Oregon TECH
Oregon Institute of Technology

Klamath Community College
Associate of Applied Science in Computer Engineering Technology
to
Oregon Institute of Technology
Bachelor of Science in Computer Engineering Technology

Articulation Agreement
2023 - 2024 Catalog

It is agreed that students transferring with Klamath Community College's (KCC) Associate of Applied Science in Computer Engineering Technology to Oregon Institute of Technology's (Oregon Tech) Bachelor of Science in Computer Engineering Technology (BCMP) 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 KCC and Oregon Tech and is subject to a yearly reevaluation by both schools for continuance. This agreement is dated March 19th, 2024.

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. To utilize this agreement students must attend KCC during the above catalog year. Students must enroll at Oregon Tech within three years of this approval.

Klamath Community College	Oregon Institute of Technology
Monika Bilka 3/22/2024	*Carleen Drago Starr* 4/1/2024
Monika Bilka, Dean Instruction	Carleen Drago Starr, Director Educational Outreach and Partnerships
Jamie Jennings 3/22/2024	*Stefan Andrei* 4/1/2024
Jamie Jennings, Vice President Academic Affairs	Stefan Andrei, Department Chair Computer Systems Engineering Technology
	Neslihan Alp 4/1/2024
	Neslihan Alp, Dean College of Engineering, Technology, and Management
	Wendy Ivie 4/1/2024
	Wendy Ivie, University Registrar

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Klamath Community College Degree Courses & Oregon Tech Equivalent Credits

Klamath Community College Course Number & Title	Qtr. Units	Oregon Institute of Technology Course Number & Title	Qtr. Units
CGS 100 - College Survival and Success	3	Elective [1]	--
CIS 116 - C++ Programming I CIS 116L - C++ Programming I Lab	4	CST 116 - C++ Programming I	4
CIS 120 - Embedded C CIS 120L - Embedded C Lab	4	CST 120 - Embedded C	4
CIS 126 - C++ Programming II CIS 126L - C++ Programming II Lab	4	CST 126 - C++ Programming II	4
CIS 130 - Computer Organization	3	CST 130 - Computer Organization	3
CIS 131 - Computer Architecture	3	CST 131 - Computer Architecture	3
CIS 142 Introduction to Programming C# CIS 142/L Introduction to Programming C#	3 1	Elective	--
CIS 145 - Hardware Installation Support CIS 145L - Hardware Installation Support Lab CIS 146 - Software Installation Support CIS 146L - Software Installation Support Lab	8	MIS 145 - Introduction to PC Hardware/Software [1]	--
CIS 151 - Network I CIS 151L - Network I Lab	4	Elective [1]	--
CIS 152 - Network II CIS 152L - Network II Lab	4	Elective [1]	--
CIS 162 - Digital Logic Design CIS 162L - Digital Logic Design Lab	4	CST 162 - Digital Logic I	4
CIS 279 - Network Operating Systems CIS 279L - Network Operating Systems Lab	4	MIS 273 - Systems Administration I [1]	--
CIS 280 - Coop Wk Exp: Computer Technology Engineer	2	Elective [1]	--
TEX 280 – Cooperative Wk Exp: Seminar	1	Elective	--
Humanities (Arts and Letters) Elective [2]	3	Humanities (Arts and Letters) Elective [2]	3
MTH 111Z - Precalculus I: Functions	4	MATH 111Z - Precalculus I: Functions	4
MTH 112Z - Precalculus II: Trigonometry	4	MATH 112Z - Precalculus II: Trigonometry	4
MTH 251 - Calculus I	4	MATH 251 - Differential Calculus	4
Science/Math/Computer Science [3] MTH 252 - Calculus II PHY 211 - General Physics I (Calculus-based) PHY 211L - General Physics I Lab	4 4 1	MATH 252 - Integral Calculus PHY 221 - General Physics with Calculus	4 4
Social Sciences Electives [4]	6	Social Sciences Electives [4]	6
COM 111Z - Public Speaking	4	COM 111Z - Public Speaking	4
WRI 121Z - Composition I	4	WRI 121Z - Composition I	4
WRI 227Z - Technical Writing	4	WRI 227Z - Technical Writing	4

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Total KCC Degree Credits [1]	94	Total Oregon Tech Degree Credits	63

Courses not required for Klamath Community College's AAS in Computer Engineering Technology but are required for Oregon Tech's BS in Computer Engineering Technology and can be taken at KCC or Oregon Tech.

Klamath Community College Course Number & Title	Qtr. Units	Oregon Institute of Technology Course Number & Title	Qtr. Units
Humanities Elective [2]	3	Humanities Elective [2]	3
MTH 254 - Vector Calculus	4	MATH 254 - Vector Calculus I	4
ECO 201- Principles of Econ: Micro or Eco 202 - Principles of Econ: Macro	3	Econ 201 – Principles of Microeconomics or Econ 202 – Principles of Macroeconomics	3
PHY 212 - General Physics II (Calculus-based) PHY 212L - General Physics II Lab	5	PHY 222 - General Physics with Calculus	4
PHY 213 - General Physics III (Calculus-based) PHY 213L - General Physics III Lab	5	PHY 223 - General Physics with Calculus	4
SPE 215 - Small Group Communication: Process and Theory	3	SPE 321 - Small Group and Team Communication [5]	3
CIS 136 – Object Oriented Programming with C++ CIS 136 – Object-Oriented Programming with C++Lab	4	CST 136 – OOP with C++	4
Additional KCC Degree Credits [1]	**27**	**Additional Oregon Tech Degree Credits**	**25**
Total KCC Degree Credits [1]	**121**	**Total Oregon Tech Degree Credits**	**88**

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

Oregon Institute of Technology Course Number & Title	Qtr. Units
Advanced MATH Elective	4
ANTH 452 - Globalization	3
CST 133 - Digital Logic II	4
CST 134 - Instrumentation	1
CST 204 - Introduction to Microcontrollers	4
CST 231 - Digital Systems Design I	4
CST 240 - Linux Programming	4
CST 250 - Computer Assembly Language	4
CST 315 - Embedded Sensor Interfacing and I/O	4
CST 331 - Microprocessor Peripheral Interfacing	5
CST 337 - Embedded System Architecture	5

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CST 344 - Intermediate Computer Architecture	3
CST 351 - Digital Systems Design II	3
CST 371 - Embedded Systems Development I	4
CST 372 - Embedded Systems Development II	3
CST 373 - Embedded Systems Development III	2
CST 374 - Embedded Project Proposal	1
CST 418 - Data Communications and Networks	3
CST 442 - Advanced Computer Architecture	3
CST 471 - Embedded Senior Project	3
CST 472 - Embedded Senior Project	3
CST 473 - Embedded Senior Project	2
EE 221 - Circuits I	4
EET 237 - AC Circuits, Filters, and Signals	3
EET 238 - AC Circuits, Filters, and Signals Laboratory	1
PHIL 331 - Ethics in the Professions	3
Technical Electives	6
WRI 327 - Advanced Technical Writing	3
Additional Oregon Tech Credits [6]	**92**
Total Oregon Tech Degree Credits [7]	**180**

1. Excess credits will transfer to Oregon Tech as general elective credit except for developmental course work; these credits will not be used toward the BCMP.

2. Students can transfer up to six (6) credit hours of Humanities electives into the BCMP; 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 KCC prefixes: ART, ENG, MUS, PHL, THR, or Languages (second year/200-level only).

3. To maximize useable credits toward the BCMP, the listed course is recommended.

4. Students can transfer up to nine (9) credit hours of Social Science electives into the BCMP; these courses should be designated as Social Science elective by Oregon Tech. Choose from the following KCC prefixes: ATH, ECO, GEO, HST, POL, PSY, or SOC.

5. Does not count toward the 60 upper-division credit requirement.

6. 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.

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7. Military credit for general education courses at KCC, denoted by (M), will count for the equivalent Oregon Tech course.

8. Oregon Tech's BCMP requires 180 credits.