

COMPUTER TECHNOLOGIES

Storage & Virtualization Degree

Storage and Virtualization Degree (A25590SV)

– Day and Evening

This degree program provides skills and credentials that can qualify graduates for a variety of positions – in organizations all over the world. Any organization that uses operating system virtualization, cloud computing, or data storage solutions will need people trained in these disciplines.

The program includes courses in Cisco routing and switching, Microsoft desktop and server operating systems, in-depth training with O/S virtualization, and unique courses in datacenter storage hardware environments. Instruction in these areas can qualify students to take industry certification exams in VMWare, Cisco, Microsoft, CompTIA, and NetApp.

This program also includes a co-op component, putting students to work with local employers for on-the-job training in “live” datacenters.

PROGRAM SEQUENCE

FIRST SEMESTER

CTI	110	Web, Pgm & DB Foundation	3
CTI	120	Network & Sec Foundation	3
CTI	130	OS and Device Foundation	6
ENG	111	Writing and Inquiry	3
MAT	143	Quantitative Literacy	3

SECOND SEMESTER

NOS	130	Windows Single User	3
NOS	230	Windows Admin I	3
CTI	140	Virtualization Concepts	3
NET	125	Networking Basics	3
NET	126	Routing Basics	3
CTI	141	Cloud & Storage Concepts	3

SUMMER SEMESTER

WBL	112	Work-Based Learning I	2
CTI	240	Virtualization Admin I	3

THIRD SEMESTER

ENG	114	Professional Research & Reporting	3
CTS	118	IS Professional Comm	2
OMT	154	Customer Satisfaction	2
—	—	Major Electives	4
—	—	Humanities and Fine Arts Elec (3 hrs)	3
—	—	Social & Behavioral Sciences Elec (3 hrs)	3

FOURTH SEMESTER

CTS	288	Professional Practices in IT	3
CTI	241	Virtualization Admin II	3
CTI	260	Data Center Troubleshooting	3
CTS	115	Info Sys Business Concept	3
NET	135	Data Center Networking	3
—	—	Major Elective II	2

Major Electives

CCT	121	Computer Crime Investigations	4
CCT	240	Data Recovery Techniques	3
CTS	120	Hardware/Software Support	3
CTS	155	Technical Support Functions	3
CTS	220	Advanced Hardware/Software Support	3
CTS	255	Advanced Technical Support Functions	3
NET	115	Telecom for IT Professionals	3
NET	175	Wireless Technology	3
NET	225	Routing and Switching I	3

NET	226	Routing and Switching II	3
NET	240	Network Design	3
NOS	120	Linux/UNIX Single User	3
NOS	125	Linux/UNIX Scripting	3
NOS	220	Linux/UNIX Admin I	3
NOS	231	Windows Admin I	3
NOS	232	Windows Admin III	3
PMT	110	Intro to Project Management	3
SEC	110	Security Concepts	3
SEC	150	Secure Communications	3
WBL	122	Work Based Learning II	2
WBL	132	Work Based Learning III	2

Humanities/Fine Arts Elective

(Select 3.0 hours from the following courses)

ART	111	Art Appreciation	3
HUM	115	Critical Thinking	3
MUS	110	Music Appreciation	3
PHI	240	Introduction to Ethics	3

Social/Behavioral Science Elective

(Select 3.0 hours from the following courses)

ECO	151	Survey of Economics	3
ECO	251	Principles Of Microeconomics	3
POL	120	American Government	3
PSY	118	Interpersonal Psychology	3
PSY	150	General Psychology	3
SOC	210	Introduction to Sociology	3

Graduation Requirements 73 Credit Hours