Computer Science

Holland code family: Thinkers

Associate of Science Oregon Transfer Degree

www.roguecc.edu/Counseling/HollandCodes/test

About the Program

The statewide Associate of Science Oregon Transfer degree in Computer Science is designed for students transferring to baccalaureate degree programs in computer science or software engineering. Those completing the ASOT–Computer Science degree are assured junior level standing for registration purposes and will have met the lower division general education requirements of any institution in the Oregon public university. Students should be aware that if they transfer before completing this degree, courses will be evaluated individually toward the general education requirements of the college of their choice. Students should use the ASOT Computer Science university-specific degree requirements guide for specific transfer requirements for individual schools.

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 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 colleges and universities will be accepted in accordance with college policies and the Computer Science Department chair's approval. In order to ensure coursework is current, program courses over 10 years old must be reviewed and approved by the appropriate department chair before being accepted toward course requirements.

Graduation Requirements

Students must complete a minimum of 90 term credits of lower division collegiate courses with a minimum grade of "C" or better.

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.

General Education Requirements

Course No.	Course Title	Credits
Writing Skills (two courses required)		**8**

Students who took writing classes of 3 credits each must have WR121, WR122 and either WR123 or WR227. Students taking classes of 4 credits each must take WR121 and either WR122 or WR227.

Course No.	Course Title	Credits
WR121	English Composition I	4
WR122	English Composition II or	
	WR227 Technical Writing	4
Oral Communication (one course required)		**3-4**
SP100	Basic Communication [1]	3
SP111	Fundamentals of Public Speaking	4
SP115	Intercultural Communication [2]	4
SP218	Interpersonal Communication	4
Mathematics		**10**
MTH251	Calculus I (Differential)	5
MTH252	Calculus II (Integral)	5
Health/Wellness/Fitness		**3**
HE112	Emergency First Aid	1
HE208	HIV and Infectious Diseases	1
HE250	Personal Health	3
HE252	First Aid/CPR	3
HE253	Wilderness First Aid/CPR	3
HE261	CPR/Basic Life Support Provider	1
HPE295	Health and Fitness for Life	3
PE185	Activity Courses	1-3
PE291	Lifeguard Training	2
PE292	Water Safety Instructor	2
Total General Education Credits		**24-25**

Distribution Requirements

Humanities [3] — 9-12

Choose three courses from at least two disciplines/prefixes. Courses must be at least 3 credits each and exclude first-year foreign language courses; second-year foreign language is acceptable (see catalog for approved list of humanities electives).

Social Science — 12-16

Complete four courses from at least two disciplines/prefixes. Courses must be at least 3 credits each (see catalog for approved list of social science electives).

Science [4] — 12-15

Complete three biological and/or physical science laboratory courses (see catalog for approved list of science electives).

Total Distribution Credits — 33-43

Computer Science-Specific Requirements

Course No.	Course Title	Credits
CS160	Introduction to Computer Science	4
CS161	Computer Science I	4
CS162	Computer Science II	4
CS260	Data Structures I	4
Total Computer Science-Specific Credits		**16**

Electives

Complete a sufficient number of college-level (numbered 100 and above) courses to meet the total degree requirement of at least 90 credits. Students should use the ASOT-CS university-specific degree requirements guide to determine elective requirements for the transfer institution. A maximum of 12 career and technical credits may be used toward this degree. Note: WR115 Introduction to Expository Writing may be used as elective credit if taken summer term 2000 or after and completed with a letter grade of "C" or better.

Total Elective Credits — 6-17

TOTAL PROGRAM CREDITS — 90

[1] SP100 may not be accepted if students do not complete this degree before transferring to an Oregon university.

[2] Meets cultural literacy criteria (one course required). See catalog for additional courses that meet the criteria.

[3] Students who have graduated from high school or completed a high school equivalency program in 1997 or after must have the following requirement for admission to a four-year Oregon state college or university: 1) two years of the same high school-level language, or 2) two terms of college-level language with a grade of "C" or better (may be first-year language which can be used as elective credits). Note: If students plan to complete a Bachelor of Arts (BA) degree at a four-year school, they must have a proficiency in a foreign language regardless of when they graduated from high school or equivalency program.

[4] Some schools require physics as the laboratory science chosen. It is recommended that students contact the specific school early in the first year of the program or use the ASOT-CS university-specific degree requirements guide to determine any additional science requirements and procedures for admission to a specific school or program.

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 . . . . rwccomputerscience@roguecc.edu or rvccomputerscience@roguecc.edu

Web address . . . . www.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.

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.roguecc.edu/nondiscrimination.

RCC
Rogue Community College