CYBER-FORENSIC

Associate in Science Degree
Career/Technical (Major Code: 02707)

Designed to provide students with the knowledge and tools to understand how to secure networks, operating systems, and programs function. Emphasis is placed on developing the theoretical and practical skills needed to maintain security on mission-critical data and systems. Designed to meet the training needs of government and industry employees. Covers a variety of information forensic/security disciplines which include both information technology forensic/security training to support and design systems that are safe from cyber-attacks. Prepares students for industry certifications employing work-based learning through participation in internships and externships during the program.

Gainful Employment

The U.S. Department of Education requires colleges to disclose a variety of information for any financial aid eligible program that "prepares students for gainful employment in a recognized occupation."

Students who complete this program will have acquired the necessary analytical tools to successfully secure gainful employment in the field of study.

For more information regarding the data provided for this program and what it means to you as a student, please feel free to visit our SWC Gainful Employment website at: www.swccd.edu/gainfulemployment (http://www.swccd.edu/gainfulemployment/).

Code	Title	Units
Program Requirements		
CIS 160	DIGITAL INFORMATION SYSTEMS, THE INDIVIDUAL AND SOCIETY	3
CIS 178	INTRODUCTION TO CYBERSECURITY	3
AJ 166	PRINCIPLES OF INVESTIGATION	4
AJ 156	LEGAL ASPECTS OF EVIDENCE	3
CIS 169	CYBERSECURITY ANALYSIS	3
CIS 177	INTRODUCTION TO INFORMATION SYSTEMS SECURITY	3
CIS 179	COMPUTER FORENSICS FUNDAMENTALS	3
CIS 182	PYTHON PROGRAMMING FOR SECURITY ANALYSIS AND PENETRATION TESTING	3
AJ 288	FORENSIC COMPUTER INVESTIGATION	3
CIS 290	WORK EXPERIENCE CIS APPLICATIONS I	2-4
Total Units		**30-32**

To earn an associate degree, additional general education and graduation requirements (http://catalog.swccd.edu/certificates-certifications-degrees-csuuc-requirements/) must be completed.