

COURSE DESCRIPTION

Dept., Number	CS 3195 Required	Course Title	Junior Professional Orientation
Semester hours	15 hours	Course Coordinator	Claudia Casas

Current Catalog Description

Introduction to the Computer Science profession with a special emphasis on professional ethics. Required of all students prior to graduation.

Textbook:

Izumo, Carter and Ozee (2002). *Keys to Career Success: How To Achieve Your Goals* (2nd ed.). Upper Saddle River, NJ: Prentice Hall.

Course Outcomes:

Level 1: Knowledge and Comprehension

Level 1 outcomes are those in which the student has been exposed to the terms and concepts at a basic level and can supply basic definitions. The material has been presented only at a superficial level.

Upon successful completion of this course, students will be able to:

- 1a. Describe possible career paths, including: co-ops and internships; graduate study and research; employment in business; and employment in government.

Level 2: Application and Analysis

Level 2 outcomes are those in which the student can apply the material in familiar situations, e.g., can work a problem of familiar structure with minor changes in the details.

Upon successful completion of this course, students will be able to:

- 2a. Write a resume.
- 2b. Identify personal characteristics such as strengths, weaknesses, and contacts.
- 2c. Analyze goals and future plans, especially with respect to post graduate opportunities.
- 2d. Identify personal preferences in work environments, fields of study, culture, climate, and other areas
- 2e. Complete the Career Services Mock Interview Process.

Level 3: Synthesis and Evaluation

Level 3 outcomes are those in which the student can apply the material in new situations. This is the highest level of mastery.

Upon successful completion of this course, students will be able to:

- 3a. Evaluate an issue of professional ethics in computing and create a presentation or report.
- 3b. Compare requirements and characteristics of graduate schools.
- 3c. Compare livability factors in cities.
- 3d. Compare work environment in companies.

Student Outcomes

Student Outcomes: 5, 6, 7, 8

Prerequisites by Topic

CS 2302 with a grade of C or better

Major Topics Covered

1. Resume writing
2. Goal analysis and career planning skills
3. Identification of personal and professional skills
4. Career path investigation
5. Post-graduate opportunities
6. Environmental preferences influencing career and location choice
7. Contact and interviewing techniques
8. Professional Ethics