

INFORMATION COMMUNICATION TECH (INTE)

INTE 1050 - Intro to Information Tech. (3 Credit Hours)

This course is designed to provide students with the skills and best practices necessary to be successful in the Information Technology program, as well as, within business and industry. It focuses on building a solid, concise foundations in the fundamentals of information systems through the most recent research, references, and examples in the field.

Prerequisite(s): None
(3/0/3)

INTE 1150 - PC Hardware & Software Lab (3 Credit Hours)

PC Hardware and Software is a hands-on, career-oriented e-learning solutions with an emphasis on practical experience to help students develop fundamental computer skills, along with essential career skills. This course covers mobile devices, networking technology, hardware, virtualization and cloud computing, and network troubleshooting.

Prerequisite(s): None
(1/2/3)

INTE 1210 - Introduction to Programming (3 Credit Hours)

Designed for the student to develop an understanding of the basic logic structures used in application development. An introductory programming language such as Visual Basic may be used for the application of these logic structures.

Prerequisite(s): None
(1/2/3)

INTE 1850 - Intro to Linux (3 Credit Hours)

This course is designed to provide students with the skills needed to install and support the Linux operating system, including user administration, file permissions, software configurations, and the fundamental management of Linux systems.

Prerequisite(s): None
(1/2/3)

INTE 1950 - Intro to Cloud Computing (3 Credit Hours)

This course introduces students to cloud computing while evaluating and assessing the business and technical benefits of cloud computing, gain the foundation to analyze cloud applications for use within an organization.

Prerequisite(s): None
(1/2/3)

INTE 2015 - Fundamentals of Client/Server (3 Credit Hours)

Provides students with the knowledge and skills that are required to manage the latest Windows Operating System and Windows Server through systems design, deployment, management, and troubleshooting.

Prerequisite(s): None
(1/2/3)

INTE 2115 - Advanced Client/Server (3 Credit Hours)

This course introduces students to planning, designing, and deploying a physical and logical Windows Server enterprise and Active Domain Services infrastructures including the network services. The students will learn how to plan and implement some of the advanced features available in Windows Server.

Prerequisite(s): INTE 2015
(1/2/3)

INTE 2150 - Networking I (3 Credit Hours)

This course is an introduction and is a foundation networking course that will cover the following topics: media and topologies, protocols and standards, network implementation, and network support.

Prerequisite(s): None
(1/2/3)

INTE 2250 - Networking II (3 Credit Hours)

Introduces students to installing, operating, and troubleshooting a small enterprise branch network security. The students will learn about networking fundamentals, WAN technologies, basic security and wireless concepts, routing and switching fundamentals, and configuring simple networks.

Prerequisite(s): INTE 2150
(1/2/3)

INTE 2350 - Advanced Networking (3 Credit Hours)

This course is designed to provide students with the skills needed to configure and troubleshoot networks, LAN switching & WAN technologies, routing technologies including IPv4 and IPv6, infrastructure services, and infrastructure maintenance.

Prerequisite(s): INTE 2250
(1/2/3)

INTE 2545 - Network Security:Ethical Hack (3 Credit Hours)

This course is designed to provide an overview and understanding of established cyber security strategy as well as provide students with the opportunity to engage in strategic decision making in the context of cyber security. The course will assess current threats in varying contexts including conducting a threat or vulnerability assessment for a non-profit or government service organization, as well as evaluate current methodology and approaches to pave the way for the development and implementation of cyber security strategy at the organization or corporate level.

Prerequisite(s): None
(1/2/3)

INTE 2830 - Cabling Infrastructure (3 Credit Hours)

Introduction of basic concepts of network cabling systems through the use of copper wiring and fiber optics. Focus on networking cabling design, installation, testing, certification, and troubleshooting for voice, video, and data networks.

Prerequisite(s): None
(1/2/3)

INTE 2950 - Advanced Cloud Computing (3 Credit Hours)

Students will effectively demonstrate knowledge of how to architect and deploy secure and robust applications on AWS technologies. They will also define a solution using architectural design principles based on customer requirements and provide implementation guidance based on best practices to the organization throughout the life cycle of the project.

Prerequisite(s): INTE 1950
(1/2/3)

INTE 2975 - Internship/Job Seeking Skills (3 Credit Hours)

This course is designed to be the final course taken by students in their last semester. Students will be assigned one or more projects at the college site or at an employer's site to gain practical hands-on workplace-related skills. While assisting students in making immediate and future decisions concerning job choices and educational growth by compiling resumes, evaluation job offers, and outlining information essential to finding, applying for, and terminating a job.

Prerequisite(s): None
(0/3/3)

INTE 2993 - Special Projects II (2 Credit Hours)

A course designed for the student who has demonstrated specific special needs.

Prerequisite(s): None

(0/2/2)

INTE 2995 - Special Projects III (3 Credit Hours)

A course designed for the student who has demonstrated specific special needs.

Prerequisite(s): None

(0/3/3)

INTE 2996 - Special Projects IV (3 Credit Hours)

A course designed for the student who has demonstrated specific special needs.

Prerequisite(s): None

(3/0/3)

INTE 2997 - Practicum (3 Credit Hours)

A Practicum provides supervised on-the-job work experience related to the student's education objectives. Students participating in Practicum do not receive compensation.

Prerequisite(s): None

(0/3/3)