



**Clackamas Community College
Associate of Applied Science in Welding 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 Welding Technology to Oregon Institute of Technology's (Oregon Tech) Bachelor of Applied Science in Technology and Management (BTM) 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 7, 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

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David Plotkin, Vice President
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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			
Human Relations requirement	3	Career Technical Electives	60
MFG 103 - Machining for Fabrication and Maintenance	3		
MFG 107 - Industrial Safety and First Aid	3		
MFG 109 - Computer Literacy for Technicians	3		
MFG 221 - Materials Science	3		
Program Electives	7		
WLD 100 - Welders' Print Reading I	3		
WLD 110 - Welder Certification	4		
WLD 111 - Shielded Metal Arc Welding (Stick) <i>or</i> WLD 111A and WLD 111B	8		
WLD 113 - Gas Metal Arc Welding/Flux-Core Arc Welding (Wirefeed) <i>or</i> WLD 113A and WLD 113B	8		
WLD 115 - Gas Tungsten Arc Welding (GTAW) <i>or</i> WLD 115A and WLD 115B	8		
WLD 200 - Welders' Print Reading II	3		
WLD 210 - Pipe Welding	4		
WLD 211 - Advanced Shielded Metal Arc Welding	4		
WLD 213 - Advanced Gas Metal Arc Welding/Flux Core Arc Welding	4		
WLD 215 - Advanced Gas Tungsten Arc Welding	4		
WLD 250 - Welding Fabrication I Beginning Project	4		
WLD 251 - Welding Fabrication II Intermediate Project	4		
WLD 252 - Welding Fabrication III Advanced Project	4		
WLD 280 - Welding Technology/CWE	4		
General Elective ¹			
COMM 111 - Public Speaking	4	SPE 111 - Public Speaking	3
MTH 111 - College Algebra ¹	5	MATH 111 - College Algebra	4
WR 121 - English Composition ¹	4	WRI 121 - English Composition	3
Total CCC Degree Credits ²	101	Total Oregon Tech Degree Credits	70

Courses not required for Clackamas Community College's AAS in Welding 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	BA 226 - Business Law	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 ³	6	Humanities Elective ³	6
Lab Science Elective ⁴	4	Lab Science Elective ⁴	4
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 ²	56	Additional Oregon Tech Degree Credits	47
Total CCC Degree Credits ²	157	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	3
BUS 349 - Human Resource Management I	3
BUS 356 - Business Presentations	4
BUS 441 - Leadership I	3
BUS 457 - Business Research Methods II	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. To maximize useable credits toward the BTM, the listed course is recommended.
2. 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.
3. 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).
4. 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.
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.