

**University of Texas at El Paso**  
**Course Syllabus**

**COURESE DESCRIPTION**

<b>Dept., Number</b>	CS3195	<b>Course Title</b>	Junior Professional Orientation
<b>Approval Date</b>	September 2018	<b>Course Coordinator</b>	Diego Aguirre

**CATALOG DESCRIPTION**

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

**TEXT BOOK**

*Baase, Sara (2012). A Gift of Fire: Social, Legal, and Ethical Issues for Computing Technology (4th Edition)*

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

- a. Describe techniques for face-to-face and telephone interviews.
- b. Recognize possible post-baccalaureate paths, including graduate study, entrepreneurship, and employment in government, academia, and the private sector.
- c. Describe the role of ethics in society and software engineering.
- d. Describe the need and venues for continuing professional development.

**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:

- a. Set short-term and long-term goals based on one's strengths, weaknesses, and experiences.
- b. Prepare for and participate in a mockup interview.
- c. Evaluate the impact of computer science solutions on individuals, organizations, and society.
- d. Prepare a portfolio that includes a cover letter, resume, samples of software development experiences, oral communication, and written communication samples

**ABET STUDENT OUTCOMES MAPPING**

<b>Course outcomes</b>	<b>Student Outcome</b>
None	1
None	2 (ABET 1)
None	3 (ABET 2)
None	4 (ABET 5)
1c, 2c	5 (ABET 4)
1a, 2b, 2d	6 (ABET 3)
2c	7
1d, 2a	8
None	9
None	10 (ABET 6)

**PREREQUISITES BY TOPIC**

CS 2302 with a grade of C or better OR CS 2402 with a grade of C or better
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