

Computer Support Technician: Health Care Informatics Option

Holland code family: Organizers

Associate of Applied Science Degree

www.roguecc.edu/Counseling/HollandCodes/test

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.

The curriculum in RCC courses is derived from a set of identified learning outcomes that are relevant to the discipline. For a list of learning outcomes for this discipline or program, see www.roguecc.edu/Programs/LearningOutcomes.

Entry Requirements

Students are required to take a placement test 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 levels as determined by placement test scores. 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/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
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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
BI121	Elementary Anatomy and Physiology I with lab ¹	4
BI122	Elementary Anatomy and Physiology II with lab ¹	4
BT178	Customer Service	3
CS125DB	Data Base Management Systems	3
CS125PPT	Effective Presentations	2
CS125SS	Spreadsheet Applications	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	3-5

Total Required Core Credits **66-68**

TOTAL PROGRAM CREDITS **91-95**

Approved Program Electives (3-5 credits required)

Course No.	Course Title	Credits
BA109	Ready, Set, Work: Techniques for Landing a Job	2
CG155	Exploring Careers in Health Care	3
CHEM104	Introductory Chemistry I w/lab and recitation	5
CS125V	Visio	1
CS125WW	Word Processing Applications	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

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CS227N	Network Hardware Fundamentals	4
CS233U	Advanced C++ Programming	4
CS240	Advanced Operating Systems	4
CS240L	Advanced Operating Systems – Linux	4
CS275	Database Development I	4
CS279	Network Operating Systems I (Infrastructure)	4
CS288	Network Operating Systems II (Active Directory)	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 BI231, BI232, and BI233 Human Anatomy and Physiology I, II, III with lab (the entire 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
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Web address www.rogucecc.edu/computerscience
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.

RCC is an open institution and does not discriminate. For RCC's non-discrimination policy and a full list of regulatory specific contact persons visit the following webpage: www.rogucecc.edu/nondiscrimination.

