IT - Storage and Virtualization (A25590SV)
A.A.S. Degree (Day)
PROGRAM PLANNING GUIDE

Updated: Fall 2017
Realignment: Fall 2016 (Replaces A25500D - CTI-Data Storage & Virtualization Degree)
Courses taken more than 5 yrs. ago may not receive transfer credit. Consult your advisor for details.

Curriculum By Semester			Hours Per Week		Credits
			Class	Lab	Credits
FIRST SEMESTER					
CTI	110	Web, Pgm, & Db Foundation	2	2	3
CTI	120	Network & Sec Foundation	2	2	3
CTI	130	OS and Device Foundation	4	4	6
ENG	111	Writing and Inquiry	3	0	3
MAT	143	Quantitative Literacy	2	2	3
SECOND SEMESTER					
CTI	140	Virtualization Concepts	1	4	3
CTI	141	Cloud & Storage Concepts	1	4	3
NET	125	Introduction to Networks	1	4	3
NET	126	Routing Basics	1	4	3
NOS	130	Windows Single User	2	2	3
NOS	230	Windows Administration I	2	2	3
SUMMER SEMESTER					
CTI	240	Virtualization Admin I	1	4	3
WBL	112	Work-Based Learning I	0	32	2
THIRD SEMESTER					
CTS	118	IS Professional Comm	2	0	2
ENG	114	Professional Research & Reporting	3	0	3
OMT	154	Customer Satisfaction	2	0	2
		Major Elective I	-	-	2
		Humanities and Fine Arts Elective	-	-	3
		Social and Behavioral Sciences Elective	-	-	3
FOURTH SEMESTER					
CTI	241	Virtualization Admin II	1	4	3
CTI	260	Data Center Troubleshooting	2	2	3
CTS	115	Info Sys Business Concepts	3	0	3
CTS	288	Professional Practices in IT	2	2	3
NET	135	Data Center Networking	2	2	3
		Major Elective II	-	-	2

GRADUATION REQUIREMENT: **Credit Hours   73**

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General Education Electives					
			Class	Lab	Credits
Humanities and Fine Arts Electives					
(choose 3 credit hours from the following courses)					
ART	111	Art Appreciation	3	0	3
HUM	115	Critical Thinking	3	0	3
MUS	110	Music Appreciation	3	0	3
PHI	240	Introduction to Ethics	3	0	3
Social and Behavioral Sciences Electives					
(choose 3 credit hours from the following courses)					
ECO	151	Survey of Economics	3	0	3
ECO	251	Principles of Microeconomics	3	0	3
POL	120	American Government	3	0	3
PSY	118	Interpersonal Psychology	3	0	3
PSY	150	General Psychology	3	0	3
SOC	210	Introduction to Sociology	3	0	3
Required Major Electives					
Students must complete a minimum of 4 credit hours of electives (choose two)					
CCT	121	Computer Crime Investigations	3	2	4
CCT	240	Data Recovery Techniques	2	3	3
CTS	120	Hardware/Software Support	2	3	3
CTS	155	Technical Support Functions	2	2	3
CTS	220	Advanced Hardware/Software Support	2	3	3
CTS	255	Advanced Technical Support Functions	2	2	3
NET	115	Telecom for IT Professionals	2	2	3
NET	175	Wireless Technology	2	2	3
NET	225	Routing and Switching I	1	4	3
NET	226	Routing and Switching II	1	4	3
NET	240	Network Design	3	0	3
NOS	120	Linux/UNIX Single User	2	2	3
NOS	125	Linux/UNIX Scripting	2	2	3
NOS	220	Linux/UNIX Admin I	2	2	3
NOS	231	Windows Admin II	2	2	3
NOS	232	Windows Admin III	2	2	3
PMT	110	Intro to Project Management	3	0	3
SEC	110	Security Concepts	2	2	3
SEC	150	Secure Communications	2	2	3
WBL		Work-Based Learning* (all numbers accepted)	-	30	2

* Work based education is an elective. Students must have approval from the Program Director and pre-register with the Work-Based Learning Office. The work may be done over any number of semesters, but the total elective credits must add up to 4 for electives 1 and 2.

IT - Storage and Virtualization (A25590SV)
A.A.S. Degree (Evening)
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			\multicolumn Hours Per Week		
FIRST SEMESTER					
CTI	110	Web, Pgm, & Db Foundation	2	2	3
CTI	120	Network & Sec Foundation	2	2	3
CTI	130	OS and Device Foundation	4	4	6
SECOND SEMESTER					
MAT	143	Quantitative Literacy	2	2	3
NOS	130	Windows Single User	2	2	3
NOS	230	Windows Administration I	2	2	3
SUMMER SEMESTER					
CTI	140	Virtualization Concepts	1	4	3
ENG	111	Writing and Inquiry	3	0	3
THIRD SEMESTER					
CTI	141	Cloud & Storage Concepts	1	4	3
NET	125	Introduction to Networks	1	4	3
NET	126	Routing Basics	1	4	3
FOURTH SEMESTER					
CTS	118	IS Professional Comm	2	0	2
NET	135	Data Center Networking	2	2	3
OMT	154	Customer Satisfaction	2	0	2
SUMMER SEMESTER					
ENG	114	Professional Research & Reporting	3	0	3
WBL	112	Work-Based Learning I	0	32	2
FIFTH SEMESTER					
		Major Elective I	-	-	2
CTI	240	Virtualization Admin I	1	4	3
CTS	115	Info Sys Business Concepts	3	0	3
SIXTH SEMESTER					
CTI	241	Virtualization Admin II	1	4	3
CTI	260	Data Center Troubleshooting	2	2	3
		Major Elective II	-	-	2
SUMMER SEMESTER					
CTS	288	Professional Practices in IT	2	2	3
		Humanities and Fine Arts Elective	-	-	3
		Social and Behavioral Sciences Elective	-	-	3

GRADUATION REQUIREMENT: **Credit Hours   73**

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NET	226	Routing and Switching II	1	4	3
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NOS	220	Linux/UNIX Admin I	2	2	3
NOS	231	Windows Admin II	2	2	3
NOS	232	Windows Admin III	2	2	3
PMT	110	Intro to Project Management	3	0	3
SEC	110	Security Concepts	2	2	3
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