

ETM-ENGINEERING TECHNOLOGY: MECHANICAL

ETM 1010C Mechanical Measurement & Instrumentation (3 Credits)

This course provides the foundation for both mechanical and electronic measurement techniques encountered in the advanced manufacturing environment. The course integrates conceptual measurements with various mechanical and electronic measuring instruments and their usage.

ETM 2401C Mechanical Devices and Systems (3 Credits)

This course covers mechanical basics, measurement devices and lubricants in the industrial environment. This course introduces and emphasizes the basic skill necessary for mechanical maintenance personnel. Introduction to the basic physics concepts applicable to the mechanics of industrial production equipment, the application of mechanical principles with additional emphasis on power transmission, and specific mechanical components will be taught.

Prerequisite: C or higher in ETS 1542C and EET 1084C