

Program Planning Guide

Forensic Science Certificate (C5518C)

Program Length: 2 semesters

Career Pathway Options: Associate in Applied Science Degree in Criminal Justice Technology-Forensic Science; Certificate in Forensic Science

Program Sites: Lee Main Campus – Day and Evening; Harnett Main Campus - Day

Suggested Course Schedule:	HOURS			Grade	Semester	Notes
	Class	Lab	Credit			
1st Semester (Fall)						
CJC 144	Crime Scene Processing	2	3	3		
CJC 245	Friction Ridge Analysis	2	3	3		
		4	6	6		
2nd Semester (Spring)						
CJC 146	Trace Evidence	2	3	3		
CJC 221	Investigative Principles	3	2	4		
CJC 246	Advanced Friction Ridge Analysis	2	3	3		
		7	8	10		

Total Semester Hours Credit: 16

Course Descriptions:

CJC 144 Crime Scene Processing 2-3-3

This course introduces the theories and practices of crime scene processing and investigating. Topics include legal considerations at the crime scene, processing indoor and outdoor scenes, recording, note taking, collection and preservation of evidence, and submission to the crime laboratory. Upon completion, the student should be able to evaluate and search various crime scenes and demonstrate the appropriate techniques.

CJC 146 Trace Evidence 2-3-3

This course provides a study of trace evidence as it relates to forensic science. Topics include collection, packaging, and preservation of trace evidence from crime scenes such as bombings, fires, and other scenes. Upon completion, students should be able to demonstrate the fundamental concepts of trace evidence collection, preservation, and submission to the crime laboratory.

CJC 221 Investigative Principles 3-2-4

This course introduces the theories and fundamentals of the investigative process. Topics include crime scene/incident processing, information gathering techniques, collection/preservation of evidence, preparation of appropriate reports, court presentations, and other related topics. Upon completion, students should be able to identify, explain, and demonstrate the techniques of the investigative process, report preparation, and courtroom presentation.

CJC 245 Friction Ridge Analysis 2-3-3

This course introduces the basic elements of fingerprint technology and techniques applicable to the criminal justice field. Topics include the history and meaning of fingerprints, pattern types and classification, filing sequence, searching, and referencing. Upon completion, students should be able to discuss and demonstrate the fundamental techniques of basic fingerprint technology.

CJC 246 Advanced Friction Ridge Analysis 2-3-3

Prerequisite: CJC 245

This course introduces the theories and processes of advanced friction ridge analysis. Topics include evaluation of friction ridges, chart preparation, comparative analysis for valued determination rendering proper identification, chemical enhancement, and AFIS preparation and usage. Upon completion, students must show an understanding of proper procedures for friction ridge analysis through written testing and practical exercises.