The Security Systems Technology program was developed in cooperation with the Security Industry Association (SIA). The degree prepares students for jobs that support the selling, installation and management, and technical support of physical security systems technologies in an IP-based networked environment.

PROGRAM OUTCOMES

• Understand, configure, and install physical security hardware and software, cameras and optics, access control systems, video management systems (VMS), as well as fire and burglary systems, and perform control station monitoring;
• Understand, describe, and implement physical security practices and procedures;
• Understand, describe, and implement computer network protocols and standards;
• Sit for the Cisco Certified Network Associate (CCNA) and CompTIA Security+ exams;
• Use printed and online technical documentation;
• Work effectively as individuals and in work groups to install and implement physical security systems technologies;
• Demonstrate written and oral communication skills.

Students excelling in the program may be eligible to participate in internship opportunities which periodically become available in the physical security product manufacturers, system distributors, and systems integrators sectors. A capstone experience during the last semester allows students to participate in the design and implementation of a real-world security solution.

Admission to the program requires a high school diploma or its equivalent, one year of high school algebra, and competency in English composition, reading, and mathematics as determined by placement testing. Students who are required to complete foundations courses should plan their curriculum with a faculty advisor.

Program applicants must demonstrate an understanding of how to configure, install, diagnose, and troubleshoot microcomputer hardware components and operating systems software, or should enroll in NET 102 (Introduction to PC Hardware and Software) during their first semester.

NOTE: All program listings are subject to periodic updates. Please consult your program advisor, academic division, or www.mccc.edu/programs_degree