



COURSE OUTLINE: NRL210 - INTRO APP FORENS SCI

Prepared: James Pardy

Approved: Sherri Smith, Chair, Natural Environment, Business, Design and Culinary

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| Course Code: Title | NRL210: INTRODUCTION TO APPLIED FORENSIC SCIENCE |
| Program Number: Name | 5006: NAT RES/ENV LAW-INSP |
| Department: | NATURAL RESOURCES PRG |
| Academic Year: | 2022-2023 |
| 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. |
| <small>Please refer to program web page for a complete listing of program outcomes where applicable.</small> | |
| 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.

Course Outcomes and Learning Objectives:

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| <p>Course Outcome 1</p> <p>Identify the provisions of the Charter of Rights applicable to the gathering and admission of evidence into the court.</p> | <p>Learning Objectives for Course Outcome 1</p> <p>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</p> |
| <p>Course Outcome 2</p> <p>Identify and explain the types of evidence available.</p> | <p>Learning Objectives for Course Outcome 2</p> <p>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.</p> |
| <p>Course Outcome 3</p> <p>Explain how evidence is weighed by the courts.</p> | <p>Learning Objectives for Course Outcome 3</p> <p>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</p> |
| <p>Course Outcome 4</p> <p>Identify factors that determine the weight and admissibility of evidence.</p> | <p>Learning Objectives for Course Outcome 4</p> <p>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</p> |



| | may be admissible 4.7 Explain character evidence and the rules governing the admission of character evidence | | | | | | | | | | |
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| Course Outcome 5 | Learning Objectives for Course Outcome 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 | | | | | | | | | | |
| 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: | <table border="1"> <thead> <tr> <th>Evaluation Type</th> <th>Evaluation Weight</th> </tr> </thead> <tbody> <tr> <td>Assignments</td> <td>15%</td> </tr> <tr> <td>Final Exam</td> <td>40%</td> </tr> <tr> <td>Lab Activity</td> <td>20%</td> </tr> <tr> <td>Mid-Term Exam</td> <td>25%</td> </tr> </tbody> </table> | Evaluation Type | Evaluation Weight | Assignments | 15% | Final Exam | 40% | Lab Activity | 20% | Mid-Term Exam | 25% |
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| Date: | June 30, 2022 | | | | | | | | | | |
| Addendum: | Please refer to the course outline addendum on the Learning Management System for further information. | | | | | | | | | | |