Computer Support Technician: Health Care Informatics Option

Associate of Applied Science Degree

Major Code: 510709A

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 level 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/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 a “C” or better grade.

Prerequisites

Course No. | Course Title Credits
--- | --- | ---
CS120 | Concepts in Computing I or documented computer proficiency 0-4
MTH60 | Fundamentals of Algebra I or designated placement test score as shown on current indicator chart 0-4
WR115 | Introduction to Expository Writing or designated placement test score as shown on current indicator chart 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 4
HE252 | First Aid/CPR 1-3
HE295 | Health and Fitness for Life 4
HE112 | Emergency First Aid or HE261 CPR 4
LIB127 | Introduction to Library Research Methods 1
MTH665 | Fundamentals of Algebra II or higher level math 4
PS101 | Psychology of Human Relations 3
SP111 | Fundamentals of Public Speaking or SP218 Interpersonal Communication 4
WR121 | English Composition I 4
WR122 | English Composition II or WR227 Technical Writing 4

Total General Education Credits 25-27

Required Core Courses

Course No. | Course Title Credits
--- | --- | ---
B1121 | Elementary Anatomy and Physiology I w/lab or B1231 Human Anatomy and Physiology I w/lab 4
B1122 | Elementary Anatomy and Physiology II w/lab or B1232 Human Anatomy and Physiology II w/lab 4
CS125d | Data Base Management Systems 3
CS125pp | Effective Presentations 2
CS125s | Database Report Generation (Crystal Reports) 3
CS125tw | Spreadsheet Applications 3
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
ED131 | Applied Learning Theory 3
HC120 | Introduction to Health Care Industry 3
HC1210 | Legal Aspects of Medical Records 3
HC1255 | Introduction to Health Care Informatics 3
MO100 | Medical Terminology Introduction 3

Total Required Core Credits 68

TOTAL PROGRAM CREDITS 93-95

Approved Program Electives

(10 credits required)

Course No. | Course Title Credits
--- | --- | ---
BT204 | Project Management 4
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 4
CS161 | Computer Science I 4
CS162 | Computer Science II 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 4
CS280 | Cooperative Work Experience/Computer Science variable
EET101 | Introduction to Electronics or EET115 Applied Electronics Fundamentals 3-5
EET112 | Introduction to Mechatronics 5
EET130 | Digital Fundamentals I 5
EET131 | Digital Fundamentals II 5
EET280 | Cooperative Work Experience/Electronics variable
MTH95 | Intermediate Algebra or higher level math 4-5
MTH95R | Intermediate Algebra Recitation 1
MTH111 | College Algebra 4
MTH111R | College Algebra recitation 1
MTH243 | Probability and Statistics w/lab 4
SOC237 | Computer-mediated Communication 4

(over)
For more information contact the Computer Science Department:

Grants Pass .................................................. 541-956-7213
Medford .................................................. 541-245-7527
Toll free in Oregon .............................. 800-411-6508, Ext. 7213 or Ext. 7527
email .................................................. cdileva@roguecc.edu or bfrederickson@roguecc.edu
Web address .................................................. learn.roguecc.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.

In compliance with state and federal laws, Rogue Community College does not discriminate on the basis of race, religion, color, national origin, age, sex, veterans’ status, sexual orientation, marital status or disability in employment, or in any of its educational programs or in the provision of benefits and services to students.