



PICT844

Advanced Intelligence Analysis

S2 Evening 2013

Centre for Policing, Intelligence and Counter Terrorism

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General Information

Unit convenor and teaching staff

Unit Convenor

Rebecca Vogel

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Contact via rebecca.vogel@mq.edu.au

PICT offices

Business hours Monday-Wednesday

Unit Convenor

Fred Smith

fred.smith@mq.edu.au

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PICT Offices

Business hours

Credit points

4

Prerequisites

Admission to MPICT or PGDipPICT or PGCertPICT or MPICTMIntSecSt or MIntSecStud or PGDipIntSecStud or PGCertIntSecStud or PGCertIntell

Corequisites

Co-badged status

Unit description

Professional analysis plays a crucial role in the intelligence process in transforming collected information into high quality intelligence product. This unit focuses on the reasoning and cognitive processes that are central to the rigorous analysis and interpretation of information in order to develop perceptive insights and understanding. The unit will explore: how the analytical task is framed, and the range of questions that are conducive to an intelligence response; the range of cognitive, reasoning and attitudinal processes that can be applied in critically analysing information; and the range of processing tools and technologies that are available to assist analysis.

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:

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

Analyse individual and group dynamics in organisational settings.

Create an intelligence product using a range of advanced analytical tools and approaches.

Evaluate a diverse and evolving body of academic literature on intelligence analysis.

Create texts, such as reports, case studies and briefings, using appropriate academic research and writing.

Assessment Tasks

Name	Weighting	Due
Analytical case study critique	25%	Week 3 (details on iLearn)
Advanced analysis brief	25%	Week 8 (details on iLearn)
Advanced analysis paper	50%	Week 12 (details on iLearn)

Analytical case study critique

Due: **Week 3 (details on iLearn)**

Weighting: **25%**

For details on this assignment please refer to the unit iLearn site.

A detailed marking matrix is available to all enrolled students on the unit iLearn site.

Marking criteria in the marking matrix includes evaluation of topic comprehension, argument, structure and organisation, written expression, and referencing.

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 an intelligence product using a range of advanced analytical tools and approaches.

- Evaluate a diverse and evolving body of academic literature on intelligence analysis.
- Create texts, such as reports, case studies and briefings, using appropriate academic research and writing.

Advanced analysis brief

Due: **Week 8 (details on iLearn)**

Weighting: **25%**

For details on this assignment please refer to the unit iLearn site.

A detailed marking matrix is available to all enrolled students on the unit iLearn site.

Marking criteria in the marking matrix includes evaluation of topic comprehension, argument, structure and organisation, written expression, and referencing.

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 an intelligence product using a range of advanced analytical tools and approaches.
- Evaluate a diverse and evolving body of academic literature on intelligence analysis.
- Create texts, such as reports, case studies and briefings, using appropriate academic research and writing.

Advanced analysis paper

Due: **Week 12 (details on iLearn)**

Weighting: **50%**

For details on this assignment please refer to the unit iLearn site.

A detailed marking matrix is available to all enrolled students on the unit iLearn site.

Marking criteria in the marking matrix includes evaluation of topic comprehension, argument, structure and organisation, written expression, and referencing.

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 an intelligence product using a range of advanced analytical tools and approaches.
- Evaluate a diverse and evolving body of academic literature on intelligence analysis.
- Create texts, such as reports, case studies and briefings, using appropriate academic research and writing.

Delivery and Resources

UNIT REQUIREMENTS AND EXPECTATIONS

During the unit students will be required to:

- Submit the required assessment tasks in a timely manner.
- Complete all the required readings for the unit.
- Contribute to online discussions and activities.

Online participation guidelines:

A significant part of your online learning experience involves learning with and from other students and the teacher in the online discussions and activities. Active participation means sharing information and resources, posting your own ideas, and critiquing or expanding on the ideas of others in a respectful and collegial fashion. You are expected to follow accepted standards of English spelling, grammar and punctuation, when you are participating in web discussions or sending emails. These discussions are for you to exchange your reflections with your classmates and teacher about what you are learning. The discussions will be organised into forums around the particular themes you are studying.

As an online student, you will be taking a proactive approach to your learning. As the Unit Convenor's role is that of a learning guide, your role is that of the leader in your own learning. You will be managing your own time so that you can complete the readings, activities and assignments for the unit.

You should spend an average of at least 12 hours per week on this unit. This includes listening to pre-recorded lectures prior to seminar discussions and reading weekly required readings detailed in iLearn.

Internal students are expected to attend all seminar sessions and external students are expected to contribute to on-line discussions.

REQUIRED READINGS

The citations for all required readings for this unit are available to enrolled students at Macquarie University's Library EReserve site and through the unit iLearn site. Electronic

copies of required readings may be accessed at the EReserve site.

RECOMMENDED READINGS

Recommended readings will be posted to the unit iLearn site as Session 2 progresses.

TECHNOLOGY

Online units can be accessed at: <http://ilearn.mq.edu.au/> If you require technical assistance with Macquarie iLearn contact the HelpDesk: <http://informatics.mq.edu.au/help/>

PC and Internet access are required. Basic computer skills (e.g., internet browsing) and skills in word processing are also a requirement.

SUBMITTING ASSESSMENT TASKS

All assessment tasks are to be submitted, marked and returned electronically. This will only happen through the unit iLearn site.

Assessment tasks must be submitted either as a PDF or MS Word document, or MS Powerpoint brief by the due date.

All assessment textual PDF or MS Word tasks will be subject to a 'Turnitin' review as an automatic part of the submission process.

Assessment tasks must be submitted with a plagiarism declaration. This will be as part of the task submission process through grademark or through completion of a coversheet.

The coversheet can be downloaded at: www.arts.mq.edu.au/current_students/postgraduate_coursework/

The granting of extensions of up to one week are at the discretion of the unit convenor.

Any requests for extensions must be in writing before the due date for the submission of the assessment task. Extensions beyond one week are subject to special consideration.

The policy for this is detailed under Policy and Procedures.

LATE SUBMISSION OF ASSESSMENT

There is a penalty for the late submission of assessment tasks. If an assignment is submitted late it will initially be marked as if it had been submitted on time. However, 5% of the weighting allocated for the assignment will then be deducted from the mark the student initially achieves in the assessment task for each day it is late. For example, if the assessment task's weighting is 20, 1.00 mark per day will be deducted from the initial mark given per day it is late, ie. a task initially given 15/20 but which is submitted four days late will lose 4 x 1.00 marks. That means, 15/20 - 4 marks = 11/20. It is this second mark which will be recorded in the gradebook.

The same principle applies if a student seeks and is granted an extension and the assessment task is submitted later than the amended submission date.

Unit Schedule

Additional Information

Week 1: Course organisation, learning approach, assessment, rationale; Managing complexity – setting the scene

Week 2: Understanding self

Week 3: Understanding relationships

Week 4: Intelligence analytical tools – internal

Week 5: Intelligence analytical tools – manufactured

Week 6: Intelligence analytical approaches – all-source fusion

Week 7: Intelligence analytical approaches – Intelligence Preparation of the Operational Environment (IPOE)

Week 8: Case study

Week 9: Intelligence analytical approaches – COIN & criminal

Week 10: Complex terrains – force protection and physical security

Week 11: Complex terrains – human terrain

Week 12: Dealing with the long future – futures intelligence

Week 13: Professionalism – organisations & framework of service

Learning and Teaching Activities

Lecture

Lectures from staff or guest lecturers

Reading

Required and recommended readings

On-line seminar

On-line seminar discussion group participation and feedback

Policies and Procedures

Macquarie University policies and procedures are accessible from [Policy Central](#). Students should be aware of the following policies in particular with regard to Learning and Teaching:

Academic Honesty Policy http://www.mq.edu.au/policy/docs/academic_honesty/policy.html

Assessment Policy <http://www.mq.edu.au/policy/docs/assessment/policy.html>

Grading Policy <http://www.mq.edu.au/policy/docs/grading/policy.html>

Grade Appeal Policy <http://www.mq.edu.au/policy/docs/gradeappeal/policy.html>

Grievance Management Policy http://mq.edu.au/policy/docs/grievance_management/policy.html

Special Consideration Policy http://www.mq.edu.au/policy/docs/special_consideration/policy.html

In addition, a number of other policies can be found in the [Learning and Teaching Category](#) of Policy Central.

Student Support

Macquarie University provides a range of Academic Student Support Services. Details of these services can be accessed at: <http://students.mq.edu.au/support/>

UniWISE provides:

- Online learning resources and academic skills workshops http://www.students.mq.edu.au/support/learning_skills/
- Personal assistance with your learning & study related questions.
- The Learning Help Desk is located in the Library foyer (level 2).
- Online and on-campus orientation events run by Mentors@Macquarie.

Student Services and Support

Students with a disability are encouraged to contact the [Disability Service](#) who can provide appropriate help with any issues that arise during their studies.

Student Enquiries

Details of these services can be accessed at <http://www.student.mq.edu.au/ses/>.

IT Help

If you wish to receive IT help, we would be glad to assist you at <http://informatics.mq.edu.au/help/>.

When using the university's IT, you must adhere to the [Acceptable Use Policy](#). The policy applies to all who connect to the MQ network including students and it outlines what can be done.

Graduate Capabilities

PG - Discipline Knowledge and Skills

Our postgraduates will be able to demonstrate a significantly enhanced depth and breadth of knowledge, scholarly understanding, and specific subject content knowledge in their chosen fields.

This graduate capability is supported by:

Learning outcomes

- Identify the reasoning and cognitive processes involved in transforming incomplete information into intelligence knowledge.
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- Create an intelligence product using a range of advanced analytical tools and approaches.
- Evaluate a diverse and evolving body of academic literature on intelligence analysis.
- Create texts, such as reports, case studies and briefings, using appropriate academic research and writing.

Assessment tasks

- Analytical case study critique
- Advanced analysis brief
- Advanced analysis paper

PG - Critical, Analytical and Integrative Thinking

Our postgraduates will be capable of utilising and reflecting on prior knowledge and experience, of applying higher level critical thinking skills, and of integrating and synthesising learning and knowledge from a range of sources and environments. A characteristic of this form of thinking is the generation of new, professionally oriented knowledge through personal or group-based critique of practice and theory.

This graduate capability is supported by:

Learning outcomes

- Identify the reasoning and cognitive processes involved in transforming incomplete information into intelligence knowledge.
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- Create an intelligence product using a range of advanced analytical tools and approaches.
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PG - Research and Problem Solving Capability

Our postgraduates will be capable of systematic enquiry; able to use research skills to create new knowledge that can be applied to real world issues, or contribute to a field of study or practice to enhance society. They will be capable of creative questioning, problem finding and problem solving.

This graduate capability is supported by:

Learning outcomes

- Identify the reasoning and cognitive processes involved in transforming incomplete information into intelligence knowledge.
- Analyse individual and group dynamics in organisational settings.
- Create an intelligence product using a range of advanced analytical tools and approaches.
- Evaluate a diverse and evolving body of academic literature on intelligence analysis.
- Create texts, such as reports, case studies and briefings, using appropriate academic research and writing.

Assessment tasks

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- Advanced analysis brief
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PG - Effective Communication

Our postgraduates will be able to communicate effectively and convey their views to different social, cultural, and professional audiences. They will be able to use a variety of technologically supported media to communicate with empathy using a range of written, spoken or visual formats.

This graduate capability is supported by:

Learning outcomes

- Analyse individual and group dynamics in organisational settings.
- Create an intelligence product using a range of advanced analytical tools and approaches.
- Create texts, such as reports, case studies and briefings, using appropriate academic research and writing.

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PG - Engaged and Responsible, Active and Ethical Citizens

Our postgraduates will be ethically aware and capable of confident transformative action in relation to their professional responsibilities and the wider community. They will have a sense of

connectedness with others and country and have a sense of mutual obligation. They will be able to appreciate the impact of their professional roles for social justice and inclusion related to national and global issues

This graduate capability is supported by:

Learning outcomes

- Analyse individual and group dynamics in organisational settings.
- Create an intelligence product using a range of advanced analytical tools and approaches.
- Create texts, such as reports, case studies and briefings, using appropriate academic research and writing.

Assessment tasks

- Analytical case study critique
- Advanced analysis brief
- Advanced analysis paper

PG - Capable of Professional and Personal Judgment and Initiative

Our postgraduates will demonstrate a high standard of discernment and common sense in their professional and personal judgment. They will have the ability to make informed choices and decisions that reflect both the nature of their professional work and their personal perspectives.

This graduate capability is supported by:

Learning outcomes

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