



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

Articulation Agreement
2025 - 2026 Catalog

It is agreed that students transferring with Rogue Community College's (RCC) Associate of Science in Renewable Energy Engineering to Oregon Institute of Technology's (Oregon Tech) Bachelor of Science in Renewable Energy Engineering (BREE) 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 November 1st, 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

DocuSigned by:
Danielle Crouch 12/11/2025
AA8418C7BF344EE
 Danielle Crouch, Director
 Enrollment Services

Signed by:
Dave Koehler 12/19/2025
C086FABE2AB44A0
 Dave Koehler, Vice President
 Student Learning & Success/Provost

Signed by:
Chasda Clendinen-Watkins 12/15/2025
DEE99A4B53894EC
 Chasda Clendinen-Watkins
 Director, Math and Science

Oregon Institute of Technology

DocuSigned by:
Carleen Drago Starr 11/21/2025
E1FE9B24CA0C4E6
 Carleen Drago Starr, Director
 Educational Outreach and Partnerships

DocuSigned by:
Naga Korivi 12/5/2025
44C9280EAF904BA
 Naga Korivi, Department Chair
 Electrical Engineering and Renewable Energy

DocuSigned by:
Neslihan Alp 12/5/2025
658E34328DFB44B
 Neslihan Alp, Dean
 College of Engineering, Technology, and Management

DocuSigned by:
Wendy Ivie 12/5/2025
7221E685B193446
 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 221Z - General Chemistry I (4) CHEM227Z- General Chemistry I Lab (1)	5	CHE 201 - General Chemistry I CHE 204 - General Chemistry I Laboratory	4
CHEM 222Z - General Chemistry II (4) CHEM228Z – General Chemistry II Lab (1)	5	CHE 202 - General Chemistry II CHE 205 - General Chemistry II Laboratory	4
CHEM 223Z - General Chemistry III (4) CHEM229Z – General Chemistry III Lab (1)	5	Elective	--
COMM 111Z - Public Speaking	4	COM 111Z - Public Speaking	4
ECON 201Z - Principles of Microeconomics	4	ECO 201Z - Principles of Microeconomics	4
ENGR 111 - Engineering Orientation I ENGR 112 - Engineering Orientation II	6	EE 101 - Introduction to Engineering I EE 102 - Introduction to Engineering II ACAD 110 – ETM Freshman Seminar	1 2 1
ENGR 201 - Electrical Fundamentals I (2) ENGR201L – Electrical Fundamentals Lab (1)	3	EE 221 - Circuits I	4
ENGR 202 - Electrical Fundamentals II (2) ENGR202L – Electrical Fundamentals Lab (1)	3	EE 223 - Circuits II	4
ENGR 211 - Statics	4	CE 211 or MECH 211 - Engineering Mechanics: Statics	4
ART 204 – Prehistoric to Gothic Art or Approved Humanities Elective ²	3-4	Humanities Electives ²	3
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
MTH 256 - Differential Equations	5	MATH 321 - Applied Differential Equations I ³	4
MTH 261 - Linear Algebra	5	MATH 341 - Linear Algebra ³	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
WR 121Z - Composition I	4	WRI 121Z- Composition I	4
WR 227Z - Technical Writing or WR 122Z- Composition II	4	WRI 227Z - Technical Writing or WRI 122Z – Composition II	4

PSY201Z Introduction to Psychology I or Approved Social Science elective	3-4	Social Science Elective	3
Total RCC Degree Credits ¹	91-93	Total Oregon Tech Degree Credits	78

Courses not required for Rogue Community College's AS in Renewable Energy Engineering but are required for Oregon Tech's BS in Renewable Energy 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
COMM 225 - Small Group Communication	4	SPE 321 - Small Group and Team Communication ³	3
Humanities Elective ²	6	Humanities Elective ²	6
Social Science Electives ⁴	5	Social Science Electives ⁴	5
Additional RCC Degree Credits ¹	13	Additional Oregon Tech Degree Credits	14
Total RCC Degree Credits ¹		Total Oregon Tech Degree Credits	92

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

Oregon Institute of Technology Course Number & Title	Qtr. Units
CHE 260 - Electrochemistry for Renewable Energy Applications	4
EE 225 - Circuits III	4
EE 321 - Electronics I	5
EE 419 - Power Electronics	4
EE 461 - Control System Engineering	4
ENGR 267 - Engineering Programming	3
ENGR 355 - Thermodynamics	3
ENGR 465 - Capstone Project	6
HIST 356 - A History of Energy or HIST 357 - History of the Electric Grid	3
MECH 318 - Fluid Mechanics I or ENGR 318 - Engineering Mechanics: Fluids	4
MATH 465 – Mathematical Statistics or MATH 361 Statistical Methods	4

MECH 323 - Heat Transfer I	3
REE 243 - Electrical Power	4
REE 253 - Electromechanical Energy Conversion	3
REE 331 - Fuel Cells	3
REE 337 - Materials for RE Applications or EE 343 - Solid-State Electronic Devices	3
REE 4XX - Senior Sequence I, II, and III	9
REE 412 - Photovoltaic Systems	3
REE 413 - Electric Power Conversion Systems	4
REE 463 - Energy Systems Instrumentation	3
Renewable Energy Engineering Electives	9
Upper Division Writing Elective - choose from: WRI 327 - Advanced Technical Writing WRI 350 - Documentation Development WRI 410 - Proposal and Grant Writing	3
Additional Oregon Tech Credits ⁵	91
Total Oregon Tech Degree Credits ⁶	183

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 BREE.
2. Students can transfer up to nine (9) credit hours of Humanities electives into the BREE; 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 BREE; 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 BREE requires 183-184 credits.