Course Syllabus EECS 2000 – EECS Professional Development

**Credits & Contact Hours** 1 credit hour & one 50-minute classroom contact per week.

**Coordinator** Dr. Larry Thomas

**Textbook** None. Required readings will include current articles from the

Communications of the ACM and the IEEE Spectrum.

**Course Information** Preparation for entry to the professions of Electrical Engineering and

Computer Science and Engineering, including ethics and social responsibilities, employment practices, continuing education and

professional registration.

Prerequisite: None

Required for CSE and EE majors

Specific Goals- Student Learning Objectives The student will be able to

- 1. understand the differences between patent, copyright and trademark protection.
- 2. understand modern issues in privacy understand an issue and discuss as a paper.
- 3. develop an appreciation of professional registration and lifelong learning.
- 4. develop an effective resume.
- 5. conduct themselves professionally and effectively in a job interview.
- 6. understand the pertinent issues in developing a business plan.
- 7. learn in a classroom setting both the expected behavior in a work environment, as well as, a professional code of ethics.
- recognize and adopt a code of professional responsibility
  which will govern their actions as engineers including: their
  professional responsibility, competency, truthfulness in
  public statements, and the avoidance of both conflicts of
  interest and improper solicitation.
- identify contemporary regional, national, or global socioeconomic problems that may confront engineers during the course of their professional careers
- Course Introduction
  - 2. Co-op requirements / Co-op Contract
  - 3. Resumes

**Topics** 

- 4. Company Research and the Spring Career Expo
- 5. Interviewing Skills
- 6. Privacy
- 7. Professionalism
- 8. Intellectual Property
- 9. Resume and mock interview follow-up
- 10. Ethics
- 11. Lifelong Learning / Graduate School / Career Building