

Computer Support Technician: Health Care Informatics Option

Holland code family: Organizers

About the Program

The Computer Support Technician: Health Care Informatics Option is designed to prepare students for employment in computer support positions within an organization or as health care informatics specialists within medical organizations. This program is designed to provide skills in computer hardware and software to meet the needs of an increasingly technical society. Students also gain knowledge and skills necessary for working in the medical industry.

Entry Requirements

Students are required to complete the Placement Process to determine skill level and readiness in math, reading, and writing. As part of their training program, students must begin with the courses within their skill level as determined by the results of their placement assessment. In addition, students may also be required to enroll in classes that would increase their employability and success.

Advanced Standing

Coursework from accredited universities will be accepted in accordance with college policies and the Computer Science Department chair's approval. In order to ensure that coursework is current, program courses over five years old must be reviewed and approved by the appropriate department chair before being accepted toward core requirements. Each College Now credit student must meet with the department chair to determine placement.

Credits earned in the successful completion of this program can be applied to other certificates and degrees in the Career Pathway. For more information, speak to a program advisor and review the roadmap at www.roguecc.edu/Programs/CareerPathways.

Graduation Requirements

Students completing the required credits in this program with a grade of "C" or better will receive their degrees. Certain prerequisite and required courses are graded on a pass/no pass basis only. A grade of "P" for these courses indicates a student earned the equivalent of a "C" or better grade.

What skills will you learn?

Visit <http://go.roguecc.edu/department/program-learning-outcomes>.

What are the employment opportunities?

Visit <http://www.roguecc.edu/GainfulEmployment>.

Prerequisites

Course No.	Course Title	Credits
CS120	Concepts in Computing I or documented computer proficiency	0-4
MTH63	Applied Algebra I or MTH60 Fundamentals of Algebra I or designated placement test score	4
WR115	Introduction to Expository Writing or designated placement test score	0-3

Total Prerequisite Credits 0-11

General Education Requirements

Course No.	Course Title	Credits
COMM225	Small Group Communication and Problem Solving	4
HE250	Personal Health or HE252 First Aid/CPR or HPE295 Health and Fitness for Life HE112 Emergency First Aid or HE261 CPR/Basic Life Support Provider	1-3
LIB127	Introduction to Academic Research	1
MTH96	Applied Algebra II or MTH65 Fundamentals of Algebra II or higher level math	4
PSY101	Psychology of Human Relations	3
SP111	Fundamentals of Public Speaking or SP218 Interpersonal Communication	4
WR121	English Composition I	4
WR227	Technical Writing or WR122 English Composition II	4

Total General Education Credits 25-27



Required Core Courses

Course No.	Course Title	Credits
AH100	Medical Terminology: Introduction	3
AH110	Medical Terminology: Clinical	3
BA101	Introduction to Business	4
BI100SB	Biology of Human Body Systems I	3
BT178	Customer Service	3
CS125DB	Data Base Management Systems	3
CS125PPT	Effective Presentations	2
CS125SS	Spreadsheet Applications (Excel)	4
CS133	Any CS133 programming language course	4
CS140	Introduction to Operating Systems	4
CS179	Introduction to Networks	4
CS225	Computer End-user Support I	4
CS227	PC Hardware Fundamentals and Repair	5
CS280	Cooperative Work Experience/Computer Science	3
HCI120	Introduction to Health Care Industry	3
HCI210	Legal Aspects of Medical Records	3
HCI255	Introduction to Health Care Informatics	3
—	Approved program electives	7-8

Total Required Core Credits 65-66

TOTAL PROGRAM CREDITS 90-93

Approved Program Electives

(7-8 credits required)

Course No.	Course Title	Credits
BA109	Ready, Set, Work: Techniques for Landing a Job	2
CS125V	Visio	1
CS125WW	Word Processing Applications (Word)	3
CS133	Any CS133 programming language course(s) not taken as part of required core	variable
CS160	Introduction to Computer Science	4
CS161	Computer Science I	4
CS162	Computer Science II	4
CS233U	Advanced C++ Programming	4
CS240	Advanced Operating Systems	4
CS275	Database Development I	4
CS279	Network Operating Systems I (Infrastructure)	4
CS284	Network Security Fundamentals	4
CS280	Cooperative Work Experience/Computer Science	variable
EET__	Any electronics course(s)	variable

MTH	Any math course(s) MTH105 or higher	variable
SOC237	Communication, Relationships and Technology	4

¹ BI121 and BI122 Elementary Anatomy and Physiology I and II with lab (two term sequence) or BI231, BI232, and BI233 Human Anatomy and Physiology I, II, III with lab (three term sequence) may be substituted.

For more information contact the Computer Science Department:

Grants Pass	541-245-7213
Medford	541-245-7527
Toll free in Oregon	800-411-6508, Ext. 7213 or 7527
email	cs@rogucecc.edu
Web address	www.rogucecc.edu/cs
TTY	Oregon Telecom Relay Service, 711

This advising guide is for advising purposes only. Please see current college catalog for additional information on specific college policies and graduation requirements.

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