

Boone County Career and Technical Center
3505 Daniel Boone Parkway, Suite B
Foster, WV 25053

Medical Laboratory Assisting

Clinical Specialties:

Medical Laboratory and Diagnostic Procedures WVEIS 0755

Medical Laboratory Procedures and Application WVEIS 0756

Instructor: Angela Weikle, (AMT), MLT

Phone: 304-369-4585

Email: A.Weikle@k12.wv.us

Office Hours: Monday -Friday 10:30 am -11:00 am and 2:00 pm – 2:45pm

Clinical Component: To be earned and completed before testing the national exam.

Total Hours of Clinical: 80 Hours

Total Hours of Didactic: 108 Hours offered

Total Hours for overall course: 180 Hours

Prerequisites:

Foundations of Health Science WVEIS 0711*

Advanced Principles of Health Science WVEIS 0715*

**Note: A minimum course completion score of 80% is required to progress to next courses.*

Title IX ADA 504 Notice

Boone Career & Technical Center (BCTC) does not discriminate on the basis of race, color, religion, national origin, gender, sexual orientation, disability, age, or marital status in any of its policies, procedures or practices as required by Title IX, Section 504, and ADA regulations. For inquiries concerning Title IX, please contact the BCS Safe Schools Director Anthony Tagliente at 304-369-8276 or ataglient@k12.wv.us. For inquiries concerning 504/ADA, please contact the Director of Exceptional Children Mary Knapp, at 304-369-8245 or mknapp@k12.wv.us. Inquiries may also be submitted in writing to the following Director's at Boone County Schools 69 Avenue B Madison, WV 25130.

Course Description

In this course, the Medical Laboratory Assistant student will be introduced to procedures in the hematology, coagulation, and microbiology departments of the laboratory. Additional content within this course includes measurement and assessment, metrics and measurements, communication skills, legal and ethical issues, medical and surgical asepsis, microbiology techniques, and body structure and functions. Students will utilize problem-solving

techniques and participate in hands-on activities to develop an understanding of course concepts.

The instructional content will focus on advanced procedures necessary for entry-level employment in the physician's office and the medical laboratory. Course content will include blood bank and serology procedures, basic chemistry procedures, fecal testing, and electrocardiography. Additional instruction will provide students with key employability skills for job seeking and keeping. Eligible students will participate in a clinical externship and upon successful completion will prepare for credentialing, postsecondary education, and/or employment opportunities. Students will utilize problem-solving techniques and participate in hands-on activities to develop an understanding of course concepts.

Teaching Methods:

Lecture	Homework Assignments
Instructor Demonstration	Teamwork Assignments
Technical Skills Practice	Clinical Specialty Assignments
Professional Portfolio	Clinical Externship
Written Exams & Quizzes	Community Service Participation

Basic Course Requirements:

1. The Health Science Student Handbook contains important information about course requirements. There are several required forms for the Health Science Education Program. These forms can be found in the Appendix and should be completed and returned during the first week of classes.
2. Students are required to bring the following items to class daily: 3-ring binder, paper, pencils and black or blue ink pens, and the assigned textbook.
3. Immunization Records, including Hepatitis B Vaccinations. An up-to-date immunization record must be on file with the instructor before the student will be approved for clinical externship.
4. Students must have current First Aid and CPR for the Professional Rescuer or BLS for the Health Care Provider Certifications for clinical externship.
5. All students must pass a drug screening test before entering the health care facility. Students who fail the drug test or refuse to undergo drug screening will be removed from the program.

Grading and Evaluation:

1. Daily attendance and participation in class activities, exams, quizzes, skills labs, assignments and clinical externship will be graded. Students who do not complete the required number of classroom and/or clinical externship will not be eligible to attain certifications.
2. Participation in skills lab is required. Students must demonstrate competence in assigned skills and will receive a grade upon completion of each skill.
3. Incomplete work will not be accepted. Late work will be lowered by one letter grade for each day that the assignment is late.

4. FINAL EXAMINATION: An End-of-Course Exam will be given at the end of each semester.
5. Instructional Support (IS) tutoring will be provided to any student who requires assistance. There is no cost for this service.
6. When the instructor observes cheating on the part of the student, the case shall be handled in accordance with the following procedures:
 - a. The instructor has the authority to give the student the grade of “F” on the assignment involved in the cheating or a grade of “F” in the course.
 - b. The instructor will submit to the principal, within three (3) days from the time the cheating occurred, a written report, along with the physical evidence, stating the facts of the case and the action taken by the instructor.
7. The instructor has the authority to make beneficial changes in assignments and point values for the assignments as situations throughout the course may change.

.GRADING SCALE:

A=90-100%

B=80-89%

C=70-89%

D=60-79%

F= 0-59%