

Cybersecurity Concentration Program Guide (C705)

This **BA** concentration consists of 12 credits apportioned as follows:

| Required Course | | Pre-Reqs | S.H. |
|-------------------------|------------------------------------|----------|----------|
| CS 01211 / MIS 02315 | Principles of Information Security | | 3 |
| Total | | | 3 |

| Electives – select at least 3 of the following courses: | | | |
|---|--|---|----------|
| Course Number | Course Name | Pre-Reqs | S.H. |
| CS 10200 | Fundamentals of Network Security | | 3 |
| CST 03201 | Security + | | 3 |
| CST 03215 | Penetration Testing Fundamentals | | 3 |
| CST 03218 | Ethical Hacking Fundamentals | | 3 |
| CST 03252 | Foundations of Computer Forensics | | 3 |
| CST 03253 | Applications for Digital Forensics | CST 03252 - Foundations of Computer Forensics | 3 |
| CST 03270 | Introduction to Intrusion Detection | | 3 |
| CST 03315 | Advanced Penetration Testing | CST 03215 - Penetration Testing Fundamentals | 3 |
| CST 03352 | Digital Incident Handling | | 3 |
| CST 03370 | IDS/IPS Administration | CST 03270 - Introduction to Intrusion Detection | 3 |
| CST 03372 | Knowledge Management of IDS/IPS | CST 03270 - Introduction to Intrusion Detection | 3 |
| CST 03410 | Cyber Defense | | 3 |
| CST 03418 | Advanced Topics in Ethical Hacking | CST 03218 - Ethical Hacking Fundamentals | 3 |
| CST 03452 | Advanced Digital Forensics Investigation | CST 03253 - Applications for Digital Forensics | 3 |
| CST 03472 | IDS/IPS for Cloud | CST 03270 - Introduction to Intrusion Detection | 3 |
| Total | | | 9 |

There may be optional pathways to complete this concentration. Consult your advisor.