**Laboratory Assistant**

**DEFINITION:**

Under limited supervision of a staff or faculty employee, a student performs all or part of the following duties:

(a) Supervises and trains laboratory aides.

(b) Reviews and evaluates the work of laboratory aides.

(c) Performs standard technical procedures, including staining, evaporating, measuring materials, compounding, centrifuging, titrating, and filtering.

(d) Conduct autopsies, noting any abnormalities.

(e) Creates video, audio, photo, and pencil sketches.

(f) Adjusts, calibrates, replaces broken parts, and generally keeps a wide variety of laboratory equipment in good repair.

**BASIC QUALIFICATIONS:**

Two (2) academic years (four semesters) as a laboratory aide and advanced courses in the discipline involved or comparable experience.

**QUALIFICATIONS FOR STARTING AT STEP B:**

Three (3) academic years (six semesters) as a laboratory aide and advanced courses in the discipline involved or comparable experience.

**LEARNING OUTCOMES**:

- Show awareness of own strengths and areas for development.
- Display curiosity; seek out opportunities to learn.
- Seek and embrace development opportunities.
- Understand the importance of and demonstrate verbal, written, and non-verbal/body language abilities.
- Frame communication with respect to the diversity of learning styles, varied individual communication abilities, and cultural differences.
- Ask appropriate questions for specific information from supervisors, specialists, and others.
- Promptly inform relevant others when needing guidance with assigned tasks.
- Gather and analyze information from a diverse set of sources and individuals to fully understand a problem.
- Accurately summarize and interpret data with an awareness of personal biases that may impact outcomes.
Laboratory Assistant

- Effectively communicate actions and rationale, recognizing the diverse perspectives and lived experiences of stakeholders.
- Multi-task well in a fast-paced environment.
- Actively contribute to inclusive and equitable practices that influence individual and systemic change.
- Keep an open mind to diverse ideas and new ways of thinking.
- Demonstrate flexibility by adapting to diverse environments.
- Use innovative thinking to go beyond traditional methods.
- Plan, initiate, manage, complete, and evaluate projects.
- Seek out and leverage diverse resources and feedback from others to inform direction.
- Prioritize and complete tasks to accomplish organizational goals.
- Have attention to detail, resulting in few, if any, errors in their work.
- Be accountable for individual and team responsibilities and deliverables.
- Collaborate with others to achieve common goals.
- Navigate change and be open to learning new technologies.
- Manipulate information, construct ideas, and use technology to achieve strategic goals.
- Inspire, persuade, and motivate self and others under a shared vision.
- Serve as a role model to others by approaching tasks with confidence and a positive attitude.
- Motivate and inspire others by encouraging them and by building mutual trust.

*Learning outcome descriptions from the National Association of Colleges and Employers (NACE).