LAKES REGION COMMUNITY COLLEGE

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 would have 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 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 $68,182**
– **Mid-Range $91,000**
– **Experienced $102,440**

New Hampshire Occupational Employment & Wages 2021, 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: $7,650
Year 2: $7,650
for a total of $15,300

Costs are based on in-state tuition and do not include fees, supplies, or books. Additional fees may apply; all prices are subject to change.

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

R-2-6-23

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Degree Requirements

FIRST YEAR Fall Semester

Course	Title	Credits
CIS133L	Introduction to Information Technology	3
CIS136L	Fundamentals of Information Technology	3
CIS141L	Information Systems	3
ESNT120L	College Essentials	1
ENG100L	English Composition	4
	TOTAL	14

FIRST YEAR Spring Semester

Course	Title	Credits
CIS140L	Introduction to Programming	4
CIS210L	Operating Systems	3
CIS261L	Installing and Configuring Windows Servers or	3
CIS262L	Introduction to Linux	3
CIS252L	Managing & Troubleshooting PCs	3
ELECTIVE	Mathematics Elective	3
BUS130L	Introduction to Business	3
	TOTAL	16

SECOND YEAR Fall Semester

Course	Title	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

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

Degree = 61

Certificate Requirements

PC Applications Certificate

Course	Title	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
ESNT120L	College Essentials	1
	TOTAL	16

CIS Technologist Certificate

Course	Title	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 or	3
CIS262L	Introduction to Linux	3
CIS252L	Managing & Troubleshooting PCs	3
CIS261L	Installing & Configuring Windows Servers	3
ESNT120L	College Essentials	1
	TOTAL	22

Programming Certificate

Course	Title	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

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