2021-2022 TTC Catalog

Virtualization and Cloud Computing

Certificate in Applied Science
30 Credit Hours

This certificate program is designed for individuals who have some experience or training in systems and network operations. It is designed to provide expertise in virtualization and cloud computing technologies to prepare you for employment in the fast growing fields of virtualization and cloud computing. It is ideal if you are employed or are pursuing employment in a business that includes a virtualization and/or cloud infrastructure and an information technology focus as part of the organization. This program presents the knowledge and skills needed to develop and implement virtualization and cloud computing systems and infrastructure for business and industry. This program will help you prepare for COMPTIA Cloud Essentials and Cloud +, VMware VCA, VCP, Red Hat OpenStack and Amazon Web Services sysops Administrator-associate certification exams.

Major Requirements

CPT 180 Shell Scripting 3
CPT 298 Introduction to Software as a Service (SaaS) 3
IST 165 Implementing and Administering Windows Directory Services 3
IST 190 Linux Essentials 3
IST 191 Linux System Administration 3
IST 192 Linux Network Applications 3
IST 198 Cloud Essentials 3
IST 250 Network Management 3
IST 253 LAN Service and Support 3
IST 298 Advanced Cloud Computing 3

Total: 30

Admission into this program requires proof of high school graduation (or GED) and qualifying placement levels.