



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

Articulation Agreement
2021 - 2022 Catalog

It is agreed that students transferring with Klamath Community College's (KCC) Associate in Computer Engineering Technology to Oregon Institute of Technology's (Oregon Tech) Bachelor of Science in Software Engineering Technology (BSOF) 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 July 9, 2021.

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. 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 KCC during the above catalog year. Students must enroll at Oregon Tech within three years of this approval.

Klamath Community College

DocuSigned by:
Jeanne LaHaie 1/21/2022
BF99DE66F0A6400...

Jeanne LaHaie, Dean
 Instruction

DocuSigned by:
Jamie Jennings 1/24/2022
D1E709E0F4E443A...

Jamie Jennings, CAO/Vice President
 Academic Affairs

Oregon Institute of Technology

DocuSigned by:
Carleen Drago Starr 11/18/2021
25CA2B9EAB2949C...

Carleen Drago Starr, Director
 Educational Outreach and Partnerships

DocuSigned by:
Todd Breedlove 1/21/2022
D28880DF77C4D9...

Todd Breedlove, Department Chair
 Computer Systems Engineering Technology

DocuSigned by:
Tom Keyser 1/20/2022
1505B89AAE3447E...

Tom Keyser, Dean
 College of Engineering, Technology, and Management

DocuSigned by:
Wendy Ivie 12/28/2021
7221E888B193446...

Wendy Ivie
 University Registrar

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 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 Work Exp: Computer Technology Engineering	2	Elective ¹	--
Humanities (Arts and Letters) Elective ²	3	Humanities (Arts and Letters) Elective ²	3
MTH 111 - College Algebra	5	MATH 111 - College Algebra	4
MTH 112 - Elementary Functions	4	MATH 112 - Trigonometry	4
MTH 251 - Calculus I	4	MATH 251 - Differential Calculus	4
Science/Math/Computer Science ³			
MTH 252 - Calculus II	4	MATH 252 - Integral Calculus	4
PHY 211 - General Physics I (Calculus-based)	4	PHY 221 - General Physics with Calculus	4
PHY 211L - General Physics I Lab	1		
Social Science Electives ^{3,4}			
PSY 201A - General Psychology I ⁵	6	PSY 201 - Psychology ⁵	3
PSY 202A - General Psychology II ⁵		PSY 202 - Psychology (Satisfies Social Science Elective) ⁵	3
SPE 111 - Fundamentals of Speech	3	SPE 111 - Public Speaking	4
WRI 121 - English Composition I	4	WRI 121 - English Composition	4
WRI 227 - Technical Communication	4	WRI 227 - Technical Report Writing	4
Total KCC Degree Credits ¹	89	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 Software 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 Electives ³	6	Humanities Electives ³	6
MTH 254 - Vector Calculus	4	MATH 254 - Vector Calculus I	4
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
Social Science Elective ⁴	3	Social Science Elective ⁴	3
SPE 215 - Small Group Communication: Process and Theory	3	SPE 321 - Small Group and Team Communication ⁶	3
Additional KCC Degree Credits ¹	26	Additional Oregon Tech Degree Credits	24
Total KCC Degree Credits ¹	115	Total Oregon Tech Degree Credits	87

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

Oregon Institute of Technology Course Number & Title	Qtr. Units
ANTH 452 - Globalization	3
BUS 304 - Engineering Management	3
CST 136 - Object-Oriented Programming with C++	4
CST 211 - Data Structures	4
CST 223 - Concepts of Programming Language	3
CST 229 - Introduction to Grammars	3
CST 236 - Engineering for Quality Software	4
CST 238 - GUI Programming	4
CST 240 - Linux Programming	4
CST 250 - Computer Assembly Language	4
CST 276 - Software Design Patterns	4
CST 316 - Junior Team-Based Project Development I	4
CST 320 - Compiler Methods	4
CST 324 - Database Systems and Design	4
CST 326 - Junior Team-Based Project Development II	4

CST 334 - Project Proposal	1
CST 336 - Junior Team-Based Project Development III	4
CST 352 - Operating Systems	4
CST 412 - Senior Development Project	3
CST 415 - Computer Networks	4
CST 422 - Senior Development Project	3
CST 432 - Senior Development Project	2
MATH 327 - Discrete Mathematics	4
MATH 465 - Mathematical Statistics	4
MGT 345 - Engineering Economy	3
Technical Electives	9
WRI 350 - Documentation Development	3
Additional Oregon Tech Credits ⁷	100
Total Oregon Tech Degree Credits ⁸	187

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 BSOF.
2. Students can transfer up to nine (9) credit hours of Humanities electives into the BSOF; 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 BSOF, the listed course is recommended.
4. Students can transfer up to six (6) credit hours of Social Science electives into the BSOF; 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. Must take PSY 201A, 202A, and PSY 203A to receive credit for Oregon Tech's PSY 201, 202, 203 *or* PSY 201A and PSY 202A for Oregon Tech's PSY 201 and 202. PSY 203A will transfer to PSY 203.
6. Does not count toward the 60 upper-division credit requirement.
7. 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.
8. Oregon Tech's BSOF requires 189 credits.