

## MEDICAL LABORATORY TECHNICIAN

RAPIDS: 0323D

O\*NET/SOC: 29-2012.00

REVISION DATE: 09/2019

**TRADE DESCRIPTION:** Perform routine medical laboratory tests for the diagnosis, treatment, and prevention of disease. May work under the supervision of a medical technologist. \*\*\*\*NOTE\*\*\*\*: Completion of this Apprenticeship DOES NOT LICENSE nor does it guarantee that the Apprentice will be entitled to challenge or be allowed to take the State licensing/certification exams. Each State is sovereign and controls their own licensing procedures. Completion of this program documents that an individual has specific work experience in particular skill areas and has completed an Apprenticeship program for this Trade.

**TASK PERFORMANCE:** Demonstrate knowledge and skills for qualifying as Journeyman. Applicable Job Qualification Requirements will be used as a guide in performing tasks and demonstrating knowledge in the following skill areas. Actual work time must be recorded in the Work Experience Log; each skill area must be completed.

### Applicable Ratings/MOS/NEC

**USMC MOS:** None

**USCG:** None

**USN:** HA, HM, HN, L31A

**USA MOS:** None

### Related Instruction:

Trade related On-The-Job-Training (OJT) or Any Trade related schools/courses totaling 288 or more hours.

### Additional Requirement:

Must hold NEC 8506 or L31A

Total Hours: **4000**

Skill	Description	Hours
<b>A</b>	<b>COLLECT BIOLOGICAL SPECIMENS FROM PATIENTS</b> -- Collect blood or tissue samples from patients, observing principles of asepsis to obtain blood sample. -- Obtain specimens, cultivating, isolating, and identifying microorganisms for analysis/	<b>650</b>
<b>B</b>	<b>HEMATOLOGY</b> --Conduct blood tests for transfusion purposes and perform blood counts. -- Examine cells stained with dye to locate abnormalities. -- Consult with a pathologist to determine a final diagnosis when abnormal cells are found.	<b>500</b>
<b>C</b>	<b>PREPARE BIOLOGICAL SPECIIMENS FOR LABS</b> -- Prepare standard volumetric solutions or reagents to be combined with samples, following standardized formulas or experimental procedures. -- Inoculate fertilized eggs, broths, or other bacteriological media with organisms. -- Cut, stain, and mount tissue samples for examination by pathologists.	<b>650</b>
<b>D</b>	<b>RESEARCH/TRAIN/SUPERVISE</b> -- Supervise or instruct other technicians or laboratory assistants. -- Perform medical research to further control or cure disease.	<b>400</b>
<b>E</b>	<b>CHEMISTRY</b> -- Conduct chemical analysis of body fluids, such as blood or urine, using microscope or automatic analyzer to detect abnormalities or diseases and enter findings into computer. -- Analyze the results of tests or experiments to ensure conformity to specifications, using special mechanical or electrical devises. -- Test raw materials, processes, or finished products to determine quality or quantity of materials or characteristics of a substance. -- Analyze and record test data to issue reports that use charts, graphs, or narratives.	<b>1000</b>
<b>F</b>	<b>ROUTINE MAINTENANCE</b> -- Sep up, maintain, calibrate, clean, and test sterility of medical laboratory equipment.	<b>800</b>