

Delaware Technical & Community College
Allied Health/Science Department
Histotechnician Technology Program
Wilmington Campus
Employer Example Essential Functions

Code: 078.261.030

Title: Histotechnologist (histologic technologist)

“The histotechnologist: Prepares histologic slides from tissue sections for microscopic examination and diagnosis by PATHOLOGIST (medical ser.) 070.061-010; Prepares sections of human or animal tissue for immediate examination, using rapid tissue processing and frozen section technique to freeze, cut, mount and stain tissue specimen received from surgery; Operates computerized laboratory equipment to fix, dehydrate, and infiltrate with wax, tissue specimens to be preserved for study by PATHOLOGIST (medical ser.); Prepares slides of specimens, using specified stain, to enhance visibility under microscope; Examines slides under microscope to ensure tissue preparation meets laboratory requirements; May study slides under microscope to detect deviations from norm and report abnormalities for further study; and May supervise activities of laboratory personnel and be known as Supervisor, Histology (medical ser.).” (Dictionary of Occupational Titles, 1991)

For consideration of a career as a histotechnologist, individuals should have strong interests in the sciences as well as the ability to work with equipment.

Physical Demands

- Light Work: exerting 20 pounds of force occasionally and /or 10 pounds of force frequently and/or a negligible amount of force constantly to move objects.
- Physical demand requirements are in excess of those for Sedentary Work.
- Ability to walking or standing to a significant degree.
- Ability to sit most of the time but entails pushing and/or pulling of arm or leg controls.

- Ability to work at a production rate pace entailing the constant pushing and/or pulling of materials even though the weight of those materials is negligible.
NOTE: The constant stress and strain of maintaining a production rate pace, especially in an industrial setting, can be and is physically demanding of a worker even though the amount of force exerted is negligible.

Educational Demands

- Apply principles of logical or scientific thinking to define problems, collect data, establish facts, and draw valid conclusions. Interpret an extensive variety of technical instructions in mathematical or diagrammatic form. Deal with several abstract and concrete variables.
- Ability to read literature, book and play reviews, scientific and technical journals, abstracts, financial reports, and legal documents.
- Ability to write novels, plays, editorials, journals, speeches, manuals, critiques, poetry, and songs.
- Ability to converse in the theory, principles, and methods of effective and persuasive speaking, voice and diction, phonetics, and discussion and debate.
- Ability to deal with system of real numbers; linear, quadratic, rational, exponential, logarithmic, angle and circular functions, and inverse functions; related algebraic solution of equations and inequalities; limits and continuity; and probability and statistical inference.
- Ability to deduce axiomatic geometry, plane and solid, and rectangular coordinates.
- Ability to handle practical application of fractions, percentages, ratio and proportion, measurement, logarithms, slide rule, practical algebra, geometric construction, and essentials of trigonometry.

References

1. Dictionary of Occupational Titles (4th Ed., Rev. 1991).

The Federal American's with Disabilities Act (ADA) bans discrimination of persons with disabilities. In keeping with this law, DTCC, Wilmington campus makes every effort to ensure quality education for all students. However, we feel obligated to inform students of the essential functions demanded by our program.

I have read and understand the Student Essential Functions of the Histotechnician Technology Program.

Student Signature

Date

700-

Printed Name

Student ID #

2008