Software Engineering Technology Transfer to Oregon Tech
Associate of Science Degree

Major Code: 240101V

About the Program
The Associate of Science (AS) degree is based on a signed articulation agreement with Oregon Tech (OT). The degree transfers directly into the bachelor’s degree program at Oregon Tech in software engineering technology and graduates are guaranteed junior standing in the program. Students must work closely with advisors in their areas of interest to ensure electives are appropriate. The curriculum allows for 39 core credits within the major area. By completing all appropriate credits (including electives), students will fulfill required lower division coursework for transfer to OT.

Students should note that Associate of Science is the only designation that is recorded on their transcripts and printed degrees. Students must work closely with their advisors to ensure transferability of this program. If students transfer before completing this degree or transfer in a major not covered by prior agreements, courses will be evaluated individually toward the transfer requirements of the college of their choice. Students are advised to obtain written approval from Oregon Tech to guarantee their catalog of transfer for three years.

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. 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.

Graduation Requirements
The Associate of Science degree will be awarded to students who complete all credits in this program. Certain 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
CS111  Fundamentals of Public Speaking  4
WR121  English Composition I  4
WR122  English Composition II  4
WR227  Technical Report Writing  4
LIB127  Introduction to Library Research Methods  1
Approved humanities electives  7-8

TOTAL GENERAL EDUCATION REQUIREMENTS  51-52

Core Requirements
Course No.  Course Title  Credits
CS133u  Introduction to C++ Programming  4
CS140  Introduction to Operating Systems  4
CS233u  Advanced C++ Programming  4
CS240L  Advanced Operating Systems (Linux)  4
EET125  Electronics Fundamentals I (DC)  6
EET130  Digital Fundamentals I  6
EET131  Digital Fundamentals II  6
EET240  Microcontrollers I  5

TOTAL CORE CREDITS  39

TOTAL PROGRAM CREDITS  90-91

Approved Humanities Electives
(Complete 7-8 credits from the following list. A maximum of three performance or studio-based credits indicated by an asterisk are allowed.)

Course No.  Course Title  Credits
ART101,102,103  Introduction to Drawing  3-3-3
ART211  Introduction to Motion Pictures  4
ART281,282,283*  Painting I, II, III  3-3-3
ART294,295,296*  Figure Drawing I, II, III  3-3-3
ART297,298,299*  Illustration  3-3-3
ENG101,102,103  World Literature I, II, III  4-4-4
ENG104,105,106  World Literature I, II, III  3-3-3
ENG107,108,109  World Literature I, II, III  4-4-4
ENG201,202,203  Shakespeare I, II, III  4-4-4
ENG204,205,206  Survey of English Literature I, II, III  3-3-3
ENG244  Introduction to Asian American Literature  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
ENG261  Literature of Science Fiction  4
ENG275  The Bible as Literature  4
FA101  Introduction to Motion Pictures  4
FR201,202,203  Second Year French I, II, III  4-4-4
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
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

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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
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<tbody>
<tr>
<td>REL201</td>
<td>World Religions</td>
<td>4</td>
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<td>REL243</td>
<td>Nature, Religion and Ecology</td>
<td>4</td>
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<td>SPAN201,202,203</td>
<td>Second Year Spanish I, II, III</td>
<td>4-4-4</td>
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<tr>
<td>TA164,165,166</td>
<td>Writing for Theater</td>
<td>4-4-4</td>
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Note: Students who have graduated from high school or completed a high school equivalency program in 1997 or after must have: 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 for admission to a four-year Oregon college or university. If students plan to complete a Bachelor of Arts (BA) degree at a four-year school, they must have two years of same college-level language.

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 .................................................. cdilleva@roguecc.edu or bfrederickson@roguecc.edu
Web address ................................. www.roguecc.edu/computerscience
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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