UTAH SYSTEM OF HIGHER EDUCATION

Utah System of Higher Education
Clinical Lab Assistant
FY2027 / 13 Credits (390 Clock-Hours)

Foundational Courses

Aligned

TECL 1010 Introduction to Healthcare **2 Credits / 60 Clock-Hours**

An overview of the medical assistant profession and its role in the healthcare environment, introduction to the legal and ethical issues within the healthcare setting, basic principles of psychology and the impact of ethnic cultures in healthcare.

Objectives:
• Define the history of medicine, the role of the medical assistant, medical specialties, credentialing and personal attributes of healthcare personnel.
• Define and use legal and ethical standards in healthcare.
• Demonstrate how to comply with HIPAA regulations.
• Demonstrate how to communicate with patients of various cultures in healthcare settings.

TECL 1020 Administrative Healthcare Procedures **2 Credits / 60 Clock-Hours**

Provides training in proficient medical office communication and administrative skills, the fundamentals of beginning and tracking a patient record using both paper and electronic medical record (EMR) software.

Objectives:
• Demonstrate reception, general office duties, appointment scheduling and written communication in a healthcare setting.
• Create patient records and demonstrate correct filing.
• Perform appointment scheduling, patient registration and medical record maintenance electronically.

TECL 1030 Basic Healthcare Procedures **2 Credits / 60 Clock-Hours**

Provides guidelines to learn and apply standards of CDC and OSHA in regard to personal safety, asepsis, standard precautions and handling of biohazard wastes.

Objectives:
• Explain the transmission of disease.
• Differentiate aspects of medical asepsis and sterilization.
• Apply CDC and OSHA guidelines for personal safety and asepsis while performing aseptic and sterilization techniques and procedures.
• Obtain accurate vital signs using correct procedures.

TECL 1040 Clinical Lab Procedures I — 4 Credits / 120 Clock-Hours

Provides phlebotomy theory and skill performance, understanding of basic concepts, safety and procedures of clinical lab. Learn proper handling and performance of CLIA waived hematology/serology labs and proper specimen handling and performance of microbiology and urinalysis testing.

Objectives:
• Define anatomy of venous structures and successfully perform technically correct and safe venipuncture using vacutainer, butterfly, syringe techniques and correctly process the specimen.
• Define and demonstrate basic concepts of clinical lab procedures, safety and proper use of the microscope.
• Define and demonstrate CLIA waived testing in hematology and serology.
• Define and demonstrate laboratory testing in microbiology and urinalysis.

TEMA 1080 Medical Terminology — 2 Credits / 60 Clock-Hours

Medical Terminology provides instruction on how to interpret and understand the technical language of medicine. Students learn the basic structure of medical terms including prefixes, suffixes, word roots, special endings, plural forms, abbreviations, and symbols. Emphasis is placed on the correct spelling, definition, application, and pronunciation of each term.

Objectives:
• Identify the four types of word parts in forming medical terms.
• Demonstrate construction of medical terms by correctly spelling, pronouncing, defining, and identifying selected terms.
• Identify and apply acceptable medical abbreviations.
• Use knowledge of word parts to define unfamiliar medical terms.

TEMA 1410 Workplace Preparation — 1 Credit / 30 Clock-Hours

Workplace Preparation provides instruction on necessary certifications and preparation to enter the healthcare workforce including First Aid, CPR, application for employment, and preparation for final exam.

Objectives:
• Demonstrate first aid techniques.
• Demonstrate Healthcare Provider level CPR as defined by the American Heart Association.
• Identify and explain personal employment qualifications.
• Assemble documents needed as part of the job application process.
• Apply knowledge gained throughout training program for successful completion of final exam.