

ENGINEERING TECHNOLOGY MANAGEMENT (ETM)

ETM 310 Manufacturing Safety 3 Hours

Safety from a supervisor's perspective with knowledge of industrial issues necessary to understand how these topics relate to those personnel currently working full time in manufacturing facilities. Application of accident prevention methods including recognition, avoidance and removal of potential injury causing elements of the workplace.

Restriction(s): Enrollment is limited to students in Engineering Technology Mgmt (5007) or Computer Information Tech (555)

Recent Term(s) Offered: None

ETM 342 Production Operations 3 Hours

Methods for producing quality products for suppliers and manufacturing operations of multiple varieties in industry. Will include examples from various manufacturing industries.

Restriction(s): Enrollment is limited to students in Engineering Technology Mgmt (5007) or Computer Information Tech (555)

Recent Term(s) Offered: None

ETM 356 Systems Design and Operations 3 Hours

A study of manufacturing operations and their administration, facilities-layout, work systems, forecasting and decision making. Applications of resource planning determining product demand, controlling inventory, goods and services.

Restriction(s): Enrollment is limited to students in Engineering Technology Mgmt (5007) or Computer Information Tech (555)

Recent Term(s) Offered: None

ETM 371 Quality Systems 3 Hours

A study of quality systems in use in industry. Application of acceptance sampling, covering military and ISO quality standards and organizations.

Restriction(s): Enrollment is limited to students in Engineering Technology Mgmt (5007) or Computer Information Tech (555)

Recent Term(s) Offered: None

ETM 390 Project Planning and Execution 3 Hours

Core concepts of project planning and execution based on processes of initiating, planning, executing, controlling, and closing projects. Topics include project proposals, project selection, scope definition, CPM and PERT scheduling, budgeting, control techniques, and project manager skills.

Restriction(s): Enrollment is limited to students in Engineering Technology Mgmt (5007) or Computer Information Tech (555)

Recent Term(s) Offered: None

ETM 396 Supply Chain for Leaders 3 Hours

Supply chain management, logistics within a worldwide view. Exploring the value of information, customer expectations and decision support systems.

Restriction(s): Enrollment is limited to students in Engineering Technology Mgmt (5007)

Recent Term(s) Offered: None

ETM 397 Lean Systems 3 Hours

Applications of lean principles in industrial disciplines. This is the enhancement of customer value, elimination and reduction of all forms of waste within a facility.

Restriction(s): Enrollment is limited to students in Engineering Technology Mgmt (5007) or Computer Information Tech (555)

Recent Term(s) Offered: None

ETM 430 Supervision 3 Hours

The functions of industrial supervision will be studied. Students will develop the required skills to function in a highly technical, industrial environment in a supervisory capacity. Content includes leadership, management styles and management-labor relations.

Restriction(s): Enrollment is limited to students in Engineering Technology Mgmt (5007) or Computer Information Tech (555)

Recent Term(s) Offered: None