Appendix A – Transfer Guide/Program Articulation

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

First Semester	Hours	Second Semester	Hours
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
Total Hours	**16**		**18**

Third Semester	Hours	Fourth Semester	Hours
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
Total Hours	**16**		**16**

Lewis University (total credits = 42)

Fifth Semester	Hours	Sixth Semester	Hours
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
THEO 10000 Search for Faith	3	PHIL 103 Introduction to Ethics	3
		SOCI 29000 Diversity and Social Justice	3
Total Hours	**15**		**18**

Seventh Semester	Hours	Eighth Semester	Hours
INSY 35100 Security Assessment and Risk Management	*3*	*INSY 45000 Enterprise Security*	3
CPSC 30000 Computer Organization	*3*	*CPSC 35000 Operating Systems*	3
CPSC 33000 Database Systems	*3*	*CPSC 42200 Wireless Security*	3
CPSC 34000 Algorithms and Data Structures	*3*	*CPSC 42500 Encryption*	3
INSY 23000 Legal and Ethical Issue in Computing	*3*	*CPSC 49300 Infrastructure Capstone*	3

INSY 46000 Cybercrime Prevention Tools	3	*CPSC 42700 Programming for Penetration Testing*	3
Total Hours	**18**		**18**

* 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.