

NOVEMBER 30, 2020 – FEBRUARY 6, 2021

# MATHS FOR UNIVERSITY

**8 WEEKS**  
**COURSE OUTLINE**  
PRECALCULUS

**24 LESSONS** VIA **zoom**

WEEK 1 **FUNCTIONS**

WEEK 2 **FUNCTIONS**

WEEK 3 **TRIGONOMETRY**

WEEK 4 **TRIGONOMETRY**

WEEK 5 **LINEAR ALGEBRA**

WEEK 6 **LINEAR ALGEBRA**

WEEK 7 **CONIC SECTIONS**

WEEK 8 **SEQUENCES AND SERIES**

TUTOR

**ANDREW MENGEDE**

BACHELOR OF MATHEMATICS FROM **UNIVERSITY OF QUEENSLAND**

BACHELOR OF ARTS (GERMAN AND APPLIED MATHS) FROM **UNIVERSITY OF QUEENSLAND**

GRADUATE DIPLOMA OF EDUCATION FROM **UNIVERSITY OF QUEENSLAND**

Over the years I've been teaching University maths classes, the biggest difficulty I've observed is with fundamental math skills. Students are more than capable of latching onto the new concepts taught in entry level courses, but sometimes need to fill gaps in their background knowledge. Furthermore, a lot of graduating high school students are keen to get ahead of the curve and stay sharp and prepared! For these reasons I'm proud to offer an intensive preparatory summer course. Over 8 weeks we'll cover everything you'll need to know to succeed at first year university maths. Functions, trigonometry, algebra, exponential equations, if you have any wrinkles in your maths cloth, now is the chance to iron them out properly! Join me as we work together to solve problems and strengthen our understanding. I can't wait to help you out!

FOR MORE INFORMATION VISIT

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