



CTI-CYBER SECURITY

Required Courses

(71 credit hours)

The following suggested schedule is based on full-time enrollment. Students may also complete the program through part-time enrollment.

For information about prerequisites and corequisites, please refer to the catalog.

Suggested Full-Time Schedule

First Semester (Fall – Year 1)

16 Credit Hours

Course	Credit Hours	Title	Notes
ACA 111	1	College Student Success	
CIS 110	3	Intro to Computers	
CTI 110	3	Web, Programing & DB Foundation	
CTI 120	3	Network & Security Foundation	
ENG 111	3	Writing & Inquiry	
NOS 110	3	Operating System Concepts	
Total: 16			

Second Semester (Spring – Year 1)

15 Credit Hours

Course	Credit Hours	Title	Notes
CTS 120	3	Hardware/Software Support	
DBA 120	3	Database Programming	
NET 125	3	Networking Basics	
NOS 130	3	Windows Single User	
SEC 110	3	Security Concepts	
Total: 15			



Third Semester (Summer – Year 1)

9 Credit Hours

Course	Credit Hours	Title	Notes
MAT 143 or MAT 152 or MAT 171	3	Quantitative Literacy, or Statistical Methods I, or Precalculus Algebra	
ENG 114	3	Professional Research & Reporting	
____-____	3	Humanities/Fine Arts Elective	
Total: 9			

Fourth Semester (Fall – Year 2)

15 Credit Hours

Course	Credit Hours	Title	Notes
CTS 115	3	Info Sys Business Concepts	
NOS 120	3	Linux Single User	
NOS 230	3	Windows Administration I	
SEC 150	3	Secure Communications	
SEC 160	3	Secure Administration I	
Total: 15			

Fifth Semester (Spring – Year 2)

16 Credit Hours

Course	Credit Hours	Title	Notes
ECO 251	3	Principles of Microeconomics	
NOS 220	3	Linux Administration I	
CTI 289	3	CTI Capstone Project	
____-____	4	CTI Major Elective	
SEC 260	3	Secure Administration II	
Total: 16			



Electives

Students must select a total of 4 credits from the following options.

4 Credit Hours

Course	Credit Hours	Title	Notes
BAS 120	3	Business Analytics I	
BUS 135	3	Principles of Supervision	
BUS 137	3	Principles of Management	
BUS 139	3	Entrepreneurship I	
BUS 234	3	Training and Development	
CIS 115	3	Intro to Programming and Logic	
CSC 139	3	Visual BASIC Programming	
CSC 239	3	Adv Visual BASIC Programming	
CTS 130	3	Spreadsheet	
CTS 155	3	Tech Support Functions	
CTS 240	3	Project Management	
CTS 287	3	Emerging Technologies	
DBA 210	3	Database Administration	
DBA 221	3	SQL Server DB Programming II	
MED 121	3	Medical Terminology I	
NET 126	3	Routing Basics	
NET 260	3	Internet Dev and Support	
OST 149	3	Medical Legal Issues	
WBL 111	1	Work-Based Learning I	
WEB151	3	Mobile Application Development I	

2014-2015

CTI-Cyber Security

Associate in Applied Science Degree

Curriculum code A25500E

Course Requirements



Part-Time Students

Begin with CTI 110 and CTI 120. Continue with sequence of required courses. General education courses may be taken at any time.

Graduation Requirements

Minimum cumulative grade point average of 2.0; successful completion of all course requirements and the minimum number of credit hours for the specific degree; minimum of 18 semester hours completed at Craven Community College; submission of graduation application to the Cashiers Office by published deadlines. (See [college catalog](#) for details.)

For More Information

The First Stop

Student Center Room 100

(252) 638-7205

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Chair for Business, Technology and Education Programs

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