

Based on ABET CAC Student Learning Outcomes

1. Course Number and Name:

ENGT 2500 Technical Project Management

2. Credits and Contact hours:

Credits: 3 hours, Contact: 3 lecture hours

3. Instructor's or course coordinator's name:

Gary L. Daugherty

4. Text book, title, author, and year:

Absolute Beginners Guide to Project Management, 2nd Edition, Hormine, 2009

a. Other supplemental materials:

None

5. Specific Course Information:

a. Brief description of the content of the course (catalog description):

General methodology of managing a technical project from concept to operational use. Emphasis is on the functions and responsibilities of the project manager related to maintaining project control and team management.

b. Pre-requisites, or co-requisites:

None

6. Specific goals for the course:

a. Specific outcomes of instruction:

1. Understand the key concepts and fundamentals of project management.
2. Recognize the importance of project budgets and schedules and the significance of the relationship between them.
3. Understand the difference between leadership and management.
4. Effectively apply project management principles to all types of projects.
5. Understand the importance of quality performance from all types of projects team members.
6. Recognize the significance of effective time management and adequate planning.

b. Explicitly indicate which of the student outcomes listed in Criterion 3 or any other outcomes are addressed by the course: None

construction projects relative to budget, schedule, organization and contractual obligations.

7. Brief list of topics to be covered:

This course studies the fundamentals of project management for those students with little or no prior knowledge of project management. Lectures will include discussions on project definitions, contracts, scheduling, job conditions, delays and claims, strategies, budgets, communications and the relationship between clients (customers), contractors, vendors, engineers, architects and regulatory agencies.