



JUSTICE INSTITUTE OF BRITISH COLUMBIA COURSE OUTLINE

Division: Sheriff Academy, Sheriff Services

Program: Threat Management

Course Code: TM174

Course Title: Infrastructure Vulnerability Assessment

	New Course		Revised Course
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Previous Course Code & Title:

Course Effective Date:

Course Level:

	First Year		Second Year		Third Year		Fourth Year
	Other:						

	Required		Elective	# Of Credits: 2.5
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Delivery Method:

	Method	Hrs
X	Face to Face	40
	Online	
	Correspondence	
	Simulation / Lab	
	Practicum	

Is this course delivered only online? Yes No # Hours

Comments:



Pre-requisites:

Equivalent Course(s) within the JIBC:

Transfer Credit Exists at: (List Institutions)

Course Description:

The course is designed to educate the candidates on how to conduct vulnerability assessments of critical infrastructures in order to eliminate, minimize or mitigate risks. The candidate will be performing an assessment of a selected site and will be evaluated on his/ her assessment.

Grading System:

Check whichever applies to this course: (if applicable)

<input type="checkbox"/>	Letter Grades	<input type="checkbox"/>	Percentage	<input type="checkbox"/>	Pass/Fail	<input type="checkbox"/>	Credit/No Credit
<input type="checkbox"/>	Complete/Incomplete	<input type="checkbox"/>	Attendance Only				

Passing Grade: 80%

Grading Scale:

Letter Grade	Grade Points	% Range	Letter Grade	Grade Points	% Range
A+	4.33	90-100	C+	2.33	64-67
A	4.00	85-89	C	2.00	60-63
A-	3.67	80-84	C-	1.67	56-59
B+	3.33	76-79	D	1.00	50-55
B	3.00	72-75	F	0.00	0-49
B-	2.67	68-71			

Evaluation - Activities and Weighing: (complete the %'s which apply – total must equal 100%)

Final Exam	50%	Assignments	30%	Project	%	Capstone Project	%
Midterm Exam	%	Portfolio	%	Participation	20%	Other	%
Quizzes/Test	%	Simulations	%	Practicum	%		

Comments:

Course Goals:

The candidates will be introduced to methods for conducting a vulnerability assessment, process for evaluating the risks and tools required for an effective vulnerability assessment.



Learning Objectives:

Upon successful completion of this course, the participant will be able to:

- Articulate the need for a vulnerability assessment
- Conduct a thorough and objective vulnerability assessment
- Identify risks
- Evaluate the risks
- Provide mitigation strategies for the risks
- Craft a comprehensive report of the assessment

Course Topics/Content:

- Why conduct a vulnerability assessment
- Conducting the assessment
 - Process
 - Tools and equipment
- Identifying and evaluating risks
- Preparing the Vulnerability Assessment report

Text and Resource Materials: ([APA Style Guidelines](#))

Required	Author Surname, Initials - Title	Date Published	Current Edition	Place of Publication	Chapter(s) Covered
1.					
2.					
3.					
4.					
5.					

Comments and Course Policies:

This course is designed for anyone involved with critical infrastructure management or tasked with ensuring the continuous conduct of business. The ideal class size would be 12 to 15 candidates. While not a prerequisite, previous CPTED Training would be helpful to the candidate.

This course is normally delivered at the Justice Institute of B. C., but can be delivered anywhere in the province where there is access to a suitable provincial facility for practical training.



Other Notes:

Minimum number of students: 8 }
Maximum number of students: 16 } Divisible by 3 or 4

Class Times: 08:30 – 16:30

To view the Justice Institute of BC Policies listed below, visit:

<http://www.jibc.bc.ca/studentServices/main/AcademicServices/policies.htm>

Access Policy

Harassment Policy

Prior Learning Assessment Policy

Student Code of Conduct

Academic Appeals Policy

Intellectual Property Rights Policy

Research on Human Subjects: Ethics

Student Records