



JIBC Intelligence Analysis and Tactical Criminal Analysis Graduate Certificate Program Overview

Each graduate certificate program consists of five courses which are delivered entirely online one per semester sequentially and takes approximately 18 months to complete. The classes are asynchronous so students can access the course material 24/7, without having to login at a specific time. However, the courses are not independent or self-study. Each course is comprised of 13 weekly learning modules with pre-established due dates for assignments, discussion postings, and projects. Students typically log into the course at least three times per week and spend a minimum of 7-12 hrs per week participating in discussions, readings, exercises, and assignments.

Each class has a faculty member assigned to assist students with their needs including clarification on modules, mark assignments and provide feedback. In addition to Blackboard communication, faculty are also available by phone or email.

The Intelligence Analysis program schedule is as follows:

- INTL-5100 Intelligence Theories & Applications
- INTL-5800 Intelligence Communications
- INTL-5200 Advanced Analytical Techniques
- INTL-5400 Competitive Intelligence
- INTL-5260 Analyzing Financial Crimes

The Tactical Criminal Analysis program schedule is as follows:

- INTL-5100 Intelligence Theories & Applications
- INTL-5800 Intelligence Communications
- INTL-5200 Advanced Analytical Techniques
- INTL-5760 Tactical Criminal Intelligence
- INTL-5370 Advanced Methodologies for Tactical Criminal Intelligence

There is one intake per year in September with approximately 15-20 students per cohort.

Course Descriptions:

INTL-5100 Intelligence Theories and Applications

Credits: 3

Course Description:

Intelligence Theories and Applications integrate intelligence theory with methodology and processes that have evolved over time to assist the intelligence professional. The course provides a broad spectrum of learning tools through which you will develop a range of advanced research and thinking skills fundamental to the intelligence analysis process. Learning activities include course notes, readings, individual assignments, a team Wiki, simulated exercises and online discussions.

Course Goal(s):

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

Discuss and work within the discipline of intelligence and its various functions, processes, and dilemmas to a level sufficient to allow for the study of more specialized intelligence topics.

Produce an intelligence product that meets the needs of a decision maker and employs various analytic methodologies.

Learning Outcomes:

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

1. Articulate key concepts in national security, criminal intelligence, and business intelligence
2. Describe the intelligence process and its various stages
3. Identify important issues in the Canadian Intelligence Community
4. Assess issues in intelligence such as counterintelligence, covert action, policymaking, oversight and accountability, ethics, failure, and reform
5. Develop a conceptual model, intelligence collection plan, and a database in the preparation of an intelligence product
6. Construct a link analysis chart, and analyze hypotheses using the Analysis of Competing Hypotheses methodology and appropriate software tool
7. Produce an Intelligence Memorandum

Course Topics/Content:

- Module 1: Intelligence Theory and History
- Module 2: The US Intelligence Community
- Module 3: Counterintelligence and Covert Action
- Module 4: The Future of the Intelligence Community
- Module 5: The Canadian Intelligence Community
- Module 6: Failure, Scandal and Reform
- Module 7: Defense Intelligence
- Module 8: Criminal Intelligence
- Module 9: Business Intelligence
- Module 10: The Intelligence Cycle: Requirements

- Module 11: The Intelligence Cycle: Collection
 - Module 12: The Intelligence Cycle: Analysis
 - Module 13: The Intelligence Cycle: Reporting
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INTL-5800 Intelligence Communications

Credits: 3

Course Description:

The skill that decision makers and intelligence consumers appreciate most is the analyst's ability to communicate, concisely and effectively, the results of detailed analytic work. Through repeated application of a focused set of skills to a body of information gradually increasing in complexity, this course is designed to prepare intelligence analysts to deliver a variety of intelligence products in written, visual, and oral formats. While the course focuses on mastering the communication standards and stylistic conventions of the field, it is also expected that the student will apply the skills of intelligence gathering and analysis learned in the prerequisite course.

Course Goal(s):

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

Prepare and deliver intelligence products in a variety of formats.

Learning Outcomes:

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

1. Identify and apply the fundamental concepts of intelligence writing
2. Demonstrate ability to use common methods of presentation skills
3. Evaluate intelligence products for form and content
4. Develop and produce an intelligence product on a defined topic

Course Topics/Content:

- Module 1: Introduction to Intelligence Communications
- Module 2: Precision in Language
- Module 3: Fundamentals of Intelligence Writing and the INTSUM
- Module 4: Evaluating the Quality of Information Sources

- Module 5: Oral Presentation Skills
 - Module 6: Writing for Policy and Decision Makers
 - Module 7: The Short Form Analytic Report (SFAR) and Other Issues in Intelligence Writing
 - Module 8: Visualizing Data
 - Module 9: Client-Focused Writing
 - Module 10: Long Form Analytic Report (LFAR)
 - Module 11: Writing Threat Assessments
 - Module 12: Communications Strategy & Final Project Part One
 - Module 13: Final Project Part Two
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INTL-5200 Advanced Analytical Techniques

Credits: 3

Course Description:

Focusing on a variety of techniques from multiple disciplines, this course will expose students to new and useful methods for conducting intelligence analysis. Students will also contribute to the growing body of knowledge regarding the effectiveness of structured analytic techniques by completing a case study project and publishing to a publicly accessible blog and wiki.

Course Goal(s):

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

Conduct intelligence analysis using a variety of methods.

Learning Outcomes:

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

1. Explain the value and process of measurement.
2. List and describe a variety of analytic techniques that have potential application to intelligence problems.
3. Master one structured analytic technique, identify the basics of several others, and synthesize what they have learned to evaluate the effectiveness of a given technique.
4. Apply one or more analytic techniques to a particular problem.
5. Choose and apply criteria for evaluating analytic techniques.

6. Critique fellow students' work to improve all students' final projects.
7. Demonstrate the use online collaborative tools, including blogs and wikis.

Course Topics/Content:

- Module 1: Introduction
- Module 2: Decomposition and Visualization
- Module 3: Idea Generation
- Module 4: Scenarios, Indicators and Hypotheses
- Module 5: Challenge Analysis
- Module 6: Decision Support, Part I
- Module 7: Decision Support, Part II
- Module 8: Forecasting
- Module 9: Measuring "Intangibles"
- Module 10: Calculating Probability
- Module 11: Bayes Statistics for Intelligence
- Module 12: Introduction to Final Case Study
- Module 13: Final Case Study Submission and Course Closure

INTL-5400 Competitive Intelligence

Credits: 3

Course Description:

This course employs the theory and practice of Competitive Intelligence—including its processes, organizational structures, and products—now regarded as a key decision-support function in firms everywhere. This course will explore questions such as: What is competitive intelligence? How does it differ from market research and other, more conventional, streams of management information? How can it help business leaders avoid strategic surprise? How is it structured in a corporate environment? What added-value does it provide to executive decision-makers?

Course Goal(s):

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



Identify and explain the purpose and processes of the Competitive Intelligence discipline, including its parallels with national security intelligence.

Learning Outcomes:

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

1. Explain the major goals of competitive intelligence.
2. Articulate major ethical issues in competitive intelligence and explain ethical guidelines.
3. Gain experience collecting and evaluating information from human and other sources.
4. Recognize and articulate analytical pitfalls in competitive intelligence.
5. Complete industry and competitor analyses in a team environment.

Course Topics/Content:

- Module 1: Introduction to Competitive Intelligence
 - Module 2: Ethics
 - Module 3: KITs and KIQs
 - Module 4: Collection of Human Sources
 - Module 5: Collecting from Other Sources
 - Module 6: Introduction to Analysis and Production
 - Module 7: Industry Analysis
 - Module 8: Competitor Analysis
 - Module 9: Strategic Early Warning
 - Module 10: Information and Knowledge Management
 - Module 11: CI Organization and Provider-Customer Dynamics
 - Module 12: The Global Context
 - Module 13: Final Submission and Course Closure
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INTL-5260 Analyzing Financial Crimes

Credits: 3

Course Description:

This course examines the nature and scope of financial crimes and many of the tools used by law enforcement in the preparation of a financial case. Included in this course is a detailed treatment of the following: laws which serve to aid in the detection and prosecution of these crimes, the types of business records available, types of bank records available, an examination of offshore business and banking operations, and the collection and analysis of this information, with emphasis placed on Net Worth and Expenditure Analysis. In addition, special treatment is given to the detection and prosecution of money laundering, and various types of money laundering schemes.

Course Goal(s):

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

Prepare and deliver intelligence products in a variety of formats.

Learning Outcomes:

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

1. Describe the categories of financial crime;
2. Assess theories and stages of financial crime;
3. Develop an intelligence strategy to combat financial crime;
4. Apply analytic methodologies to address fraud, theft, manipulation, and corruption;
5. Evaluate the globalization of financial crimes;
6. Formulate an investigative plan to lead to the successful prosecution of a financial crime;
7. Judge the probable success of current efforts to respond to, regulate, and prevent financial crime.

Course Topics/Content:

- Module 1: Introduction to Analyzing Financial Crimes
- Module 2: Theories and Stages of Financial Crime and Criminal Entrepreneurship
- Module 3: Developing an Intelligence Strategy to Combat Financial Crime
- Module 4: Methods for Analyzing Fraud
- Module 5: Methods for analyzing Theft

- Module 6: Methods for Analyzing Manipulation
 - Module 7: Methods for Analyzing Corruption
 - Module 8: Payment Card Fraud
 - Module 9: Globalization of Financial Crime
 - Module 10: Elements of a Successful Financial Crime Investigation and Prosecution
 - Module 11: Response, Regulation and Prevention
 - Module 12: Anti-Money Laundering (AML)
 - Module 13: Fusion Centre's and Developing National Strategy
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INTL-5760 Tactical Criminal Intelligence

Credits: 3

Course Description:

The course introduces the discipline of law enforcement intelligence across the sub disciplines of crime, intelligence, investigative, operations/administrative and geo-spatial analysis. The role and responsibilities of an analyst within each sub discipline will be addressed, in addition to an examination of basic law enforcement definitions, terminology, federal law enforcement agencies, and intelligence centers relevant to intelligence. Students will utilize basic analytical methodologies and software tools to examine law enforcement intelligence problems.

Course Goal(s):

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

Understand the discipline of law enforcement intelligence and its various functions, methodologies and career opportunities to allow for the study of more specialized law enforcement intelligence topics over the course of their academic careers.

Learning Outcomes:

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

1. Explain the various types of analysis in the law enforcement field;
2. Compare and contrast crime types and trends;
3. Utilize tools to assist in the analysis of data and trends;
4. Integrate the findings of current research within their analysis of criminal activity;

5. Analyze criminal activity, organizations and threats, through the use of structured and unstructured techniques as appropriate to the intelligence discipline;
6. Defend analytic conclusions through producing high-quality law enforcement intelligence products that utilize best practices in the field to convey conclusions to a decision-maker.
7. Effectively use online collaborative tools including discussions boards, blogs, and wikis.

Course Topics/Content:

- Module 1: Introduction to Crime and Intelligence Analysis
- Module 2: History of Policing
- Module 3: Organizational Pathologies
- Module 4: Criminological Theory
- Module 5: Crime Analysis
- Module 6: Intelligence Analysis
- Module 7: Investigative Analysis
- Module 8: Geographic Data and Crime Mapping
- Module 9: Criminal Profiling and Crime Scene Analysis
- Module 10: Organized Crime and Criminal Networks
- Module 11: Business of Crime
- Module 12: Analytical Products
- Module 13: Analyst Qualities

INTL-5370 Analytical Methodologies for Tactical Criminal Intelligence

Credits: 3

Course Description:

The course introduces the student to the discipline of crime analysis and law enforcement intelligence through the study of the intelligence cycle and the intelligence determinants.

Course Goal(s):

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



Apply analytic methodologies, using a variety of tools, to develop descriptive, explanatory, and estimative products and briefings for decision-makers in the law enforcement field.

Learning Outcomes:

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

1. Utilize applied research for crime analysis in the law enforcement field.
2. Recognize issues and challenges with crime data and data sources and implement methods to increase accuracy of information.
3. Utilize tools to assist in the analysis of data and trends.
4. Source, evaluate and utilize open source information for crime analysis.
5. Analyze criminal activity through the filter of demographic data and analysis.
6. Defend analytic conclusions through producing high-quality law enforcement intelligence products that utilize best practices in the field to convey conclusions to a tactical criminal intel decision-maker.
7. Effectively use online collaborative tools, including discussion boards, blogs and wikis.

Course Topics/Content:

- Module 1: Introduction to Methods
- Module 2: Critical Thinking
- Module 3: Collection of Data
- Module 4: Issues with Crime Data
- Module 5: Research Design and Evaluation
- Module 6: Inferential Statistics
- Module 7: Descriptive Statistics
- Module 8: Applied Research in Crime Analysis
- Module 9: The Research Process in Action – SWOT Analysis
- Module 10: Demographic Analysis – Correlates of Crime
- Module 11: Open Source
- Module 12: Research Ethics
- Module 13: Presenting Crime Data