



COURSE OUTLINE: NRL210 - INTRO APP FORENS SCI

Prepared: James Pardy

Approved: Karen Hudson, Dean, Community Services and Interdisciplinary Studies

Course Code: Title	NRL210: INTRODUCTION TO APPLIED FORENSIC SCIENCE
Program Number: Name	5006: NAT RES/ENV LAW-INSP
Department:	NATURAL RESOURCES PRG
Academic Year:	2024-2025
Course Description:	In this course you will examine the requirements of a continuing investigation. You will learn the rules of evidence and develop the ability to apply these rules in the collection and presentation of evidence in court. Forensic requirements, statute law and other related issues will be emphasized. You will be introduced to various forms of physical evidence and the evidentiary value of physical evidence.
Total Credits:	3
Hours/Week:	3
Total Hours:	42
Prerequisites:	There are no pre-requisites for this course.
Corequisites:	There are no co-requisites for this course.
Substitutes:	PFP404
Vocational Learning Outcomes (VLO's) addressed in this course:	5006 - NAT RES/ENV LAW-INSP VLO 6 Familiarize the student with the laws of evidence and judicial procedures. VLO 7 Provide instruction on the proper use of legal documents, the proper techniques used while investigating a common type of offence, the keeping of proper notes, collecting and preserving of evidence and the preparation of crown briefs.
Essential Employability Skills (EES) addressed in this course:	EES 1 Communicate clearly, concisely and correctly in the written, spoken, and visual form that fulfills the purpose and meets the needs of the audience. EES 2 Respond to written, spoken, or visual messages in a manner that ensures effective communication. EES 4 Apply a systematic approach to solve problems. EES 5 Use a variety of thinking skills to anticipate and solve problems. EES 6 Locate, select, organize, and document information using appropriate technology and information systems. EES 7 Analyze, evaluate, and apply relevant information from a variety of sources. EES 9 Interact with others in groups or teams that contribute to effective working relationships and the achievement of goals. EES 11 Take responsibility for ones own actions, decisions, and consequences.
Course Evaluation:	Passing Grade: 50%, D



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A minimum program GPA of 2.0 or higher where program specific standards exist is required for graduation.

Books and Required Resources:

Martin's Annual Criminal Code 2024 - Student Edition by Greenspan
Publisher: Thomson Reuters
ISBN: 9781668715116

Course Outcomes and Learning Objectives:

Course Outcome 1	Learning Objectives for Course Outcome 1
1. Identify the provisions of the Charter of Rights applicable to the gathering and admission of evidence into the court.	1.1 Explain the rights of suspects and the obligations of peace officers as contained in section 10 of the Charter regarding the gathering of evidence 1.2 Explain the requirements that must be met to comply with the rights and obligations set out in section 8 of the Charter regarding the search for and seizure of evidence 1.3 Explain the legal rights and obligations set out in section 9 of the Charter regarding the evidence obtained during detention 1.4 Explain, in the context of section 24 of the Charter, the remedies available to the court regarding evidence obtained in violation of the Charter of Rights and Freedoms
Course Outcome 2	Learning Objectives for Course Outcome 2
2. Identify and explain the types of evidence available.	2.1 Explain the standard of proof and burden of proof required to prove a Criminal/ Provincial offence 2.2 Identify the types of evidence that may be used to prove an offence 2.3 Explain the basic rules that govern the admissibility of evidence 2.4 Identify how evidence is used to prove the facts in issue required to prove identified criminal offences.
Course Outcome 3	Learning Objectives for Course Outcome 3
3. Explain how evidence is weighed by the courts.	3.1 Explain relevant and material evidence within the context of a Criminal/Provincial prosecution 3.2 Explain the probative verses the prejudicial value of evidence 3.3 Define and identify direct and circumstantial evidence 3.4 Identify situations where corroborative evidence is required or not required
Course Outcome 4	Learning Objectives for Course Outcome 4
4. Identify factors that determine the weight and admissibility of evidence.	4.1 Define hearsay evidence 4.2 Identify the exceptions to the admissibility of hearsay evidence



	4.3 Explain opinion evidence 4.4 Identify the exceptions to the opinion evidence rule 4.5 Explain expert opinion evidence 4.6 Explain the conditions under which expert opinion evidence may be admissible 4.7 Explain character evidence and the rules governing the admission of character evidence
Course Outcome 5	Learning Objectives for Course Outcome 5
5. Recognize crime scenes and containment areas.	5.1 Describe how a crime scene should be secured 5.2 Identify potential hazards that may be found at crime scenes 5.3 Explain and apply the concept of continuity of evidence
Course Outcome 6	Learning Objectives for Course Outcome 6
6. Identify potential sources of physical evidence.	6.1 Fingerprint evidence 6.2 DNA evidence 6.3 Blood spatter 6.4 Impression evidence 6.5 Firearm evidence 6.6 Trace evidence

Evaluation Process and Grading System:

Evaluation Type	Evaluation Weight
Assignments	15%
Final Exam	40%
Lab Activity	20%
Mid-Term Exam	25%

Date:

June 21, 2024

Addendum:

Please refer to the course outline addendum on the Learning Management System for further information.

