

EPPREP 840: LANTITE: Numeracy for Preservice Teachers

Callaghan

Summer 2 - 2024



The Pathways and Academic Learning Support Centre recognises and respects the unique history and culture of Aboriginal and Torres Strait Islander peoples and their unbroken relationship with the lands and the waters of Australia over millennia. We are dedicated to reconciliation and to offering opportunities for Aboriginal and Torres Strait Islander peoples to access and succeed in higher education. The Centre is committed to providing a culturally safe and inclusive environment for all.

OVERVIEW

Course Description LANTITE: Numeracy for Preservice Teachers is designed as a starting point for education students to prepare for their LANTITE numeracy test. As such, we focus on interpreting and communicating important non-technical mathematical information and using such information to solve everyday problems.

Academic Progress Requirements Nil

Contact Hours
Computer Lab
Face to Face On Campus
1 hour(s) per day for 5 day(s) starting Week 1

Lecture
Face to Face On Campus
2 hour(s) per day for 5 day(s) starting Week 1

Self-Directed Learning
Self-Directed
1 hour(s) per day for 5 day(s) starting Week 1
It is expected that you will spend at least one hour per day practicing skills and consolidating your learning.

Unit Weighting 5

Workload Students are required to spend on average 20 hours of effort (contact and non-contact) including assessments per 5 unit course.

COURSE OUTLINE

CONTACTS

Course Coordinator **Mr Ben Brawn**

Ben.Brawn@newcastle.edu.au

(02) 4921 6683

Consultation: Please email to schedule an appointment.

Teaching Staff Other teaching staff will be advised on the course Canvas site.

School Office

Callaghan

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SYLLABUS

Course Content

- Non-technical number and algebra
- Non-technical measurement and geometry
- Non-technical statistics and probability

Course Learning Outcomes

On successful completion of this course, students will be able to:

1. Identify mathematical information and meaning in activities and texts.
2. Use and apply mathematical knowledge and problem-solving processes.
3. Interpret, evaluate, communicate and represent mathematics.

Course Materials

All course materials will be provided on the course Canvas site. Students are not required to purchase a textbook or calculator.

ASSESSMENTS

This course has 5 assessments. Each assessment is described in more detail in the sections below.

	Assessment Name	Due Date	Involvement	Weighting	Learning Outcomes
1	Number and Algebra 1	Sunday 11 th February 11.59pm	Individual	20%	1, 2, 3
2	Number and Algebra 2	Sunday 11 th February 11.59pm	Individual	20%	1, 2, 3
3	Measurement and Geometry	Sunday 11 th February 11.59pm	Individual	20%	1, 2, 3
4	Statistics and Probability	Sunday 11 th February 11.59pm	Individual	20%	1, 2, 3
5	Non-calculator Skills	Sunday 11 th February 11.59pm	Individual	20%	1, 2, 3

Late Submissions

Completion of each assessment item is necessary for a pass grade in this course. Extensions of time may be granted in consultation with your Course Coordinator.

Assessment 1 - Number and Algebra 1

Assessment Type	Quiz
Description	A 20-minute summative assessment on content from the first half of the number and algebra topic
Weighting	20%
Due Date	Sunday 11 th February 11.59pm
Submission Method	Online
Assessment Criteria	Correct answers
Return Method	Online
Feedback Provided	Feedback will be provided in Canvas upon completion of the quiz

Assessment 2 - Number and Algebra 2

Assessment Type	Quiz
Description	A 30-minute summative assessment on content from the second half of the number and algebra
Weighting	20%
Due Date	Sunday 11 th February 11.59pm
Submission Method	Online
Assessment Criteria	Correct answers
Return Method	Online
Feedback Provided	Feedback will be provided in Canvas upon completion of the quiz

Assessment 3 - Measurement and Geometry

Assessment Type	Quiz
Description	A 30-minute summative assessment on content from the measurement and geometry topic
Weighting	20%
Due Date	Sunday 11 th February 11.59pm
Submission Method	Online
Assessment Criteria	Correct answers
Return Method	Online
Feedback Provided	Feedback will be provided in Canvas upon completion of the quiz

Assessment 4 - Statistics and Probability

Assessment Type	Quiz
Description	A 30-minute summative assessment on content from the statistics and probability topic
Weighting	20%
Due Date	Sunday 11 th February 11.59pm
Submission Method	Online
Assessment Criteria	Correct answers
Return Method	Online
Feedback Provided	Feedback will be provided in Canvas upon completion of the quiz

Assessment 5 - Non-calculator Skills

Assessment Type	Quiz
Description	A 30-minute summative assessment on non-calculator skills
Weighting	20%
Due Date	Sunday 11 th February 11.59pm
Submission Method	Online
Assessment Criteria	Correct answers
Return Method	Online
Feedback Provided	Feedback will be provided in Canvas upon completion of the quiz

ADDITIONAL INFORMATION

Grading Scheme

This course is graded as follows:

Grade	Description
Ungraded Pass (UP)	There are no marks associated with this result and you have met the level requirements to pass the course.
Fail (FF)	Failure to satisfactorily achieve assessment objectives or compulsory course requirements. A fail grade may also be awarded following disciplinary action.

Communication Methods

Email is the principal form of communication at the university and within this course. Always use your student email (NUmail), rather than a private email address, and check this regularly. As Course Coordinator I will try to respond to your email within three (3) working days. I will not normally respond to emails over the weekends. Please be courteous in your email communication and in the online space. The University of Newcastle has a [Code of Conduct](#) that covers all communications in the University for staff and students.

Canvas is used to distribute course material, announcements and other information. It is also used for online quizzes and to allow students to track their individual progressive assessment results via Grades.

Discussions forums in Canvas can be used to ask questions about minor issues. Students are strongly encouraged to use these to communicate with each other, discuss issues relating to the course, and solve minor problems.

Adverse Circumstances

The University acknowledges the right of students to seek consideration for the impact of allowable adverse circumstances that may affect their performance in assessment item(s). Applications for Adverse Circumstances must be lodged via the online Adverse Circumstances system for all individual assessment items worth 30% or greater **by 11:00pm on the day the assessment is due**. For assessment items less than 30%, you will need to contact your Course Coordinator by 11:00pm on the due date of the assessment item.

Before applying you must refer to the [Adverse Circumstances Affecting Assessment Items Procedure](#) and the [Adverse Circumstances Affecting Assessment Items Policy](#).

Please note that students must submit their adverse circumstances application via the online Adverse Circumstances system by 11:00pm on the due date of the assessment item, even if you are using a [Reasonable Adjustment Plan \(RAP\)](#) as your supporting documentation.

Academic Misconduct

All students are required to meet the academic integrity standards of the University. These standards reinforce the importance of integrity and honesty in an academic environment. Academic Integrity policies apply to all students of the University in all modes of study and in all locations. Please refer to the [Student Academic Integrity Policy](#).

Workplace Health and Safety Requirements

There are no specific WH&S requirements for this course.

Important Policy Information

The Help button in the Canvas Navigation menu contains helpful information for using the Learning Management System. Students should familiarise themselves with the [policies and procedures](#) that support a safe and respectful environment at the University.

Course Evaluation

Each year feedback is sought from students and other stakeholders about the courses offered in the University for the purposes of identifying areas of excellence and potential improvement.

Timetable

Your timetable for this course is available via the myUni Student Portal and can also be found [here](#).

Software	Free Microsoft Office software is available to enrolled students here and includes 5 TB of free cloud storage with OneDrive.
Written Assessment Word Limits	Word limits for your written assessments includes headings, sub-heading, in-text citations, quotes and referencing but does not include the list of references, appendices and footnotes. You will not receive a penalty for exceeding the word limit (there is a tolerance of up to 10%), but any work after the maximum word limit may not be included within the allocation of marks.

This course outline was approved by the Director, PALS. No alteration of this course outline is permitted without Director approval. If a change is approved, students will be notified and an amended course outline will be provided in the same manner as the original.
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