

## EXHIBIT A

## AAS Cybersecurity – Waubensee Community College (WCC)

## BS Cybersecurity – Lewis University (LU)

|                                                                                                                                                         |          |                             |
|---------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-----------------------------|
| <b>First Semester</b>                                                                                                                                   |          |                             |
| ENG 101 First-Year Composition 1                                                                                                                        | 3 (WCC)  | (LU – ENGL 11100)           |
| CIS 118 Information Technology Professional (8-wk course)                                                                                               | 3 (WCC)  |                             |
| CIS 119 Information Technology Professional II (8-wk course)                                                                                            | 3 (WCC)  |                             |
| CIS 122 Networking Essentials                                                                                                                           | 3 (WCC)  |                             |
| CIS 125 IT Code of Ethics and Compliance                                                                                                                | 3 (WCC)  | (LU – INSY 23000)           |
| Total                                                                                                                                                   | 15 hours |                             |
| <b>Second Semester</b>                                                                                                                                  |          |                             |
| ENG 102 First-Year Composition 2                                                                                                                        | 3 (WCC)  | (LU – ENGL 11200)           |
| Social and Behavioral Sciences Elective 1                                                                                                               | 3 (WCC)  | (LU- Social Science Gen Ed) |
| CIS 131 Security Awareness                                                                                                                              | 3 (WCC)  |                             |
| CIS 137 CISCO I                                                                                                                                         | 3 (WCC)  | (LU – CPSC 28100)           |
| CIS 180 Linux Operating System                                                                                                                          | 3 (WCC)  | (LU – CPSC 22000)           |
| Total                                                                                                                                                   | 15 hours |                             |
| <b>Third Semester</b>                                                                                                                                   |          |                             |
| COM 100 Fund of Speech Communication                                                                                                                    | 3 (WCC)  | (LU – COMM 11200)           |
| CIS 200 Cloud Technology                                                                                                                                | 3 (WCC)  | (LU – CPSC 35500)           |
| CIS 213 Cybersecurity Analyst                                                                                                                           | 3 (WCC)  | (LU – CPSC 32100)           |
| CIS 208 Penetration Testing                                                                                                                             | 3 (WCC)  |                             |
| CIS 237 Cisco II                                                                                                                                        | 3 (WCC)  | (LU – CPSC 28200)           |
| Total                                                                                                                                                   | 15 hours |                             |
| <b>Fourth Semester</b>                                                                                                                                  |          |                             |
| CIS 210 Ethical Hacking                                                                                                                                 | 3 (WCC)  |                             |
| CIS 206 Managing Network Environments                                                                                                                   | 3 (WCC)  |                             |
| CIS 214 Digital Forensics                                                                                                                               | 3 (WCC)  | (LU – CPSC 25000)           |
| CIS 267 CISCO III                                                                                                                                       | 3 (WCC)  | (LU – CPSC 48500)           |
| Mathematics elective                                                                                                                                    | 3 (WCC)  |                             |
| Total                                                                                                                                                   | 15 hours |                             |
| <b>If receiving Financial Aid, students must be awarded the AAS and change their major to the AS Computer Science before taking additional courses.</b> |          |                             |

|                                                      |                  |                                                                                 |
|------------------------------------------------------|------------------|---------------------------------------------------------------------------------|
| <b>Summer Semester</b>                               |                  |                                                                                 |
| Humanities and Fine Arts Elective 1                  | 3 (WCC)          | (LU – Humanities Gen Ed)                                                        |
| Social and Behavioral Sciences Elective 2            | 3 (WCC)          | (LU- Social Science Gen Ed)                                                     |
| Total                                                | 6 hours          |                                                                                 |
|                                                      |                  |                                                                                 |
| <b>Fifth Semester</b>                                |                  |                                                                                 |
| CIS 115 Introduction to Programming                  | 3 (WCC)          | (LU – CPSC 20000)                                                               |
| CIS 117 Discrete Structures                          | 3 (WCC)          | (LU- MATH 21000)                                                                |
| CIS 202 Database Management                          | 3 (WCC)          | (LU – CPSC 33000)                                                               |
| PHL 105 Introduction to Ethics (Hum/FA2)             | 3 (WCC)          | (LU – PHIL 21500)                                                               |
| Physical and Life Sciences Elective 1                | 4 (WCC)          | (LU – Science Gen Ed)                                                           |
| Total                                                | 16 hours         |                                                                                 |
|                                                      |                  |                                                                                 |
| <b>Sixth Semester</b>                                |                  |                                                                                 |
| CIS 150 Computer Science I - Java                    | 3 (WCC)          | (LU – CPSC 21000)                                                               |
| Humanities and Fine Arts Elective 3                  | 3 (WCC)          | (LU – Humanities Gen Ed)                                                        |
| Social and Behavioral Sciences Elective 3            | 3 (WCC)          | (LU- Social Science Gen Ed)                                                     |
| Physical and Life Sciences Elective 2                | 3 (WCC)          | (LU – Science Gen Ed)                                                           |
| CPSC 35000 Operating Systems                         | 3 (LU)           |                                                                                 |
| CPSC 42100 Advanced Cybersecurity                    | 3 (LU)           |                                                                                 |
| Total                                                | 18 hours         |                                                                                 |
|                                                      |                  |                                                                                 |
| <b>Seventh Semester</b>                              |                  |                                                                                 |
| CPSC 30000 Computer Organization                     | 3 (LU)           |                                                                                 |
| CPSC 34000 Algorithms and Data Structures            | 3 (LU)           |                                                                                 |
| INSY 35100 Security Assessment and Risk Management   | 3 (LU)           |                                                                                 |
| INSY 45000 Enterprise Security                       | 3 (LU)           |                                                                                 |
| INSY 46000 Cybercrime Prevention Tools               | 3 (LU)           |                                                                                 |
| THEO 10000 Search for Faith                          | 3 (LU)           |                                                                                 |
| Total                                                | 18 hours         |                                                                                 |
|                                                      |                  |                                                                                 |
| <b>Eighth Semester</b>                               |                  |                                                                                 |
| CPSC 42200 Wireless Security                         | 3 (LU)           |                                                                                 |
| CPSC 42500 Encryption                                | 3 (LU)           |                                                                                 |
| CPSC 42700 Programming for Pen Testing               | 3 (LU)           |                                                                                 |
| CPSC 49300 Infrastructure Capstone                   | 3 (LU)           |                                                                                 |
| INSY 35000 Cybersecurity Policy and Strategy         | 3 (LU)           |                                                                                 |
| Diversity and Social Justice OR Theology 20000-level | 3 (LU)           |                                                                                 |
| Total                                                | 18 hours         |                                                                                 |
|                                                      |                  |                                                                                 |
| Total for Program                                    | <b>136 hours</b> | <b>94 hours at Waubonsee Community College<br/>42 hours at Lewis University</b> |

Additional note for Waubensee: One course satisfying degree requirements must have a non-Western or diversity emphasis. This is not an additional credit hour requirement.