Name of Degree/Diploma or Certificate	Biotechnology Laboratory Technician		Open Admissions Associates in Applied Science (AAS)
Coordinator Contact Information	Name	Deborah Davis	
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The Biotechnology Laboratory Technician AAS program provides the basic knowledge and laboratory skills needed to prepare for entry level jobs in university, government, pharmaceutical or industrial biotechnology laboratories. Graduates of the program will be able to seek employment in biotechnology laboratories such as biomanufacturing, quality control, quality assurance, research and development, and regulatory bioscience. The program has been designed to develop skills in basic analysis of biological molecules (DNA and proteins), use of bioreactors, recombinant DNA technology, generation of cell cultures, immunological method applications, regulatory compliance (GMPs and GLPs), accurate documentation, and laboratory safety skills. The Basic Biotechnician certificate introduces hands-on laboratory training needed for entry-level employment in a biotechnological laboratory. The Advanced Biotechnician certificate provides practical laboratory skills to supplement theoretical knowledge to improve employability in the biotechnology industry. Some courses are dual credit and college credit can be earned while students are enrolled in secondary school.

Recommended Sequencing		Courses	Date Complete
	First Year, Fall	• BTN 101 Introduction to Biotechnology • MAT 110 Applied Mathematics • ENG 101 Writing I • Technical Support [1] • Science with Laboratory[2]	
	First Year, Spring	• BTN 201 Biotechnology Techniques I • BTN 202 Biotechnology Techniques II • Heritage/Humanities/Foreign Language • Technical Support[1]	
	Second Year, Fall	• BTN 110 Nucleic Acid Methods • BTN 201 Cell Culture and Function • Behavioral Science/Social Interaction • Computer Literacy[3] • Technical Support[1]	
	Second Year, Spring	• BTN 220 Immunological Methods • Electives[4] • Technical Support[1] • COE 199 Cooperative Education OR • BIO 299 Selected Topics in Biology OR • CHE 295 Selected Topics in Chemistry Laboratory OR • CHE 299 Laboratory Research in Chemistry	
Notes &	[1] Refer to the college catalog for a list of approved technical courses or contact the		

Additional Information	program coordinator. [2] One semester of college biology with lab, or college chemistry with lab, or course approved by the program coordinator. [3] Computer literacy must be demonstrated either by competency exam or by successfully completing a computer literacy course. [4] Any course in the college catalog. Students may want to consider science-related courses, although any college approved course will satisfy this requirement.