SPED805
Effective Numeracy Instruction
S1 External 2013

Institute of Early Childhood

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General Information

Unit convenor and teaching staff
Unit Convenor
Toni Hopper
toni.hopper@mq.edu.au
Contact via toni.hopper@mq.edu.au
X5A Room 208
2pm to 4pm Thursdays

Credit points
4

Prerequisites

Corequisites
SPED802

Co-badged status

Unit description
This unit is designed to provide students with the information and skills necessary to guide their instruction of students at risk of failure in the area of numeracy. The unit focuses on current research-based theoretical, conceptual and pedagogical components of numeracy.

Important Academic Dates
Information about important academic dates including deadlines for withdrawing from units are available at https://students.mq.edu.au/important-dates

Learning Outcomes

1. Describe and apply the range of appropriate assessment strategies relevant to numeracy skills of an individual.
2. Describe and apply a range of instructional strategies relevant to the numeracy skills of individuals.
3. Demonstrate a deep knowledge and understanding of core concepts and principles relevant to assessment in intervention in the area of numeracy.
4. Utilise professional knowledge and capacity for problem solving to select, develop and implement appropriate assessment and intervention strategies to meet the needs of particular individuals.
5. Draw on unit content, professional experience and the research literature to evaluate and
critically reflect on a range of contemporary practices relevant to the development of numeracy skills in individuals.

6. Critically reflect on the research base underlying our current knowledge and identify both strengths and weaknesses in approaches to addressing numeracy problems in individuals.

7. Demonstrate competency in special education practice during professional experience.

**Assessment Tasks**

<table>
<thead>
<tr>
<th>Name</th>
<th>Weighting</th>
<th>Due</th>
</tr>
</thead>
<tbody>
<tr>
<td>Problem Solving Exercise 1</td>
<td>35%</td>
<td>11/4/2013</td>
</tr>
<tr>
<td>Practicum</td>
<td>0%</td>
<td>End of Semester</td>
</tr>
<tr>
<td>Problem Solving Exercise 2</td>
<td>40%</td>
<td>13/6/2013</td>
</tr>
<tr>
<td>Attendance</td>
<td>0%</td>
<td>See Problem Solving Exercises</td>
</tr>
<tr>
<td>Online Participation</td>
<td>10%</td>
<td>9/6/13</td>
</tr>
<tr>
<td>Assignment</td>
<td>15%</td>
<td>21/4/2013</td>
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</tbody>
</table>

**Problem Solving Exercise 1**
Due: 11/4/2013  
Weighting: 35%

**Description of Problem Solving Exercises**
Problem Solving Exercises consists of a series of practical problems. The problems presented are typically scenario based and require the practical application of principles and knowledge addressed in the unit. The assessment may involve the presentation of video and/or text-based scenarios.

Many questions will be similar in format to the problem solving activities presented during topic seminars, on the discussion board and during problem-solving seminars for the unit and these will provide excellent preparation for Problem Solving Exercises. For example, students may be required to code video segments of communication, identify problems related to learner communication, write instructional objectives, identify intervention strategies and describe how to apply intervention strategies in a given scenario.

The first Problem Solving Exercise will cover the first five topics and the second will cover the entire unit, but will have a focus on the last five topics.

A Problem Solving Exercise is an open book assessment of three hours duration. The Problem Solving Exercises will be completed in class (or with a supervisor for distance students). They may use both video segments and text-based scenarios or questions. You may bring any paper-based materials to the assessment including textbooks and your own notes. PLEASE NOTE THAT SHARING OF MATERIALS WILL NOT BE ALLOWED IN PROBLEM SOLVING
EXERCISES UNDER ANY CIRCUMSTANCES. You may not use electronic devices such as computers, iPads or other tablets, or phones.

Problem Solving Exercises are designed to assess your competency with the material covered in the unit and, consequently, a high pass mark is typically set.

The specific instructions for each Problem Solving Exercise will be on the first page of the question paper. You may only write on the question paper provided. Any breaches of the instructions (for example, using your own paper to make notes about questions, taking any notes out of the room where the Problem Solving is held) may result in zero marks being awarded for that exercise, or zero marks being awarded for some questions.

NOTE: You must bring your student ID or Campus Card with you to the Problem Solving Exercise and display it on your desk.

Information about how to get a Campus Card is at

http://www.library.mq.edu.au/borrowing/campus-card.html

When are Problem Solving Exercises held?
For students completing the exercises on-campus, Problem Solving Exercises are held:

11/4/13
13/6/13

There will be two sessions each day, one at 9.30am and one at 5.00pm.

Problem Solving Exercises need to be completed by distance students with a supervisor as follows:

<table>
<thead>
<tr>
<th>Problem Solving Exercise I</th>
<th>Should be completed between: Monday 8/4 and Sunday 14/4</th>
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</thead>
<tbody>
<tr>
<td>Problem Solving Exercise II</td>
<td>Should be completed between: Monday 10/6 and Sunday 16/6</td>
</tr>
</tbody>
</table>

If a Problem Solving Exercise is completed outside these dates without a serious reason and without the approval of your unit convenor and Dr Alison Madelaine, you may be awarded an F grade.

Where are they held?
Compulsory Problem Solving Exercises will be held at MUSEC to supervise internal students and external students who live in the Sydney metropolitan area. The Sydney metropolitan area is considered to be the area bounded by Engadine in the south, Campbelltown in the southwest, Penrith in the west, North Richmond in the northwest and Brooklyn in the North. Final decisions about boundaries are at the discretion of the External Student Supervision Coordinator (Dr Alison Madelaine). Under all but exceptional circumstances (e.g., documented medical problems) it is expected that students residing in the Sydney metropolitan area will attend the on-campus assessment session.
Distance students living outside the Sydney metropolitan area will need to make arrangements for an appropriate, approved supervisor before the end of the second week of the semester.

What are the special arrangements for distance students?

Off-campus completion of Problem Solving Exercises is also available as an additional support to students who enrol in external mode and reside outside the Sydney metropolitan area. The Sydney metropolitan area is considered to be the area the area bounded by Engadine in the south, Campbelltown in the southwest, Penrith in the west, North Richmond in the northwest and Brooklyn in the North. Final decisions about boundaries are at the discretion of the External Student Supervision Coordinator (Dr Alison Madelaine).

You need to nominate a supervisor to receive the materials and supervise Problem Solving Exercise and feedback sessions. Under normal circumstances, supervisors would have a working relationship with you but must not be personally related to you or in a subordinate role. Appropriate supervisors could include a head/executive teacher, school principal or school counsellor. Friends or acquaintances will not be accepted as supervisors. It is your responsibility to locate an appropriate supervisor who is acceptable to the External Student Supervision Coordinator (Dr Alison Madelaine). The acceptance of nominated supervisors is entirely at the discretion of the External Student Supervision Coordinator. Under normal circumstances, materials will only be sent to the supervisor at a work postal address. If you wish to discuss the suitability of a potential supervisor, please contact Dr Alison Madelaine by phone on (02) 9850 9699 or email (alison.madelaine@mq.edu.au). A supervisor nomination form is PROVIDED FOR DOWNLOAD IN THE FIRST SECTION OF EACH UNIT WEB PAGE.

The supervisor nomination form must be returned to MUSEC by the end of the second week of the semester. Nomination forms will not be accepted after this date and you will have to complete Problem Solving Exercises on-campus or withdraw from the unit. This deadline is ABSOLUTELY NOT negotiable. You will receive an emailed acknowledgement of your supervisor nomination. If you do not receive an acknowledgement, your nomination has not been received and you must contact the External Student Supervision Coordinator urgently.

Please note that you need to provide a separate supervisor nomination form for EACH unit you are enrolled in. You should receive an acknowledgement for EACH unit you are enrolled in.

Supervisors should be aware that they would be required to supervise you for two Problem Solving Exercise of 3 hours each. They will also need to supervise you for two feedback sessions lasting up to 1 hour each.

Further, they will be required to certify that appropriate conditions have been in place. Supervisors may do other work while you are completing the assessment/feedback sessions but they must remain with you. Acting as a supervisor is voluntary but supervisors do receive a formal letter of appreciation.

Problem Solving Exercises will be posted to your supervisor approximately one week before the due date and you will have a one-week window in which they must be completed and returned. It is critical that the assessments are completed in the date range specified. Please ask your supervisor to carefully check the dates before signing the nomination form to ensure that they will be available.

Please note that you will need access to a computer or DVD player in order to complete the Problem Solving Exercises and/or feedback sessions.

Before EACH Problem Solving Exercise and EACH Feedback Session you will be sent, through Dialogue on the iLearn web site, a copy of the letter, instructions and certification form to be send to your supervisor. You must respond to this message to indicate that you have read and understood the conditions of the Problem Solving Exercise or Feedback.
Session and to confirm that the supervisor’s name and mailing address are correct. Problem Solving and Feedback packages will not be mailed out until this confirmation is received.

**What happens if my Problem Solving Exercise does not arrive?**

We recommend that you check with your supervisor before the day you plan to complete the Problem Solving Exercise that he/she has received the package from MUSEC. If your supervisor has not received the package, we recommend double-checking the internal mail handling within your school or organisation before contacting MUSEC. If the materials cannot be found after a search, contact Natalie Watson at MUSEC (phone 9850 8708 or email Natalie.watson@mq.edu.au)

**What if I need to change my supervision arrangements?**

If your circumstances change and you no longer need to complete a Problem Solving Exercise externally, or if you are able to travel to MUSEC for a feedback session or if there are any other changes to your supervision arrangements, **you must notify the convenors of each unit you are completing AND the External Student Supervisor Co-ordinator.**

If you complete a Problem Solving Exercise or a Feedback Session with a person who is not an approved supervisor, you may be awarded a Fail grade.

**How do I get feedback if I attended the on-campus session?**

Two feedback sessions are held after Problem Solving Exercises. Students who attend campus to complete the Problem Solving Exercises are normally expected to attend these sessions for feedback. The answers to Problem Solving Exercises will be presented. Lecturers will overview the general principles, marking key, sample answers and discuss common problems or misconceptions. Students will be able to view their marked Problem Solving Exercises during the feedback sessions, but notes may not be made. Problem Solving Exercises will be returned for this session but they may not be retained.

If you have concerns about Problem Solving Exercises, please make an individual appointment after the feedback session. Individual appointments will not be made to give individual feedback unless students have attended a scheduled session or can provide evidence of unavoidable disruption to study, such as a medical certificate.

**How do I get feedback if I completed the Problem Solving Exercise with an external supervisor?**

Feedback seminars will be audio or video-recorded and sent to external students on DVD, along with the marked Problem Solving Exercise. Materials for the feedback session will be posted to your supervisor approximately 2 weeks after receipt of the exercise. Please note that your final results will not be released until all feedback materials have been returned to the University. Please note if you plan to attend a feedback session at MUSEC, you should inform the unit convenor that you do not require the feedback materials.

It is critical for students and supervisors to understand that students may only have access to materials in the presence of their supervisor. This means that the supervisor must post these items back to MUSEC. If a student has any unsupervised access to either the Problem Solving Exercises or feedback materials (including posting them to MUSEC), they will automatically be failed on the Problem Solving Exercise, resulting in a failure on the unit. If a student decides to withdraw from the unit, materials must still be returned directly to MUSEC.

**How do I get feedback if I am an external student and choose to travel to MUSEC for the Problem Solving Exercises?**

If you are a distance student, and choose to travel to MUSEC for the Problem Solving Exercises, but do not want to travel
to the feedback seminars, you will need to have a supervisor for the feedback session. This should be arranged by the end of the second week of semester. If there are any changes to this arrangement, you should notify your unit convenor.

Is there anything else I should know about Problem Solving Exercises?

Students sometimes think that they do not need to be thoroughly familiar with the material in the unit as the exercises are open book. This is most definitely not the case. You need to be sufficiently familiar with the material to know where to look for material that will enable you to solve a given problem. Also, while you will have time in the Problem Solving Exercises to check a detail or look at an example, you will NOT have time to read chapters or review topics that have not been adequately covered in the first instance.

What if I am unable to complete a Problem Solving Exercise?

If you are unable to attend a Problem Solving Exercise, an application for extension or an alternate date should be made in writing before the due date to the unit convenor. Medical or other evidence should be attached to the request. Requests that are made after the date of the Problem Solving Exercise will only be considered if the student can provide documented evidence that it was not possible to contact the unit convenor before the due date.

You are advised that it is Macquarie University policy not to set early examinations for individuals or groups of students. All students are expected to ensure that they are available until the end of the teaching semester, that is the final day of the official examination period.

Results of Problem Solving Exercises

Marked Problem Solving Exercises will be available for reviewing at the following Feedback Seminars.

Grades for the Problem Solving Exercises will be posted on the web site.

Please note that it is Centre policy that results will not be given over the phone or by email. Please visit the web site for information.

This Assessment Task relates to the following Learning Outcomes:

- Describe and apply the range of appropriate assessment strategies relevant to numeracy skills of an individual.
- Describe and apply a range of instructional strategies relevant to the numeracy skills of individuals.
- Demonstrate a deep knowledge and understanding of core concepts and principles relevant to assessment in intervention in the area of numeracy.
- Utilise professional knowledge and capacity for problem solving to select, develop and implement appropriate assessment and intervention strategies to meet the needs of particular individuals.
- Draw on unit content, professional experience and the research literature to evaluate and critically reflect on a range of contemporary practices relevant to the development of
numeracy skills in individuals.

• Critically reflect on the research base underlying our current knowledge and identify both strengths and weaknesses in approaches to addressing numeracy problems in individuals.

Practicum

Due: End of Semester
Weighting: 0%

Practicum

Due Date: End of Semester
Weight: 0%

The purpose of the supervised Practicum is to allow for systematic and first-hand observation of a student teacher’s teaching competencies. Students are expected to teach and manage a class/small group from day 3 onward. Supervising teachers will make one formal observation each day using the protocol provided in the Practicum Handbook to evaluate your competencies in lesson planning and presentation, monitoring learning, providing feedback, delivering reinforcement and managing the class or group. Students are responsible for forwarding all the required documentation to MUSEC.

During unsupervised practicum (5 days only) students may spend one day at five different sites. This is a good opportunity to see a wide range of programs and services for individuals with special needs. Students are required to complete an observation activity (refer to the Practicum Handbook for the observation form) for each day they complete. These activities should be submitted to Sharyn Gilkes by mail as soon as they are completed. Please note that these activities may be handwritten but should provide adequate detail for assessment and credit. Incomplete or unsigned reports are not acceptable.

Students should refer to the Practicum Booklet for details of practicum. The booklet is available on the web page at the Practicum Handbook Link at the top of the webpage.

Email queries about practicum should be sent to Prac Supervisor email at musec.pracsupervisor@mq.edu.au.

We strongly recommend you think about your practicum arrangements early in the semester as you may need to organise leave from your workplace to accommodate the practicum requirements.

This Assessment Task relates to the following Learning Outcomes:

• Draw on unit content, professional experience and the research literature to evaluate and critically reflect on a range of contemporary practices relevant to the development of numeracy skills in individuals.

• Critically reflect on the research base underlying our current knowledge and identify both strengths and weaknesses in approaches to addressing numeracy problems in individuals.

• Demonstrate competency in special education practice during professional experience.
Problem Solving Exercise 2

Due: 13/6/2013
Weighting: 40%

See Problem Solving Exercise 1 for full details.

This Assessment Task relates to the following Learning Outcomes:
- Describe and apply the range of appropriate assessment strategies relevant to numeracy skills of an individual.
- Describe and apply a range of instructional strategies relevant to the numeracy skills of individuals.
- Demonstrate a deep knowledge and understanding of core concepts and principles relevant to assessment in intervention in the area of numeracy.
- Utilise professional knowledge and capacity for problem solving to select, develop and implement appropriate assessment and intervention strategies to meet the needs of particular individuals.
- Draw on unit content, professional experience and the research literature to evaluate and critically reflect on a range of contemporary practices relevant to the development of numeracy skills in individuals.
- Critically reflect on the research base underlying our current knowledge and identify both strengths and weaknesses in approaches to addressing numeracy problems in individuals.

Attendance

Due: See Problem Solving Exercises
Weighting: 0%

Assessment seminars are compulsory for all internal students and external students living in the Sydney metropolitan area. All other seminars are optional. There are no attendance requirements for drop-in sessions. Please see the section on Problem Solving Exercises for further details on attendance at compulsory sessions.

This Assessment Task relates to the following Learning Outcomes:
- Describe and apply the range of appropriate assessment strategies relevant to numeracy skills of an individual.
- Describe and apply a range of instructional strategies relevant to the numeracy skills of individuals.
- Demonstrate a deep knowledge and understanding of core concepts and principles relevant to assessment in intervention in the area of numeracy.
• Utilise professional knowledge and capacity for problem solving to select, develop and implement appropriate assessment and intervention strategies to meet the needs of particular individuals.

• Draw on unit content, professional experience and the research literature to evaluate and critically reflect on a range of contemporary practices relevant to the development of numeracy skills in individuals.

• Critically reflect on the research base underlying our current knowledge and identify both strengths and weaknesses in approaches to addressing numeracy problems in individuals.

Online Participation

Due: 9/6/13
Weighting: 10%

What does online participation involve?

Online participation involves making posts on the Topic Discussion Forums of the unit website. Once a post is made in a topic Discussion Forum, anybody in the unit can read or respond to it. Staff will post discussion questions periodically or you may ask your own questions, give answers or offer comment. Only posts to Topic Forums will be counted.

Online participation allows you to give feedback and receive feedback from other students and staff, to explore issues in discussion with other students and staff and to practise required skill competencies.

When can I contribute?

You may contribute up until 11:55pm on the due date.

How much do I have to contribute?

Each student is expected to make a minimum of ten (10) contributions to the topic discussions over the course of the semester. You must submit the contents of your posts as an assignment on or before the due date.

What else do I have to do?

You must compile your posts and send them to the unit convenor via the Assessment section of the web site. This must be done on or before the due date. Detailed instructions will be provided prior to the submission date. If you fail to submit your compiled posts by the due date, you will be subject to a 5% penalty of the total mark per day late.

Do discussion posts count towards assessment?

Yes. Discussion contributions are weighted at 0.1 of your final grade. Only contributions to Topic Forums are counted, social posts and general questions and comments do not count towards your assessment. If you make fewer than ten posts to topic forums, your maximum possible mark will correspond to the number of posts made. If you fail to submit your compiled posts by the due date, you will be subject to a 5% penalty of the total mark per day late.
This Assessment Task relates to the following Learning Outcomes:

- Describe and apply the range of appropriate assessment strategies relevant to numeracy skills of an individual.
- Describe and apply a range of instructional strategies relevant to the numeracy skills of individuals.
- Demonstrate a deep knowledge and understanding of core concepts and principles relevant to assessment in intervention in the area of numeracy.
- Utilise professional knowledge and capacity for problem solving to select, develop and implement appropriate assessment and intervention strategies to meet the needs of particular individuals.
- Draw on unit content, professional experience and the research literature to evaluate and critically reflect on a range of contemporary practices relevant to the development of numeracy skills in individuals.
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Assignment

Due: 21/4/2013
Weighting: 15%

Description

The assignment will present a task related to communication. The assignment will be available from the unit web site from the date of the first problem solving exercise.

What is required for the assignment?

In general good presentation, correct grammar, spelling and appropriate word choice will be expected. Express your ideas concisely and clearly. Please use single spacing.

How do I submit my assignment?

A link for assignment submission will be provided on the web site.

KEEP A COPY OF YOUR ASSIGNMENT.

How do I use the assignment cover sheet?

The cover sheet will be attached to the assignment. Note that the checklist on the assignment cover sheet must be completed or your assignment will not be accepted. Note that typing your student number on the cover sheet is considered equivalent to providing a signature.

Can I submit a late assignment?

Assignments received after the due date will be accepted provided they are received no later than five working days.
late. No assignment will be accepted after this time, except when an extension has been applied for before the due date and granted. After the due date (unless an extension has been granted) a late penalty will be applied, leading to a reduction in the awarded mark. **The late penalty is 5% of the total mark for each day the assignment is outstanding** beyond the due date. These penalties are imposed in fairness to students who submit assignments on time.

**What if i exceed the word limits?**

Components of answers beyond the stated word limit will not be marked. That is, answers will only be marked up to the stated word limit.

**How will I get feedback on my assignment?**

Your marked assessment task, along with feedback information, will be returned electronically.

This Assessment Task relates to the following Learning Outcomes:

- Describe and apply the range of appropriate assessment strategies relevant to numeracy skills of an individual.
- Demonstrate a deep knowledge and understanding of core concepts and principles relevant to assessment in intervention in the area of numeracy.
- Utilise professional knowledge and capacity for problem solving to select, develop and implement appropriate assessment and intervention strategies to meet the needs of particular individuals.
- Draw on unit content, professional experience and the research literature to evaluate and critically reflect on a range of contemporary practices relevant to the development of numeracy skills in individuals.

**Delivery and Resources**

**General Organisation of the Unit**

The unit is organised in a flexible delivery format. A combination of seminars (for on-campus students), readings and internet delivery may be employed. In addition, support is available via telephone, Skype, the unit web site (including discussion forums and dialogue for private communication) and on-site consultation.

It is very important to note that some components of the unit will be conducted on the web site. This means that internet access is essential to the completion of the unit.

Delivery is designed such that students may seek as much or as little assistance as required in completing the unit. In flexible delivery units, it is critical that students are organised and disciplined. It is suggested that you allocate a total of 8-12 hours per week to study for this unit. If you get significantly behind in your topic coverage, it may be impossible to catch-up. Please start your study as soon as possible.
Unit Delivery: Teaching and Learning Strategy

The unit is organised in a flexible delivery format. A combination of seminars, readings, electronic discussion forums and Internet delivery may be employed. In addition, support is available via telephone, the unit web site (including forums and private dialogue) and on-site consultation.

Readings are designed to prepare students for the seminars as well as broaden their understanding of topics.

All seminars (apart from feedback seminars) are audio and/or videorecorded and made available on Echo360 (previously iLecture). Students who attend on campus should be aware that they may be recorded during the seminar.

Students participate in Discussion Forums on the subject web site, complete the Review Quizzes for each topic on the web site, complete the assigned readings and activities in the Study Guides and seminars, and complete any additional exercises for each topic.

Students who attend on campus seminars will participate in individual and small group activities and discussion.

There is a practicum component associated with this subject, please refer to the Practicum Handbook which is available on the unit web site.

Off-campus students may participate in selected on-campus sessions through Skype. Further information will be provided through the iLearn site.

Response to Student Feedback

Student feedback to our units is generally very positive, and we retain practices that students appreciate. We have made some changes to units as a result of feedback:

Discussion forum posts are a required component

Two feedback session are offered after the Problem Solving exercises

Assessment quizzes have been removed

Optional seminars

These are typically used for problem solving or delivery of new content. See the “Topics” table for further details. Any student may choose to attend an optional seminar.

Feedback Seminars

At these seminars students may view their marked Problem Solving Exercises and the lecturer will discuss each question and respond to questions. Students who attend these sessions may make an appointment for further individual feedback if they wish. Feedback seminars will be offered more than once for each Problem Solving Exercise. Students should be aware that if they choose not to attend these seminars, individual appointments will not be made unless there is a serious reason for non-attendance (such as a documented illness). The seminars will be recorded for distance students outside the Sydney area (see Assessment) to view under supervision.
Compulsory Seminars – Problem Solving Exercises

External students living in the Sydney metropolitan area and all internal students must attend in-class assessment seminars. There is no compulsory on-campus attendance for students completing the unit externally outside the Sydney metropolitan area. The Sydney metropolitan area is normally considered to be the area bounded by Engadine in the south, Campbelltown in the southwest, Penrith in the west, North Richmond in the northwest and Brooklyn in the north. Final decisions about boundaries are at the discretion of the External Student Supervision Coordinator (Dr Alison Madelaine).

Drop-in Sessions

One-hour drop-in sessions may be offered during the semester. These sessions provide students with additional opportunities to ask questions or discuss issues of concern. Please note, these sessions will ONLY function to address student questions – there is no point attending unless you have a question to ask or issues to discuss. If there are no students attending in the first 15 minutes of a drop-in session, it will be cancelled.

Review Quizzes

Generally, there will be a Review Quiz for topics in the unit, available on the unit website. These quizzes enable you to monitor your own learning. The review quizzes will remain open throughout the semester.

What are Review Quizzes?

Review quizzes are online assessments in multiple-choice format. There is one quiz for each topic in the unit. We strongly suggest you complete the Review Quiz for each topic as a means of monitoring your own learning.

How do I do Review quizzes?

The quizzes may be taken by logging on to the unit website and scrolling down to the link to the quiz within each topic section.

I’m concerned about doing an online quiz. What should I do?

A “dummy quiz” has been set up to give you some practice and allow you to get used to the quiz module. You may attempt the dummy quiz as many times as you like. It is strongly recommended that every student attempt the dummy quiz each semester. The dummy quiz is in the first section of the website under the headings “THINGS YOU SHOULD DO” and “Attempt the Dummy Quiz”. Click on the link to open the quiz.

How do I know my attempt at a review quiz has been successful?

You will receive confirmation that your quiz has been submitted. Your mark will be available in “Grades”. Once you have completed the quiz, you should be able to view your answers and the feedback. If you are concerned about your mark, contact the unit convenor to discuss your results.

How many times may I attempt a quiz?

https://unitguides.mq.edu.au/unit_offers/31745/unit_guide/print
You may attempt review quizzes as often as you like. Review quizzes are not part of the assessment, they allow you to monitor and review your own learning.

**I can’t access the quiz or it won’t work correctly?**

Such problems are ALMOST ALWAYS RELATED TO USING AN INCORRECT BROWSER. Firefox is the recommended browser for iLearn. Contact IT Help if you have problems.

**Downloadable Documents**

All study guides and resource materials must be downloaded from the web site. Readings must be downloaded from the eReserve web site in the library, or from other sites as indicated in the Study Guide.

**Echo360 and iLecture**

**What is Echo360?**

Topics in this unit will involve a seminar recording via Echo360.

Seminars recorded this year will be available through Echo360.

Presentations will typically consist of video or audio. They are accessed from the unit website. The presentation may include elucidation of the reading, additional information and practical exercises. Seminars should be viewed after your have completed the relevant reading for a topic.

Information about using Echo360 is available at

http://mq.edu.au/iLearn/student_info/lecture_recordings.htm

and


**What do I need to do before I access Echo360?**

In order to use Echo360 you will need QuickTime or other video player software (iTunes, VLC or Windows Media Player) and Flash for streaming playback or for downloading. You can download QuickTime through the iLearn site and you will be prompted to install Flash when you first access Echo360, if it is not already installed on your computer.

**What if I can’t get the Echo360 working?**

Don’t panic. Contact the Student IT Help Desk

**Phone:** (02) 9850 HELP (4357) (option 1) or freecall 1800 67 4357 **Email:** help@mq.edu.au

**Face to Face:** Building C5C Room 244, Macquarie University

**Website:** http://informatics.mq.edu.au/help/

**IT Onehelp ticket lodgement:** https://help.mq.edu.au/cgi-bin/WebObjects/OneHelp.woa

**Discussion Forums**

Important information about the unit will be posted in Discussions in the “General” section. You should check it regularly – TWICE a week should be considered a minimum.
There will also be a Discussion Forum for each topic where students can post questions or comments and discuss the issues raised during the unit. These topics will remain open for the duration of the unit. Students are required to contribute 10 posts to these Forums as part of the assessment requirements for this unit (See Assessment Tasks).

Although unit convenors typically check the Discussion Forums daily (on weekdays), they will not respond to all posts, as discussion between students may be more appropriate.

**Dialogue**

Preferably, unit related messages should be directed to unit staff using Dialogue on the web site. Questions that you have that are relevant to others in the unit should be posted in Discussion Forums. If you send such questions using Dialogue, they may be posted anonymously and answered in Discussions.

**DVD**

Feedback on Problem Solving Exercises for students outside the Sydney area and for international students will be presented on DVD. You should check that you have access to a suitable DVD player or computer.

Enquiries regarding all despatch and student postgraduate materials should be directed to: Natalie.Watson@mq.edu.au

**SKYPE**

Off-campus students will be able to participate in selected on-campus sessions through Skype audio-conferencing.

This is a MUSEC initiative, and is not supported via the Library or IT Help-desk. You will need a computer no older than five years with Skype installed, a broadband connection (at least 15kpbs download speed). You will also need a set of headphones with an attached microphone. More information is available through the website.

**Unit Schedule**

Classes

All seminars are in Room 130 at MUSEC Building X5A. There are two compulsory assessment seminars that MUST be attended by internal students and external students living in the Sydney metropolitan area. All remaining seminars are optional.

NOTE: Only afternoon seminars are available, except for the compulsory assessment seminars, which will be available in both the morning and afternoon.

Seminars will vary in length depending on the content to be covered.

These dates are for Thursday of each semester week.

All sessions are held on Thursdays.

Seminars will vary in length but will generally be a maximum of 3 hours.
<table>
<thead>
<tr>
<th>Date</th>
<th>Time</th>
<th>Seminar Format</th>
</tr>
</thead>
<tbody>
<tr>
<td>28/2</td>
<td>5.00pm</td>
<td>Optional Seminar: Unit Organisation and Access</td>
</tr>
<tr>
<td>7/3</td>
<td>5.00pm</td>
<td>Module 1 (Topic 1 and Topic 2 )</td>
</tr>
<tr>
<td>14/3</td>
<td>5.00pm</td>
<td>Module 2</td>
</tr>
<tr>
<td>21/3</td>
<td>5.00pm</td>
<td>Optional Drop-in Session</td>
</tr>
<tr>
<td>28/3</td>
<td>5.00pm</td>
<td>Optional Drop-in session</td>
</tr>
<tr>
<td>4/4</td>
<td>5.00pm</td>
<td>Optional Seminar: Problem Solving</td>
</tr>
<tr>
<td>11/4</td>
<td>9.30am-1pm or 5pm-8.30pm</td>
<td>Problem Solving Exercise I ( Modules 1 and 2 and Topic 1 &amp; 2 from Module 3 )</td>
</tr>
<tr>
<td></td>
<td></td>
<td>COMPULSORY SEMINAR (for internal students and external students living in the Sydney metropolitan area)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>UNIVERSITY BREAK</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWO WEEKS</td>
</tr>
<tr>
<td>2/5</td>
<td>5.00pm</td>
<td>Optional Seminar: Feedback on Problem Solving Exercise 1</td>
</tr>
<tr>
<td>29/4 to 17/5</td>
<td></td>
<td>FULL-TIME PRAC BLOCK</td>
</tr>
<tr>
<td></td>
<td></td>
<td>THREE WEEKS</td>
</tr>
<tr>
<td>23/5</td>
<td>5.00pm</td>
<td>Repeat Optional Seminar: Feedback on Problem Solving Exercise 1</td>
</tr>
<tr>
<td>30/5</td>
<td>5.00pm</td>
<td>Module 5</td>
</tr>
<tr>
<td>6/6</td>
<td>5.00pm</td>
<td>Optional Seminar: Problem Solving</td>
</tr>
<tr>
<td>13/6</td>
<td>9.30am-1pm or 5pm-8.30pm</td>
<td>Problem Solving Exercise II</td>
</tr>
<tr>
<td></td>
<td></td>
<td>COMPULSORY SEMINAR (for internal students and external students living in the Sydney metropolitan area)</td>
</tr>
<tr>
<td>20/6</td>
<td>5.00pm</td>
<td>Optional Seminar: Feedback on Problem Solving Exercise II</td>
</tr>
<tr>
<td>27/6</td>
<td>5.00pm</td>
<td>Repeat Optional Seminar: Feedback on Problem Solving Exercise II</td>
</tr>
</tbody>
</table>

**Topics**

The following table gives an overview of topics covered in the unit and the suggestion completion date.
## Policies and Procedures

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

- **Special Consideration Policy** [http://www.mq.edu.au/policy/docs/special_consideration/policy.html](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](http://www.mq.edu.au/policy/)


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<table>
<thead>
<tr>
<th>Module</th>
<th>Recommended Completion Date</th>
<th>Content</th>
<th>Format</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>14/3</td>
<td>Introduction Mathematical Knowledge Approaches to Numeracy to students with special education needs</td>
<td>On campus or Internet Presentation</td>
</tr>
<tr>
<td>2</td>
<td>21/3</td>
<td>Assessment of numeracy skills Testing and teaching early numeration skills (Number sense)</td>
<td>On campus or Internet Presentation</td>
</tr>
<tr>
<td>3</td>
<td>4/4</td>
<td>Testing and teaching procedural strategies (Addition) Testing and teaching procedural strategies (Subtraction) Role of concrete materials in mathematics instruction.</td>
<td>Internet Presentation</td>
</tr>
<tr>
<td>4</td>
<td>23/5</td>
<td>Testing and teaching procedural strategies (Multiplication) Testing and teaching procedural strategies (Division)</td>
<td>On Campus or Internet Presentation</td>
</tr>
<tr>
<td>5</td>
<td>6/6</td>
<td>Testing and teaching problem solving skills. Testing and teaching functional mathematical skills.</td>
<td>On-campus or Internet Presentation</td>
</tr>
</tbody>
</table>
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 Portal

The Student Portal (myMQ), provides the gateway to information for current students. It has been designed to bring all student resources to one location. The Portal contains links to:

• Student Email and Calendar
• Online Units
• eStudent?
• askMQ
• and many other student and university resources

Access the portal at http://students.mq.edu.au/home/.

The link for First Time Login is on this page. You must complete this login to get access to other sites such as eStudent.

The link to eStudent is on the Student Portal Page

eStudent is where students can enrol online, change their study programs, view their academic record, receive announcements from the university, as well as change some personal information that may become out of date. End of semester results can also be found on the eStudent web site. You must complete a “First Time Login” before you can access eStudent.

If you are having problems accessing the site (e.g. password/browser/technical issues) contact the Helpdesk - see the IT Help section of this guide

Check the eStudent Noticeboard and your university email weekly for important communication from the university such as advice of iLearn outages.

AskMQ

Visit http://ask.mq.edu.au to find answers to your student administration questions. Search the Q & A Section for answers and, if you can't find what you're looking for, submit an online enquiry and get a response to your official Macquarie University student email address. Requests for Special Consideration and Appeals against Final Grades should be submitted through this web site and the responses will come through your MQ email.
Student Enquiry Service
Details of these services can be accessed at http://www.student.mq.edu.au/ses/.

Equity 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.

Students with a disability are encouraged to contact the Disability Support Unit who can provide appropriate help with any issues that arise during their studies.

The Disability Support Unit provides support and assistance to students with a disability/health condition in aiming to ensure that they do not experience disadvantage in reaching their academic potential. Service provision is determined on a case-by-case basis following an assessment of a student’s needs and the provision of supporting documentation. Service provision is also dependent on the availability of resources.

To register with DSU, download a Campus Well-being Registration form from www.registrar.mq.edu.au/academic-index.htm. This form must be completed annually, irrespective of whether a disability/health condition is temporary, long-term or permanent.

Students wishing to request support services from the DSU should make an appointment to see a Disability Advisor IMMEDIATELY AFTER ENROLLING at Macquarie University. If you are not registered with the Disability Support Unit at the time of an assessment task, you may not be provided with any accommodations.

• Phone: 02 9850 6494
• Fax: 02 9850 6063
• TTY: 02 9850 6493
• email: disability@mq.edu.au
• in person: Level 2, Lincoln Building (C8A), Macquarie University
• website: http://www.campuslife.mq.edu.au/campus-wellbeing/disability-support-unit

It is strongly recommended that you contact convenors IMMEDIATELY AFTER ENROLLING (or as soon as possible for temporary disabilities) to discuss adaptations that may assist you in the successful negotiation of units within the Macquarie University Special Education Centre.

Typically, we require a minimum of three weeks notice to be able to ensure that accommodations for problem solving exercises or in-class assessments can be put into place.

MUSEC Academic Disability Liaison Officer
Dr Jennifer Stephenson
Macquarie University Special Education Centre
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**

- Describe and apply the range of appropriate assessment strategies relevant to numeracy skills of an individual.
- Describe and apply a range of instructional strategies relevant to the numeracy skills of individuals.
- Demonstrate a deep knowledge and understanding of core concepts and principles relevant to assessment in intervention in the area of numeracy.
- Utilise professional knowledge and capacity for problem solving to select, develop and implement appropriate assessment and intervention strategies to meet the needs of...
particular individuals.

- Draw on unit content, professional experience and the research literature to evaluate and critically reflect on a range of contemporary practices relevant to the development of numeracy skills in individuals.
- Critically reflect on the research base underlying our current knowledge and identify both strengths and weaknesses in approaches to addressing numeracy problems in individuals.
- Demonstrate competency in special education practice during professional experience.

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

- Describe and apply the range of appropriate assessment strategies relevant to numeracy skills of an individual.
- Describe and apply a range of instructional strategies relevant to the numeracy skills of individuals.
- Demonstrate a deep knowledge and understanding of core concepts and principles relevant to assessment in intervention in the area of numeracy.
- Utilise professional knowledge and capacity for problem solving to select, develop and implement appropriate assessment and intervention strategies to meet the needs of particular individuals.
- Draw on unit content, professional experience and the research literature to evaluate and critically reflect on a range of contemporary practices relevant to the development of numeracy skills in individuals.
- Critically reflect on the research base underlying our current knowledge and identify both strengths and weaknesses in approaches to addressing numeracy problems in individuals.
- Demonstrate competency in special education practice during professional experience.

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**

- Describe and apply the range of appropriate assessment strategies relevant to numeracy skills of an individual.
- Describe and apply a range of instructional strategies relevant to the numeracy skills of individuals.
- Utilise professional knowledge and capacity for problem solving to select, develop and implement appropriate assessment and intervention strategies to meet the needs of particular individuals.
- Critically reflect on the research base underlying our current knowledge and identify both strengths and weaknesses in approaches to addressing numeracy problems in individuals.
- Demonstrate competency in special education practice during professional experience.

**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**

- Describe and apply the range of appropriate assessment strategies relevant to numeracy skills of an individual.
- Describe and apply a range of instructional strategies relevant to the numeracy skills of individuals.
- Demonstrate a deep knowledge and understanding of core concepts and principles relevant to assessment in intervention in the area of numeracy.
- Utilise professional knowledge and capacity for problem solving to select, develop and implement appropriate assessment and intervention strategies to meet the needs of particular individuals.
- Draw on unit content, professional experience and the research literature to evaluate and critically reflect on a range of contemporary practices relevant to the development of numeracy skills in individuals.
- Critically reflect on the research base underlying our current knowledge and identify both
strengths and weaknesses in approaches to addressing numeracy problems in individuals.

- Demonstrate competency in special education practice during professional experience.

**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**

- Describe and apply the range of appropriate assessment strategies relevant to numeracy skills of an individual.
- Demonstrate a deep knowledge and understanding of core concepts and principles relevant to assessment in intervention in the area of numeracy.
- Utilise professional knowledge and capacity for problem solving to select, develop and implement appropriate assessment and intervention strategies to meet the needs of particular individuals.
- Critically reflect on the research base underlying our current knowledge and identify both strengths and weaknesses in approaches to addressing numeracy problems in individuals.
- Demonstrate competency in special education practice during professional experience.

**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**

- Describe and apply the range of appropriate assessment strategies relevant to numeracy skills of an individual.
- Demonstrate a deep knowledge and understanding of core concepts and principles relevant to assessment in intervention in the area of numeracy.
- Utilise professional knowledge and capacity for problem solving to select, develop and implement appropriate assessment and intervention strategies to meet the needs of
particular individuals.
• Draw on unit content, professional experience and the research literature to evaluate and critically reflect on a range of contemporary practices relevant to the development of numeracy skills in individuals.
• Critically reflect on the research base underlying our current knowledge and identify both strengths and weaknesses in approaches to addressing numeracy problems in individuals.
• Demonstrate competency in special education practice during professional experience.

Assessment - General Information

Rationale for Modes of Assessment

1. Practicum – There is a five-day practicum placement linked to this unit. Competency based practicum assessment ensures students can apply in the classroom, the principles and strategies taught in the unit.

2. Online participation – participation in on-line discussion assists students to develop an understanding of each Topic, provides an opportunity for self and peer assessment and provides a means of regular feedback on academic progress.

3. Problem Solving Exercises are designed to assess understanding, problem solving and application of concepts, principles and strategies covered in the unit. The Problem Solving Exercises may address skills such as assessment, writing objectives and selecting, applying and justifying intervention and assessment strategies.

4. Assignments are designed to enable you to reflect more deeply on a particular problem or scenario and to write a considered response.

Assessment Weighting

There are several components of the assessment in this unit. All components must be completed. If you fail to complete all assessment components, a passing grade will not be awarded. You must pass the practicum and you must get an overall pass in the graded components. The overall pass for the unit will be determined by the weighted total of the passing scores for individual components. Please note there is a requirement to satisfactorily complete FIVE DAYS of practicum for this unit.

Marking Criteria and Performance Descriptors for Problem Solving Exercises and Assignment

Marking Criteria

In general, markers will be looking for the following qualities in your responses to the questions and scenarios in problem solving exercises:

• Concise address of the central points in the scenarios provided.
• Appropriate and high quality critical analysis and justification where needed.
• Integration of information from relevant content in the unit.
• Evidence of generalisation of the concepts and principles addressed in the unit to new examples.
• Evidence of a deep understanding of the principles underpinning assessment and intervention.

You are encouraged to evaluate your work against these criteria.

**Performance Descriptors**

<table>
<thead>
<tr>
<th>Level</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>High Distinction</strong></td>
<td>There is pervasive address of critical points in all responses and a demonstration of deep understanding of all key principles. There are appropriate and concise justifications, descriptions or analyses integrating relevant information. There is no evidence of consequential gaps in understanding of basic principles and a clear ability to generalise concepts and principles to the most difficult examples.</td>
</tr>
<tr>
<td><strong>Distinction</strong></td>
<td>There is extensive address of the critical points in all responses and a demonstration of deep understanding of all key principles. There are appropriate and concise justifications or analyses integrating relevant information. There is no evidence of consequential gaps in understanding of basic principles although students may have difficulty in applying some concepts and principles to the most difficult examples.</td>
</tr>
<tr>
<td><strong>Credit</strong></td>
<td>There is strong address of the critical points in the vast majority of responses and a deep understanding of the majority of key principles. There are appropriate and concise justifications, descriptions or analyses integrating relevant information. There may be a small number of consequential gaps in understanding of basic principles. Students may have difficulty in applying some concepts and principles to a limited number of examples.</td>
</tr>
<tr>
<td><strong>Pass</strong></td>
<td>There is solid address of the critical points in the majority of responses and a demonstration of deep understanding of most key principles. There are appropriate and concise justifications, descriptions and analysis integrating relevant information. Students may have difficulty in applying some concepts and principles to some examples.</td>
</tr>
<tr>
<td><strong>Fail</strong></td>
<td>There is poor address of the critical points in the majority of responses. There is little evidence of deep understanding of principles. Justifications, descriptions and analyses would often be incomplete and/or unclear. Students demonstrate a poor understanding of the majority of concepts and principles and are only able to apply these to a minority of examples.</td>
</tr>
</tbody>
</table>

**Resubmission**

Students are required to gain an overall pass on the unit but do not have to pass all assessment components. If you perform poorly on one component, you may compensate for this with an improved performance in the other component(s). Resubmission of assessments is not permitted.

**Appeals against grades for individual assessment components**

If any student has concern about the marking of an assessment, they must:

1. Consult the member of staff who marked the work.
2. If there is no satisfactory resolution, an appeal should be made in writing to the unit convenor within **one week** of the marked assessment being returned or of results being made available. The student should explicitly state the basis of the appeal.
The unit convenor will review the marking and may, at their discretion, ask for re-marking by a second marker. If re-marking by a second marker is judged appropriate, the final mark will normally be the average of the two marks awarded for the assessment task. Students should note that the revised mark for the task may be higher, the same or lower than the original mark. Please note that it is MUSEC policy to double mark all failing assessments.

The decision of the unit convenor is final.

**Appeals against final unit grades**


You should also read the policy at [http://www.mq.edu.au/policy/docs/gradeappeal/policy.html](http://www.mq.edu.au/policy/docs/gradeappeal/policy.html)

The first step of the appeal process must be made within 20 days of the release of the unit results. As for requests for special consideration, appeals against finals grades must be made through [http://ask.mq.edu.au](http://ask.mq.edu.au).

The University defines plagiarism in its rules: "Plagiarism involves using the work of another person and presenting it as one's own." Plagiarism is a serious breach of the University's rules and carries significant penalties.

**Academic Honesty**

You must read the University's practices and procedures on Academic Honesty. These on the web at: [http://www.mq.edu.au/policy/docs/academic_honesty/policy.html](http://www.mq.edu.au/policy/docs/academic_honesty/policy.html)

The policies and procedures explain what academic honesty and plagiarism are, how to avoid plagiarism, the procedures that will be taken in cases of suspected plagiarism, and the penalties if you are found guilty. Penalties may include a deduction of marks, failure in the unit, and/or referral to the University Discipline Committee. Details of possible penalties are at [http://www.mq.edu.au/policy/docs/academic_honesty/schedule_penalties.html](http://www.mq.edu.au/policy/docs/academic_honesty/schedule_penalties.html)

Other important points:

- Close paraphrasing of another persons' writing is considered to be plagiarism. You must express ideas using your own words.
- Claim of ignorance of the University policy on plagiarism is NOT a defence within MUSEC. If you do not understand the preceding information, please seek advice from a member of the academic staff.

**University Assessment Policies**

The University Assessment Policy, Code of Practice and Procedures are available at


**Standardised Transcript Marks**

Your overall unit result will be assigned a standardised numerical grade (SNG) on your University transcript. High Distinction grades are assigned a mark between 85 and 100, Distinction grades between 75 and 84, Credit grades between 65 and 74, Pass grades between 50 and 64, and Fail grades below 50. For further information, see the Grading Policy.

**SNGs CORRESPOND WITH LETTER GRADES AWARDED THROUGHOUT THE UNIT (I.E., HD, D, CR, P, F) BUT DO NOT DIRECTLY CORRESPOND PERCENTAGE MARKS FOR INDIVIDUAL ASSESSMENTS.**

**Grade Descriptors**

The following generic grade descriptors are applied across the university.

**High Distinction** Provides consistent evidence of deep and critical understanding in relation to the learning outcomes. There is substantial originality and insight in identifying, generating and communicating competing arguments, perspectives or problem solving approaches; critical evaluation of problems, their solutions and their implications; creativity in application as appropriate to the discipline.

**Distinction** Provides evidence of integration and evaluation of critical ideas, principles and theories, distinctive insight and ability in applying relevant skills and concepts in relation to learning outcomes. There is demonstration of frequent originality in defining and analysing issues or problems and providing solutions; and the use of means of communication appropriate to the discipline and the audience.

**Credit** Provides evidence of learning that goes beyond replication of content knowledge or skills relevant to the learning outcomes. There is demonstration of substantial understanding of fundamental concepts in the field of study and the ability to apply these concepts in a variety of contexts; convincing argumentation with appropriate coherent justification; communication of ideas fluently and clearly in terms of the conventions of the discipline.

**Pass** Provides sufficient evidence of the achievement of learning outcomes. There is demonstration of understanding and application of fundamental concepts of the field of study; routine argumentation with acceptable justification; communication of information and ideas adequately in terms of the conventions of the discipline. The learning attainment is considered satisfactory or adequate or competent or capable in relation to the specified outcomes.

**Fail** Does not provide evidence of attainment of learning outcomes. There is missing or partial or superficial or faulty understanding and application of the fundamental concepts in the field of study; missing, undeveloped, inappropriate or confusing argumentation; incomplete, confusing or lacking communication of ideas in ways that give little attention to the conventions of the discipline.

**Fail Grades**

Entry into units in the postgraduate coursework program requires a clear pass (i.e., a final unit grade of at least “C” or “P”) in all previously completed SPED units. That is, you will not be granted automatic entry into units if you have failures in previously attempted SPED prefixed
units. If you have failing grades on our record (1) you may be allowed to continue at the
discretion of the Director of MUSEC (or nominee) with a waiver, or, (2) You may be required to
reattempt the relevant units until a clear pass is obtained.

Students with fail grades MUST seek academic advice before attempting to re-enrol.

**Satisfactory Progress**

Students are expected to maintain satisfactory progress in a course/program of study. Normally,
students will be asked to **show cause** why their candidature should not be terminated if they fail
any unit twice. Further, students may be asked to show cause if they receive more than two
conceded passes and/or failures in a course/program of study.

Further information and forms are available at

http://www.reg.mq.edu.au/academic-index.html

**Pathways Upgrade**

Students who successfully complete the requirements for a Postgraduate Certificate may have
these units credited towards an upgrade to a Postgraduate Diploma or Master of Special
Education. Students who successfully complete a Postgraduate Diploma may have these units
credited towards an upgrade to the Master of Special Education.

Students will not normally be considered for a pathway upgrade if they have more than one
conceded pass and/or failure in a course/program of study.

**Special Consideration**

If your studies are seriously and unavoidably disrupted for more than three days, you may apply
for special consideration. The university policy on Special Consideration is at http://www.mq.edu.au/policy/docs/special_consideration/policy.html and the Procedures to be followed are at http://www.mq.edu.au/policy/docs/special_consideration/procedure.html

You must submit your request within five (5) working days of the event and you are expected to
provide documentary evidence.

A link to information and forms is at https://ask.mq.edu.au/kb.php?record=ce7c4e38-4f82-c4d7-95b1-4e2ee8fd075f&9

Special Consideration applications must be submitted through this website.

**Supervisor Nomination**

Supervisor nomination forms may be downloaded from the home page of the unit.

**Teaching Staff**

This unit will be convened and taught by Dr Toni Hopper
If the telephone is unattended or engaged, you will automatically be switched to voicemail. Your message will be automatically time-stamped and the call returned as soon as possible.

**Consultation hours**

Consultation hours are Thursday 3-5pm during teaching weeks. Students may attend during these times without appointment. Occasionally, due to unforeseen circumstances, the unit staff may not be available for consultation at the nominated time. Notification will be provided of any such changes in the Forum section of the web site.

Internet audio and video conferencing is also using Skype.

**Appointments**

Appointments outside consultation hours can be arranged by contacting staff members directly. Contact details are provided above.

**Texts and Readings**

**Text**


This textbook may be obtained from the Co-Op Bookshop who may be contacted by telephone on (02) 8986 4016 or by Fax on (02) 8986 4099

**Required Reading**

Compulsory readings may be downloaded from the eReserve section of the Library web site at: http://www.library.mq.edu.au/reserve/ or from sites advised in the study guide.

Required readings should be completed prior to viewing the relevant Echo360 recording or seminar and in conjunction with the study guide.

**Unit Rational**

SPED805 is mandatory for the M Sp Ed, PG Dip and the PG Certificate in Learning Difficulties.

**Unit Web Page**

**Access**

An iLearn web site has been established to support the unit. The site will offer the option of discussion forums on specific topics and dialogue (private communication) within the unit. Required study materials, review quizzes and assessment quizzes are available on the web site.
You should check the web site at least twice a week. You will NOT receive any material in the mail. ALL communication is through the web site.

The web site for the unit may be accessed at:

https://ilearn.mq.edu.au/

Information about using iLearn is available at

http://www.mq.edu.au/iLearn/student_info/

This page includes information and links (on the left hand side of the page) about topics such as:

- Navigating iLearn
- Using discussion forums
- Getting started with iLearn
- Student guides

**How do I get a password?**

Your username for iLearn is your student ID number (as found on your Campus Card). Your password will be the same password that you use to access myMQ Student Portal. If you have not yet accessed myMQ, your password will be your initial MQID password mailed to you after you enrolled (two random characters followed by your birth date).

**What if I have password problems or need IT help?**

If you have password problems or any other difficulties accessing the web site please contact:

Student IT Help

**Phone:** (02) 9850 HELP (4357) (option 1) or freecall 1800 67 4357  
**Email:** help@mq.edu.au  
**Face to Face:** Building C5C Room 244, Macquarie University

**Website:** http://informatics.mq.edu.au/help/

**IT Onehelp ticket lodgement:** https://help.mq.edu.au/cgi-bin/WebObjects/OneHelp.woa

**PLEASE NOTE:** If you have contacted IT help and still have difficulty obtaining your username and password and are still UNABLE to access unit websites at the end of the first week of semester, please contact Natalie Watson (Natalie.Watson@mq.edu.au) at MUSEC. Arrangements may be made to email you important materials.

**Where do I start**

To get you started in this unit, tick off the following steps as they are completed:

<table>
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<th>TICK</th>
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<td>Carefully read this unit guide.</td>
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<td>Carefully read this unit guide for a second time.</td>
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Go to the unit web site in iLearn (from Friday 22 February) and check Dialogue, Discussion Forums and Announcements for messages.

If you have problems accessing the web site, contact IT help urgently.

Go to the "Start Here!" section of the web site, read and follow the instructions.

While you are on the web site, check the arrangements for Practicum associated with your course and this unit in the Practicum Handbook (see the link on the web site). Take or plan the appropriate action now.

Go to the Topic 1 section of the web site starting in week 1 and follow the instructions.