

Attachment A: Bachelor of Science in Information Technology---Associate in Applied Science in Information Technology-Networking Augmented Cloud & IT Infrastructure

Joliet Junior College (total credits =95, Lewis University total credits=33)

First Semester	Hours	Second Semester	Hours
CIS 122 Computer Information System Fundamentals	4	CNT 103 Cisco Certified Network Associate (CCNA) Advanced	3
CNT 101 Cisco Certified Network Associate (CCNA) Introduction	3	CIS 145-Network Fundamentals	3
CNT 102 CCNA Intermediate	3	CNT 104 Cisco Certified Network Associate (CCNA) Practicum	3
CIS 125 Cloud Essentials	3	CIS 123 Linux Essentials Network	3
Humanities or Fine Arts Course	3	ENG 101 Rhetoric	3
		Social & Behavioral Sciences Course	3
Total Hours	16		18

Third Semester	Hours	Fourth Semester	Hours
CIS225 Cloud Security	3	CIS 102 Artificial Intelligence Fundamentals	3
CNT200 Network Architecture	3	CYBIT Elective	3
CNT 220 Cisco Certified Network Associate (CCNA) Security	3	CIS 135 Introduction to Programming	4
CYBIT 271 CyberOps	3	CIS 162 Wireless Foundations	3
Social & Behavioral Sciences Course	3	MATH 137 Introduction to Discrete Math**	4
Humanities or Fine Arts Course	3		
Total Hours	18		17

Lewis University (total credits = 33)

Fifth Semester	Hours	Sixth Semester	Hours
CIS 236 Programming in C	4	Science Course	3
PHIL 103 Introduction to Ethics	3	Humanities or Fine Arts Course	3
COMM 101 Principles of Communication	3	ENG 102 Rhetoric II	3
Science Course	3	Social & Behavioral Sciences Course	3
<i>INSY 23000 Legal and Ethical Issue in Computing</i>	3	<i>CPSC 42000 Cybersecurity Essentials</i>	3
Total Hours	16		15

Seventh Semester	Hours	Eighth Semester	Hours
<i>THEO 10000 Search for Faith</i>	3	<i>SOCI 29000 Diversity and Social Justice</i>	3
<i>CPSC 30000 Computer Organization</i>	3	<i>CPSC 35000 Operating Systems</i>	3
<i>CPSC 33000 Database Systems</i>	3	<i>CPSC 42200 Wireless Security</i>	3
<i>CPSC 24700 Web and Distributed Programming</i>	3	<i>CPSC 49300 Infrastructure Capstone</i>	3
<i>CPSC 48000 Client Server Computing</i>	3		
Total Hours	15		12

*** If the student did not place out of MATH 13100, they will have to take that first, perhaps during the preceding summer term.**

Courses listed in *italics* are Lewis courses; all other courses are JJC courses.