



COURSE CATALOG

2023-2024

We offer 8 programs to high school juniors and seniors from 4 local school districts . Our classes are offered in 3-hour AM and PM blocks. All students have the opportunity to gain real world skills that will benefit them in the workplace and in further education.

To enroll in any of our courses students can contact their high school counselor for more information on the application process.

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MR. DUSTIN BRASCHLER
Director
MRS. BREANN FISH
Career & Tech Resource Educator

AUTOMOTIVE TECHNOLOGY I AND II*INSTRUCTOR: MR. THOMAS SMITH*

TWO YEAR PROGRAM

3 CREDITS: JUNIOR AND SENIOR

This course is for students planning to enter the Auto Mechanics profession. The course will provide training necessary to enter and succeed in the field of auto repair, maintenance, and service. In addition, automotive students will become familiar with shop operations. Students will train on the most up-to-date test equipment and tools in the profession of Auto Mechanics. Classroom instruction will involve technical information while the shop experience will be the practical application of that technical information. Students will have the opportunity to study design, construction, and operation of automobile units. Students will have the opportunity to earn their Automotive Service Excellence (ASE) student certification during this course.

CONSTRUCTION TRADES I AND II*INSTRUCTOR: MR. DALTON MARCH*

TWO YEAR PROGRAM

3 CREDITS: JUNIOR AND SENIOR

Construction Trades is a hands-on focused instructional program that prepares an individual for employment or continued education in occupations in the field of construction. This program is a basic course teaching fundamentals of safety, tools, math, basic carpentry and many other construction skills. Students will have the opportunity to earn their OSHA-10 certification during this course.

CRIMINAL JUSTICE I AND II*INSTRUCTOR: MR. CHRIS JOHNSTON*

TWO YEAR PROGRAM

3 CREDITS: JUNIOR AND SENIOR

This program is intended to be a general introduction to the American Criminal Justice System with emphasis on law enforcement. Students will explore U.S. Constitution Law and the Missouri Criminal Code. Some of the skills and knowledge of the general duties performed by law enforcement officials will be presented by officers from a variety of local law enforcement agencies adding their knowledge and experience with lectures and demonstrations throughout the program. Students will participate in lab activities related to each area of study. Students will have the opportunity to learn about patrol procedures, basic first aid, professional ethics, crime scene investigation, evidence procedure, defensive tactics and handcuffing as well as accident investigation. Students will have the opportunity to earn their MOLESK (Missouri Law Enforcement Skills and Knowledge) certification during this course.

**Upon the 2 year completion of this course students will earn 1 science credit.*

**Embedded into each area of study students have the opportunity to earn 1 English credit and 1 Math credit upon the 2 year completion of any CRCC program.*

DIGITAL MEDIA I AND II*INSTRUCTOR: MR. MATT MORIN*

TWO YEAR PROGRAM

3 CREDITS: JUNIOR AND SENIOR

This course provides students with access to the latest high-tech cameras and state-of-the-art software to jump start your future in the digital media field. Students will receive training on cameras, lighting, microphones, editing software, and special effects. This project based course offers students the opportunity to participate in projects such as the weekly DHS newscast, live sports events, radio shows, PSAs, and many other exciting activities.

HEALTH OCCUPATIONS I AND II*INSTRUCTOR: MRS. STEPHANIE THOMAS*

TWO YEAR PROGRAM

3 CREDITS: JUNIOR AND SENIOR

Health Occupations Class is designed to introduce students to medical terminology, anatomy, and basic bedside care skills. Students will learn to give daily care to a patient (bathe, feed, and assist with activities of daily living.) During this course students will learn the basic skills that all health care workers need and have the opportunity to train to become a Certified Nurse Assistant (CNA). Health Occupations students will gain experience in first-hand application of skills through their work with patients in a local nursing facility.

**Upon successful completion of this course students will earn 1 science credit.*

MULTIMEDIA I AND II (AM ONLY)*INSTRUCTOR: MRS. DEBI PEARSON*

TWO YEAR PROGRAM

3 CREDITS: JUNIOR AND SENIOR

Students will explore basic applications of various multimedia tools to create visual and written projects in both digital and print format. The student will develop skill and ability to properly operate computers, including proper use of file compression, CDs, flash drives, and network folders. The student will learn to properly format technical documents such as flyers, programs, brochures, newsletters, banners and business cards. Students will understand the functions of multimedia software applications and operate these programs on the computer. Multimedia students will manage and create digital images, create audio and video files as well as create and deliver presentations. In addition, students will identify career and self-employment opportunities in multimedia production. Students will have the opportunity to earn their Adobe Certified Associate (ACA) certification during this course.

**Embedded into each area of study students have the opportunity to earn 1 English credit and 1 Math credit upon the 2 year completion of any CRCC program.*

PROJECT LEAD THE WAY: COMPUTER SCIENCE (AM ONLY)

TWO YEAR PROGRAM

*INSTRUCTOR: MR. JAKE FRANCIS***3 CREDITS: JUNIOR AND SENIOR**

Whether building apps to meet client needs or exploring cybersecurity, PLTW Computer Science engages students in interdisciplinary activities that not only build knowledge and skills in computer science, but also empower students to develop essential skills such as problem solving, critical and creative thinking, communication, collaboration, and perseverance. The program's courses empowers students with in-demand knowledge and skills they will use in high school and for the rest of their lives, on any career path they choose.

Course Modules: Computer Science Essentials, Computer Science Principals, Computer Science A, Cybersecurity

**Please acknowledge that taking a computer science course to fulfill a unit of academic credit in mathematics may have an adverse effect on college admission decisions.*

WELDING TECHNOLOGY I AND II

TWO YEAR PROGRAM

*INSTRUCTOR: MR. JEFF HALE***3 CREDITS: JUNIOR AND SENIOR**

Students enrolling in first year welding receive approximately 540 hours of intense welding instruction. In this course students will study Oxyacetylene Welding and Cutting, Shielded Metal Arc Welding, Gas Metal Arc Welding and Gas Tungsten Arc Welding. The second year of Welding allows for and focuses more on in-depth training. Upon the completion of 2 years in the program students will earn 1080 training hours. The instruction will start students on the path for a successful future in the field of welding. Students will have the opportunity to earn their AWS (American Welding Society) certification during this course.

**Embedded into each area of study students have the opportunity to earn 1 English credit and 1 Math credit upon the 2 year completion of any CRCC program.*

COURSE DESCRIPTION***Embedded Credit Math***TWO YEAR PROGRAM

Embedded Credit Technical Math is designed to help students from Current River Career Center's sending schools earn a math credit while learning how the math will be used in their career or technical area of study.

Embedded Technical Math is designed to review the math skills needed on employment tests and give students math skills specific to their career or technical area of study. Student work will include the fundamental processes of mathematics with emphasis on problem-solving techniques. Included is a review of arithmetic, introductory algebra, rudiments of analytic geometry, and elementary trigonometry.

** Please acknowledge that using an Embedded Technical Math credit to fulfill a unit of academic credit in mathematics may have an adverse effect on college admission decisions.*

COURSE DESCRIPTION***Embedded Credit English***TWO YEAR PROGRAM

Embedded Credit Technical English emphasizes clarity, precision and conciseness in writing that explains, analyzes and defines real world business and technical topics to prepare students for college and career experiences. It stresses writing for a specific purpose and specific audience to be effective in college or career writing tasks such as letters, memos, forms, proposals, directions, reports, essays, summaries and other documents while focusing significantly on teamwork. This course focuses on communicating information about technical subjects within a work setting.

COURSE OPTIONS***Industry Recognized Credentials (IRC)***

- Adobe Certified Associate (ACA)
- American Heart Association Heartcode (BLS)
- American Welding Society (AWS)
- Automotive Technician Examination (ASE)
- CareerSafe OHSA-10
- Certified Nurse Assistant (CNA)
- Missouri Law Enforcement Skills and Knowledge (MOLESK)
- Federal Aviation Administration: sUAS Pilots Certification

**Embedded into each area of study students have the opportunity to earn 1 English credit and 1 Math credit upon the 2 year completion of any CRCC program.*