

# 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