

LANSING COMMUNITY COLLEGE

CURRICULUM GUIDE

Histologic Technology
Associate in Applied Science Degree

Curriculum Code: 0923 (Effective Fall 2011 – Summer 2016)

Histologic Technicians work under the supervision of a pathologist to prepare tissue specimens for diagnosis. They perform gross tissue preparation and laboratory procedures to show microscopic structure. Histologic Technicians solve problems, demonstrate ethics and patient confidentiality, and use chemical safety and universal precautions. Histologic Technicians work together with laboratory personnel to provide doctors with information for making a diagnosis. To work in most laboratory facilities, Histologic Technicians must be certified by the American Society of Clinical Pathologists (ASCP), 33 West Monroe, Suite 1600, Chicago, Illinois, 60612-3798. This curriculum is intended for students who have been admitted to the joint LCC/Ingham Intermediate School District Histologic Technology Program. Curriculum is approved by the National Accrediting Agency for Clinical Laboratory Services (NAACLS), 410 W. Bryn Mawr Avenue, Suite 670, Chicago, Illinois, 60675-5634. **Not all courses in this program transfer to all colleges.** Students planning to transfer should see an academic advisor before enrolling in any course.

This is a selective admission program. In order to be considered as a candidate for this program, students must meet basic admission requirements beyond those required for admission to the College. Many of the courses for this program are open only to students officially admitted to the Histologic Technology Program.

PREREQUISITES

Students should see *Course Descriptions* or *Course Offerings* for course prerequisite information. See the *Assessment and Placement Testing* section for skills assessment and advising information.

INFORMATION

Contact the Science Department, Arts & Sciences Building, Room 301, telephone number (517) 483-1092 or the Ingham Intermediate School District at (517) 244-1357.

REQUIREMENTS FOR ADMISSION TO THE HISTOLOGIC TECHNOLOGY PROGRAM

For current information about admission requirements, students must contact the Science Department, Arts & Sciences Building, Room 301, telephone number (517) 483-1092, or the LCC Admissions Office, Gannon Building, Room 203, telephone number (517) 483-1254, or Roger Smith, Program Director, at rsmith@inghamisd.org, telephone number (517) 244-1357.

REQUIREMENTS

CODE	TITLE	TOTAL: 40 CREDITS CREDIT HOURS
BIOL 127	Cell Biology	4
BIOL 201	Human Anatomy	4
CHEM 151	General Chemistry Lecture I	4
CHEM 161	General Chemistry Lab I	1
CITF 110	Intro Computer Info Systems	3
MATH 112	Intermediate Algebra	4
SCIS 297	Independent Study in Science	4

Completion of the accredited Ingham Intermediate School District
Histologic Technology Program

16 Credits

Certification by the ASCP (See Note 1)

LIMITED CHOICE REQUIREMENTS

TOTAL: 27 CREDITS

Complete the indicated number of credits from **EACH CHOICE** listed below.

CHOICE 1: General Education Core Areas (See Note 2)

0 Credits

(See *General Education Core Requirements* for information on how to fulfill these requirements.

Core area proficiency exams, where appropriate, are available for each core area.)

Communication Core Area	0
Global Perspectives and Diversity Core Area	0
Mathematics Core Area	0
Science Core Area	0
Writing Core Area	0

CHOICE 2: Related Courses

11 Credits

BIOL 203	Microbiology	3
BIOL 204	Microbiology Laboratory	1
BIOL 270	Human Genetics	3
BIOL 275	Molecular Biology I	4
BIOL 276	Molecular Biology II	4
ISCI 275	Advanced Technology Workplace	4
MATH 121	Precalculus I	4
NANO 130	Introduction to Nanotechnology	4
PHYS 251	Physics I: Mechanics	5
SCIN 287	Science Technology Internship	4
STAT 170	Introduction to Statistics	3
STAT 215	Intro to Probability and Stats	4

CHOICE 3: Writing (Complete one course from each Subchoice)

8 Credits

Subchoice 3A

WRIT 121	Composition I	4
WRIT 131	Honors Composition I	4

Subchoice 3B

ENGL 122	Writ About Literature & Ideas	4
ENGL 132	Honors Writ-Literature & Ideas	4
WRIT 122	Composition II	4
WRIT 132	Honors Composition II	4

CHOICE 4: Mathematics (Complete one course from each Subchoice)

8 Credits

Subchoice 4A

MATH 151	Calculus I	4
MATH 161	Honors Calculus I	4

Subchoice 4B

MATH 152	Calculus II	4
MATH 162	Honors Calculus II	4

MINIMUM TOTAL

67

NOTES:

1. The specific histologic technique courses necessary to prepare for this certification must be taken at the Ingham Intermediate School District or students who have prepared for the certification exam in another program may apply for "Credit For Previously Acquired Knowledge and Learning Experience." See the "Student Records" section of the LCC catalog.

2. Students completing "REQUIREMENTS" have fulfilled the requirements for these Core areas.

SUGGESTED COURSE SEQUENCE

Students should see course descriptions to find out when departments plan to offer courses. Students who for any reason are unable to follow the course sequence suggested below (for example, those who are part-time, have transferred in courses from another school, or have prerequisites to fulfill) should contact an academic advisor for help with adjustments.

I	II	III	IV
SCIS 297	CHEM 151	BIOL 127	BIOL 201
	CHEM 161	CITF 110	Lim. Ch. 2
	MATH 112	Lim. Ch. 2	Lim. Ch. 2
	Lim. Ch. 2	Lim. Ch. 3	Lim. Ch. 3
		Lim. Ch. 4	Lim. Ch. 4