EM411  PROJECT MANAGEMENT  3.5 Credit Hours
(BS=0.0, ET=3.5, MA=0.0)


This course develops skills required to lead an organization to the achievement of their objectives through the proper application of the management of planning, implementing and controlling the organization activities, personnel and resources. The course focuses on the Implementation phase of the Systems Decision Process (SDP). Topics include project selection, roles and responsibilities of the project manager, planning the project, budgeting the project, scheduling the project, allocating resources to the project, monitoring and controlling the project, evaluating and terminating the project, risk assessment and management, organizational structure and human resources. Case studies illustrate problems and how to solve them. Course assignments are designed to help students learn and apply project management techniques taught in the course. The class design project will provide students with the opportunity to integrate project management software, Microsoft Project, into the preparation of an Engineering Management Project Plan. Cadets spend several lessons in a computer lab environment.

**Lessons:** 40 @ 55 min (2.500 Att/wk)  
**Labs:** 0 @ 0 min

**Special Requirements:**  
None