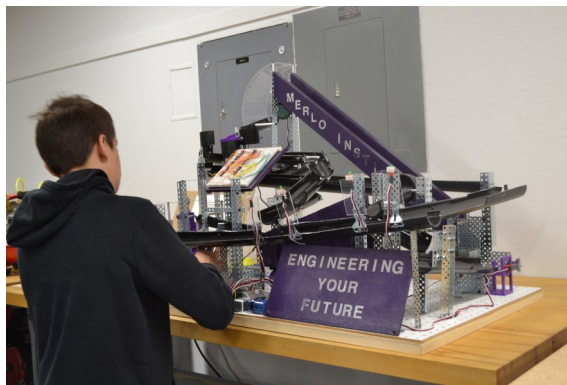


Environmental Resources is designed to provide a foundation of knowledge and skills in careers related to energy, environment, and utilities. The pathway emphasizes real-world, occupationally relevant knowledge, skills, and experiences of significant scope and depth in Environmental Resources, Energy and Power Technology, and Telecommunications. The standards integrate academic and technical preparation and focus on career awareness, career exploration, preparation for entry to technical-level employment, and alignment with post-secondary programs focused on energy, utilities, and related fields.



Engineering Technology is designed to provide a foundation in the engineering sector pathways and occupations. This includes learning opportunities for students interested in preparing for careers in the design, production, or maintenance of mechanical, electrical, electronics, and computer and electromechanical systems and products. Sample occupations associated with this pathway include: Engineering Technologist, Field Engineer, and Operations Engineer. The curriculum includes the design process, 3D modeling, electrical energy, principles of engineering, industrial engineering processes, and control system design. Students have the opportunity to compete in robotics and engineering competitions to broaden their learning environment.



Design, Visual & Media Arts provides students with an in depth understanding of digital design tools, processes and systems common to careers in graphic arts and digital production. Topics include printing enterprise, art and copy preparation, graphic design, image generation and assembly, production photography, graphic reproduction operations, binding and/or finishing related to digital imaging, printing, and digital production. Graphic Design serves as an introduction to a variety of AME Pathways including, Graphic Arts, Professional, Photography, Animation, and Game Design. Students work with Adobe Creative Cloud applications including InDesign, Illustrator and Photoshop.

