

PATHWAY

**Computer and Network Security Apprenticeship
Certificate of Completion
35 credit hours**

Semester I

- CS 123/L – Programming Fundamentals/Lab (4)
- IS 101 – IT Essentials I: PC Hardware, Software, and Practical Applications (4)
- IS 121 – IT Essentials II: Network Operating Systems (3)
- IS 131 – Computer & Security Fundamentals (3)
- IS 257 – Ethical Hacking, Computer and Network Defense and Counter Measures (3)

Semester II

- IS 297 – Cyber Security Technician Apprenticeship (18)