



Teaching Probability and Stats: Middle Years

Build on your knowledge as an educator and learn the best strategies for teaching probability and statistics to high school students.



Overview

When teaching mathematics, it's important that the concepts, strategies and activities are fresh or have been recently revised.

Teaching probability and statistics to students in Years 7-9 requires the ability to analyse and interpret, collect and visualise data. Activities that are engaging and display data in different and interesting ways are essential to ensuring students remain interested.

Evolve with QUTeX

Educational professionals who continue their professional development with QUTeX obtain real world, practical skills for the classroom.

With this online course you'll develop an understanding of analysing and interpreting data, visualising probability and get a refresher in mathematics.

Teaching probability and stats will also give you the skills to design and apply effective practical probability and statistics activities in the middle years.

More details

Module Plus – Teaching probability and stats: middle years

Extend your learning with the Module Plus. In the Module Plus, participants will apply the knowledge they acquired in the first module by completing an authentic assessment that can be used in their workplace. On completion of the Module Plus, participants will also earn credit for a postgraduate unit. For more information, please click [here](#).

Your expert facilitator

Professor Dann Mallet

Professor Dann Mallet is a mathematics education expert, pre-service teacher educator, and applied mathematician, who has won awards for university teaching excellence.



Course at a glance

Core Concepts

This online course covers a range of topics around teaching probability and statistics, including:

- collecting data through inquiry
- analysing and interpreting data
- organising and visualising probability
- explaining key mathematical concepts
- designing lesson plans
- applying effective strategies for teaching.

Certification

For this online module you will be issued a Certificate of Attainment for 13 hours of CPD.



6 April – 3 May 2020



Online



13 hours



Certificate of attainment for 13 hours of CPD.



From \$275.80



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Executive Course:

Teaching Probability and Stats: Middle Years



Who should participate?

This online course is for educators in early secondary school (Years 7-9 or from ages 12-14) who may not have trained as maths teachers but need the capabilities to teach mathematics.

It has also been designed for teachers who need a refresher in teaching maths using practical and engaging classroom activities.

For Australian educators, this module aligns with the following Australian Professional Standards for Teachers (APST):

- 1.2 Understand how students learn
- 2.1 Content and teaching strategies of the teaching area
- 2.5 Literacy and numeracy strategies
- 2.6 Information and Communication Technology
- 3.3 Using teaching strategies
- 3.4 Select and use resources
- 6.2 Engage in professional learning and improve practice
- 7.4 Engage with professional teaching networks and broader communities.

Registration Details

Registration Type

Early Bird registration (closes 4 weeks prior)	\$275.80 (inc. GST)
Standard registration (closes 10 days prior)	\$324.50 (inc. GST)
QUT Alumni/Staff registration (closes 10 days prior)	\$243.40 (inc. GST)
Group registration (5 or more) closes 10 days prior	\$275.80 (inc. GST)

When and where

6 April 2020 – 23 May 2020

This course runs for 4 weeks (13 hours in total, or approximately 3 hours per week).

This course will be held entirely online, via Blackboard, QUT's online learning platform. Blackboard access will remain active for 2 weeks after the course.



Get future fit. Fast.

For more information about this course or other learning solutions offered by QUTeX, please contact:

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