

IT 3003: Professional Development & Entrepreneurship

3 Credit Hours

Concurrent: IT 3123

This course covers two major topics: professional development and entrepreneurship. The course will prepare students for internship positions and careers after graduation. The course will cover such things as creating a professional development plan, the STAR interviewing method, professional presentations, team dynamics, 10 principles of entrepreneurship, and innovation and entrepreneurship.

IT 3123: Hardware and Software Concepts

3 Credit Hours

Prerequisite: (IT 1114 and IT 1114L with 'C' or better) OR (IT 1113 with 'C' or better) OR (CSE 1321 and CSE 1321L with 'C' or better)

This course examines various hardware and software components and how they work together in a modern computing environment. Topics include an overview of computer organization and architecture, machine language and modern languages.

IT 3203: Introduction to Web Development

3 Credit Hours

Prerequisite: (IT 1114 and IT 1114L with 'C' or better) OR (IT 1113 with 'C' or better) OR (CSE 1321 and CSE 1321L with 'C' or better)

This introduction course covers applications for the world wide web. Topics include current languages (such as HTML and JavaScript), basic web protocols, and human-computer interfaces for the web.

IT 3223: Software Acquisition and Project Management

3 Credit Hours

Prerequisite: (IT 1114 and IT 1114L with 'C' or better) or (CSE 1321 and CSE 1321L with 'C' or better)

This course provides a high-level introduction to two areas that are crucial to the IT profession, namely project management and software acquisition. It introduces students to the phases both in the project management and software acquisition and implementation process. Since requirements are crucial to both activities, the course will provide students with an in-depth introduction to requirements engineering. The course will also introduce students to a widely used project management information system.