

# Certificate in Cyber Security

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The Certificate in Cyber Security is an stand-alone online certificate program withing the College of Engineering's Department of Engineering and Information Technology. Students will have the flexibility to focus on the technical aspects of computer, software, network, and information security at different levels. They will achieve a foundation in information security, such as, securing and defending networks, recovering from security failures, use cases of computer forensics, and overall data security management. This certificate can be achieved independently, or as supplemental to a bachelors degree. Similarly, this can be achieved by students who are enrolled in-seat, or in the online program.

## Requirements

A minimum GPA of 2.5 is required for admission. Prior background in information security is not required.

| <b>Core Courses</b>     |   | <b>12</b> |
|-------------------------|---|-----------|
| INFOTC 1040             | Introduction to Problem Solving and Programming | 3         |
| INFOTC 2810             | Fundamentals of Network Technology              | 3         |
| INFOTC 2910             | Cyber Security                                  | 3         |
| INFOTC 3910             | Advanced Cyber Security                         | 3         |
| <b>Elective Courses</b> |   | <b>3</b>  |
| INFOTC 3530             | UNIX Operating System                           | 3         |
| INFOTC 3810             | Computer Network Security                       | 3         |
| INFOTC 3850             | Computer System Administration                  | 3         |
| INFOTC 4910             | Digital Forensics                               | 3         |