

# INFORMATION TECHNOLOGY ESSENTIALS (ITE)

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**ITE 120. Principles of Information Systems. (3 Credits)**

Provides an overview of the fundamentals of computer information systems. Focuses on the role of computers in business today including hardware, software, analysis, design and implementation of information systems. Includes an introduction to computer ethics, and business and personal security. Exposes students to techniques used in programming and system development. Utilizes a hands-on component for spreadsheets, databases and web design applications. Lecture 3 hours per week. Total 3 hours per week.

**ITE 140. Spreadsheets for Business. (3 Credits)**

Provides a working knowledge of a commercial spreadsheet package to include design and development of a variety of worksheets, preparing graphs, working with database queries, macro writing, menu techniques, and decision analysis tools. Lecture 3 hours per week. Total 3 hours per week.

**ITE 152. Introduction to Digital Literacy and Computer Applications. (3 Credits)**

Develops understanding of digital and information literacy. Introduces basic computer concepts in hardware, software, cyber, cloud, database, and operating systems. Includes hands-on experience developing word processing, spreadsheet and presentation documents. Evaluates the reliability of sources. Covers creating a simple web page. Examines topics such as social, legal, and ethical issues. This is a UCGS transfer course. Lecture 3 hours. Total 3 hours per week.

**ITE 160. Introduction to E-Commerce. (3 Credits)**

Studies the culture and demographics of the Internet, on-line business strategies and the hardware and software tools necessary for Internet commerce. Includes the identification of appropriate target segments, the development of product opportunities, pricing structures, distribution channels over the Internet, and the execution of marketing strategy in computer-mediated environments. Presents case histories of successful Web applications. Lecture 3 hours per week. Total 3 hours per week.

**ITE 170. Multimedia Software. (3 Credits)**

Explores technical fundamentals of creating multimedia projects with related hardware and software. Students will learn to manage resources required for multimedia production and evaluation and techniques for selection of graphics and multimedia software. Lecture 3 hours per week. Total 3 hours per week.

**ITE 182. User Support/Help Desk Principles. (3 Credits)**

Introduces a variety of tools and techniques that are used to provide user support in help desk operations. This course includes help desk concepts, customer service skills, troubleshooting problems, writing for end users, help desk operations, and software, needs analysis, facilities management, and other topics related to end user support. Lecture 3 hours per week. Total 3 hours per week.

**ITE 270. Advanced Multimedia Development. (3 Credits)**

Refines multimedia skills, focusing on project development using digital media: video clips, still images, and audio (sounds, music, and narration). Lecture 3 hours per week. Total 3 hours per week. Prerequisite: ITE 170.