

Computer Support Technician

Associate of Applied Science Degree

2009-10 Academic Year

Computer Support Option Major Code: 151204

Health Care Informatics Option Major Code: 510709A

About the Program

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

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 head'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 head before being accepted toward core requirements. Students in the "2+2" Early College Credit program must meet with the department head to determine placement.

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. Note: Effective summer term 2009, many general education courses went from three to four credits. The three-credit version of any art, writing, speech, humanities, or social science course will meet the same degree requirements as the new four-credit version. Students must still complete all required courses in this degree and at least 90 applicable credits to receive an associate degree.

Prerequisites

Course No.	Course Title	Credits
BT120	Computer Typing (or typing speed of 25 wam) ¹	2
CS120	Concepts in Computing I (or documented computer proficiency)	4
MTH60	Fundamentals of Algebra I (or designated placement test score as shown on current indicator chart)	4
WR115	Introduction to Expository Writing (or designated placement test score as shown on current indicator chart)	3

General Education Requirements

Course No.	Course Title	Credits
BT101	Human Relations in Organizations or	
PSY101	Psychology of Human Relations	3
HE250	Personal Health or	
HE252	First Aid/CPR or	
HPE295	Health and Fitness for Life	3
LIB127	Introduction to Library Research Methods	1
MTH65	Fundamentals of Algebra II or higher level math	4
SP111	Fundamentals of Public Speaking	4
WR121	English Composition I	4
BA214	Business Communications or	
WR122	English Composition II	4
WR227	Technical Writing	4
TOTAL GENERAL EDUCATION CREDITS		27

Required Core Courses – Both Options

Course No.	Course Title	Credits
CS125db	Data Base Management Systems	3
CS125ppt	Effective Presentations	2
CS125ss	Spreadsheet Applications	3
CS140	Introduction to Operating Systems	4
CS179	Introduction to Networks	4
CS225	Computer End-user Support I	4
CS280	Cooperative Work Experience	12
ED131	Applied Learning Theory	3
—	Approved Program Electives	7
		42

Required Core Courses – Computer Support Option

Course No.	Course Title	Credits
CS125ww	Word Processing Applications	3
CS178i	Introduction to the Internet/World Wide Web	2
CS227	PC Hardware Fundamentals and Repair	5
CS240	Advanced Operating Systems	4
CS279	Network Operating Systems	4
—	Approved Program Electives	6-7
		24-25

Required Core Courses – Health Care Informatics Option

Course No.	Course Title	Credits
BI121	Elementary Anatomy and Physiology I w/lab	4
BI122	Elementary Anatomy and Physiology II w/lab	4
CHEM104	Introductory Chemistry I w/lab and Recitation	5
CS125r	Database Report Generation (Crystal Reports)	3
HCI120	Introduction to Health Care Industry	3
HCI210	Legal Aspects of Medical Records	3
MO100	Medical Terminology: Introduction	3
		25

TOTAL REQUIRED CORE CREDITS

66-67

TOTAL PROGRAM CREDITS

93-94

Approved Program Electives – Computer Support Option (13-14 credits required)

Course No.	Course Title	Credits
BT204	Project Management	3
CS125dw	Dreamweaver I	3
CS125r	Database Report Generation (Crystal Reports)	3
CS125v	Visio	1
CS133b	Visual Basic I	4
CS133js	JavaScript I	4
CS135dw	Dreamweaver II	3
CS161	Computer Science I	4
CS162	Computer Science II	4
CS195	Web Authoring I	4
CS233b	Visual Basic II	4
CS240L	Advanced Operating Systems - Linux	4
MTH95	Intermediate Algebra	4
MTH111	College Algebra	4

Approved Program Electives – Health Care Informatics Option (7 credits required)

Course No.	Course Title	Credits
BT204	Project Management	3
CG155	Exploring Careers in Health Care	3
CS125v	Visio	1
CS125ww	Word Processing Applications	3
CS133b	Visual Basic I	4
CS178i	Introduction to the Internet/World Wide Web	2
CS227	PC Hardware Fundamentals and Repair	5
CS279	Network Operating Systems	4
CS161	Computer Science I	4
CS162	Computer Science II	4
CS233b	Visual Basic II	4
CS240	Advanced Operating Systems	4
CS240L	Advanced Operating Systems - Linux	4
MTH95	Intermediate Algebra	4
MTH111	College Algebra	4

¹ Prerequisite applies to Computer Support Option only.

For more information contact the Computer Science Department:

Grants Pass (541) 956-7311
 Medford (541) 245-7527
 Toll free in Oregon (800) 411-6508, Ext. 7311 or Ext. 7527
 e-mail cdileva@rogucecc.edu or bfrederickson@rogucecc.edu
 TTY (541) 956-7338 or (541) 245-7587

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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