

HIGHER EDUCATION PERSONNEL BOARD

Specification for Class

Class Code: 4737

ELECTRON MICROSCOPE TECHNICIAN II

Abolished Effective June 1, 2005

BASIC FUNCTION

Prepare and examine specimens applying specialized electron microscopy techniques such as thin sectioning, staining thin sections on grids. Provide information about procedures to others in the laboratory. Assess electron microscope and equipment malfunctions.

DISTINGUISHING CHARACTERISTICS

Under general direction, perform and apply electron microscopy techniques making independent examination of clinical material; instruct post-doctoral fellows, technicians, students, or others in laboratory procedures;

TYPICAL WORK

Instruct post-doctoral fellows, technicians, or student helpers in laboratory procedures;

Examine clinical specimens by transmission electron microscopy; recognize tissue type; apply specialized electron microscopy techniques such as thin sectioning, staining thin sections on grids;

Implement new procedures; conduct literature searches and adapt techniques to specific hospital and research needs;

Maintain quality control and quality assurance;

Maintain laboratory equipment such as ultra-microtomes, knife makers, balances, and dark room equipment;

Perform the work duties of Electron Microscope Technician I;

Perform related duties as required.

MINIMUM QUALIFICATIONS

An Associate's degree in a science-related field AND two years of technical experience in an electron microscope laboratory OR equivalent education/experience.

New Class: 10-12-73
Revise Class: 10-6-89