CREDITS AND CONTACT HOURS: Credit Hours: 2, Contact Hours: 30

COORDINATOR:
Dr. Sarah Lee/Dr. Andrew Watkins

TEXTBOOKS: No required text
a. Supplemental Material: Various reading material available on mycourses.msstate.edu

SPECIFIC COURSE INFORMATION:

a. Catalog Description: Two hours lecture. Introduction to the computer science and software engineering curricula, profession, and career opportunities. Historical perspective; support role of the department. Ethics, team building, problem solving.
b. Prerequisites: No Prerequisites
a. Required/Elective:
  Computer Science – Required
  Software Engineering – Required
  Computer Engineering - Elective

SPECIFIC GOALS OF THE COURSE:

a. Specific Outcomes of Instruction:
   1. To develop basic problem solving skills
   2. To increase understanding of the fields of computer science and software engineering
   3. To practice both oral and written communication skills in relation to computing
   4. To demonstrate the ability to work in teams
   5. To introduce ethical issues unique to computing

b. Criterion 3 Outcomes:
   Note: Parenthesized list indicates the ABET EAC and CAC outcomes addressed by each performance criteria.
   1. Demonstrate the ability to solve basic problems in computing and design (EAC: e; CAC: b)
   2. Demonstrate the ability to write and speak about project work (EAC: g; CAC: f)
   3. Demonstrate the ability to function in project teams (EAC: d; CAC: d)
   4. Demonstrate an understanding of some ethical issues specific to computing (EAC: f, CAC: e)

TOPICS COVERED:

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<td>2. Opportunities in Computing</td>
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5. Problem solving and group work 9