

FORENSIC TECHNICIAN CERTIFICATE

Division: Natural Sciences

PROGRAM CODES: 2C44381

The Forensic Technician Certificate will prepare a student to work in entry-level positions in biotech and forensic science-related industries. This program is focused on practical laboratory skills with training in a working laboratory setting that specializes in the forensic area. Employment opportunities include: forensic labs, biomedical industry, academic research labs, pharmaceutical industry, agriculture and food science labs. The Forensic Technician Certificate requires 23.5 units in required courses, with a grade of C or better in each course. Completion of CHEM 101 F or CHEM 107 F can be satisfied by achieving a passing score on the Chemistry Proficiency Examination (please contact the Natural Sciences Division Dean for further details).

Code	Title	Units
Required Courses (23.5 units):		
AJ 092 F	Crime Scene Investigation	1
AJ 093 F	DNA Genetic Fingerprinting	0.5
AJ 222 F	Rules of Evidence	3
AJ 230 F	Crime Scene Techniques	3
BIOL 190 F	Introduction to Biotechnology	3
BIOL 190LF	Introduction to Biotechnology Lab	1
BIOL 191 F	Biotechnology A - Basic Laboratory Skills	4
CHEM 101 F	Chemistry for Allied Health Science	5
or CHEM 107 F	Preparation for General Chemistry	
PHOT 112 F	Introduction to Professional Digital Photography	3
Total Units		23.5

Program Level Student Learning Outcomes

OUTCOME 1: Demonstrate an understanding of the professions available in the biotechnology, molecular biosciences, and the forensic science industry.

OUTCOME 2: Demonstrate an understanding of laboratory safety regulations, recognize potential hazards, and practice safe and proficient use of laboratory equipment.

OUTCOME 3: Demonstrate hands-on proficiency in basic molecular biology laboratory techniques.

OUTCOME 4: Demonstrate in-depth theoretical knowledge in forensic science practices, such as trace evidence analysis, DNA identification, forensic microscopy, chain of custody procedures, and expert witness courtroom testimony.

OUTCOME 5: Demonstrate ability to effectively collect, process and document evidence, as well as communicate results and provide expert courtroom testimony.