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Oregon TECH
Oregon Institute of Technology

Klamath Community College
Associate of Applied Science in Cybersecurity and Networking
to
Oregon Institute of Technology
Bachelor of Science in Cybersecurity

Articulation Agreement
2022 - 2023 Catalog

It is agreed that students transferring with Klamath Community College's (KCC) Associate of Applied Science in Cybersecurity and Networking to Oregon Institute of Technology's (Oregon Tech) Bachelor of Science in Cybersecurity (BCYB) 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 June 20, 2022.

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. 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

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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 [1]	--
CIS 120 - Embedded C CIS 120L - Embedded C Lab	4	CST 120 - Embedded C [1]	--
CIS 126 - C++ Programming II CIS 126L - C++ Programming II Lab	4	CST 126 - C++ Programming II [1]	--
CIS 130 - Computer Organization	3	CST 130 - Computer Organization [1]	--
CIS 131 - Computer Architecture	3	CST 131 - Computer Architecture [1]	--
CIS 140 - Linux Fundamentals CIS 140L – Linux Fundamentals Lab	4	MIS 240 - Intro Linux OS Overage credit from CIS 284L	3 1
CIS 142 - Intro to Programming C# CIS 142L - Intro to Programming C#	4	MIS 118 - Intro to Programming in C#	4
CIS 145 - Hardware Installation Supp. CIS 145L - Hardware Installation Supp. Lab CIS 146 - Software Installation Supp. CIS 146L - Software Installation Supp. Lab	8	MIS 145 - Intro to PC Hardware/Software	4
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 153 - Scaling Networks CIS 153L - Scaling Networks Lab	4	Elective [1]	--
CIS 162 - Digital Logic Design CIS 162L - Digital Logic Design Lab	4	CST 162 - Digital Logic I [1]	4
CIS 275 - Database I CIS 275L - Database I Lab	4	MIS 275 - Intro to Relational Databases	4
CIS 279 - Network Operating Systems CIS 279L - Network Operating Systems Lab	4	MIS 273 - Systems Administration I	4
CIS 280 - Coop Work Exp: Computer Technology Engineering	2	Elective [1]	--
CIS 281 – Coop Work Exp: Computer Technology Engineer 2	2	Elective [1]	--
CIS 284 - Network Security Fundamentals CIS 284L - Network Security Fundamentals Lab	4	CYB 201 - Cybersecurity Fundamentals	3
CIS 285 - Cybersecurity Operations CIS 285L - Cybersecurity Operations Lab	4	Elective [1]	--
CIS 286 - Ethical Hacking CIS 286L – Ethical Hacking Lab	4	Elective [1]	--
TEX 280 – Coop Work Experience	1	Elective [1]	--
Humanities (Arts and Letters) Elective [2]	3	Humanities Elective [2]	3
MTH 111 - College Algebra [3]	5	MATH 111 - College Algebra	4

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Social Science Elective [3] ECO 201 - Principles of Economics: Microeconomics	3	ECO 201 - Principles of Microeconomics	3
WRI 121 - English Composition I	4	WRI 121 - English Composition	4
WRI 227 – Technical Writing	4	WRI 227 – Technical Writing	4
Total KCC Degree Credits [1]	97	Total Oregon Tech Degree Credits	41

Courses not required for Klamath Community College's AAS in Cybersecurity and Networking but are required for Oregon Tech's BS in Cybersecurity 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
BUS 206 - Management Fundamentals	3	BUS 215 - Principles of Management	3
BUS 211 - Financial Management	4	ACC 201 - Principles of Accounting I	4
BUS 213 - Managerial Accounting	4	ACC 203 - Principles of Managerial Accounting	4
BUS 223 - Principles of Marketing	3	BUS 223 - Marketing I	3
BUS 224 - Human Resource Management	3	BUS 349 - Human Resource Management I [4]	3
BUS 226 - Business Law I	3	BUS 226 - Business Law	3
BUS 229 – Project Management [4]	3	MGT 335 – Project Management	3
CAS 170 - Spreadsheets	3	MIS 102 - Spreadsheet Software Laboratory	1
CIS 154 - Connecting Networks CIS 154L - Connecting Networks Lab	4	MIS 251 - Networking Fundamentals	4
ECO 202 - Principles of Economics: Macroeconomics	3	ECO 202 - Principles of Macroeconomics	3
Humanities (Arts and Letters) [2]	3	Humanities Elective [2]	3
Lab Science Elective [5]	4	Lab Science Elective [5]	4
MTH 112 - Elementary Functions	4	MATH 112 - Trigonometry	4
MTH 243 - Statistics I MTH 244 - Statistics II	8	MATH 361 - Statistical Methods I [4]	4
SPE 111 - Fundamentals of Speech	3	SPE 111 - Public Speaking	4
SPE 215 - Small Group Communication: Process and Theory	3	SPE 321 - Small Group and Team Communication [4]	3
Additional KCC Degree Credits [1]	58	Additional Oregon Tech Degree Credits	53
Total KCC Degree Credits [1]	155	Total Oregon Tech Degree Credits	94

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

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Oregon Institute of Technology Course Number & Title	Qtr. Units
ACC 325 - Finance	4
ANTH 452 - Globalization	3
BUS 356 - Business Presentation	4
BUS 478 - Strategic Management	3
CYB 301 - Hacker Tools and Techniques	4
CYB 302 - System Defenses and Incident Response	4
CYB 303 - Security Operations and Analysis	4
CYB 351 - Network Security	4
CYB 411 - Managing Risk in Information Systems	3
MGT 321 - Operations Management I	3
MIS 218 - Intermediate Programming in C#	4
MIS 285 - Python Programming	4
MIS 311 - Intro to Systems Analysis	3
MIS 312 - Systems Analysis I	4
MIS 322 - Systems Analysis II	4
MIS 334 - Business Analytics	4
MIS 341 - Relational Database Design I	4
MIS 351 - Networking II	4
MIS 365 - Cloud Computing	4
MIS 495 - Senior Project Selection	1
MIS 496 - Senior Project Management	4
MIS 497 - Senior Project II	4
PHIL 331 - Ethics in the Professions or PHIL 342 - Business Ethics	3
PSY 347 - Organizational Psychology	3
WRI 327 - Advanced Technical Writing or WRI 350 - Documentation Development	3
Additional Oregon Tech Credits [6]	**89**
Total Oregon Tech Degree Credits [7]	**183**

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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 BCYB.

2. Students can transfer up to six (6) credit hours of Humanities electives into the BCYB; 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 BCYB, the listed course is recommended.

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

5. Students can transfer up to one (1) biological or physical sciences with lab course into the BCYB. Choose from the following KCC prefixes: BIO, CHE, GSC, or PH. Currently, ENV does **not** count as Lab Science.

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.

7. Oregon Tech's BCYB requires 183 credits.