1. **Course Number and name**
   EGGG101, Introduction to Engineering
   Fall Semester 2010

2. **Credits and contact hours**
   2 credits, 2 contact hours

3. **Instructor’s or course coordinator’s name**
   Michael Chajes
   Summer 2010

4. **Textbook**
   None

5. **Supplemental material**
   None

6. **Specific course information**

   **Catalog Description**
   Introduction to profession, including disciplines of chemical, civil, computer, electrical, environmental, and mechanical engineering. Prepares students for success through integration of: technical problem solving and engineering design, ethical decision-making, teamwork, and communicating to diverse audiences.

   **Prerequisites or co-requisites**
   None

   **Course is required**

7. **Specific goals for the course**

   **Specific outcomes of instruction**
   Help first-semester engineering students decide on a major.

   **Student Outcomes**
   - Understanding of professional and ethical responsibility
   - Understand the impact of engineering solutions in a global and societal context
   - Recognition of the need for and an ability to engage in life-long learning
   - Knowledge of contemporary issues

8. **Brief list of topics to be covered**
   - Introduction to the University of Delaware and to the College of Engineering
   - Discussion of what is engineering
   - Career panel on jobs in engineering, and skills needed to succeed
   - Presentation on career services at UD
   - Introduction to the discipline of Chemical Engineering
   - Introduction to the discipline of Civil and Environmental Engineering
   - Introduction to the discipline of Electrical and Computer Engineering
   - Introduction to the discipline of Mechanical Engineering
   - Introduction to the discipline of Biomedical Engineering