



Clackamas Community College
Associate of Applied Science in Microelectronics Systems Technology
to
Oregon Institute of Technology
Bachelor of Applied Science in Technology and Management

Articulation Agreement
2019 - 2020 Catalog

It is agreed that students transferring with Clackamas Community College's (CCC) Associate of Applied Science in Microelectronics Systems Technology to Oregon Institute of Technology's (Oregon Tech) Bachelor of Applied Science in Technology and Management (BTM) 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 CCC and Oregon Tech, and is subject to a yearly reevaluation by both schools for continuance. This agreement is dated April 6, 2020.

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

Clackamas Community College

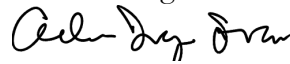


David Plotkin, Vice President
Instruction and Student Services

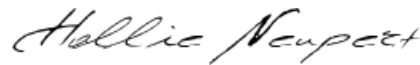


Jason Kovac, Dean
Institutional Effectiveness and Planning

Oregon Institute of Technology



Carleen Drago Starr, Director
Educational Outreach and Partnerships



Hallie Neupert, Department Chair
Business Management



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



Wendy Ivie
University Registrar

Clackamas Community College Degree Courses & Oregon Tech Equivalent Credits

Clackamas Community College Course Number & Title	Qtr. Units	Oregon Institute of Technology Course Number & Title	Qtr. Units
Associate of Applied Science AND			
EET 112 - Electronic Test Equipment and Soldering	3	Career Technical Elective Credits	60
EET 127 - Semiconductor Circuits I	4		
EET 137 - Electrical Fundamentals I	4		
EET 139 - Principles of Troubleshooting I	2		
EET 141 - Electrical Fundamentals II	4		
EET 142 - Electrical Fundamentals III	4		
EET 157 - Digital Logic I	3		
EET 230 - Laser and Fiber Optics	3		
EET 239 - Principles of Troubleshooting II	2		
EET 250 - Linear Circuits	3		
ESH 100 - Environmental Regulations	2		
Human Relations Requirement	3		
IMT 104 - Reading Schematics and Symbols	2		
IMT 215 - Electromechanical Systems I	2		
IMT 223 - Instrumentation and Controls	3		
IMT 233 - Programmable Logic Controllers I	3		
MFG 107 - Industrial Safety & First Aid	3		
MFG 109 - Computer Literacy for Technicians	3		
MFG 140 - Principles of Fluid Power	3		
MFG 209 - Programming and Automation for Manufacturing	3		
Program Electives	12		
SM 136 - Photolithography	2		
SM 150 - Semiconductor Processing I	2		
SM 160 - Semiconductor Processing II	2		
SM 170 - Semiconductor Processing III	2		
SM 229 - Vacuum Technology	2		
SM 280 - Electronics and Microelectronics/CWE	4		
CH 104 - Introductory Chemistry	5		
MTH 111 - College Algebra ²	5	MATH 111 - College Algebra	4
WR 121 - English Composition ²	4	WRI 121 - English Composition	3
Total CCC Degree Credits ³	99	Total Oregon Tech Degree Credits	71

Courses not required for Clackamas Community College's AAS in Microelectronics Systems Technology, but are required for Oregon Tech's BAS in Technology and Management and can be taken at CCC or Oregon Tech.

Clackamas Community College Course Number & Title	Qtr. Units	Oregon Institute of Technology Course Number & Title	Qtr. Units
BA 211 - Financial Accounting I	4	ACC 201 - Principles of Accounting I	4
BA 213 - Decision Making with Accounting Information	4	ACC 203 - Principles of Managerial Accounting	4
BA 206 - Management Fundamentals	4	BUS 215 - Principles of Management	3
BA 223 - Principles of Marketing	4	BUS 223 - Marketing I	3
BA 226 - Business Law I	4	BUS 226 - Business Law	3
COMM - 111 Public Speaking	4	SPE 111 - Public Speaking	3
CS 135S - Microsoft Excel	3	MIS 102 - Spreadsheet Software Laboratory	1
CS 275 - Database Design	3	MIS 275 - Introduction to Relational Databases	3
EC 201 - Principles of Economics: Micro	4	ECO 201 - Principles of Microeconomics	3
EC 202 - Principles of Economics: Macro	4	ECO 202 - Principles of Macroeconomics	3
Humanities Elective ⁴	6	Humanities Elective ⁴	6
Math/Science Elective ⁵	4	Math/Science Elective ⁵	4
WR 122 - English Composition	4	WRI 122 - Argumentative Writing	3
WR 227 - Technical Report Writing	4	WRI 227 - Technical Report Writing	3
Additional CCC Degree Credits ³	56	Additional Oregon Tech Degree Credits	46
Total CCC Degree Credits ³	155	Total Oregon Tech Degree Credits	117

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

All courses below are available online.

Oregon Institute of Technology Course Number & Title	Qtr. Units
ACC 325 - Finance	4
ANTH 452 - Globalization or HIST 452 - Globalization and the Pacific Northwest	3
BUS 349 - Human Resource Management I	3
BUS 356 - Business Presentations	4
BUS 457 - Business Research Methods II	3
BUS 441 - Leadership I	3

BUS 467 - Service Management	3
BUS 478 - Cases in Strategy and Policy	3
BUS 495 - Senior Project Proposal	3
BUS 496 - Senior Project	3
BUS 497 - Senior Project	3
MATH 361 - Statistical Methods	4
MGT 321 - Operations Management I	3
MGT 335 - Project Management	3
MGT 461 - Lean/Six Sigma Management I	3
MIS 206 - Introduction to Management Information Systems	3
PHIL 331 - Ethics in the Professions or PHIL 342 - Business Ethics	3
PSY 347 - Organizational Behavior	3
SPE 321 - Small Group and Team Communication	3
WRI 327 - Advanced Technical Writing	3
Additional Oregon Tech Credits ⁶	63
Total Oregon Tech Degree Credits ⁷	180

1. Students can transfer up to four (4) biological or physical sciences with lab into the BTM. Choose from the following CCC prefixes: BI, CH, G, PH, or Z. Currently, ENV does not count as Lab Science.
2. To maximize useable credits toward the BTM, the listed course is recommended.
3. 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 BTM.
4. Students can transfer up to six (6) credit hours of Humanities electives into the BTM; 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 CCC prefixes: ART, ENG, HUM, MUS, PHL, R, TA, or Languages (second year/200-level only).
5. Students can transfer up to four (4) credit hours of Math/Science electives into the BTM; these courses should be designated as Math/Science electives by Oregon Tech. Choose from the following CCC prefixes: BI, CH, G, MTH, PH, or Z.
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 BTM requires 180 credits.