 1 CREDIT, GRADES 10 –12**

This course will provide students strength and speed training. In this course, the student will learn how to perform proper technique in weight lifting and sprinting to achieve a healthy lifestyle.

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## FOREIGN LANGUAGE

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### **Spanish I: 2 SEMESTERS, 1 CREDIT, GRADES 9-12**

Spanish I is an introduction to the Spanish language. Students will develop their reading, writing, speaking, and listening skills in Spanish. They will learn basic vocabulary and grammatical structures. They will also learn about the different places that Spanish is spoken, and how Spanish-speakers celebrate their customs and traditions.

### **Spanish II: 2 SEMESTERS, 1 CREDIT, GRADES 10-12**

The Spanish II course will expand on the vocabulary and grammar taught during Spanish I. Students will improve their listening, speaking, reading, and writing skills through more advanced activities and prompts.

**PREREQUISITE:** Spanish I with an average grade of C or better or teacher approval.

### **Spanish III: 2 SEMESTERS. 1 CREDIT, GRADES 11-12**

The Spanish III course will expand on the vocabulary and grammar taught during Spanish I and II, as well as introducing new vocabulary and grammar. Students will improve their listening, speaking, reading, and writing skills through advanced activities and prompts.

**PREREQUISITE:** Spanish I and II with a C average grade or teacher approval.

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## ELECTIVES

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**Teacher's Aide:** NO CREDIT, GRADE 12

Students will assist teachers in setting up labs, cleaning the classroom, research, making copies, and assisting with students as directed. Students will not be allowed duties that are deemed confidential, such as entering grades in the computer. Teachers can only have 1 aide each day. Students can only be an aide one time per day.

PREREQUISITE: Obtain a GPA of 2.75 and complete an application, Administrative approval.

**Students as Mentors (SAM):** 1 SEMESTER, ½ CREDIT, GRADES 11 -12

PREREQUISITE: 2.5 GPA, 95% attendance and meet the good citizenship requirements for the A+ Program.

This course gives the students the opportunity to meet the 50 hours needed to fulfill the requirements for the A+ program. This class is not limited to A+ students but the prerequisites listed above will be followed. Students will be assigned to a supervising teacher at one of the district's schools and will be **required** to complete both the hours and coursework to receive the ½ credit. Students will be asked to complete an interest inventory.

**School-to-Work:** 1 SEMESTER, ½ TO 1 ELECTIVE CREDIT, GRADE 12

This course is designed to provide students with credit while developing on-the-job skills. Skills developed through coursework and work site responsibilities include being a responsible employee, developing positive relationships with employees and co-workers, and establishing skills necessary to getting and keeping a job now and in the future.

Seniors, meeting required credits, may leave early first and second semester to participate in work site experiences.

**Junior ROTC:** 1 SEMESTER, 3.5 CLASS PERIODS, 2 CREDITS, GRADE 11 - 12

(Student and parent must sign an agreement form allowing student to drive to Knob Noster High school for this course)

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## Warrensburg Area Career Center

2 SEMESTERS, 3 CLASS PERIODS AND 1 CLASS PERIOD FOR TRAVEL, 3 CREDITS, GRADES 11-12

Students must apply for Warrensburg Area Career Center (WACC) in March prior to year attending.

WACC participation will be determined based on grades and credits earned, attendance and discipline report, and if the program desired fits with the students overall career plans. Students must have earned 12 credits in required course work by the end of the sophomore year in order to attend WACC.

Student's attending the WACC will also participate in technical skills math and language arts courses. They will be able to earn 0.5 math and 0.5 language arts credits each year they attend WACC.

### Programs:

***Auto Service Technology:*** This two year course offers the opportunity to study the design, construction and operation of the automobile as well as technical and related information necessary to attain proficiency as an auto technician.

The student will apply information learned in the classroom by doing actual maintenance and repair work on cars in the state of the art shop area. Study includes electrical systems, brake systems, front end alignment, rear axles, scan tools, fuel systems and more. Articulated credit is offered through Metropolitan Community College, Linn State College and State Fair Community College.

***Auto Collision Technology:*** A Nationally Certified Program. Auto Collision Technology teaches welding, replacement of damaged body panels, preparations for painting and fiberglass repair. Shop safety skills are among the many skills students will gain in the Auto Body Program at the WACC. Auto Collision Technology is one of the few Automotive Service Excellence (ASE) certified training programs in the State of Missouri. On-the-job-training provided in the classroom puts student's one step further in achieving their career goals. Articulated credit is offered through Metropolitan Community College and State Fair Community College.

***Computer Technology:*** This one or two year program allows students to learn hands-on about computer technology, ranging from personal computers to network devices and infrastructures. In alternating years, the students will study computer repair and maintenance for one year, and networking infrastructure and troubleshooting for one year. In each year, there are industry-standard certifications that can be earned, such as a CompTIA A+ or Cisco Certified Network Associate, among others. Students are strongly encouraged to be members of SkillsUSA which promotes leadership and career success in many fields.

***Construction Technology:*** A Nationally Certified Program. This program will provide necessary skills, knowledge and attitudes to progress in the construction area. On-the-job experience is gained in the actual construction of a dwelling.

This course incorporates all aspects of construction from the foundation to wallpaper and paint. This is a two year program. Students who complete the program have the opportunity to begin apprenticeships in building trades through the Construction Apprenticeship Tech Prep Consortium in Kansas City. Articulated credit is offered through State Fair Community College

***Health Sciences:*** In Health Sciences I, students study medical terminology, anatomy and physiology, human growth and development, and a variety of skills common to a number of health careers. In addition we will spend time honing math and communication skills used in health careers. In the second semester students will participate in clinical experiences in a variety of settings allowing them to explore various health careers. After successful completion of the C.N.A. curriculum, completion of 100 hours of clinical experience in long term care, and compliance with criteria set forth by the Division of Health and Senior Services, first year students are eligible for testing to become a C.N.A. This helps build leadership and employability skills. This course challenges students to build a strong foundation for further education while enabling them to enter the workforce.

[Click Here to Return to the Table of Contents](#)

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## Dual Credit: ITV or Online

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GRADES 9-12, UCM

**COMM 100 – Public Speaking:** 1 SEMESTER, ½ CREDIT, 3 COLLEGE CREDITS, AVAILABLE SUMMER

A study and practice of the basic principles involved in discovering, arranging, delivering, and evaluating ideas in speech situations. Fulfills Division I, Area C university studies requirement. PREREQUISITE: 3.0 GPA

**CJ 1000 Intro to Criminal Justice:** 1 SEMESTER, ½ CREDIT, 3 COLLEGE CREDITS (Online)

This history, nature and function of the criminal justice system in America. Special attention is given to the philosophical basis underlying this system in and to the problems associated with crime control in a democratic society. At each stage of the process, major issues confronting the system are examined. PREREQUISITE: 3.0 GPA

**LIS 1600 Library and Research Skills:** 1 SEMESTER, ½ CREDIT, 2 COLLEGE CREDITS (Online)

This is a 2 credit hour freshman level course that introduces students to traditional and computer based resources and services available in academic libraries and strategies for locating, evaluating and using information.

PREREQUISITE: 3.0 GPA

**PSY 1100 – Psychology:** 1 SEMESTER, ½ CREDIT, 3 COLLEGE CREDITS, On-line, AVAILABLE SUMMER.

A general introduction to the science of behavior, surveying the broad field of psychology and the methods of investigation. Fulfills Division II, Area C university studies requirements.

PREREQUISITE: 3.0 GPA

**NUR 2000 – E-Health and Cyber Wellness:** 1 SEMESTER, ½ CREDIT, 3 COLLEGE CREDITS (Online)

This course provides an opportunity for students to apply e-health and cyber wellness skills to a self-selected wellness project.

PREREQUISITE: 3.0 GPA

**CHEM 1103 Intro to the Sciences - Chemistry:** – 1 SEMESTER, ½ CREDIT, 3 COLLEGE CREDITS (Online)

Introduction to the basic concepts of chemistry and scientific methodology, emphasizing the connections between chemistry, technology, and all things in a modern world.

PREREQUISITE: 3.0 GPA, 21 Math portion o

**PHY 1103 Intro to the Sciences - Physics:** 1 SEMESTER, ½ CREDIT, 3 COLLEGE CREDITS (Online)

An introduction to physics. Topics include mechanics, energy, heat, sound, electricity, magnetism, light, atomic and nuclear physics, relativity, and astrophysics. PREREQUISITE: 3.0 GPA

**GER 1301 Elementary German I:** 1 SEMESTER, ½ CREDIT, 3 COLLEGE CREDITS

Fundamental principles of German pronunciation, building of basic vocabulary of German words and idiomatic expressions, oral work and reading simple selections. Not open to native speakers or students who have had three years of high school German without permission of the department chair.

Partially fulfills Division II, Area C, Part II General Education requirement.

Students need access to webcam one and microphone.

PREREQUISITE: 3.0 GPA

**SPAN 1601 Elementary Spanish I:** 1 SEMESTER, ½ CREDIT, 3 COLLEGE CREDITS (On-line)

Fundamentals of Spanish pronunciation, the building of basic vocabulary and patterns, oral work, studies in structure, and reading selections. Not open to native speakers of students who have had three years of high school Spanish without the permission of the department chair. Students will need access to webcam one and microphone. Students are responsible for purchase of and accessing on-line textbook access code. Partially fulfills Division II, Area C, Part II General Education requirement.

PREREQUISITE: 3.0 GPA

[Click Here to Return to the Table of Contents](#)

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**SPAN 1602 Elementary Spanish II: 1**  
SEMESTER, ½ CREDIT, 3 COLLEGE CREDITS  
(Online)

A continuation of Spanish I, with increased attention to grammar. Not open to native speakers or students who have had four years of high school Spanish without the permission of the department chair. Students will need access to webcam one and microphone. Students are responsible for purchase of and accessing on-line textbook access code. Partially fulfills Division II, Area C, Part II General Education requirements.  
PREREQUISITE: SPAN 1601 and 3.0 GPA

**FIN 1820 Personal Finance: 1 SEMESTER, ½**  
CREDIT, 3 COLLEGE CREDITS (Online)  
AVAILABLE SUMMER

For the student who desires information on managing his/her personal income. Will fulfill CR graduation requirement.  
PREREQUISITE: 3.0 GPA

**THEA 2400 Discovering Theater: 1 SEMESTER,**  
½ CREDIT, 3 COLLEGE CREDITS, ITV

This course is an introductory examination of the various contemporary theater arts with a survey of the drama and the developments of major theater periods in western civilization.

**POLS 1500 Introduction to Politics: 1**  
SEMESTER, ½ CREDIT, 3 COLLEGE CREDITS,  
ONLINE

A survey of the determinations defining the relationship of the individual to the political environment and the political system. The primary

focus is on the three fundamental levels of politics: the individual, the state, and the international community.

**POLS 1510 American Government: 1**  
SEMESTER, ½ CREDIT, 3 COLLEGE CREDITS,  
(online)

The nature, philosophical basis, development, functions, structure, and processes of the government and politics of the United States and of Missouri. Emphasis on and analysis of the nature and development of the provisions and principles of the Constitution of the United States and Missouri.

**SOC 1800 Sociology: 1 SEMESTER, ½ CREDIT, 3**  
COLLEGE CREDITS, ONLINE, AVAILABLE  
FOR SUMMER

Explores the relationships of individuals, groups, and society in the context of changing social institutions. Addresses basic concepts and subfields in sociology.

**BIOL 2010 Human Biology: ½ CREDIT, 3**  
COLLEGE CREDITS, FACE TO FACE,  
AVAILABLE SUMMER ONLY, AT  
WARRENSBURG HS

An overview of Human Biology, emphasizing physiology, development, health, interpersonal and environmental interactions.

Additional Dual Credit courses available through UCM and SFCC upon request. See Counselor for more information.



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## Additional Learning Opportunities

### Crest Ridge Student Organizations:

- FFA – must be enrolled in Agriculture
- Future Business Leaders of America (FBLA)
  - Must be enrolled in Business courses
- Family, Career, and Community Leaders of America (FCCLA)
- Technology Student Association (TSA)
- Science Club
- Student Council – must be elected by student body
- Speech and Drama
- Art Club
- Fellowship of Christian Athletes (FCA)
- High School Taught Elementary Programs (Hi-STEP)
  - Must be at least a sophomore and have no grade lower than a C
- National Honor Society (NHS) 10th -12th grade
  - Must maintain 3.33 GPA and complete student activity form
- National Junior Honor Society (NJHS) 8-9th grade
  - Must maintain 3.33 GPA and complete student activity form
- Skills USA – must be enrolled in Career Center program

### Assessments:

- Missouri Assessment Program/End of Course Exams – Algebra I, Biology, English II, American Government, English I, American History, Geometry, Algebra II
- Missouri Assessment Program End of High School Exam - ACT - Juniors
- Pre-ACT – Sophomores
- TSA – all Career and Technical Education students – Ag., Business, Family and Consumer Science and all Career Center programs
- ASVAB – all Sophomores (1st Semester)
- PSAT – any Sophomore or Junior via Warrensburg High School
- ACT - Register online at [www.actstudent.org](http://www.actstudent.org)
- SAT - Pick up a registration packet from the counseling office
- Accuplacer (for dual credit, Community College and Career/Technical College course placement)

### Other learning opportunities through Guidance Curriculum:

- Missouri Connections Career Exploration and Planning at [www.missouriconnections.org](http://www.missouriconnections.org)
- Informational presentation of the Warrensburg Area Career Center – 8<sup>th</sup> grade
- Tour of Warrensburg Area Career Center – interested Sophomores
- State Fair Community College Career – all Sophomores
- Warrensburg High School College Fair – Juniors and Seniors are invited
- Lunchroom visits with College and Military Representatives
- Juniors are allowed one day excused absence for a College visit – Inform office prior to visit and bring in verification from college admissions office of the visit.
- Seniors are allowed two days of excused absence for a College visit - Inform office prior to visit and bring in verification from college admissions office of the visit.
- Job Shadowing – may be arranged individually through the office.
- Jr./Sr. and Parent information night – August/September of each year
- Sr. and Parent Financial Aid Night

[Click Here to Return to the Table of Contents](#)



## Sample Forms

### Crest Ridge High School A+ Participation Agreement



A+ School Mission: *“All students will acquire the knowledge, skills, and attitudes necessary for success in school, in the workplace, and in life.”*

NAME \_\_\_\_\_ DATE \_\_\_\_\_

ADDRESS \_\_\_\_\_, MO ZIP \_\_\_\_\_

PHONE \_\_\_\_\_ DATE OF BIRTH \_\_\_\_\_ GENDER \_\_\_\_ AGE \_\_\_\_  
GRADUATION YEAR \_\_\_\_\_

I, \_\_\_\_\_, have been fully informed of the conditions for eligibility for the A+ Student Financial Incentives in accordance with the A+ School Program at Crest Ridge High School. I understand that in order to qualify for eligibility for the financial incentives offered by the State of Missouri's A+ Schools Program, I must agree to accomplish all of the following:

1. Enter into a written agreement with Crest Ridge High School prior to graduation.
2. Be a U.S. citizen, permanent resident or otherwise lawfully present in the United States.
3. Graduate from an A+ designated high school with a cumulative grade point average of 2.5 or higher.
4. Have at least a 95% cumulative attendance record.
5. Perform 50 hours of unpaid and avoidance of the unlawful use of drugs.
6. Apply for federal financial assistance by filling out the FAFSA form. (Parental income is not a criterion for A+ student incentive reimbursement.)
7. Register for Selective Service.
8. Beginning with the high school senior **class of 2015**, have achieved a score of proficient or advanced on the official Algebra I end of course exam, or complete the first semester at a postsecondary institution with a minimum of twelve (12) hours or the equivalent and a two and one-half (2.5) grade point average prior to receiving A+ tuition reimbursement.

*To maintain eligibility after graduation, I understand that I must accomplish the following during the four-year period of incentive availability:*

1. *Enroll and attend full-time a Missouri Public Community College, Vocational, or Technical School.*
2. *Maintain a grade point average of 2.5 or higher.*
3. *Not be enrolled or intend to use the award to enroll in a course of study leading to a degree in theology or divinity.*
4. *Not have a criminal record preventing receipt of student financial aid.*

This agreement signifies that it is my intent to meet or exceed the above noted eligibility criteria that may allow me to participate in the A+ Student Financial Incentive Program. I further understand that if I should successfully meet the criteria, the State of Missouri may provide tuition incentives, subject to legislative appropriation, only after I have made a

[Click Here to Return to the Table of Contents](#)

documented good faith effort to secure all available federal post-secondary student financial assistance funds that do not require repayment, and the tuition incentives may only be made available to reimburse the unpaid balance of the cost of tuition, general fees, and up to fifty percent (50%) of the book cost, subject to legislative appropriation after the federal postsecondary student financial assistance funds have been applied to these costs.

_____ Student Signature	_____ Date	_____ Parent/Guardian Signature	_____ Date
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_____ A+ Coordinator	_____ Date
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By signing this Letter of Intent, I give permission for the Crest Ridge R-VII School District to release my name and social security number to the Department of Elementary and Secondary Education, Missouri Department of Higher Education and to the Missouri Community Colleges, Vocational, and/or Technical Schools for the purpose of obtaining the A+ Financial Incentives.

## Personal Plan of Study

### Individual Career and Academic Plan (ICAP) (Crest Ridge High School)

Name: \_\_\_\_\_

Graduation Year: \_\_\_\_\_

	Grade	Requirements/Credits	Credits	1st Semester	2nd Semester	Review Each Semester	
Secondary	9	Language Arts	1	ELA I	ELA I	<b>9th Grade Review</b> Dates: _____ Student's Signature(s): _____ Parents/Guardians' Signature(s): _____ Advisor's Signature(s): _____	<b>Select a Career Path</b> <input type="checkbox"/> Arts & Communication <input type="checkbox"/> Business Management & Technology <input type="checkbox"/> Health Services <input type="checkbox"/> Human Services <input type="checkbox"/> Industrial & Engineering Technology <input type="checkbox"/> Natural Resources & Agriculture  <b>Career Cluster</b> _____ <b>Program of Study</b> _____ <input type="checkbox"/> A+ Program <input type="checkbox"/> Career and Technical Education Certificate <input type="checkbox"/> Honor Diploma <input type="checkbox"/> Industry Recognized Credential <input type="checkbox"/> Missouri Seal of Biliteracy <input type="checkbox"/> NCAA <input type="checkbox"/> Technical Skill Attainment  <b>Postsecondary Goals</b> _____ _____ _____ <b>Postsecondary Options:</b> <input type="checkbox"/> Area Career Center <input type="checkbox"/> Employment <input type="checkbox"/> Military <input type="checkbox"/> 2 year College Major: _____ Minor: _____ <input type="checkbox"/> 4 year College or University Major: _____ Minor: _____ <input type="checkbox"/> Other: _____
		Social Studies	1	Amer. Hist.	Amer. Hist.		
		Mathematics	1				
		Science	1	Phys. Sci.	Phys. Sci.		
		P.E.	1				
		Electives or Fine/Practical Art Requirements	2				
	10	Language Arts	1	ELA II	ELA II	<b>10th Grade Review</b> Dates: _____ Student's Signature(s): _____ Parents/Guardians' Signature(s): _____ Advisor's Signature(s): _____	
		Social Studies	1	World Hist.	World Hist.		
		Mathematics	1				
		Science	1	Biology	Biology		
		P.E. or Fine/Practical Art Requirement	1				
		Electives	2				
	11	Language Arts	1	ELA III	ELA III	<b>11th Grade Review</b> Dates: _____ Student's Signature(s): _____ Parents/Guardians' Signature(s): _____ Advisor's Signature(s): _____	
		Social Studies	1	Amer. Gov.	Amer Gov.		
		Mathematics	1				
		Science	1				
Electives		3					
12	Language Arts	1			<b>12th Grade Review</b> Dates: _____ Student's Signature(s): _____ Parents/Guardians' Signature(s): _____ Advisor's Signature(s): _____		
	Electives	6					

\* Personal Finance education will occur via Career and Technical Ed. coursework, credit will be given upon taking Personal Finance End of Course exam .

revised 09/2017

[Click Here to Return to the Table of Contents](#)