

## Convergence Technology Proposed Curriculum Outline

### Certificate - Cloud Computing, Virtualization, and Storage Technology

CIP 15.0305

30 credit hours

Many CPMT, EECT, ITCC, ITMT, ITNW (except ITNW 2374), and ITSY courses are offered in eight-week express sessions

#### FIRST YEAR

##### First Semester

			<u>Lec</u>	<u>Lab</u>	<u>Ext</u>	<u>Cont</u>	<u>Credit</u>
<del>EECT</del>	<del>1407</del>	<del>Convergence Technologies</del>	<del>3</del>	<del>3</del>	<del>0</del>	<del>96</del>	<del>4</del>
ITMT	1370	Configuring and Supporting Microsoft Windows 7	2	2	0	64	3
ITNW	1370	Cloud + Computing Fundamentals	2	3	0	80	3
ITMT	2301	Windows Server 2008 Network Infrastructure Configuration	2	3	0	80	3
<del>ITCC</del>	<del>1304</del>	<del>CCNA 1 Cisco Exploration 1—Network Fundamentals</del>	<del>2</del>	<del>3</del>	<del>0</del>	<del>80</del>	<del>3</del>
ITCC	1371	CCNA 1 Cisco - Introduction to Networks	2	3	0	80	3
<del>ITCC</del>	<del>1304</del>	<del>CCNA 2 Cisco Exploration 2—Routing Protocols and Concepts</del>	<del>2</del>	<del>3</del>	<del>0</del>	<del>80</del>	<del>3</del>
ITCC	1374	CCNA 2- Routing and Switching Essentials	2	3	0	80	3
			10	14	0	384	15

##### Second Semester

			<u>Lec</u>	<u>Lab</u>	<u>Ext</u>	<u>Cont</u>	<u>Credit</u>
ITNW	2373	Information Storage Management (EMC)	2	3	0	80	3
ITNW	2375	VmWare vSphere: Installation, Configuration and Management	2	3	0	80	3
<del>EECT</del>	<del>1371</del>	<del>Voice-over-Internet Protocol (CCNA-VOICE)</del>	<del>2</del>	<del>2</del>	<del>0</del>	<del>64</del>	<del>3</del>
Elective*			2	2	0	64	3
EECT	2337	Wireless Telephony Systems (Capstone)	2	3	0	80	3
Elective*			2	2	0	64	3
			10	13	0	368	15
						752	30

\* Elective (3 credit hours): EECT 1380 (with consent of Program Director), ITNW 1380 (with consent of Program Director), or ITNW 2350

\* Elective (6 credit hours): EECT 1371 (recommended), ITCC 2371 (recommended in combination with ITCC 2372), ITCC 2372, ITMT 2302 (recommended), EECT 1348, ITSY 1300 (recommended), or any ITSY course or one of the following Co-op courses EECT 1380 (with consent of Program Director) or ITNW 1380 (with consent of Program Director).