

Current ABET IT Program Criteria including recommended changes:

3. Student Outcomes

The program must enable students to attain, by the time of graduation:

- (j) An ability to use and apply current technical concepts and practices in the core information technologies of human computer interaction, information management, programming, networking, web systems and technologies. [IT]
- (k) An ability to identify and analyze user needs and take them into account in the selection, creation, evaluation and administration of computer-based systems. [IT]
- (l) An ability to effectively integrate IT-based solutions into the user environment. [IT]
- (m) An understanding of best practices and standards and their application. [IT]
- (n) An ability to assist in the creation of an effective project plan. [IT]

5. Curriculum

Students must have course work or an equivalent educational experience that includes:

- a. Coverage of the fundamentals of
 - 1. the core information technologies of human computer interaction, information management, programming, networking, web systems and technologies. [IT]
 - 2. information assurance and security. [IT]
 - 3. system administration and maintenance. [IT]
 - 4. system integration and system architecture. [IT]
- b. Advanced course work that builds on the fundamental course work to provide depth. [IT]