



# Education and Social Work

## EDCURRIC 204 : Primary Mathematics and Statistics Education 2 (15 POINTS)

### Course Prescription

Develops the knowledge, skills and understanding for designing quality learning experiences for diverse learners. Considers questions related to primary school mathematics and statistics education such as: What are the concepts and learning progressions in the national curriculum? What theoretical models of teaching, learning and assessment best inform teachers about the growth of understanding? What constitutes effective teaching practice?

### Course Requirements

Prerequisite: EDCURRIC 104 Restriction: EDCURR 203, EDCURRM 204

### Capabilities Developed in this Course

- Capability 1: Disciplinary Knowledge and Practice
- Capability 2: Critical Thinking
- Capability 3: Solution Seeking
- Capability 4: Communication and Engagement
- Capability 5: Independence and Integrity
- Capability 6: Social and Environmental Responsibilities

Graduate Profile: [Bachelor of Education \(Teaching\)](#)

### Learning Outcomes

By the end of this course, students will be able to:

1. Demonstrate an understanding of concepts and learning progressions in the national curriculum (Capability 1.1, 1.2 and 4.1)
2. Identify and justify the selection of learning tasks in planned teaching sequences for diverse learners (Capability 2.2, 3.1 and 6.3)
3. Identify, explain and evaluate teaching strategies and assessment practices designed to promote learning in planned teaching sequences. (Capability 1.2, 3.1, 4.1, 5.1 and 6.2)

## Assessments

Assessment Type	Percentage	Classification
Assignments	30%	Group Coursework
Practical Problem Solving	20%	Individual Coursework
Final Test	50%	Individual Test
3 types	100%	

Assessment Type	Learning Outcome Addressed		
	1	2	3
Assignments	✓	✓	
Practical Problem Solving		✓	✓
Final Test	✓	✓	✓

To pass this course to the satisfaction of the examiner, you must complete and submit all three assessment tasks and get an overall course mark of at least 50%

The group assignment will be completed in class during the block course.

The practical problem solving assessment will be conducted in class over 4 sessions.

The final test is scheduled as a call back session, with the scheduled date and time dependent on practicum requirements.

## Workload Expectations

This course is a standard 15 point course. On average, students are expected to spend 10 hours per week in each 15 point course that they are enrolled in.

For this block course you should expect to commit 36 hours to direct contact via on-campus workshops.

You can also reasonably expect to commit approximately 100-120 hours to independent learning. This may include reading (and more reading), note-taking, face-to-face and/or online discussion, writing, engaging in collaborative group work, problem solving, undertaking practical tasks, reflecting on learning, accessing learning and study resources, and assignment, and exam preparation and completion.

## Delivery Mode

### Campus Experience

Attendance is [required/expected] at workshops to complete components of the course.

Tutorials will not be available as recordings.

The course will not include live online events.

Attendance on campus is required for all assessments

The activities for the course are scheduled as a block delivery.

### Learning Resources

There is no required course text book.

Required readings will be accessed through the University library.

Ministry of Education curriculum resources will be available online.

### Student Feedback

At the end of every semester students will be invited to give feedback on the course and teaching through a tool called SET or Qualtrics. The lecturers and course co-ordinators will consider all feedback and respond with summaries and actions.

Your feedback helps teachers to improve the course and its delivery for future students.

Class Representatives in each class can take feedback to the department and faculty staff-student consultative committees.

Greater focus on the incorporation of planning and links to curriculum documents will be integrated into the course.

### Digital Resources

Course materials are made available in a learning and collaboration tool called Canvas which also includes reading lists and lecture recordings (where available).

Please remember that the recording of any class on a personal device requires the permission of the instructor.

Weekly content and required readings will be accessed via weekly modules.

All assessment information will be located within the 'assignments' section.

Pervious year's exams can be located at <https://www.library.auckland.ac.nz/>

### Academic Integrity

The University of Auckland will not tolerate cheating, or assisting others to cheat, and views cheating in coursework as a serious academic offence. The work that a student submits for grading must be the student's own work, reflecting their learning. Where work from other sources is used, it must be properly acknowledged and referenced. This requirement also applies to sources on the internet. A student's assessed work may be reviewed against online source material using computerised detection mechanisms.

## Inclusive Learning

All students are asked to discuss any impairment related requirements privately, face to face and/or in written form with the course coordinator, lecturer or tutor.

Student Disability Services also provides support for students with a wide range of impairments, both visible and invisible, to succeed and excel at the University. For more information and contact details, please visit the [Student Disability Services' website](http://disability.auckland.ac.nz) <http://disability.auckland.ac.nz>

## Special Circumstances

If your ability to complete assessed coursework is affected by illness or other personal circumstances outside of your control, contact a member of teaching staff as soon as possible before the assessment is due.

If your personal circumstances significantly affect your performance, or preparation, for an exam or eligible written test, refer to the University's [aegrotat or compassionate consideration page](https://www.auckland.ac.nz/en/students/academic-information/exams-and-final-results/during-exams/aegrotat-and-compassionate-consideration.html) <https://www.auckland.ac.nz/en/students/academic-information/exams-and-final-results/during-exams/aegrotat-and-compassionate-consideration.html>.

This should be done as soon as possible and no later than seven days after the affected test or exam date.

## Learning Continuity

In the event of an unexpected disruption we undertake to maintain the continuity and standard of teaching and learning in all your courses throughout the year. If there are unexpected disruptions the University has contingency plans to ensure that access to your course continues and your assessment is fair, and not compromised. Some adjustments may need to be made in emergencies. You will be kept fully informed by your course co-ordinator, and if disruption occurs you should refer to the University Website for information about how to proceed.

## Student Charter and Responsibilities

The Student Charter assumes and acknowledges that students are active participants in the learning process and that they have responsibilities to the institution and the international community of scholars. The University expects that students will act at all times in a way that demonstrates respect for the rights of other students and staff so that the learning environment is both safe and productive. For further information visit [Student Charter](https://www.auckland.ac.nz/en/students/forms-policies-and-guidelines/student-policies-and-guidelines/student-charter.html) <https://www.auckland.ac.nz/en/students/forms-policies-and-guidelines/student-policies-and-guidelines/student-charter.html>.

## Disclaimer

Elements of this outline may be subject to change. The latest information about the course will be available for enrolled students in Canvas.

In this course you may be asked to submit your coursework assessments digitally. The University reserves the right to conduct scheduled tests and examinations for this course online or through the use of computers or other electronic devices. Where tests or examinations are conducted online remote invigilation arrangements may be used. The final decision on the completion mode for a test or examination, and remote invigilation arrangements where applicable, will be advised to students at least 10 days prior to the scheduled date of the assessment, or in the case of an examination when the examination timetable is published.