Oregon TECH
Oregon Institute of Technology

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

Articulation Agreement
2024 - 2025 Catalog

It is agreed that students transferring with Rogue Community College's (RCC) Associate of Science in Civil Engineering to Oregon Institute of Technology's (Oregon Tech) Bachelor of Science in Civil Engineering (BSCE) 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 January 7th, 2025.

Bachelor degree-seeking 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. Bachelor degree-seeking students that transfer to Oregon Tech with 300-400 level transferable courses must complete at least 45 additional credits with 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

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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
CHEM 221 - General Chemistry I (3) CHEM221L- General Chemistry I Lab (1) CHEM221R – General Chemistry Recitation (1)	5	CHE 221 - General Chemistry I	5
CHEM 222 - General Chemistry II (3) CHEM222L – General Chemistry II Lab (1) CHEM222R – General Chemistry II Recitation (1)	5	CHE 222 - General Chemistry II	5
CHEM 223 - General Chemistry II I(3) CHEM223L – General Chemistry III Lab (1) CHEM223R – General Chemistry III Recitation (1)	5	Math/Science Elective	--
COMM 111Z - Public Speaking	4	COM 111Z - Public Speaking	4
ECON 201 - Principles of Microeconomics	4	Satisfies Social Science Elective: ECO 201 - Principles of Microeconomics	3
ENGR 101 - Engineering Orientation I	2	ENGR 101 - Introduction to Engineering I	2
ENGR 102 - Engineering Orientation II	2	ENGR 102 - Introduction to Engineering II	2
ENGR103 – Engineering Orientation III	2	(No Program Credit) Lower Division Transfer [1]	--
ENGR 211 - Statics	3	ENGR 211 - Engineering Mechanics: Statics[6]	3/4
ENGR 213 - Strength of Materials	3	ENGR 213 - Engineering Mechanics: Strength of Materials[7]	3
Approved HUM Electives [2] ART 204 - History of Art (recommended)	3-4	Humanities Electives [2]	3
MTH 251 - Calculus I - Differential Calculus	5	MATH 251 - Differential Calculus	4
MTH 252 - Calculus II - Integral Calculus	5	MATH 252 - Integral Calculus	4
MTH 254 - Calculus IV - Vector Calculus	5	MATH 254 - Vector Calculus I	4
MTH 256 - Differential Equations	5	MATH 321 – Applied Differential Equations[3]	4
MTH 261 - Linear Algebra	5	Lower Division Transfer	--
PH 211 - General Physics I (3) PH211 – General Physics I Lab (1) PH211 – General Physics Recitation (1)	5	PHY 221 - General Physics with Calculus	4
PH 212 - General Physics II (3) PH212L – General Physics II Lab (1) PH212R – General Physics II Recitation (1)	5	PHY 222 - General Physics with Calculus	4
PH 213 - General Physics III (3) PH213L – General Physics III Lab (1) PH213R – General Physics III Recitation (1)	5	Satisfies Math/Science Elective: PHY 223 - General Physics with Calculus	4
PSY201Z Introduction to Psychology I or Approved Social Science Elective [4]	4	Social Science Elective [4]	4
WR 121Z - Composition I	4	WRI 121Z – Composition I	4
WR 122Z - Composition II or WR 227Z - Technical Writing (recommended)	4	WRI 122Z – Composition II or WRI 227Z - Technical Writing	4
Total RCC Degree Credits [1]	**90-91**	**Total Oregon Tech Degree Credits**	**70-71**

Courses not required for Rogue Community College's AS in Civil Engineering but are required for Oregon Tech's BS in Civil Engineering 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
Choose one: COMM 115 - Intercultural Communication COMM 218Z - Interpersonal Communication COMM 225 - Small Group Communication	4	Satisfies SPE/WRI/COM Elective: COM 205 - Intercultural Communication COM 218Z - Interpersonal Communication SPE 321 - Small Group and Team Communication [3]	4 Or 3
Approved HUM Electives [2]	3	Humanities Electives [2]	3
Social Science Electives	3	Social Science Electives	3
Literature Elective	3	Humanities (Literature) Elective	3
Additional RCC Degree Credits [1]		Additional Oregon Tech Degree Credits	12-13
Total RCC Degree Credits [1]		Total Oregon Tech Degree Credits	82-83

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

Oregon Tech courses for the BSCE may change based on catalog entry term.

Oregon Institute of Technology Course Number & Title	Qtr. Units
ANTH 452 - Globalization	3
CE 203 - Engineering Graphics	3
CE 205 - Computational Methods	2
CE 212 - Civil Engineering Materials	4
CE 308 - Principles of Professional Practice	4
CE 311 - Introduction to Geotechnical Engineering	5
CE 312 - Earth Pressures and Foundations	3
CE 331 - Structural Analysis	4
CE 341 - Elementary Structural Design	5
CE 351 - Introduction to Transportation Engineering	4
CE 354 - Traffic Engineering	3
CE 371 - Closed Conduit Design	4
CE 374 - Hydrology	4
CE 401/COM 401 - Civil Engineering Project I	5
CE 402 - Civil Engineering Project II	4

CE 405 - Sustainability and Infrastructure	3
CE 442 - Advanced Reinforced Concrete Design or CE 444 - Intermediate Steel Design	4
ENGR 207 (Lab Section) Seminar (Counts as 4th credit for ENGR 213)[6]	1
ENGR 318 - Engineering Mechanics: Fluids	4
BIO/ENV/GEOL Elective	4
GIS 134 - Geographic Information Systems	3
GME 161 - Plane Surveying I	4
MATH 361 - Statistical Methods I	4
Technical Electives	15
Additional Oregon Tech Credits [5]	**99**
Total Oregon Tech Degree Credits [8]	**181-182**

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 BSCE.

2. Students can transfer up to six (6) credit hours of Humanities electives into the BSCE; 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 BSCE; 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. Engineering Statics credit from RCC will give students 3 credits for OIT's Statics course. The remaining 1 credit will be filled with extra physics credits.

7. RCC students will need to complete 1 credit Strength of Materials lab in order to fully meet OIT degree requirements.

8. Oregon Tech's BSCE requires 180 credits.