


**Clackamas Community College  
Associate of Applied Science in Business  
to  
Oregon Institute of Technology  
Bachelor of Science in Operations Management**

**Articulation Agreement  
2016- 2017 Catalog**


It is agreed that students transferring from Clackamas Community College (CCC), Associate of Applied Science in Business to Oregon Institute of Technology's (Oregon Tech) Bachelor of Science in Operations Management (OM) 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 May 1, 2016.

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. 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. Enrollment is possible according to an existing Memorandum of Understanding. 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.

By   
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**CCC Degree Courses & Oregon Tech Equivalent Credits**

<b>Clackamas 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>
BA 101 Introduction to Business	4	Operations Management electives	33
BA 104 Business Math	3		
BA 131 Introduction to Business Computing	4		
BA 205 Business Communications w/Technology	4		
BA 212 Financial Accounting II	4		
BA 217 Budgeting for Managers	3		
BA 224 Human Resource Management	4		
BA 280 Business /CWE	3		
BA 285 Human Relations in Business	4		
Business program elective	2		
PE/Health/Safety/First Aid requirement (see page 68)	1		
BA 206 Management Fundamentals I	4	BUS 215 Principles of Management	3
BA 211 Financial Accounting I	4	ACC 201 Principles of Accounting I	4
BA 213 Decision Making w/Accounting Information	4	ACC 203 Principles of Managerial Accounting	4
BA 223 Marketing Principles I	4	BUS 223 Marketing I	3
BA 226 Business Law I	4	BUS 226 Business Law	3
CS 135S Microsoft Excel <sup>1</sup>	3	MIS 102 Spreadsheet Software Laboratory	1
CS 135DB Microsoft Access <sup>1</sup>	3	MIS 113 Introduction to Database Systems	3
EC 201 Microeconomics <sup>1</sup> and EC 202 Macroeconomics <sup>1</sup>	4 4	ECO 201 Principles of Economics, Micro ECO 202 Principles of Economics, Macro	3 3
MTH 111 College Algebra <sup>1</sup>	5	MATH 111 College Algebra	4
MTH 243 Statistics I <sup>1</sup> and MTH 244 Statistics II <sup>1</sup>	4 4	MATH 361 Statistical Methods I <sup>2</sup>	4
COMM 111 Public Speaking <sup>1</sup>	4	SPE 111 Public Speaking	3
WR 121 English Composition	4	WRI 121 English Composition	3
WR 227 Technical Report Writing	4	WRI 227 Technical Report Writing	3
<b>Total CCC Degree Credits <sup>3</sup></b>	<b>95</b>	<b>Total Oregon Tech Degree Credits</b>	<b>77</b>

**Courses not required for CCC's Associate of Applied Science in Business, but are required for Oregon Tech's Bachelor of Science in Operations Management and can be taken at Clackamas or Oregon Tech.**

<b>Clackamas 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>
COMM 219 Small Group Communication	3	SPE 321 Small Group and Team Communication <sup>2</sup>	3
PSY 200 Psychology as Natural Science	4	PSY 201 Psychology	3

Humanities elective <sup>4</sup>	6	Humanities elective <sup>4</sup>	6
WR 122 English Composition	4	WRI 122 Argumentative Writing	3
Lab Science elective: any biology, chemistry or physical science courses with lab. <sup>5</sup>	4	Lab Science elective <sup>5</sup>	4
<b>Additional CCC credits <sup>3</sup></b>	<b>47-48</b>	<b>Additional Oregon Tech Degree credits</b>	<b>19</b>
<b>Total CCC Credits <sup>3</sup></b>	<b>144-145</b>	<b>Total Oregon Tech Degree Credits</b>	<b>96</b>

In addition to the above courses, the courses listed below are also required for the Bachelor of Science in Operations Management and are offered only by Oregon Tech.  
*All classes below are available online.*

Oregon Institute of Technology Course Number & Title	Qtr. Units
ACC 325 Finance	4
ANTH 452 Globalization or PSCI 326 World Politics in Transition	3
BUS 349 Human Resource Management I	3
BUS 356 Business Presentations	4
BUS 441 Leadership I	3
BUS 456 Business Research Methods 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	1
BUS 420 Applied Management Internship or BUS 496 Senior Project	2 3
BUS 497 Senior Project	3
MATH 371 Finite Mathematics and Calculus I	4
MGT 321 Operations Management I	3
MGT 322 Operations Management II	3
MGT 323 Operations Management III	3
MGT 335 Project Management	3
MGT 421 Quality Management	3
MGT 422 Materials Management	3

MGT 423 Logistics Management	3
MGT 461 Lean/Six Sigma Management I	3
MGT 462 Lean/Six Sigma Management II	3
MGT 463 Lean/Six Sigma Management III	3
MIS 206 Introduction to Management Information Systems	3
MIS 375 Decision Support Systems	3
PHIL 331 Ethics in the Professions	3
PSY 347 Organizational Behavior	3
WRI 327 Advanced Technical Writing	3
<b>Additional Oregon Tech Credits <sup>6</sup></b>	<b>84</b>
<b>Total Oregon Tech Degree Credits <sup>7</sup></b>	<b>180</b>

1. To maximize useable credits toward the OM degree, the listed course is recommended.
2. Does not count toward upper-division requirement.
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 Bachelor of Science in Operations Management Degree.
4. Students can transfer up to 6 credit hours of humanities electives into the Operations Management program. However, only 3 humanities credits can be studio/performance based. Choose from the following CCC prefixes: ART, ENG, HUM, MUS, PHL, Second-Year Foreign Languages, or TA.
5. The OM program requires one biological or physical science with lab. Choose from following CCC prefixes: BI, CH, G, GS, or PH.
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 Bachelor of Science in Operations Management requires 180 total credits.