

Medical Laboratory Technology

Curriculum, A.A.S.



Term I Credits: 9

CHM 121	Introduction to General Chemistry	3
GEM XXX	General Education Mathematics	3
SPC 101	Fundamentals of Oral Communication OR Interpersonal Communication (SPC 122)	3

Term II Credits: 9-11

BIO 161	Basic Anatomy and Physiology	3
CSC 105	Computer Essentials	1
HSC 113	Medical Terminology	2
MLT 104	Laboratory Math	1
Option 1	Clinical Lab Fundamentals (MLT 115)	3
OR		
Option 2	MLT Fundamentals Bridge (MLT 114) AND Clinical Laboratory Basics I (MLT 135)	1 3
OR		
Option 3	Principles of Phlebotomy (MLT 112)	2

Term III Credits: 8.5-9.5

HSC 212	Pathophysiology	3
MLT 165	Medical Lab. Principles and Techniques	3.5
MLT 166	MLT Critical Analysis	1
Option 1	Clinical Lab Practicum I (MLT 180)	1
OR		
Option 2	Phlebotomy Clinical (PHB 270)	1
OR		
Option 3	CLA Practicum I (MLT 175) AND CLA Practicum II (MLT 176)	1 1

Term IV Credits: 11

CHM 132	Introduction to Organic and Biochemistry	4
MLT 232	Advanced Hematology and Coagulation	5
MLT 270	Immunology and Serology	2

Term V Credits: 13

MLT 120	Urinalysis	3
MLT 253	Parasitology and Mycology	2
MLT 261	Immunohematology	5
PSY 111	Introduction to Psychology	3

Term VI Credits: 10

MLT 245	Clinical Chemistry	5
MLT 255	Clinical Microbiology	5

Term VII Credits: 8

HSC 230	Employment Preparation	1
MLT 181	Clinical Lab Practicum II	6
MLT 296	Topics in Clinical Laboratory Science I	1

Term VIII Credits: 8

MLT 182	Clinical Lab Practicum III	6
MLT 290	Clinical Seminar and Review	2

Associate of Applied Science Degree

Total Credits: 76.5-79.5
Location: Ottumwa Campus
Start Term: Summer Term

The Medical Laboratory Technology program is accredited through the National Accrediting Agency for Clinical Laboratory Sciences, 5600 N. River Rd, Suite 720, Rosemont, IL 60018, (773) 714-8880. naacslinfor@naacsls.org

2019-2020 College Catalog and Student Handbook. Curriculum is subject to change.

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If you have questions or complaints related to compliance with this policy, please contact Director, Human Resources/Equity Coordinator (staff), 525 Grandview Ave, Ottumwa, IA 52501, (641) 683-5282, hrequity@indianhills.edu; Dean, Student Development (students), (641) 683-5159, studentsequity@indianhills.edu; Dean, Centerville Campus & Learning Services (students with disabilities), (641) 683-5174, learningservicesequity@indianhills.edu; U.S. Department of Education, Citigroup Center, 500 W. Madison, Suite 1475, Chicago, IL 60661, phone number (312) 730-1560, fax (312) 730-1576.

Clinical Laboratory Assistant

Curriculum, Diploma

Term I Credits: 12

BIO 161	Basic Anatomy and Physiology	3
CSC 105	Computer Essentials	1
HSC 113	Medical Terminology	2
Option 1	Clinical Laboratory Basics I (MLT 135)	3
OR		
Option 2	Principles of Phlebotomy (MLT 112) AND CLA Basics Bridge (MLT 113)	2 1
SPC 101	Fundamentals of Oral Communication OR Interpersonal Communication (SPC 122)	3 3

Term II Credits: 8

HSC 141	Pharmaceutical Applications	1
HSC 212	Pathophysiology	3
MLT 136	Clinical Laboratory Basics II	3
MLT 175	CLA Practicum I	1

Term III Credits: 8

HSC 227	CLA Administrative Procedures	2
HSC 230	Employment Preparation	1
MLT 137	Clinical Laboratory Basics III	3
MLT 176	CLA Practicum II	1
MLT 295	Topics in Clinical Laboratory Science I	1

Diploma

Total Credits: 28
Location: Ottumwa Campus
Start Term: Fall Term

Phlebotomy Technician

Curriculum, Certificate

Term I Credits: 8

BIO 161	Basic Anatomy and Physiology	3
HSC 113	Medical Terminology	2
HSC 230	Employment Preparation	1
MLT 112	Principles of Phlebotomy	2

Term II Credits: 1

PHB 270	Phlebotomy Clinical	1
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Certificate

Total Credits: 9
Location: Ottumwa Campus
Start Term: Winter Term

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