

HISTOTECHNICIAN

COLLEGIATE CERTIFICATE

The primary objective of the Histotechnician certificate program is the education of students to become competent Histotechnicians who not only have a thorough understanding of theory but who can also utilize such information in a laboratory situation, sometimes relying on her/his own judgment. Qualified by academic and applied science education, Histotechnicians provide service and research in histotechnology and related areas. Upon successful completion, graduates will be able to pursue entry-level positions in hospital laboratories, private or pharmaceutical laboratories, research laboratories and State laboratories. Graduates of this program will be eligible to take the national examination given by the American Society of Clinical Pathology (ASCP), which leads to certification as a Histotechnician (HT). Graduates possessing a baccalaureate degree may be eligible to sit for the Histotechnologist (HTL) national examination. See program director or academic advisor for more information.

Admission Requirements

1. Complete the application for admission into Goodwin College. Applicants to the histotechnician program must first meet the requirements for admission and be accepted into Goodwin College.
2. Complete the Histotechnician Program Application. An official high school transcript or proof of GED and official college transcripts must accompany this application. A signed attestation that applicant possesses the ability to perform the tasks as stated in the Essential Functions of a Histotechnician must also be included.
3. Complete the required College Placement Evaluations. Applicants must qualify for ENG 099 Reading/Writing Connection or provide proof of completion of college-level ENG 099 equivalent or higher and for MATH 101, Algebra I in order to enter the histotechnician program.
4. Complete the following prerequisite courses with a "C-" or better:
 - a. Chemistry – High School chemistry or college equivalent.
 - b. Biology – High school biology or college equivalent.
 - c. Math - High school or college equivalent.
5. Interview with the Program Director. Satisfactory scores on the CLEP examinations are also acceptable in meeting these requirements.

If necessary admission courses are in progress, acceptance will be conditional upon submission of an official transcript immediately upon completion.

Program Outcomes

Upon successful completion of all program requirements, graduates will be able to:

1. Receive and accession tissue specimens;
2. Prepare tissue specimens for microscopic examinations, including all routine procedures;
3. Assist with gross examination and frozen section procedures in histopathology;
4. Identify tissue structures and their staining characteristics;
5. Perform preventive and corrective maintenance of equipment and instruments or refer to appropriate sources for repairs;
6. Recognize factors that affect procedures and results, and take appropriate action within predetermined limits when corrections are indicated;
7. Perform and monitor quality control within predetermined limits;
8. Demonstrate professional conduct and interpersonal communication skills with patients, laboratory personnel, other health care professionals, and with the public;
9. Exercise principles of management, safety, and supervision;
10. Recognize the responsibilities of other laboratory and healthcare professionals and interact with them with respect for their jobs and patient care;
11. Recognize and act upon individual needs for continuing education as a function of growth and maintenance of professional competence.

*Placement evaluations will determine the sequencing of courses.
Additional courses may be required.
The suggested sequencing for full-time students is shown below.*

Course No.	Title	Credits
First semester		
HLT 102*	Introduction to Histology	3
MED 101	Medical Terminology	3
BIO 103	Human Anatomy & Physiology I	3
HLT 110*	Histology Techniques	3
MED 111	Medical Law & Ethics	<u>3</u>
		15
Second semester		
HLT 111*	Basic Staining & Fixation	4
HLT 112*	Histology Laboratory I	3
HLT 210*	Staining II	3
HLT 211*	Histology Laboratory II	2
BIO 104	Human Anatomy & Physiology II	<u>3</u>
		15
Third semester		
HLT 290*	Histology Clinical Experience	7
HLT 230*	Histology Capstone & Seminar	<u>3</u>
		10
Total Credits in Program		40

**These core histology courses require a "C+" or better to fulfill the program requirements and graduation requirements.*