

## About the Program

The Associate of Science (AS) degree is based on a signed articulation agreement with Oregon Tech. The program is designed for students transferring to its baccalaureate degree program in Information Technology. Students must work closely with advisors in their areas of interest to ensure electives are appropriate. The curriculum allows for 54 core credits within the major area. By completing all appropriate credits (including electives), students will fulfill required lower division coursework for transfer to Oregon Tech.

Students should be aware, however, that if they transfer before completing this degree, their courses will be evaluated individually toward the transfer requirements of the college of their choice.

## Program Learning Outcome

The curriculum in RCC courses is derived from a set of identified learning outcomes that are relevant to the discipline. The program learning outcome for the Information Technology Transfer to Oregon Tech degree is:

Students will be prepared to transfer into Oregon Tech's Information Technology program.

## 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 through the Placement Process. 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. 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.

## Graduation Requirements

The Associate of Science degree will be awarded to students who complete all credits in this program with a grade of "C" or better. Certain 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.

## Prerequisites

Course No.	Course Title	Credits
CS/CIS	Approved 3-4 credit Computer Science or Computer Information Science class, CS120/CIS120 or above, or documented computer proficiency within the past ten years.	0-4
MTH95	Intermediate Algebra or designated placement test score	0-4
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
ECON201	Principles of Microeconomics	4
ECON202	Principles of Macroeconomics	4
LIB127	Introduction to Academic Research	1
MTH111	College Algebra	4
MTH243	Probability and Statistics with lab	4
MTH244	Inferential Statistics	4
PSY202	General Psychology II	4
SP111	Fundamentals of Public Speaking	4
WR121	English Composition I	4
WR122	English Composition II	4
WR227	Technical Writing	4
—	Approved humanities electives <sup>1</sup>	6-8
—	Approved science electives <sup>2</sup>	4

**Total General Education Requirements 51-53**



## Core Requirements

Course No.	Course Title	Credits
BA206	Management Fundamentals	3
BA211	Financial Accounting I	4
BA212	Financial Accounting II	4
BA213	Managerial Accounting	4
BA223	Principles of Marketing	3
BA226	Business Law	4
CIS125DB	Data Base Management Systems	3
CIS125SS	Spreadsheet Applications or BA285 Advanced Business Applications: Excel	4
CIS140	Operating Systems	4
CIS179	Introduction to Networks	4
CIS227	PC Hardware Fundamentals and Repair	5
CIS279	Network Operating Systems	4
CS133C#	Programming Fundamentals Using C#	4
CS275	Database Development I	4

**Total Core Credits 54**

**TOTAL PROGRAM CREDITS 105-107**

## <sup>1</sup> Approved Humanities Electives

(Complete at least three courses from the following list, 9-12 credits. A maximum of three performance or studio-based credits indicated by an asterisk are allowed.)

Course No.	Course Title	Credits
ART115,116*	Basic Design (Composition/Color Theory)	3-3
ART131,132,133*	Introduction to Drawing	3-3-3
ART204,205,206	History of Art I, II, III	4-4-4
ART234,235,236*	Figure Drawing I, II, III	3-3-3
ART237,238,239*	Illustration	3-3-3
ART281,282,283*	Painting I, II, III	3-3-3
ENG104,105,106	Introduction to Literature	4-4-4
ENG107,108,109	World Literature I, II, III	4-4-4
ENG201,202	Shakespeare I, II	4-4
ENG204,205,206	Survey of English Literature I, II, III	4-4-4
ENG253,254,255	Survey of American Literature I, II, III	4-4-4
ENG257	African American Literature	4
ENG260	Introduction to Women Writers	4
ENG275	The Bible as Literature	4
HUM101,102,103	Introduction to Humanities I, II, III	4-4-4
HUM215,216,217,218,219	Native American Arts and Cultures	4-4-4-4-4
MUS101	Music Fundamentals	3

MUS105	Music Appreciation	3
MUS108	Music in World Cultures	4
MUS111,112,113	Music Theory and Aural Skills I, II, III	4-4-4
MUS201	Introduction to Western Music	4
MUS205	History of Jazz	3
MUS206	Introduction to Rock Music	3
MUS208	Film Music	3
MUS211,212,213	Music Theory and Aural Skills IV, V, VI	4-4-4
MUS261,262,263	History of Western Music I, II, III	4-4-4
MUS264,265,266	History of Rock I, II, III	3-3-3
PHL101,102,103	Philosophical Problems/Ethics/Critical Reasoning	4-4-4
REL201	World Religions	4
REL243	Nature, Religion and Ecology	4
SPAN201,202,203	Second Year Spanish I, II, III	4-4-4

## <sup>2</sup> Approved Science Electives

At least four credits must be completed from a laboratory-based science course in BI, CHEM or PH.

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	cs@rogucecc.edu
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](http://www.rogucecc.edu/nondiscrimination).

