1. **Course number and name**  
   ENGR 290: Engineering Project Management

2. **Credits and contact hours**  
   1 credit hour

3. **Instructor’s or course coordinator’s name**  
   Instructor: Chris W. Thomson, PE, CCP, PMP  
   Course coordinator: Ghassan Tarakji, Professor of Civil Engineering

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

5. **Specific course information**  
   a. **brief description of the content of the course (catalog description)**  
      This course provides an introduction to various concepts and tools associated with engineering project management;
   
   b. **prerequisites or co-requisites**  
      ENGR 200 or ENGR 205; current enrollment in ENGR 300
   
   c. **indicate whether a required, elective, or selected elective course in the program**  
      Elective for Mechanical Engineering

6. **Specific goals for the course**  
   a. **Specific outcomes of instruction, ex. The student will be able to explain the significance of current research about a particular topic.**  
      - The students will be familiar with basic skills and knowledge in team-based engineering projects  
      - The students will be know fundamental concepts related to team-based projects  
      - The students will be learn use of related software for scope management, time management, and cost management
   
   b. **Explicitly indicate which of the student outcomes listed in Criterion 3 or any other outcomes are addressed by the course.**  
      Course addresses ABET Student Outcome(s): a, c, d, g, k

7. **Brief list of topics to be covered**  
   - Project management processes  
   - Project scope management  
   - Project time management  
   - Project cost management