



Medford Career Academy Program



The mission of Medford Public School is to provide quality education and prepare our children and community for the future.



Medford students enrolled in the Medford Career Academy Program have the opportunity to take professional studies courses which combine hands-on & real-world learning experiences.

These courses and programs will benefit students from a partnership with community professionals & employers. The course content is made relevant by giving students access to career fields through guest instructors, field trips & work site projects.

This program will require students to be located outside of the school building at times. However, students are subject to the same Medford High School academic, attendance & behavioral expectations





Key features of this type of program

- Career exploration: Students gain hands-on experience in fields such as business, healthcare, education, and Ag Mechanical Technology, helping them discover career interests
- Skill development: Programs focus on developing 21st-century skills like critical thinking, collaboration, and problem-solving
- Industry partnerships: Programs are built on a strong partnership between schools and local businesses, which provide mentorship and real-world projects
- College credit: Students could potentially earn both high school and college credit while participating in the program
- Immersive experience: Students attend classes and work on projects at partner locations, not just their home high school



Strengths of this type of program

- These courses are designed to meet the three R's of modern day education: Real-world, Relevant & Rigorous!
- Provides students the opportunity to engage in experiential learning
- Helps students confirm career interests, build confidence, and understand their strengths
- Keep students from transferring for the same educational opportunities/experiences
- Still our students and keep our funding
- Out of the building, having real-world experiences
- Potential credentials and/or college credit opportunities
- Potential grant opportunities within each curricular area



Mechanical Service Skills Trades

While in the Mechanical Service Skills program, students are given an extraordinary opportunity to build projects from the ground up. This program will require students to manage time and tools; read and interpret building plans; work independently and in groups; and have a mature attitude towards their learning and experiences. Students will be working on a job site every day in small groups, individually, or with an entire class. They will gain experience in every aspect of Service Skills like Construction, Welding and Small Gas Engines. Areas of focus may include surveying, concrete, rough carpentry, plumbing, electrical, insulation, sheetrock, roofing, finishing/trim, painting, welding and motor sports.

Completing a project of this scale will equip students with valuable skills to make them wise consumers, as well as wise career decision makers. Students will earn the 10-hour OSHA certification as well as potential college credit through articulation agreements with educational partners. Students taking this path may look ahead to education and careers as contractors, plumbers, carpenters, electricians, masons, project managers, welders, motor sport technicians and engineers.



Healthcare & Medicine

The Healthcare and Medicine program provides students with an immersive learning experience locally, offering meaningful exposure to real-world healthcare settings. Through both classroom instruction and hands-on experiences, students develop a strong foundation in healthcare systems, medical terminology, patient care, professional communication, ethics, and legal considerations, while also exploring a wide range of healthcare career pathways.

This course encourages students to be active, independent learners and emphasizes collaboration, critical thinking, and personal growth. Learning activities include case studies, problem-solving tasks, and project-based learning designed to build practical skills and confidence. With guided mentorship from healthcare professionals, students are able to explore their individual interests within the field of healthcare and medicine.

Students may have the opportunity to obtain First Aid, CPR, and Certified Nursing Assistant (NA/R) certifications, further preparing them for future education and careers in healthcare.



General Business

General Business is a professional, work-based learning course in which students engage in real-world, project-based, active learning experiences through collaborations with educational/business and community partners. These interactions enhance the learning experience, preparing students to be college and career ready. The unique experiences students receive will allow them to cultivate transformative professional skills critical to providing students a competitive advantage in their post-secondary education and professional careers. Students realize their strengths and passions through exploring and experiencing, allowing them to make informed decisions about their future, while currently learning to exhibit success skills (professional skills, soft skills, 21st century skills) transferrable to any career endeavor.

This course is designed to provide students an opportunity to engage in experiences in authentic business environments. Students will work on partner-driven projects, experience the challenges of solving business problems, have a multitude of guest instructors, make business site visits, and have a professional mentor?. Students will review business topics with a focus on entrepreneurship, financial resources, human relations, human resources, leadership skills, management & marketing.



Intro to Education

Introduction to Education provides an overview of the education profession and U.S. education system, including historical development, social foundations, and educational institutions. Other topics discussed include current theories; trends and issues in education and the community; certification standards; roles and responsibilities of teachers, learners, and other school personnel; and a field experience/practicum experience. Coinciding with classroom work, students will take field trips to various educational settings, learn from guest instructors focusing on various topics in the world of education, and take part in various “teaching” experiences through observations and student contact.