

# CYBER AND HOMELAND SECURITY, AS

Program code: CYHM-AS

Location: Naugatuck Valley, Tunxis

## Degree Requirements

Code	Title	Credits
<b>General Education Core</b>		
ENG 1010	Composition	3
MATH 1000 or higher		3-4
Elective ARHX - Arts & Humanities Course		3-4
Elective SCRX - Scientific Reasoning Course or Elective SCKX - Scientific Knowledge Course		3-4
Elective SBSX - Social / Behavioral Science Course or Elective HISX - Historical Knowledge Course		3
Elective ORAX - Oral Communication Course or Elective WRIX - Written Communication II Course		3
CCS 1001	College and Career Success	3
<b>Program Courses</b>		
CIS 1001 or CIS 1141	Introduction to Computers Introduction to Management Information Systems	3
CJS 1010	Introduction to Criminal Justice	3
CST 1221	Networking I	4
CYS 2111	Network Security	3
Choose one of the following:		3
CJS 2240	Computer Crimes	
CJS 2350	Information Warfare and Security	
CJS 2340	Computer Security and Data Protection	
CIS 1143	Project Management	3
CIS 1104	Introduction to Operating Systems	3
<b>Designated Electives</b>		
Choose enough courses from list to meet minimum total credit count of 60		17-19
CIS 2144	Systems Analysis and Design	
CJS 2110	Criminal Law I	
CJS 2220	Computer Investigation Techniques	
CJS 2240	Computer Crimes	
CJS 2340	Computer Security and Data Protection	
CJS 2350	Information Warfare and Security	
CST 1141	Linux System Administration	
CST 2222	Networking II	
CST 2223	Networking III	
CST 2161	Virtualization and Cloud Computing	
CYS 1101	Practices in Security Management	
CYS 2131	Computer Forensics and Network Intrusions	
CYS 2151	Ethical Hacking and Pen Testing I	
CYS 2152	Ethical Hacking and Pen Testing II	

CST 2124	Voice over IP Networking	
Elective CPL - Computer Programming Language Course		
CIS 1211 or CSC 2235	Database Design I Introduction to Database Design	
<b>Total Credits</b>		<b>60-65</b>