

**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  
2017-2018 Catalog**

It is agreed that students transferring from Klamath Community College's (KCC) Associate of Applied Science degree in Computer Engineering Technology to Oregon Institute of Technology's (Oregon Tech) Bachelor of Science in Computer Engineering Technology (CET) 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 KCC and Oregon Tech and is subject to a yearly reevaluation by both schools for continuance. The agreement is dated November 1, 2017.

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.

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

### KCC 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	General elective <sup>1</sup>	--
CIS 120 Embedded C	4	CST 120 Embedded C	4
CIS 116 C++ Programming I	4	CST 116 C++ Programming I	4
CIS 126 C++ Programming II	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	4	General Elective <sup>1</sup>	--
CIS 146 Software Installation Support	4	General elective <sup>1</sup>	--
CIS 151 Network 1	4	General elective <sup>1</sup>	--
CIS 152 Network 2	4	General elective <sup>1</sup>	--
CIS 162 Digital Logic	4	CST 162 Digital Logic I	4
CIS 225 End User Support	4	General elective <sup>1</sup>	--
CIS 280 Cooperative Work Experience	2	General elective <sup>1</sup>	--
Arts and letters <sup>2</sup>	3	Humanities elective <sup>2</sup>	3
MTH111 College Algebra	5	MATH 111 College Algebra	4
MTH112 Elementary Functions	4	MATH 112 Trigonometry	4
MTH251 Calculus I	4	MATH 251 Differential Calculus	4
MTH252 Calculus II	4	MATH 252 Integral Calculus	4
PSY201A General Psychology	3	Social Science elective <sup>3</sup>	3
Social Science elective <sup>3</sup>	3	Social Science elective <sup>3</sup>	3
SPE111 Fundamentals of Public Speaking	3	SPE 111 Public Speaking	3
WR121 English Composition I	4	WRI 121 English Composition	3

WR122 English Composition II	4	WRI 122 Argumentative Writing	3
WR227 Technical Writing	4	WRI 227 Technical Report Writing	3
<b>Total KCC Degree Credits <sup>1</sup></b>	<b>88</b>	<b>Total Oregon Tech Degree Credits <sup>1</sup></b>	<b>59</b>

**Courses not required for KCC's AAS in Computer Technology, but required for Oregon Tech's Bachelor of Science in Computer Engineering Technology.  
 Can be taken at KCC or Oregon Tech.**

<b>Klamath Community College Course Number &amp; Title</b>	<b>Qtr. Units</b>	<b>Oregon Institute of Technology Course Number &amp; Title</b>	<b>Qtr. Units</b>
Humanities elective <sup>3</sup>	3	Humanities elective <sup>3</sup>	3
MTH254 Vector Calculus	4	MATH 254N Vector Calculus I	4
PH211 General Physics (Calculus Based) IV w/ Lab	5	PHY 221 General Physics with Calculus	4
PH212 General Physics (Calculus Based) IV w/ Lab	5	PHY 222 General Physics with Calculus	4
PH213 General Physics (Calculus Based) IV w/ Lab	5	PHY 223 General Physics with Calculus	4
Social Science elective <sup>2</sup>	3	Social Science elective <sup>2</sup>	3
<b>Additional KCC Credits</b>	<b>25</b>	<b>Additional Oregon Tech Degree Credits</b>	<b>22</b>
<b>Total KCC Credits <sup>1</sup></b>	<b>113</b>	<b>Total Oregon Tech Degree Credits <sup>1</sup></b>	<b>81</b>

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

<b>Oregon Institute of Technology Course Number &amp; Title</b>	<b>Qtr. Units</b>
ANTH 452 Globalization	3
BUS 304 Engineering Management	3
CST 133 Digital Logic II	4
CST 134 Instrumentation	1
CST 136 Object-Oriented Programming with C++	4
CST 204 Introduction to Microcontrollers	4
CST 231 Digital Systems Design I	4

CST 240 UNIX	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
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 464 RISC-Based Microprocessor Systems	4
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
Advanced MATH elective <sup>4</sup>	4
MGT 345 Engineering Economy	3
PHIL 331 Ethics in the Professions	3
SPE 321 Small Group and Team Communication	3
Technical elective (see advisor)	3
WRI 327 Advanced Technical Writing	3
<b>Additional Oregon Tech Credits <sup>5</sup></b>	<b>106</b>
<b>Total Oregon Tech Degree Credits Accumulated <sup>6</sup></b>	<b>187</b>

1. Excess credits will transfer to Oregon Tech as general elective credit; these credits will **not** be used toward the Bachelor of Science in Computer Engineering Technology Degree.
2. Select courses from the following prefixes KCC prefixes: ATH, ECO, GEO, HST, POL, PSY, SOC or others designated as Social Science Electives by the Oregon Tech Registrar's Office.
3. Select courses from the following KCC prefixes: ART, ENG, MUS, PHL, Second-Year Foreign Languages or others designated as Humanities by the Oregon Tech Registrar's Office. Please note that Oregon Tech only accepts 3 performance or studio based Humanities credits toward the 9 credit total.
4. Select from MATH 253N, MATH 465, MATH 341 or MATH 321.
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 and 45 credits must be from Oregon Tech.
6. Oregon Tech's Bachelor of Science in Computer Engineering Technology requires 187 total credits.