COURSE DESCRIPTIONS BY COURSE DISCIPLINE PREFIX

CTI COMPUTER TECH INTEGRATION

CTI-110 **Web, Pgm, & Db Foundation** **3 (2-2)** **Fall Spring**

Prerequisites: None
Corequisites: None
This course covers the introduction of the tools and resources available to students in programming, mark-up language and services on the Internet. Topics include standard mark-up language Internet services, creating web pages, using search engines, file transfer programs and database design and creation with DBMS products. Upon completion students should be able to demonstrate knowledge of programming tools, deploy a web-site with mark-up tools, and create a simple database table.(2009 FA)

CTI-120 **Network & Sec Foundation** **3 (2-2)** **Fall Spring**

Prerequisites: None
Corequisites: None
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. (2009 FA)

CTI-140 **Virtualization Concepts** **3 (1-4)** **AND**
Prerequisites: None
Corequisites: None
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)