

North Hennepin Community College

HTN 1001: Histotechniques I

A. COURSE DESCRIPTION

Credits: 4

Lecture Hours/Week: *.*

Lab Hours/Week: *.*

OJT Hours/Week: *.*

Prerequisites:

This course requires both of these prerequisites

BIOL 1001 - Biology I (Minimum grade: 1.67 GPA Equivalent)

HTN 1000 - Clinical Laboratory Basics

Corequisites: None

MnTC Goals: None

This course will introduce current theory and practice in histotechnology including specimen processing and preservation, tissue embedding, histology instrumentation, microtomy, and the theory of routine H&E staining.

Prerequisite: Biol 1001

B. COURSE EFFECTIVE DATES: 08/21/2006 - Present

C. OUTLINE OF MAJOR CONTENT AREAS

1. Fundamentals and practice of specimen receiving and accessioning, fixation of tissue, processing of tissue, paraffin-embedding of tissue, microtomy of embedded tissue, routine tissue staining, cover-slipping of slides, labeling and storage of slides and blocks.

D. LEARNING OUTCOMES (General)

1. The student should be able to demonstrate knowledge and application of fundamental histological techniques in the areas of:
 - Specimen receiving and accessioning
 - Fixation, processing, and embedding of tissue
 - Microtomy of embedded tissue
 - Routine staining and cover-slipping of slides
 - Labeling and storage of slides and blocks

E. Minnesota Transfer Curriculum Goal Area(s) and Competencies

None

F. LEARNER OUTCOMES ASSESSMENT

As noted on course syllabus

G. SPECIAL INFORMATION

None noted