COURSE DESCRIPTIONS BY COURSE DISCIPLINE PREFIX

IT FOUNDATIONS

CTI-110 IT Foundations 3 (2-2) Spring
Prerequisites:
Corequisites:
This course provides an introduction to technology concepts and current trends in IT. Topics include foundational concepts across various IT domains such as, but not limited to, artificial intelligence, database fundamentals, programming principles, and web development. Upon completion, students should be able to demonstrate knowledge in core IT areas and apply skills critical for their academic and professional success.(2025 FA)

INTRO TO WIRELESS TECHNOLOGY

CTI-175 Intro to Wireless Technology 3 (2-2) AND
Prerequisites:
Corequisites:
This course introduces the student to the technologies and standards of wireless telecommunications. Topics include the design, implementation, configuration, security, standards and protocols of wireless local area networks (WLAN). Upon completion, students should be able to design, implement, and administer wireless local area networks. (2016 SP)

NETWORK & SEC FOUNDATIONS

CTI-120 Network & Sec Foundations 3 (2-2) Fall
Prerequisites:
Corequisites:
This course introduces students to the Network concepts, including networking terminology and protocols, local and wide area networks, and network standards. Emphasis is placed on securing information systems and the various implementation policies. Upon completion, students should be able to perform basic tasks related to networking mathematics, terminology, media and protocols. (2025 FA)

VIRTUALIZATION CONCEPTS

CTI-140 Virtualization Concepts 3 (1-4) AND
Prerequisites:
Corequisites:
This course introduces operating system virtualization. Emphasis is placed on virtualization terminology, virtual machine storage, virtual networking and access control. Upon completion, students should be able to perform tasks related to installation, configuration and management of virtual machines. (2012 SU)