

APPLIED LABORATORY TECHNOLOGY

The Applied Laboratory Technology program provides training and academic instruction that enables students to become competent, effective lab technicians able to work in the areas of quality control, quality assurance, and chemical analysis in environmental testing, food processing, and industrial manufacturing.

The technical certificate in Applied Laboratory Technology is currently inactive. Students who have previously earned this certificate may return to pursue the Associate of Applied Science degree.

Instructor
Patricia McCreary

Applied
Laboratory
Technology

Curriculum in Applied Laboratory Technology **Associate of Applied Science Degree in General Technology**

Course Number	Course Name	Semester Hours
1st Semester		
ALT 1104	Introduction to Applied Microbiology	4
ALT 1112	Government Regulations	2
ALT 1122	Food Science	2
ALT 1132	Introduction to Quality Control	2
ENGL 1013	Composition I	3
MATH 1113	College Algebra	3
	Total	16
2nd Semester		
ALT 1202	Introduction to Statistical Process Control	2
ALT 1203	Introduction to Chemistry	3
ALT 1212	Food Grades and Standards	2
ALT 1214	Applied Food/Environmental Microbiology	4
COMS 2003	Microcomputer Applications	3
	Total	14
3rd Semester		
ALT 1301	Food Sanitation	1
ALT 1311	Industrial Safety in ALT	1
BIOL/PHSC 1004	Principles of Environmental Science	4
BUS 1043	Professional Communications	3
CHEM 2124	General Chemistry I	4
ENGL 1023	Composition II	3
	Total	16

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Continued

**4th
Semester**

	Any Approved Social Science ¹	3
ALT 2904	Internship	4
BIOL 1014	Introduction to Biological Sciences	4
BUS 1053	Spreadsheets	3
	Total	14

¹ See appropriate alternatives or substitutions in
"General Education Requirements" on page 25