

**Appendix A – Transfer Guide/Program Articulation**

<b>Sending Institution:</b>	Joliet Junior College	<b>Receiving Institution:</b>	Lewis University
<b>Degree:</b>	AAS Cybersecurity	<b>Degree:</b>	Bachelor of Science
<b>Department:</b>	Health, Public Safety and Human Services	<b>Department:</b>	College of Aviation, Science and Technology
<b>JJC Program Code:</b>	CO 246	<b>Program:</b>	Cybersecurity

**Attachment A: Bachelor of Science in Cybersecurity---Associate in Applied Science in Cybersecurity**

**Joliet Junior College (total credits =93, Lewis University total credits=42)**

**Student must complete Associate in Applied Science in Cybersecurity.**

**All courses are JJC courses unless indicated otherwise.**

<b>First Semester</b>	<b>Hours</b>	<b>Second Semester</b>	<b>Hours</b>
ENG 101 Rhetoric	3	CNT 101 Cisco Certified Network Associate (CCNA) Introduction	3
MATH 137 Introduction to Discrete Math*	4	CNT 220 Cisco Certified Network Associate (CCNA) Security	3
CIS 123 Linux Essentials Network Development Group	3	CIS 275 IT Technical Support	3
CIS 172 Operating Systems Fundamentals	3	CIS 276 Advanced IT Support	3
CIS 277 Security Fundamentals	3	CIS 263 Networking Essentials	3
		Social & Behavioral Sciences	3
<b>Total Hours</b>	<b>16</b>		<b>18</b>

<b>Third Semester</b>	<b>Hours</b>	<b>Fourth Semester</b>	<b>Hours</b>
CIS 272 Server Fundamentals	3	CIS 162 Wireless Foundations	3
CIS 292 Computer & Network Security	3	CIS 236 Programming in C	4
CIS 296 Computer Forensics	3	CIS 278 Ethical Hacking	3
CIS 135 Introduction to Programming	4	CIS 294 Cybersecurity Analyst	3
Humanities & Fine Arts	3	CIS 297 CyberOps	3
<b>Total Hours</b>	<b>16</b>		<b>16</b>

<b>Fifth Semester</b>	<b>Hours</b>	<b>Sixth Semester</b>	<b>Hours</b>
Social Science	3	Social Science	3
Fine Arts & Humanities	3	Humanities & Fine Arts	3
COMM 101 Principles of Communication	3	ENG 102 Rhetoric II	3
Science	3	Science	3
N/A		PHIL 103 Introduction to Ethics	3
THEO 10000 Search for Faith (Lewis course)	3	SOCI 29000 Diversity and Social Justice (Lewis course)	3
<b>Total Hours</b>	<b>15</b>		<b>18</b>

<b>Seventh Semester</b>	<b>Hours</b>	<b>Eighth Semester</b>	<b>Hours</b>
INSY 35100 Security Assessment and Risk Management (Lewis course)	3	INSY 45000 Enterprise Security (Lewis course)	3
CPSC 30000 Computer Organization (Lewis course)	3	CPSC 35000 Operating Systems (Lewis course)	3
CPSC 33000 Database Systems (Lewis course)	3	CPSC 42200 Wireless Security (Lewis course)	3

CPSC 34000 Algorithms and Data Structures (Lewis course)	3	CPSC 42500 Encryption (Lewis course)	3
INSY 23000 Legal and Ethical Issue in Computing (Lewis course)	3	CPSC 42700 Programming for Penetration Testing (Lewis course)	3
INSY 46000 Cybercrime Prevention Tools (Lewis course)	3	CPSC 49300 Infrastructure Capstone (Lewis course)	3
<b>Total Hours</b>	<b>18</b>		<b>18</b>

**\*If not placed into MATH137, then MATH131 or MATH138 will required to take first.**