



**Rogue Community College
Associate of Science
to
Oregon Institute of Technology
Bachelor of Science in Software Engineering Technology**

**Articulation Agreement
2025 – 2026 Catalog**

It is agreed that students transferring with Rogue Community College’s (RCC) Associate of Science to Oregon Institute of Technology’s (Oregon Tech) Bachelor of Science in Software Engineering Technology (BSOF) program will be given full credit for all selected courses listed below. This agreement is based on the evaluation of the rigor and content of the general education and technical courses at both RCC and Oregon Tech, and is subject to a yearly reevaluation by both schools for continuance. This agreement is November 1st, 2025.

Baccalaureate students must complete a minimum of 60 credits of upper-division work before a degree will be awarded. Upper-division is defined as 300-and 400-level classes at a bachelor’s degree granting institution. Baccalaureate students at Oregon Tech must complete 45 credits from Oregon Tech before a degree will be awarded.

Admission to Oregon Tech is not guaranteed. Students must apply for admission to Oregon Tech in accordance with the then-existing rules, policies and procedures of Oregon Tech. Students are responsible for notifying the Oregon Tech Admissions and Registrar’s Office when operating under an articulation agreement to ensure their credits transfer as outlined in this agreement. In order to utilize this agreement students must be attending RCC during the above catalog year. Students must enroll at Oregon Tech within three years of this approval.

Rogue Community College

Oregon Institute of Technology

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Rogue Community College Degree Courses & Oregon Tech Equivalent Credits

Rogue Community College Course Number & Title	Qtr. Units	Oregon Institute of Technology Course Number & Title	Qtr. Units
Program Prerequisites			
MTH 111Z – Precalculus I - Functions	4	MATH 111Z – Precalculus I: Functions	4
MTH 112Z – Precalculus II - Trigonometry	4	MATH 112Z – Precalculus II: Trigonometry	4
CIS 145 - Introduction to Hardware - Software	5	Elective ¹	--
COMM 111Z - Public Speaking	4	COM 111Z - Public Speaking	4
COMM 225 - Small Group Communication	4	SPE 321 - Small Group and Team Communication ³	3
CS 161U - Computer Science I - C++	4	CST 116 - C++ Programming I	4
CS 162U - Computer Science II - C++	4	CST 126 - C++ Programming II	4
CS 234U - Object Oriented Programming in C++	4	CST 136 - Object-Oriented Programming with C++	4
ECON 201Z- Principles of Microeconomics or ECON 202Z -Principles of Macroeconomics	4	Econ 201Z – Principles of Microeconomics or Econ 202Z – Principles of Macroeconomics	4
Humanities Electives ²	9	Humanities Electives ²	9
MTH 251Z - Differential Calculus	4	MATH 251Z - Differential Calculus	4
MTH 252Z - Integral Calculus	4	MATH 252Z - Integral Calculus	4
MTH 254 - Calculus IV - Vector Calculus	5	MATH 254 - Vector Calculus I	4
PH 211 - General Physics I (4) PH211 – General Physics I Lab (1)	5	PHY 221 - General Physics with Calculus	4
PH 212 - General Physics II (4) PH212L – General Physics II Lab (1)	5	PHY 222 - General Physics with Calculus	4
PH 213 - General Physics III (4) PH213L – General Physics III Lab (1)	5	PHY 223 - General Physics with Calculus	4
PSY 201Z Introduction to Psychology I	4	Social Science Elective (Satisfies PSY 201Z)	4
PSY 202Z – Introduction to Psychology II	4	PSY 202Z – Introduction to Psychology II (social science elective)	4
WR 121Z - Composition I	4	WRI 121Z – Composition I	4
WR 227Z - Technical Writing	4	WRI 227Z - Technical Writing	4
Total RCC Degree Credits ¹	90-93	Total Oregon Tech Degree Credits	80

Courses not required for Rogue Community College's AS but are required for Oregon Tech's BS in Software Engineering Technology and can be taken at RCC or Oregon Tech.

Rogue Community College Course Number & Title	Qtr. Units	Oregon Institute of Technology Course Number & Title	Qtr. Units
Social Science Electives	4	Social Science Electives	4
Additional RCC Degree Credits ¹	4	Additional OT Credits	4
Total RCC Degree Credits ¹	93-96	Total OT Degree Credits ¹	84

In addition to the above courses, the courses listed below are also required for the BS in Software Engineering Technology and should be completed at Oregon Tech.

Oregon Institute of Technology Course Number & Title	Qtr. Units
ANTH 452 - Globalization	3
CST 120 - Embedded C	4
CST 131 - Computer Architecture	3
CST 162 – Digital Logic	4
CST 130 Computer Organization	3
CST 211 - Data Structures	4
CST 223 - Concepts of Programming Languages	3
CST 229 - Introduction to Grammars	3
CST 236 - Engineering for Quality Software	4
CST 238 - Graphical User Interface Programming	4
CST 240 - Linux Programming	4
CST 250 - Computer Assembly Language	4
CST 276 - Software Design Patterns	4
CST 316 - Junior Team-Based Project Development I	4
CST 320 - Compiler Methods	4
CST 324 - Database Systems and Design	4
CST 326 - Junior Team-Based Project Development II	4
CST 334 - Project Proposal	1
CST 336 - Junior Team-Based Project Development III	4
CST 352 - Operating Systems	4

CST 412 - Senior Development Project	3
CST 415 - Computer Networks	4
CST 422 - Senior Development Project	3
CST 432 - Senior Development Project	2
MATH 327 - Discrete Mathematics	4
MATH 465 - Mathematical Statistics	4
Technical Electives	9
WRI 350 - Documentation Development	3
Additional Oregon Tech Credits ⁵	97
Total Oregon Tech Degree Credits ⁶	181

1. Excess credits will transfer to Oregon Tech as general elective credit with the exception of developmental course work; these credits will not be used toward the BSOF.
2. Students can transfer up to nine (9) credit hours of Humanities electives into the BSOF; these courses should be designated as Humanities electives by Oregon Tech. However, only three (3) humanities credits can be studio/performance based. Choose from the following RCC prefixes: ART, ENG, HUM, MUS, PHL, REL, TA, or Languages (second year/200-level only).
3. Does not count toward the 60 upper-division credit requirement.
4. Students can transfer up to six (6) credit hours of Social Science electives into the BSOF; these courses should be designated as Social Science elective by Oregon Tech. Choose from the following RCC prefixes: ANTH, ECON, GEOG, HST, PS, PSY, or SOC.
5. Baccalaureate students must complete a minimum of 60 credits of upper-division work before a degree will be awarded. Upper-division is defined as 300- and 400- level classes at a bachelor's degree granting institution.
6. Oregon Tech's BSOF requires 181 credits.