Academic Learning Compact

Information Technology BS

Program Mission Statement

The School of Computing is dedicated to the promotion of an academically exciting and progressive intellectual climate, characterized by a superior program of instruction, peer-recognized scholarship, effective support services, and productive professional community involvement. In particular, the School is committed to offering undergraduate and graduate degree programs observing national standards, maintaining and expanding course offerings to keep pace with the rapid development of computer theory and computer technology. In recognition of its leadership position in computing, the School supports the need for instruction in computing as required by other University programs and advocates faculty participation in collaborative computer-related projects involving other professionals or colleagues. The vitality of the School is enhanced by encouraging ongoing faculty research and development, ultimately serving the instructional mission of the School and providing both Northeast Florida and the nation with a wellspring of knowledge and wisdom in computing.

The Information Technology degree combines professional requirements with general education requirements and electives to prepare all students for a professional career in the Information Technology field, for further study in Information Technology, and for functioning in modern society. Such preparation is also useful to those students who are interested in pursuing graduate studies.

Student Learning Outcomes

Graduates will be able to:

Content/Discipline-Specific Knowledge/Skills

- Analyze a complex computing problem and to apply principles of computing and other relevant disciplines to identify solutions
- Design, implement, and evaluate a computing-based solution to meet a given set of computing requirements in the context of the program's discipline
- Identify and analyze user needs and to take them into account in the selection, creation, integration, evaluation, and administration of computing-based systems

Communication Skills

- Communicate effectively in a variety of professional contexts
- Function effectively as a member or leader of a team engaged in activities appropriate to the program's discipline

Critical Thinking Skills

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

Assessment Approaches

Student Learning Outcomes are categorized based on attainment of: 1) Content/Discipline-Specific Knowledge/Skills, 2) Communication Skills – Collaboration and Oral & Written Communications, and 3) Critical Thinking Skills. A number of direct and indirect assessment approaches will be employed to assess attainment of the outcomes.

Direct Assessments

Content/Discipline-Specific Knowledge/Skills
- CIS3253 - Legal and Ethical Issues in Computing
- CIS4360 - Introduction to Computer Security
- CNT4406 - Network Security and Management

Communication Skills
- CIS3253 - Legal and Ethical Issues in Computing
- Oral presentations completed in various courses.

Critical Thinking Skills
- CIS3253 - Legal and Ethical Issues in Computing.

Indirect Assessments

All three categories

- Graduating Senior Survey - 7 questions