

EMPLOYABILITY PROFILE

Medical Laboratory Assisting and Phlebotomy

3589 Big Ridge Rd
Spencerport, NY 14559

Student:
Academic Year:
Home District:

N/A - Not Applicable / No Exposure
1 - Unsatisfactory
2 - Needs Improvement
3 - Meets Expectations
4 - Exceeds Expectations

Career Readiness

Attendance _____

Punctuality _____

Appropriate Workplace appearance _____

Takes Initiative _____

High Quality of work _____

Knowledge of workplace ethics _____

Responsive to supervisor _____

Effective Communication skills _____

Solves problems _____

Makes decisions _____

Cooperates with others _____

Resolves conflict _____

Observes critically _____

Takes responsibility for learning _____

Reads with understanding _____

Solves problems using math _____

Complies with health and safety rules _____

Uses technology appropriately _____

General Laboratory Skills

Demonstrate use of pH meter _____

Demonstrate the ability to perform titration _____

Demonstrate effective use of micropipettes _____

Demonstrate how to use math to create solution for the laboratory _____

Demonstrate ability to follow a detailed multi-step procedure with no errors _____

Demonstrate ability to write and follow a standard operating procedure (SOP) _____

Demonstrate effective use of serological pipettes _____

Demonstrate maintaining laboratory notebook _____

Demonstrate ability to perform serial dilution of a sample _____

Demonstrate estimation of size of cells under a microscope _____

Lab Maintenance

Demonstrate preparation of reagents _____

Demonstrate maintenance of laboratory equipment _____

Maintain control of inventory using electronic inventory database _____

Ensure that supplies are stored appropriately _____

Recognize and report contamination _____

Microbiology

Demonstrates proper isolation and aseptic technique _____

Demonstrate basic microbiological staining _____

Demonstrate biochemical tests using plate media, in tubes or on slides _____

Demonstrate proper culturing of bacterial cells _____

Demonstrate how to make and pour sterile media using an autoclave _____

Demonstrate use of a spectrophotometer to determine cell concentration _____

Demonstrate proper wet mounting of a sample onto a slide _____

Lab Safety & Infection Control Practices

Implements infection control and safety practices _____

Carry out preparation of a 10% bleach solution _____

Interprets SDS and NFPA hazard rating into safe laboratory practice _____

Complies with government mandated safety practices _____

Clinical Specimen Collection

Integrate OSHA bloodborne pathogen and needle stick safety into collection technique _____

Use SOPs in proper collection and preservation of clinical lab samples _____

Selection of blood tubes based on additives and requested tests _____

Demonstrate vital sign, blood pressure measurements _____

Demonstrate venipuncture using different types of collection equipment _____

Select appropriate & alternative sites for venipuncture _____

Demonstrate dermal (capillary) puncture _____

Demonstrates proper urine collection _____

Legal & Ethical Responsibilities

Demonstrates informed consent _____

Demonstrates maintaining patient confidentiality _____

Demonstrate the patient identification process _____

Demonstrate compliance with medical laboratory regulating agencies _____

Demonstrate compliance with OSHA regulations for the laboratory _____

Data Analysis

Create a data table in excel to organize and statically analyze data _____

Use graph to show trends in data using excel _____

Able to label genes using bioinformatics tools _____

Urinalysis

Perform physical & chemical examination of urine, using dipsticks _____

Interpret results of urine examination _____

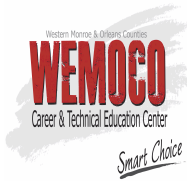
Specimen Processing

Select samples that need to be rejected or recollected _____

Demonstrate following SOP for labeling and transport _____

Demonstrate specimen processing and aliquoting _____

Execute usage of centrifuge and compound microscope _____



EMPLOYABILITY PROFILE

Phlebotomy and Laboratory Science

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Genetic Testing Skills

- Carry out a polymerase chain reaction (PCR) protocol _____
- Carry out a restriction digestion protocol and analyze using DNA gel electrophoresis _____
- Generate a standard curve using DNA size standard and extrapolate results _____

Anatomy & Physiology

- Integration of common medical terminology into vocabulary _____
- Apply knowledge of anatomy to clinical lab samples _____
- Apply knowledge of types of blood samples to tube selection _____
- Integrate understanding of heart and kidney anatomy into knowledge through dissection _____

Blood Testing

- Determine patient hematocrit _____
- Determine blood glucose using a POCT meter _____
- Perform POCT coagulation testing _____
- Demonstrate POCT blood type testing _____
- Demonstrate use of a comprehensive metabolic panel using POCT analyzer _____

Customer Service Skills

- Demonstrate proper phone and electronic communication technique _____
- Demonstrate proper patient registration including demographics/insurance _____
- Demonstrate proper patient registration including demographics/insurance into electronic medical records database _____
- Demonstrate entering patient test results and creation of an invoice using electronic medical records database _____