Colorado CTE

Maintenance, Installation & Repair (2015): Grades 9, 10, 11, 12, Higher Education

Adopted 2015

Understand the manufacturing process and systems common to the electromechanical installation and maintenance industries. MIRP.01

01. **Apply knowledge of the manufacturing process and system to electromechanical installation and maintenance.** MIRP.01.01

    a. Discuss the advantages and disadvantages of energy resources currently in use or under research that influences or will influence electromechanical installation and maintenance industry systems and processes. MIRP.01.01.A

    b. Discuss the energy conversion processes and energy transmission systems used in the electromechanical installation and maintenance industry. MIRP.01.01.B

    c. Understand the energy extraction process, energy conservation systems, and energy storing in the electromechanical installation and maintenance industry. MIRP.01.01.C

    d. Identify specific careers preparation and planning requirements for employment in the electromechanical installation and maintenance industry and how these requirements apply to anyone planning to enter and advance in the industry. MIRP.01.01.D

    e. Discuss the procedures and processes as they occur in an electromechanical installation and maintenance project. MIRP.01.01.E