UNIVERSITY OF CENTRAL FLORIDA

ACADEMIC LEARNING COMPACTS

COLLEGE OF ENGINEERING AND COMPUTER SCIENCE
INFORMATION TECHNOLOGY - B.S.

Discipline Specific Knowledge, Skills, Behavior and Values

1. Analyze a complex computing problem and to apply principles of computing and other relevant disciplines to identify solutions.
2. Design, implement, and evaluate a computing-based solution to meet a given set of computing requirements in the context of the program`s discipline.
3. Communicate effectively in a variety of professional contexts.
4. Recognize professional responsibilities and make informed judgements in computing practice based on legal and ethical principles.
5. Function effectively as a member or leader of a team engaged in activities appropriate to the program`s discipline.
6. Use systemic approaches to select, develop, apply, integrate, and administer secure computing technologies to accomplish user goals.

Critical Thinking

1. Analyze a complex computing problem and to apply principles of computing and other relevant disciplines to identify solutions.
2. Design, implement, and evaluate a computing-based solution to meet a given set of computing requirements in the context of the program`s discipline.
3. Recognize professional responsibilities and make informed judgements in computing practice based on legal and ethical principles.
4. Function effectively as a member or leader of a team engaged in activities appropriate to the program`s discipline.
5. Use systemic approaches to select, develop, apply, integrate, and administer secure computing technologies to accomplish user goals.

Communication

1. Communicate effectively in a variety of professional contexts.
2. Recognize professional responsibilities and make informed judgements in computing practice based on legal and ethical principles.
3. Function effectively as a member or leader of a team engaged in activities appropriate to the program`s discipline.

4. **Use systemic approaches to select, develop, apply, integrate, and administer secure computing technologies to accomplish user goals.**

Assessment of Information Technology - B.S. Outcomes

These outcomes will be assessed using a variety of assessment methods, including:

- **Data for the assessment will be collected through surveys (alumni, industry, graduating students), embedded concept test questions, and course assessment reports.**