CS 2900 : CAREER PREPARATION IN COMPUTING FIELDS

Semester Hours: 2.0   *Contact Hours:* 2

Coordinator: Jong Kwan "Jake" Lee

Text: N/A

Author(s):   N/A

Year: N/A

SPECIFIC COURSE INFORMATION

Catalog Description:

Introduction to computing fields and careers in IT. Career exploration and planning. Introduction to the Co-op/internship experience. Job search preparation and strategies-resumes, interview preparation, job fair participation. Professional ethics and etiquette. Prerequisite: Major in BS in CS, BA in CS, or BS in SE. Graded S/U.

Course type: **REQUIRED**

SPECIFIC COURSE GOALS

- I can explain multiple career options in the field of CS/IT.

- I can identify skillsets needed for a CS/IT career path.

- I can understand professional ethics and etiquette.

- I can write job-appropriate resumes.

- I can search for jobs related to the computing profession.

- I can approach job interviews in a professional and well-prepared manner.

COMPUTER SCIENCE STUDENT OUTCOMES ADDRESSED BY THIS COURSE

- CS 3 Communicate effectively in a variety of professional contexts

- CS 4 Recognize professional responsibilities and make informed judgments in computing practice based on legal and ethical principles

SOFTWARE ENGINEERING STUDENT OUTCOMES ADDRESSED BY THIS COURSE

- SE 3 An ability to communicate effectively with a range of audiences
- SE 4 An ability to recognize ethical and professional responsibilities in engineering situations and make informed judgements, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts
- SE 7 An ability to acquire and apply new knowledge, as needed, using appropriate learning strategies

LIST OF TOPICS COVERED

- Introduction to Computing Fields and Careers in IT (40%)
    - Domains in Computer Science
    - Career Options in Computer Science
    - Career Development Opportunities
- Co-op and Career Preparation (40%)
    - Resume: Development, General vs. CS/IT Resumes, Tips, Critiques
    - Interview: Strategies, Mock Interviews, Critiques, Employer's Perspective
    - Job Fair and CS Meet and Greet: Reflection
    - Co-op/Internship Requirements
    - Career Center Office Mechanics and Services
    - Career Resource Library
    - Job Search Strategies
- Career Transitions (20%)
    - Transition from Freshman/Sophomore to Junior/Senior in Computer Science
    - Transition from Students to Professionals
    - Professional Ethics and Etiquette
    - Introduction to Career Planning