

Cybersecurity and Healthcare IT

Become a Cybersecurity technology professional and apply your knowledge to any business including Healthcare.

Are you passionate about technology?

The Career

The Cybersecurity and Healthcare IT Program meets the need for businesses and healthcare providers to be confident that every aspect of their operation is electronically secure. Many of the functions of healthcare, including: scheduling, storage of images, filling prescriptions, billing and more, are handled and stored using cybersecurity skills. The need to build electronic and data transfer systems to support these functions and to protect the information has dramatically increased, and applies to most businesses.

The Program

Cybersecurity is the practice of protecting computer systems against unauthorized access or attack and maintaining the smooth functioning of information systems at all levels. At present, programs that provide such Cybersecurity training are not widely available, and the concentration on healthcare is a unique aspect of this program. The workforce responsible for electronic information must be skilled in assuring confidentiality, integrity and availability of IT systems and networks. This program integrates the technology with the needs of healthcare, but applies to most other businesses as well.

For more information, please contact:

(Bob) Robert S. Morris, M.S.
Digital Forensic Science
RVCC Computer Technology
Program Director
603.542.7744 x5507
rmorris@ccsnh.edu

RIVER VALLEY
Community College

www.rivervalley.edu

Job Opportunities


Graduates of the Cybersecurity and Healthcare IT Program can work in a variety of settings including but not limited to:

Government
Private Practice
Rehabilitation Centers

Hospitals
Contracted Services

The Cybersecurity and Healthcare IT Degree & Certificate Programs include courses offered in Lebanon, Claremont, Keene, and Online

Career Outlook

	US	NH	VT
Annual Salary	\$63,460	\$66,560	\$49,850
Average Hourly	\$30.51	\$32.00	\$23.97
Job Growth	6%	7%	6%
Projected Growth			

Career data sources in 2020 from www.bls.gov
Salaries reflect median wages

Cybersecurity and Healthcare IT Associate in Science Degree Requirements

First Year Fall Semester		CL	LAB	CR
CSCI101R	Computer Architecture and Operating Systems	2	2	3
CYBS101R	<i>Principles of Information Assurance*</i>	2	2	3
CSCI110R	Introduction to Networks*	2	2	3
CSCI186R	Introduction to Operating Systems	2	2	3
MATH110R	Functions & Modeling I*	4	0	4
First Year Spring Semester		CL	LAB	CR
CYBS120R	<i>Network Security*</i>	2	2	3
CYBS130R	<i>Enterprise Security Management</i>	2	2	3
CYBS140R	<i>Secure Electronic Commerce</i>	2	2	3
CSCI175R	Introduction to C++	3	2	4
ENGL102R	College Composition*	3	0	3-4
Second Year Fall Semester		CL	LAB	CR
CYBS110R	<i>Topics in Healthcare Information Technology</i>	2	2	3
CSCI203R	Introduction to Linux*	2	2	3
CYBS250R	<i>Digital Forensics*</i>	2	2	3
MATH106R	Statistics I*	4	0	3-4
XXXXxxxR	Humanities, Fine Arts, World Language, Math, Science, Social Science Elective	3	0	3-4
Second Year Spring Semester		CL	LAB	CR
CYBS200R	EMRS/IACAP Process*	2	2	3
CSCI296R	Technology Capstone*	3-0	0-4	3
XXXXxxxR	Social Science Elective*	3	0	3
XXXXxxxR	Science Elective*	3	1	3-4
XXXXxxxR	Humanities/Fine Arts/World Language Elective*	3	0	3

*Pre-/Co-requisites required. See Course Descriptions. Program of study is subject to change.

Admission Requirements: Request transcripts from high school and/or college be directly sent to RVCC.

There are 6 courses in the stackable Cybersecurity and Healthcare IT Certificate Program

Important information about the educational debt, earnings, and completion rates of students who attended this program is available on our website: www.rivervalley.edu.



1 College Place, Claremont, NH 03743
 88 Winchester Street, Keene, NH 03431
 15 Hanover Street, Lebanon, NH 03766