



COMPUTER INFORMATION SYSTEMS

A degree in Computer Information Systems provides students with the opportunity to be well rounded in technology and its effect on business and users. Students will get core foundations in many different areas of the computer industry and will learn programming, networking, databases, web design, hardware, software, communication and business skills to prepare them for a position succeeding in any of those areas. This degree will set students up to transfer to many different schools in New Hampshire and New England, as well as the rest of the country and world should they choose. This degree provides students with flexibility to work in many capacities within IT for not just IT companies, but also for any business that has an IT department or need. Students will look to gain employment as Computer Support Specialists, Network and Systems Administrators, Web or Programming Developers, and Information Systems Managers.

Several stackable certificates are available during the course of the program, including PC Applications Specialist, CIS Tech Certificate, Microsoft Credentials, and a Programmer Certificate.

Potential Jobs/Careers:

- Computer Systems Analyst
- Software Application Developer
- Computer User Support
- Computer Security Systems Analyst
- Web Developer
- Network Systems Administrator
- Software Quality Assurance Engineer

Potential Salary:

There is a wide range of jobs in the computer industry. See below for the average annual salary range in NH for a Computer Systems Analyst.

- Entry Level **\$70,616**
- Mid-Range **\$110,385**
- Experienced **\$130,291**

**New Hampshire Occupational Employment & Wages 2022, published by the NH Economic and Labor Market Information Bureau – Salaries are based on 40 hours of work, not including overtime.*

Estimated Program Cost:

- Year 1: \$8,097**
- Year 2: \$8,082**
- for a total of **\$16,179**

**Costs are based on in-state tuition and do not include fees, supplies, or*

Did you know?

“As a full time worker, the computer department was willing to work with me and helped me out when I needed it the most. After going to my previous college, I can tell these professors cared for what they do and they care for the student, they are amazing.”

— Samuel Ferranti, Class of 2021
A.S. Computer Technologies



APPLY HERE

R-7-24-23

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Degree Requirements

FIRST YEAR Fall Semester		Credits
CIS133L	Introduction to Information Technology	3
CIS136L	Fundamentals of Information Technology	3
CIS141L	Information Systems	3
INDL100L	College Essentials	1
ENG100L	English Composition	4
TOTAL		14

FIRST YEAR Spring Semester		Credits
CIS140L	Introduction to Programming	4
CIS210L	Operating Systems	3
CIS261L	Installing and Configuring Windows Servers	3
	or	
CIS262L	Introduction to Linux	3
CIS252L	Managing & Troubleshooting PCs	3
ELECTIVE	Mathematics Elective	3
BUS130L	Introduction to Business	3
TOTAL		19

SECOND YEAR Fall Semester		Credits
CIS248L	Introduction to Networks	3
CIS215L	Intermediate Programming	4
CIS271L	Analyzing Software Requirements	3
ELECTIVE	Humanities Elective	3
ELECTIVE	Social Science Elective	3
TOTAL		16

SECOND YEAR Spring Semester		Credits
CIS242L	Database Management Systems	3
CIS261L	Installing & Configuring Windows Servers	3
	or	
CIS267L	Administering Windows Servers	3
	or	
CIS262L	Introduction to Linux	3
CIS234L	Website Design & Development	3
ELECTIVE	Science Elective	3
ELECTIVE	CIS Elective	3
TOTAL		15

Certificate Requirements

PC Applications Certificate		Credits
CIS133L	Introduction to Information Technology	3
CIS136L	Fundamentals of Information Technology	3
CIS141L	Information Systems	3
CIS235L	Spreadsheets	3
BUS130L	Introduction to Business	3
INDL100L	College Essentials	1
TOTAL		16

CIS Technologist Certificate		Credits
CIS133L	Introduction to Information Technology	3
CIS136L	Fundamentals of Information Technology	3
CIS141L	Information Systems	3
CIS248L	Introduction to Networks	3
CIS210L	Operating Systems	3
	or	
CIS262L	Introduction to Linux	3
CIS252L	Managing & Troubleshooting PCs	3
CIS261L	Installing & Configuring Windows Servers	3
INDL100L	College Essentials	1
TOTAL		22

Programming Certificate		Credits
CIS136L	Fundamentals of Information Technology	3
ESNT120L	College Essentials	1
CIS140L	Introduction to Programming	4
CIS215L	Intermediate Programming	4
CIS216L	Advanced Programming	4
CIS234L	Website Design & Development	3
CIS292L	Mobile Applications Development	4
TOTAL		23

Degree = 61

The Community College System of NH does not discriminate in the administration of its admissions and educational programs, activities, or employment practices on the basis of race, creed, color, religion, ancestry or national origin, age, sex, sexual orientation, gender identity and expression, physical or mental disability, genetic information, or law enforcement, military, veteran, or marital status.

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