

**Portland Community College
Medical Laboratory Technology program
to
Oregon Institute of Technology
Bachelor of Science in Medical Laboratory Science**

**Articulation Agreement
2017-18 Catalog**

It is agreed that students transferring with Portland Community College's (PCC) Medical Laboratory Technology Program Associate of Applied Science to Oregon Institute of Technology's (Oregon Tech) Bachelor of Science in Medical Laboratory Science will be given full credit for all selected courses listed below. Some additional General Education course work is listed in this agreement and must be satisfactorily completed prior to acceptance into the Medical Laboratory Science Program. This agreement is based on the evaluation of the rigor and content of the general education and technical courses at both PCC and Oregon Tech, and is subject to a yearly reevaluation by both schools for continuance. This agreement is dated May 30, 2017.

Under this agreement student must have successfully completed PCC's MLT program, passed the ASCP Board Certification for MLT and hold a current certification before beginning the MLS program. Students must meet all other MLS program and Oregon Tech admissions requirements. Required biology and chemistry prerequisite course work must be completed within the last seven years prior to program entrance. If required biology and chemistry courses have not been completed within the seven year limit then students will be required to take one chemistry and one biology course at the 200-level or above before entrance to the program. Completion of the MLT degree and certification does not guarantee admission into the competitive MLS program.

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 Admission 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 Portland Community College during the above catalog year. Students must enroll at Oregon Tech within three years of this approval or seek permission from the Oregon Tech MLS program to apply.

PCC Courses & Oregon Tech Equivalent Credits

Portland Community College Course Number & Title	Qtr. Units	Oregon Institute of Technology Course Number & Title	Qtr. Units
BI 121 Introduction to Anatomy & Physiology I	4	MLT prerequisite – at least 24 credit hours of Biological Science Lectures and Labs at 200 level or above MLT 261 and 262 Clinical Bacteriology I and II will meet the MLS prerequisite microbiology requirement	24
BI 122 Introduction to Anatomy & Physiology II	4		
MLT 113 – Introduction to Medical Microbiology	3		
MLT 120 Urinalysis	2		
MLT 241 Immunohematology I	3		
MLT 242 Immunohematology II	4		
MLT 251 Hematology I	4		
MLT 252 Hematology II	4		
MLT 261 Clinical Bacteriology I	3		
MLT 262 Clinical Bacteriology II	4		
MLT 230 Body Fluids	2		
MLT 253 Hemostasis	2		
MLT 265 Clinical Mycology and Parasitology	3		
CH 104 Allied Health Chemistry	5	MLT Prerequisite – at least 24 credit hours of Chemistry Lecture and Labs	23
CH 105 Allied Health Chemistry II	5		
CH 106 Allied Health Chemistry III	5		
MLT 224 Clinical Chemistry I	4		
MLT 225 Clinical Chemistry II	4		
MTH 95 – Intermediate Algebra	4	Electives 12 credits or more if needed will be used to fulfill the total credits needed for the Oregon Tech MLS Degree. Content in one or more of the MLT Clinical Laboratory Practice courses counts toward the 24 credits of Chemistry required.	12
MLT 105 Phlebotomy	1		
MLT 110 Introduction to Medical Laboratory Technology	4		
MLT 114 Laboratory Operations and Techniques	4		
MLT 115 Clinical Laboratory Mathematics	1		
MLT 266 Immunology and Infectious Serology	2		
MP 113 Provider CPR/AED First Aid/BBP	1		
MLT 271 Clinical Laboratory Practice I	2		
MLT 272 Clinical Laboratory Practice II	2		
MLT 273 Clinical Laboratory Practice III	9		
MLT 274 Clinical Laboratory Practice IV	9		
MLT 282 Clinical Seminar I	2		
MLT 283 Clinical Seminar II	2		
General Education (6 credit minimum) Social Science ²⁶	4	Social Science elective	4
Letters and Humanities ³⁶	4	Humanities elective	4
WR 121 English Composition ⁶	4	WRI 121 English Composition	3
Total PCC Credits ¹	108	Total Oregon Tech Degree Credits	70

Courses not required for PCC's Medical Laboratory Technology program but are required for Oregon Tech's Bachelor of Science in Medical Laboratory Science. Unless noted these courses can be taken at PCC or Oregon Tech. These courses are prerequisites for entrance into the MLS program.

Portland Community College Course Number & Title	Qtr. Units	Oregon Institute of Technology Course Number & Title	Qtr. Units
Arts & Letters ³	5	Humanities Elective ⁴	5
Social Science ²	8	Social Science Elective ³	8
MTH 111 College Algebra	5	MATH 111 College Algebra	4
MTH 243 Statistics I	4	MATH 243 Introductory Statistics	4
WR 122 English Composition	4	WRI 122 Argumentative Writing	3
WR 227 Technical and Professional Writing ⁷	4	WRI 227 Technical Report Writing	3
SP 215 Small Group Communication ⁷	4	SPE 321 Small Group and Team Communication	3
		WRI 327 Advanced Technical Report Writing ⁷ <i>Take at Oregon Tech</i>	3
SP 111 Fundamentals of Speech	4	SP 111 Fundamentals of Speech	3
BIO 287 Intro to Immunology <i>(PCC pre-requisite for this course is BIO 112 or BIO 211 and BIO 212)</i>	4	BIO 436 Immunology <i>(Oregon Tech pre-requisite for this course is BIO 211, BIO 212 and BIO 213 or BIO 231, BIO 232, and BIO 233 or instructor consent.)</i>	4
Additional PCC Credits	42	Additional Oregon Tech Degree Credits	40
Total PCC Credits ¹	150	Total Oregon Tech Degree Credits	110

In addition to the above courses, the courses listed below are also required for the Bachelor of Science in Medical Laboratory Science and are to be completed at Oregon Tech.

Oregon Institute of Technology Course Number & Title	Qtr. Units
MLS 415 Clinical Chemistry I	6
MLS 416 Clinical Chemistry II	6
MLS 417 Clinical Chemistry III	2
MLS 420 Clinical Immunology	5
MLS 422 Molecular Diagnostic Methods	3
MLS 424 Hemostasis	3
MLS 432 Foundations of MLS I	4
MLS 442 Hematology I	6
MLS 443 Immunohematology I	4

MLS 444 Microbiology I	6
MLS 445 Microbiology II	4
MLS 449 Principles of Urinalysis	3
MLS 452 Hematology II	5
MLS 453 Immunohematology II	3
MLS 457 Research Seminar	1
MLS 462 Foundations of MLS II	2
MLS 463 Foundations of MLS III	1
MLS 464 Medical Mycology & Virology	2
MLS 470 Chemistry and Immunology Externship	4
MLS 471 Hematology Externship	4
MLS 472 Microbiology Externship	4
MLS 473 Immunohematology Externship	3
MLS 474 Medical Parasitology	2
Additional Oregon Tech Credits ⁴	83
Total Oregon Tech Degree Credits Accumulated ^{4,5,6,7}	193-200

1. Excess credits will transfer to Oregon Tech as general elective credit;
2. Select courses from the following prefixes listed in PCC's Social Science: ATH, EC, GEO, HST, PS, PSY, SOC, and WS or others designated as Social Science Electives by the Oregon Tech Registrar's Office.
3. Select courses from the following prefixes listed in PCC's Arts and Letters Discipline Studies: ART, ENG, HUM, MUS, PHL, R, TA, 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. 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. 45 credits must be from Oregon Tech.
5. Oregon Tech's Bachelor of Science in Medical Laboratory Science requires 200 total credits.
6. Pre- requisites for MLT program
7. Pre-requisites for MLS Program