Oregon TECH
Oregon Institute of Technology

Rogue Community College
Associate of Science in Electrical Engineering
to
Oregon Institute of Technology
Bachelor of Science in Electrical Engineering
Articulation Agreement
2025 - 2026 Catalog

It is agreed that students transferring with Rogue Community College's (RCC) Associate of Science in Electrical Engineering to Oregon Institute of Technology's (Oregon Tech) Bachelor of Science in Electrical Engineering (BEE) 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.

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. Dual Enrollment is possible according to an existing Memorandum of Understanding. 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
Danielle Crouch — 12/11/2025	*Carleen Drago Starr* — 11/21/2025
Danielle Crouch, Director Enrollment Services	Carleen Drago Starr, Director Educational Outreach and Partnerships
Dave Koehler — 12/19/2025	*Naga Korivi* — 12/11/2025
Dave Koehler, Vice President Student Learning & Success/Provost	Naga Korivi, Department Chair Electrical Engineering and Renewable Energy
Chasda Clendinen-Watkins — 12/15/2025	*Neslihan Alp* — 12/11/2025
Chasda Clendinen-Watkins Director, Math and Science	Neslihan Alp, Dean College of Engineering, Technology, and Management
	Wendy Ivie — 12/5/2025
	Wendy Ivie University Registrar

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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 221Z - General Chemistry I (4) CHEM227Z- General Chemistry I Lab (1)	5	CHE 201 - General Chemistry I CHE 204 - General Chemistry I Lab	4
CHEM 222Z - General Chemistry II (4) CHEM2228Z – General Chemistry II Lab (1)	5	CHE 202 - General Chemistry II CHE 205 - General Chemistry II Lab	4
COMM 111Z - Public Speaking	4	COM 111Z - Public Speaking	4
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 [1]	--
ECON201Z – Principles of Microeconomics	4	Social Science elective	3
ENGR 111 - Engineering Orientation I	3	ACAD 110 – ETM Freshman Orientation	1
ENGR 112 - Engineering Orientation II	3	EE 101 – Introduction to Engineering EE 102 – Introduction to Engineering	2
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
ART 204 – Prehistoric to Gothic Art or other HUM course[2]	3-4	Humanities Elective [2]	3
PSY 201Z – Introduction to Psychology I or approved SOC SCI course	3-4	Social Science Elective	4
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 I [3]	4
PH 211 - General Physics – Calculus I (4) PH211 – General Physics – Calculus I Lab (1)	5	PHY 221 - General Physics with Calculus	4
PH 212 - General Physics – Calculus II (4) PH212L – General Physics – Calculus II Lab (1)	5	PHY 222 - General Physics with Calculus	4
PH 213 - General Physics – Calculus III (4) PH213L – General Physics – Calculus III Lab (1)	5	PHY 223 - General Physics with Calculus	4
WR 121Z - Composition I	4	WRI 121Z - Composition I	4
WR122Z – Composition II or WR 227Z - Technical Writing	4	WRI122Z – Composition II or WRI 227Z - Technical Writing	4
Total RCC Degree Credits [1]	90-92	**Total Oregon Tech Degree Credits**	77

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Courses not required for Rogue Community College's AS in Electrical Engineering but are required for Oregon Tech's BS in Electrical 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 Electives [2]	6	Humanities Electives [2]	6
MTH 253Z – Calculus: Sequences and Series	4	MATH 253Z – Calculus: Sequences and Series	4
Social Science Electives [4]	6	Social Science Electives [4]	6
Additional RCC Degree Credits [1]	20	Additional Oregon Tech Degree Credits	19
Total RCC Degree Credits [1]		Total Oregon Tech Degree Credits	96

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

Oregon Institute of Technology Course Number & Title	Qtr. Units
EE 131 - Digital Electronics I	4
EE 133 - Digital Electronics II	4
EE 225 - Circuits III	4
EE 321 - Electronics I	5
EE 323 - Electronics II	5
EE 331 - Digital System Design with HDL	4
EE 333 - Introduction to Microcontrollers	4
EE 335 - Advanced Microcontrollers	4
EE 341 - Electricity and Magnetism w/Transmission Lines	4
EE 343 - Solid-State Electronic Devices	3
EE 401 - Communication Systems	5
EE 430 - Linear Systems and Digital Signal Processing	5
EE 461 - Control System Engineering	4
Engineering Electives	10
ENGR 267 - Engineering Programming	3
ENGR 465 - Capstone Project	6
MATH 465 - Mathematical Statistics	4

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MGT 345 - Engineering Economy	3
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]	**84**
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 BEE.

2. Students can transfer up to nine (9) credit hours of Humanities electives into the BEE; 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 twelve (12) credit hours of Social Science electives into the BEE; 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 BEE requires 180 credits.