



PICT8044

Intelligence Analysis

Session 2, Online-flexible 2022

Department of Security Studies and Criminology

Contents

<u>General Information</u>	2
<u>Learning Outcomes</u>	2
<u>General Assessment Information</u>	3
<u>Assessment Tasks</u>	5
<u>Delivery and Resources</u>	8
<u>Policies and Procedures</u>	10
<u>Changes from Previous Offering</u>	12

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General Information

Unit convenor and teaching staff

Jon Cottam

jon.cottam@mq.edu.au

Credit points

10

Prerequisites

Admission to MPICT or MCP ICT or GradDipPICT or GradDipCPICT or PGCertPICT or GradCertPICT or GradCertCPICT or MPIC TMIntSecSt or MCPIC TMIntSecSt or MIntSecStud or GradDipIntSecStud or GradCertIntell or MIntell or MCyberSec or MSecStrategicStudMIntell or MIntellMCrim or MIntellMCyberSec or MIntellMCTerrorism or MSecStrategicStudMCyberSec or MCyberSecMCTerrorism or MCyberSecMCRim or admission to BSecStudMIntell

Corequisites

Co-badged status

Unit description

This unit provides students with a deeper appreciation of the complexities of intelligence analysis and exposure to the analytical tools and methodologies that will help them better understand and potentially contribute as intelligence professionals. In a globalised and dynamic security environment, students will be challenged to consider newer asymmetric threats and risks as well as more traditional military and security challenges in an analytical context. Students will apply what they have learned to conceptualise, design, and build intelligence analytical products, providing real-world focus and experience.

Important Academic Dates

Information about important academic dates including deadlines for withdrawing from units are available at <https://www.mq.edu.au/study/calendar-of-dates>

Learning Outcomes

On successful completion of this unit, you will be able to:

ULO1: Identify the reasoning and cognitive processes involved in transforming incomplete information into intelligence knowledge.

ULO2: Analyse individual and group dynamics in organisational settings.

ULO3: Create intelligence products using a range of intelligence analytical tools and

approaches, while applying academic research and writing skills.

ULO4: Evaluate a diverse and evolving body of academic literature and case studies on intelligence analysis.

ULO5: Assess the professional, legal and ethical obligations of the intelligence profession.

General Assessment Information

Analytical Case Study Critique

Assessment Type ¹: Case study/analysis Indicative Time on Task ²: 25 hours Due: **Monday of Week 5** Weighting: **25%**

This task requires students to analyse and report on a specific, real world assigned case study, demonstrating an understanding of the intelligence analytical techniques involved. It is designed to provide students working on small teams, insight into more complex intelligence analytical challenges and challenge them to identify the intelligence processes at work.

On successful completion you will be able to:

- Identify the reasoning and cognitive processes involved in transforming incomplete information into intelligence knowledge.
- Analyse individual and group dynamics in organisational settings.
- Evaluate a diverse and evolving body of academic literature and case studies on intelligence analysis.

Advanced Analysis Brief

Assessment Type ¹: Professional writing Indicative Time on Task ²: 25 hours Due: **Monday of Week 9** Weighting: **20%**

This task requires students to build a briefing presentation on an assigned analytical topic, employing intelligence research and analysis to evaluate and assess capabilities, vulnerabilities and risks, as well as opportunities and projected future developments. Students will gain experience in brief preparation, intelligence research and analytical assessment.

On successful completion you will be able to:

- Identify the reasoning and cognitive processes involved in transforming incomplete information into intelligence knowledge.
- Create intelligence products using a range of intelligence analytical tools and approaches, while applying academic research and writing skills.
- Evaluate a diverse and evolving body of academic literature and case studies on intelligence analysis.

Advanced Analysis Paper

Assessment Type ¹: Essay Indicative Time on Task ²: 30 hours Due: **Monday of Week 13** Weighting: **30%**

This task requires students to prepare an in-depth analytical intelligence assessment using a real world assigned case study. This exercise will challenge the student to write a detailed intelligence estimate using predominately intelligence preparation of the environment and other analytical approaches to write a comprehensive special analytical product.

On successful completion you will be able to:

- Identify the reasoning and cognitive processes involved in transforming incomplete information into intelligence knowledge.
- Create intelligence products using a range of intelligence analytical tools and approaches, while applying academic research and writing skills.
- Evaluate a diverse and evolving body of academic literature and case studies on intelligence analysis.

Weekly Engagement Quiz

Assessment Type ¹: Quiz/Test Indicative Time on Task ²: 25 hours Due: **Weeks 2-11** Weighting: **20%**

Engagement Quizzes cover subject matter in Weeks 2-11.

Quizzes will assess student understanding of topics covered in weekly recorded lectures and required readings for that week.

This unit requires a consistent level of student engagement with the lecture and reading subject matter throughout the course. Engagement will be demonstrated (and assessed) through participation in weekly quizzes on both the lecture material and required readings.

On successful completion you will be able to:

- Identify the reasoning and cognitive processes involved in transforming incomplete information into intelligence knowledge.
- Analyse individual and group dynamics in organisational settings.
- Evaluate a diverse and evolving body of academic literature and case studies on intelligence analysis.
- Assess the professional, legal and ethical obligations of the intelligence profession.

Constructive Engagement

Assessment Type ¹: Performance Indicative Time on Task ²: 19 hours Due: **Weekly, Weeks 2-13** Weighting: **5%**

This assessment task is designed to promote student engagement, not only with the lecture

materials and required readings, but through other readings, monitoring world events and in the context of presented questions, constructively engaging in considered and critical discussion with other students, moderated by the lecturer or tutor.

On successful completion you will be able to:

- Identify the reasoning and cognitive processes involved in transforming incomplete information into intelligence knowledge.
- Analyse individual and group dynamics in organisational settings.
- Create intelligence products using a range of intelligence analytical tools and approaches, while applying academic research and writing skills.
- Evaluate a diverse and evolving body of academic literature and case studies on intelligence analysis.
- Assess the professional, legal and ethical obligations of the intelligence profession.

¹ If you need help with your assignment, please contact:

- the academic teaching staff in your unit for guidance in understanding or completing this type of assessment
- the [Writing Centre](#) for academic skills support.

² Indicative time-on-task is an estimate of the time required for completion of the assessment task and is subject to individual variation

Assessment Tasks

Name	Weighting	Hurdle	Due
Analytical Case Study Critique	25%	No	22 August 2022 at 11.55pm
Advanced Analysis Brief	20%	No	3 October 2022 at 11.55pm
Advanced Analysis Paper	30%	No	31 October 2022 at 11.55pm
Weekly Engagement Quiz	20%	No	Weeks 2-11
Constructive Engagement	5%	No	Weeks 2-13

Analytical Case Study Critique

Assessment Type ¹: Case study/analysis

Indicative Time on Task ²: 25 hours

Due: **22 August 2022 at 11.55pm**

Weighting: **25%**

This task requires students to analyse and report on a specific, real world assigned case study, demonstrating an understanding of the intelligence analytical techniques involved. It is designed

to provide students working on small teams, insight into more complex intelligence analytical challenges and challenge them to identify the intelligence processes at work.

On successful completion you will be able to:

- Identify the reasoning and cognitive processes involved in transforming incomplete information into intelligence knowledge.
- Analyse individual and group dynamics in organisational settings.
- Evaluate a diverse and evolving body of academic literature and case studies on intelligence analysis.

Advanced Analysis Brief

Assessment Type ¹: Professional writing

Indicative Time on Task ²: 25 hours

Due: **3 October 2022 at 11.55pm**

Weighting: **20%**

This task requires students to build a briefing presentation on an assigned analytical topic, employing intelligence research and analysis to evaluate and assess capabilities, vulnerabilities and risks, as well as opportunities and projected future developments. Students will gain experience in brief preparation, intelligence research and analytical assessment.

On successful completion you will be able to:

- Identify the reasoning and cognitive processes involved in transforming incomplete information into intelligence knowledge.
- Create intelligence products using a range of intelligence analytical tools and approaches, while applying academic research and writing skills.
- Evaluate a diverse and evolving body of academic literature and case studies on intelligence analysis.

Advanced Analysis Paper

Assessment Type ¹: Essay

Indicative Time on Task ²: 30 hours

Due: **31 October 2022 at 11.55pm**

Weighting: **30%**

This task requires students to prepare an in-depth analytical intelligence assessment using a real world assigned case study. This exercise will challenge the student to write a detailed intelligence estimate using predominately intelligence preparation of the environment and other analytical approaches to write a comprehensive special analytical product.

On successful completion you will be able to:

- Identify the reasoning and cognitive processes involved in transforming incomplete information into intelligence knowledge.
- Create intelligence products using a range of intelligence analytical tools and approaches, while applying academic research and writing skills.
- Evaluate a diverse and evolving body of academic literature and case studies on intelligence analysis.

Weekly Engagement Quiz

Assessment Type ¹: Quiz/Test

Indicative Time on Task ²: 25 hours

Due: **Weeks 2-11**

Weighting: **20%**

Engagement Quizzes cover subject matter in Weeks 2-11.

Quizzes will assess student understanding of topics covered in weekly recorded lectures and required readings for that week.

This unit requires a consistent level of student engagement with the lecture and reading subject matter throughout the course. Engagement will be demonstrated (and assessed) through participation in weekly quizzes on both the lecture material and required readings.

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- Assess the professional, legal and ethical obligations of the intelligence profession.

Constructive Engagement

Assessment Type ¹: Performance

Indicative Time on Task ²: 19 hours

Due: **Weeks 2-13**

Weighting: **5%**

This assessment task is designed to promote student engagement, not only with the lecture materials and required readings, but through other readings, monitoring world events and in the context of presented questions, constructively engaging in considered and critical discussion with other students, moderated by the lecturer or tutor.

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¹ If you need help with your assignment, please contact:

- the academic teaching staff in your unit for guidance in understanding or completing this type of assessment
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² Indicative time-on-task is an estimate of the time required for completion of the assessment task and is subject to individual variation

Delivery and Resources

UNIT REQUIREMENTS AND EXPECTATIONS

- You should spend an average of 12 hours per week on this unit. This includes listening to lectures prior to seminar or tutorial, reading weekly required materials as detailed in iLearn, participating in iLearn discussion forums, and preparing assessments.
- Internal students are expected to attend all seminar or tutorial sessions, and external students are expected to make significant contributions to on-line activities.
- In most cases students are required to attempt and submit all major assessment tasks in order to pass the unit.

REQUIRED READINGS

- The citations for all the required readings for this unit are available to enrolled students through the unit iLearn site, and at Macquarie University's library site. Electronic copies of required readings may be accessed through the library or will be made available by other means.

TECHNOLOGY USED AND REQUIRED

- Computer and internet access are essential for this unit. Basic computer skills and skills in word processing are also a requirement.
- This unit has an online presence. Login is via: <https://ilearn.mq.edu.au/>.

- Students are required to have regular access to a computer and the internet. Mobile devices alone are not sufficient.
- Information about IT used at Macquarie University is available at http://students.mq.edu.au/it_services/.

SUBMITTING ASSESSMENT TASKS

- All text-based assessment tasks are to be submitted, marked and returned electronically. This will only happen through the unit iLearn site.
- Assessment tasks must be submitted as a MS word document by the due date.
- Most assessment tasks will be subject to a “Turnitin” review as an automatic part of the submission process.
- The granting of extensions is subject to the university’s Special Consideration Policy. Extensions will not be granted by unit conveners or tutors, but must be lodged through Special Consideration: <https://students.mq.edu.au/study/my-study-program/special-consideration>.

LATE SUBMISSION OF ASSESSMENT TASKS

- Unless a Special Consideration request has been submitted and approved, **a 5% penalty (of the total possible mark) will be applied each day a written assessment is not submitted**, up until the 7th day (including weekends). After the 7th day, a mark of “0” (zero) will be awarded even if the assessment is submitted. Submission time for all written assessments is set at 11.55pm. A 1-hour grace period is provided to students who experience a technical issue.
- This late penalty will apply to written reports and recordings only. Late submission of time sensitive tasks (such as tests/exams, performance assessments/presentations, scheduled practical assessments/labs) will be addressed by the unit convenor in a Special consideration application.

WORD LIMITS FOR ASSESSMENT TASKS

- Stated word limits include footnotes and footnoted references, but not bibliography, or title page.
- Word limits can generally deviate by 10% either over or under the stated figure.
- If the number of words exceeds the limit by more than 10%, then penalties will apply. These penalties are 5% of the awarded mark for every 100 words over the word limit. If a paper is 300 words over, for instance, it will lose $3 \times 5\% = 15\%$ of the total mark awarded for the assignment. This percentage is taken off the total mark, i.e., if a paper was graded at a credit (65%) and was 300 words over, it would be reduced by 15 marks to a

pass (50%).

- The application of this penalty is at the discretion of the course convener.

REASSESSMENT OF ASSIGNMENTS DURING THE SEMESTER

- Macquarie University operates a Grade Appeal Policy in cases where students feel their work was graded inappropriately: <http://www.mq.edu.au/policy/docs/gradeappeal/policy.html>.
- In accordance with the Grade Appeal Policy, individual works are not subject to regrading.

STAFF AVAILABILITY

- Department staff will endeavour to answer student enquiries in a timely manner. However, emails or iLearn messages will not usually be answered over the weekend or public holiday period.
- Students are encouraged to read the Unit Guide and look at instructions posted on the iLearn site before sending email requests to staff.

Policies and Procedures

Macquarie University policies and procedures are accessible from [Policy Central](https://policies.mq.edu.au) (<https://policies.mq.edu.au>). Students should be aware of the following policies in particular with regard to Learning and Teaching:

- [Academic Appeals Policy](#)
- [Academic Integrity Policy](#)
- [Academic Progression Policy](#)
- [Assessment Policy](#)
- [Fitness to Practice Procedure](#)
- [Assessment Procedure](#)
- [Complaints Resolution Procedure for Students and Members of the Public](#)
- [Special Consideration Policy](#)

Students seeking more policy resources can visit [Student Policies](https://students.mq.edu.au/support/study/policies) (<https://students.mq.edu.au/support/study/policies>). It is your one-stop-shop for the key policies you need to know about throughout your undergraduate student journey.

To find other policies relating to Teaching and Learning, visit [Policy Central](https://policies.mq.edu.au) (<https://policies.mq.edu.au>) and use the [search tool](#).

Student Code of Conduct

Macquarie University students have a responsibility to be familiar with the Student Code of Conduct: <https://students.mq.edu.au/admin/other-resources/student-conduct>

Results

Results published on platform other than [eStudent](#), (eg. iLearn, Coursera etc.) or released directly by your Unit Convenor, are not confirmed as they are subject to final approval by the University. Once approved, final results will be sent to your student email address and will be made available in [eStudent](#). For more information visit ask.mq.edu.au or if you are a Global MBA student contact globalmba.support@mq.edu.au

Academic Integrity

At Macquarie, we believe [academic integrity](#) – honesty, respect, trust, responsibility, fairness and courage – is at the core of learning, teaching and research. We recognise that meeting the expectations required to complete your assessments can be challenging. So, we offer you a range of resources and services to help you reach your potential, including free [online writing and maths support](#), [academic skills development](#) and [wellbeing consultations](#).

Student Support

Macquarie University provides a range of support services for students. For details, visit <http://students.mq.edu.au/support/>

The Writing Centre

[The Writing Centre](#) provides resources to develop your English language proficiency, academic writing, and communication skills.

- [Workshops](#)
- [Chat with a WriteWISE peer writing leader](#)
- [Access StudyWISE](#)
- [Upload an assignment to Studiosity](#)
- [Complete the Academic Integrity Module](#)

The Library provides online and face to face support to help you find and use relevant information resources.

- [Subject and Research Guides](#)
- [Ask a Librarian](#)

Student Services and Support

Macquarie University offers a range of [Student Support Services](#) including:

- [IT Support](#)
- [Accessibility and disability support](#) with study
- Mental health [support](#)
- [Safety support](#) to respond to bullying, harassment, sexual harassment and sexual assault

- [Social support including information about finances, tenancy and legal issues](#)

Student Enquiries

Got a question? Ask us via [AskMQ](#), or contact [Service Connect](#).

IT Help

For help with University computer systems and technology, visit http://www.mq.edu.au/about_us/offices_and_units/information_technology/help/.

When using the University's IT, you must adhere to the [Acceptable Use of IT Resources Policy](#). The policy applies to all who connect to the MQ network including students.

Changes from Previous Offering

Late penalty altered