

North Hennepin Community College

HTN 2003: Histotechniques III

A. COURSE DESCRIPTION

Credits: 3

Lecture Hours/Week: *.*

Lab Hours/Week: *.*

OJT Hours/Week: *.*

Prerequisites: None

Corequisites: None

MnTC Goals: None

This course is a continuation of Histotechnique II with emphasis on additional reagents used for techniques previously covered, maintenance of instrumentation, slide preparation, and processing of biopsy specimens.

Prerequisites: HTN 1002

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

C. OUTLINE OF MAJOR CONTENT AREAS

1. Principles of alternative chemical reagents used for fixation, dehydration, clearing, filtration, and embedding will be introduced. Types of mounting media and cover-slipping techniques for microscope slides will be covered. Processing of biopsy tissue specimens and techniques for decalcification of bone will be introduced.

D. LEARNING OUTCOMES (General)

1. The student should be able to demonstrate knowledge and application of histological techniques in the areas of:
 - Chemical reagent applications
 - Processing microscope slides
 - Processing biopsy tissues
 - Decalcification of bone

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

None

F. LEARNER OUTCOMES ASSESSMENT

As noted on course syllabus

G. SPECIAL INFORMATION

None noted