

Merlo's Story

Edward C. Merlo Institute of Environmental Technology (MIET) is a specialty high school within the Stockton Unified School District. The school was founded in 2007, it was done so with grades 9-11th. Currently, the school serves a 9th-12th grade students.

MIET provides career pathways for high school students who have an interest in exploring environmental career fields and/or acquiring job entry skills. Students come to MIET by choice via an application process. Mutual acceptance follows completion of a contract with affirmed commitments by students, parents and the school.

As a college and Career Technical Education program, MIET is dedicated to academic and career preparation with an emphasis on good citizenship. MIET seeks to provide a smooth transition from school to work as students are encouraged to participate in internship programs in their particular career field during their senior year. The school maintains a "workplace" culture with students adhering to a professional dress code. The framework by which Merlo Institute operates is based upon the career academy model.

Message from Principal Gary D. Phillips

Welcome to Edward C. Merlo Institute of Environmental Technology! It is my honor to serve you as principal of Merlo. I look forward to providing you information on the benefits of attending our very special program.

Merlo Institute Mission

The mission of Edward C. Merlo is to provide a secure and nurturing environment that promotes diversity, equity, rigor, and environmental awareness. We are committed to graduating self-sufficient, independent, and socially responsible adults.

Merlo Institute Vision

Together, as a community, Edward C. Merlo provides a safe learning environment that supports, empowers and motivates our students to excel both academically and socially, while preparing them to be productive and positive community leaders.



www.MerloIET.Info



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Edward C. Merlo
Institute of Environmental Technology

Address
1670 East 6th Street
Stockton, CA
95206

Phone: 209-933-7190
Fax: 209-469-3740
Email: MerloIET@stocktonusd.org

EDWARD C. MERLO INSTITUTE OF ENVIRONMENTAL TECHNOLOGY



Edward C. Merlo
Institute of Environmental Technology



Career Pathways

Environmental Resources
Engineering Technology
Design, Visual & Media Arts

Merlo Application



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.

