## **NORTH CENTRAL STATE COLLEGE**

Information Technology – Networking Major 2016-2017

FALL	FALL YEAR			
Complete	Course Number	Course Title	Prerequisites	Credits
	ENGL 1010	English Composition I	WRIT 0090 and READ 0080 *	3
	ITEC 1610	IT Essentials (A+)		3
	ITEC 1620	Wireshark 101		2
	ITEC 1635	Cisco CCENT	ITEC 1620c	4
	ITEC 1690	Network Security (Security+)	ITEC 1610c	3
	ITEC 1860	Introduction to Programming		3
			Semester Credit Hours	18

SPRING	SPRING YEAR			
Complete	Course Number	Course Title	Prerequisites	Credits
	BUSM 1260	Project Management		3
	ENGL 1030	English Composition II	ENGL 1010 (minimum grade of C-)	3
	ITEC 1650	Linux Fundamentals (Linux+)		3
	ITEC 1660	Cisco CCNA - Routing and Switching	ITEC 1635 (minimum grade of C-)	4
	ITEC 2650	Data Center Virtualization (VMware - VCA)	ITEC1610 (minimum grade of C-)	3
			Semester Credit Hours	16

FALL YEAR 1				
Complete	Course Number	Course Title	Prerequisites	Credits
	COMM 1010	Speech		3
	ITEC 1810	Microsoft Office for IT Professionals	CISS1020 or pass Computer Literacy Assessment	3
	ITEC 2610	Installing and Configuring Windows Server 2012	ITEC 1610 (minimum grade of C-)	3
	ITEC 2660	Cisco CCNA - Wireless	ITEC 1635 (minimum grade of C-)	3
	MATH 1030	Variable Relationships: Algebra and Graphing	MATH 0074 (minimum grade of C-) or COMPASS Algebra score of ≥31 or ACT Math score of ≥21	3
			Semester Credit Hours	15

SPRING	SPRING YEAR T			TWO
Complete	Course Number	Course Title	Prerequisites	Credits
		Humanities Elective		3
		Social Science Elective		3
	BUSM 1110	Business Law		3
	ITEC 2670	Administering Windows Server 2012	ITEC 2610 (minimum grade of C-)	3
	ITEC 2700	Capstone for Networking Professionals	ITEC 1650 (minimum grade of C-), ITEC 1660 (minimum grade of C-), ITEC 1690 (minimum grade of C-), ITEC 2670c, BUSM 1260, COMM 1010, ENGL 1030, MATH 1030	3
	OR	OR		1-2
	ITEC 2980	Cooperative Work Experience	ITEC 2990m (Instructor permission required) & 18 credit hours of ITEC	
	and ITEC 2990	and Seminar	courses ITEC2980m (Instructor permission required) & 18 credit hours of ITEC courses	1
	ITEC	Certification Technical Elective	Instructor Permission Required	1
			Semester Credit Hours	15-16
			TOTAL SEMESTER HOURS	64-65

CERTIFICATION TECHNICAL ELECTIVES						
Complete	Course Number	Course Title	Prerequisites	Credits		
	ITEC 2701	Certification Preparation for A+	Instructor Permission Required	1		
	ITEC 2702	Certification Preparation for Security+	Instructor Permission Required	1		
	ITEC 2703	Certification Preparation for Linux+	Instructor Permission Required	1		
	ITEC 2704	Certification Preparation for CCENT	Instructor Permission Required	1		
	ITEC 2705	Certification Preparation for CCNA Routing & Switching	Instructor Permission Required	1		
	ITEC 2706	Certification Preparation for VMWare (VCA)	Instructor Permission Required	1		
	ITEC 2707	Certification Preparation for Windows Server Exam 70-410	Instructor Permission Required	1		
	ITEC 2708	Certification Preparation for Windows Server Exam 70-411	Instructor Permission Required	1		
	ITEC 2709	Certification Preparation for CCNA Wireless	Instructor Permission Required	1		
	ITEC 2710	Certification Preparation for CCNA Security	Instructor Permission Required	1		
	ITEC 2711	Certification Preparation for Certified Ethical Hacker (CEH)	Instructor Permission Required	1		
	ITEC 2712	Certification Preparation for Computer Hacking Forensic Investigator	Instructor Permission Required	1		

c = Can be concurrent m = Must be concurrent

HUMA	HUMANITIES ELECTIVES				
Complete	Course Number	Course Title	Prerequisites	Credits	
	ARTS 1030	Art Appreciation		3	
	HIST 1010	American History I		3	
	HIST 1030	American History II		3	
	HUMA 1010	Introduction to Humanities	READ 0080 ^	3	
	HUMA 1030	Leadership & the Classics		3	
	HUMA 2999	Special Topics in Humanities		3	
	MUSC 1010	Music Appreciation		3	
	PHIL 1010	Western Philosophy		3	
	PHIL 1030	Philosophy of Religion		3	
	PHIL 1050	American Philosophy		3	
	PHIL 1070	Science, Art & Literature		3	
	PHIL 1090	The History of the Future		3	
	PHIL 1110	Ethics		3	
	PHIL 1130	Philosophy & Science		3	
	PHIL 1170	Eastern Philosophy		3	
	PHIL 2999	Special Topics in Philosophy		3	
	THEA 1010	Intro To Theatre		3	

SOCIA	SCIENCES	ELECTIVES		
Complete	Course	Course Title	Prerequisites	Credits
	Number			
	COMM 2010	Group Communication		3
	COMM 2030	Interpersonal Communication		3
	COMM 2250	Interviewing		3
	COMM 2999	Special Topics in Communication	TBD	1 to 6
	ECON 1010	Introduction to Economics		3
	POLT 1010	American National Government		3
	PSYC 1010	Introduction to Psychology		3
	PSYC 1030	Personal Adjustment		3
	PSYC 1070	Intro to Women's Studies		3
	PSYC 1090	Death, Grief, & Recovery		3
	PSYC 2010	Human Growth & Development	PSYC 1010	3
	PSYC 2030	Child Psychology	PSYC 1010	3
	PSYC 2050	Abnormal Psychology		3
	PSYC 2070	Human Sexuality		3
	PSYC 2090	Social Psychology	PSYC 1010	3
	PSYC 2100	Personality Theory	PSYC 1010	3
	PSYC 2130	Industrial/Organizational Psych	PSYC 1010	3

## Information Technology – Networking Major Curriculum Worksheet

PSYC 2150	Educational Psychology	PSYC 1010	3
PSYC 2170	Forensic Psychology	PSYC 1010	3
PSYC 2999	Special Topics in Psychology	TBD	1 to 6
SOCY 1010	Introduction to Sociology		3
SOCY 2010	Cultural Diversity and Racism		3
SOCY 2030	Marriage and Family		3
SOCY 2999	Special Topics in Sociology	TBD	1 to 6

c = Can be concurrent m = Must be concurrent

- \* COMPASS Writing ≥81 or 69-80 plus eWrite of 6 or ACT English ≥22 or 18-21 plus eWrite of 6 or WRIT 0090 and COMPASS Reading ≥80 or READ 0080
- \*\* Mandatory Math Placement All incoming students will be required to take the COMPASS placement test and based on their COMPASS scores, students will be placed in appropriate mathematics courses. Successful completion (C- or better) of any math course is required in order to advance to the next higher level math course.
- ~ Prior to graduation, all students entering after Summer 2008, must receive credit for MATH 0074 Introduction to Algebra, or any math course above MATH 0074 or a COMPASS Algebra score of ≥31, or an ACT Math score ≥21.
- ^ Placement in WRIT 0090 or higher; students placed in READ 0080 cannot enroll in HUMA1010 until they have completed their reading course.

The College strongly recommends that students be covered by hospitalization insurance, which can be purchased through a private carrier. To obtain a brochure regarding insurance, contact the Student Success Center. (Rm 103 Kee Hall) or call toll free 888-755-4899, ext. 4761 or locally 419-755-4761.

Beginning Academic Year 14/15 FYEX 0050 SUCCESS! is required for all students new to North Central State College. Placement in the course is determined at the time of study skills assessment testing.