

# Medical Laboratory Technology

*Associate in Applied Science*



The Medical Laboratory Technology curriculum is designed to prepare selected students for employment, upon graduation and certification, as Medical Laboratory Technicians.

Positions for Medical Laboratory Technicians are available in laboratories for hospitals, physicians' office laboratories, health department laboratories, private laboratories, and industrial medical laboratories.

Admission is competitive and based on grades, performance on the College's placement tests, interviews, and demonstrated interest in pursuing a career in an allied health care field. High school or equivalent prerequisites courses prior to entering the program include two years of mathematics (one of which must be algebra), and one year of laboratory science.

Clinical experience in the medical laboratory of selected health care facilities is provided. The student will be expected to purchase uniforms and provide transportation to hospitals and to at least one annual professional meeting and at least one annual professional workshop.

Students admitted to the program must complete a health record form and obtain up-to-date immunizations. Accepted students will also be required to sign a liability release form prior to admission. Certain personal and physical attributes are key to success in the profession. These may include good general health, good vision (with correction), mobility, and good manual dexterity.

**Central Virginia Community College**

call (434)-832-7800

AA/EEO/ADA • VTDD (434) 832-7701



This program is offered in cooperation with Centra Health. While CVCC will award an AAS degree to qualified students, each must complete a coordinated internship at Centra Health over the summer following graduation in order to qualify to take a national certification examination.

The Centra Health Certificate Medical Laboratory Technology program is accredited by the National Accrediting Agency for Clinical Laboratory Sciences (NAACLS).

## Medical Laboratory Technology — Degree Requirements

Course No.	Course Title	First Year	
		1st Sem.	2nd Sem.
CHM 111-112	College Chemistry I-II	4	4
	Social Science Elective <sup>1</sup>	3	3
BIO 101	General Biology <sup>2</sup>	4	-
ENG 111	College Composition I	3	-
	Humanities Elective <sup>1</sup>	3	-
SDV 100	Orientation	1	-
BIO 205	General Microbiology	-	3
MTH 146	Introduction to Elementary Statistics <sup>3</sup>	-	3
	Computer Elective <sup>4</sup>	-	3
<b>Total</b>		<b>18</b>	<b>17</b>

Course No.	Course Title	Second Year	
		1st Sem.	2nd Sem.
MDL 261-262	Clinical Chemistry and Instrumentation I-II	4	4
HLT 141	Introduction to Medical Terminology	2	-
MDL 110	Urinalysis and Body Fluids	3	-
MDL 125	Clinical Hematology I	3	-
MDL 215	Immunology	2	-
MDL 235	Mycology	2	-
MDL 236	Parasitology and Virology	2	-
MDL 216	Blood Banking	-	4
MDL 225	Clinical Hematology II	-	4
MDL 237	Clinical Bacteriology	-	4
MDL 281	Clinical Correlations	-	1
<b>Total</b>		<b>18</b>	<b>17</b>

**Minimum credits required to graduate** **70**

<sup>1</sup> See course catalog for available courses.

<sup>2</sup> BIO 141 may substitute for BIO 101.

<sup>3</sup> MTH 163 may be substituted for MTH 146.

<sup>4</sup> Select from BUS 226 Computer Business Applications or ITE 115 Introduction to Computer Applications and Concepts.