





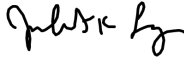



**Rogue Community College
Associate of Science
to
Oregon Institute of Technology
Bachelor of Science in Civil Engineering**

**Articulation Agreement
2020 - 2021 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 dated July 27, 2020.

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.

<u>Rogue Community College</u>	<u>Oregon Institute of Technology</u>
 08/10/2020	 07/30/2020
Danielle Crouch, Director Enrollment Services	Carleen Drago Starr, Director Educational Outreach and Partnerships
 08/10/2020	 07/30/2020
Juliet Long, Vice President Instruction	Roger Lindgren, Department Chair Civil Engineering
	 07/30/2020
	Tom Keyser, Dean College of Engineering, Technology, and Management
	 07/30/2020
	Wendy Ivie University Registrar

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 with Lab and Recitation	5	CHE 221 - General Chemistry I	5
CHEM 222 - General Chemistry II with Lab and Recitation	5	CHE 222 - General Chemistry II	5
COMM 111 - Fundamentals of Public Speaking	4	SPE 111 - Public Speaking	3
ECON 201 - Principles of Microeconomics	4	Satisfies Social Science Elective: ECO 201 - Principles of Microeconomics	3
ENGR 101 - Engineering Orientation I: Careers, Skills and Computer Tools	2	ENGR 101 - Introduction to Engineering I	2
ENGR 102 - Engineering Orientation II: Careers, Skills, and Computer Tools	2	ENGR 102 - Introduction to Engineering II	2
ENGR 103 - Engineering Orientation III: Careers, Skills, and Computer Tools	2	Elective ¹	--
ENGR 211 - Statics	3	ENGR 211 - Engineering Mechanics: Statics	4
ENGR 213 - Strength of Materials	3	ENGR 213 - Engineering Mechanics: Strength of Materials	4
Humanities Electives ²	6	Humanities Electives ²	6
MTH 251 - Calculus I (Differential) with Lab	5	MATH 251 - Differential Calculus	4
MTH 252 - Calculus II (Integral) with Lab	5	MATH 252 - Integral Calculus	4
MTH 254 - Vector Calculus with Lab	5	MATH 254 - Vector Calculus I	4
MTH 256 - Differential Equations with Lab	5	MATH 321 - Applied Differential Equations I ³	4
MTH 261 - Linear Algebra with Lab	5	Satisfies Technical Elective: MATH 341 - Linear Algebra ³	4
PH 211 - General Physics (Calculus-Based) I with Lab and Recitation	5	PHY 221 - General Physics with Calculus	4
PH 212 - General Physics (Calculus-Based) II with Lab and Recitation	5	PHY 222 - General Physics with Calculus	4
PH 213 - General Physics (Calculus-Based) III with Lab and Recitation	5	Satisfies Math/Science Elective: PHY 223 - General Physics with Calculus	3
Social Science Elective ⁴	3	Social Science Elective ⁴	3
WR 121 - English Composition I	4	WRI 121 - English Composition	3
WR 122 - English Composition II	4	WRI 122 - Argumentative Writing	3
WR 227 - Technical Writing	4	WRI 227 - Technical Report Writing	3
Total RCC Degree Credits ¹	91	Total Oregon Tech Degree Credits	77

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 - Introduction to Intercultural Communication COMM 218 - Interpersonal Communication COMM 225 - Small Group Communication and Problem-solving	3	Satisfies SPE/WRI/COM Elective: COM 205 - Intercultural Communication COM 225 - Interpersonal Communication SPE 321 - Small Group and Team Communication ³	3
Literature Elective	3	Literature Elective	3
Additional RCC Degree Credits ¹	6	Additional Oregon Tech Degree Credits	6
Total RCC Degree Credits ¹	97	Total Oregon Tech Degree Credits	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 335 - The Built Environment or HIST 335 - The Engineering Profession	3
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 318 - Engineering Mechanics: Fluids	4
GEOL 201 - Physical Geography	4
GIS 134 - Geographic Information Systems	3
GME 161 - Plane Surveying I	4
MATH 361 - Statistical Methods I	4
Technical Electives	11
Additional Oregon Tech Credits ⁵	97
Total Oregon Tech Degree Credits ⁶	180

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. Oregon Tech's BSCE requires 180 credits.