

Cybersecurity – Moorhead Campus  
Associate of Applied Science 60 Credits  
Fall 2024

Student:  
Advisor:

**Semester 1 Recommendations**

| Course   | Course Title                      | Prerequisite   | Completed/Notes |
|----------|-----------------------------------|----------------|-----------------|
| ENGL1101 | College Writing 1                 | Placement Test |                 |
| COMM1120 | Introduction to Public Speaking   | Placement Test |                 |
| CSCI1110 | Informatics                       | None           |                 |
| CPTR1040 | Introduction to Programming Logic | None           |                 |
| CPTR1122 | System Maintenance                | None           |                 |

**Semester 2 Recommendations**

| Course        | Course Title                                    | Prerequisite | Completed/Notes |
|---------------|---|--------------|-----------------|
| CPTR1001      | Intro to Programming and Scripting              | None         |                 |
| CPTR1108      | Cisco 1   | None         |                 |
| CSEC1110      | Fundamentals of Information Technology Security | None         |                 |
| CPTR2224      | Linux 1   | None         |                 |
| MnTC Elective |   |              |                 |

**Semester 3 Recommendations**

| Course        | Course Title                                       | Prerequisite             | Completed/Notes |
|---------------|--|--------------------------|-----------------|
| CPTR1118      | Cisco 2  | CPTR1108                 |                 |
| CSEC2204      | Managing Directory Services                        | CPTR1148 or 1040 or 1001 | Fall Only Class |
| CPTR2240      | Database Administration                            | CPTR1001 or 1040         |                 |
| HUM 2236      | Technology in the Humanities                       |                          |                 |
| Tech Elective | The list of approved technical electives is below. |                          |                 |

**Semester 4 Recommendations**

| Course        | Course Title                                       | Prerequisite | Completed/Notes   |
|---------------|--|--------------|-------------------|
| CSEC2210      | Security Breaches & Countermeasures                | CSEC1110     | Spring Only Class |
| CPTR2245      | Enterprise Network Technologies                    | CPTR1040     | Spring Only Class |
| CSEC2228      | Network Defense                                    | CSEC1110     | Spring Only Class |
| MnTC Elective |  |              |                   |
| Tech Elective | The list of approved technical electives is below. |              |                   |

Technical Elective list

CPTR2230 - Structured Query Language  
CPTR2234 - Linux II  
CPTR2260 - Advanced Structured Query Language  
CPTR2294 – Internship

CPTR2296 - Topics in Computers  
CSCI1121 - Computer Science I  
CSCI1122 - Computer Science II

Web Sites:

<http://www.minnesota.edu>  
<http://brazil.minnesota.edu>