



For ALL UNSW Prep Program students (compulsory)

Available Term 1

Prior Knowledge Must be proficient in written and spoken English

Academic Skills 1 develops the fundamental skills of studying at university. This course will be based around the topic of technology.

#### Other Topics

- orientation to the academic system
- critical analysis skills
- note taking from lectures and written material
- time management skills
- essay writing
- preparing seminar presentations
- an introduction to online learning

## Mathematics Skills 1 (REGZ9070)

For ALL UNSW Prep Engineering stream students (compulsory)

Available Term 1

Prior Knowledge Year 10 Advanced Level Mathematics is assumed (Confident with algebra, such as simplification of expressions, solving equations & in-equations, factorisation including quadratic equations and using a scientific calculator including the fraction, power and exponential keys)

UPP Mathematics Skills 1 is for students who have not achieved an appropriate level of mathematics at high school or equivalent and wish to apply to UNSW degree programs with assumed knowledge in mathematics.

#### Topics

- basic arithmetic and algebra (2.5 weeks)
- further arithmetic and algebra (2.5 weeks)
- coordinate geometry (2 weeks)
- functions and graphs (2 weeks)

## Term 2 Mathematics Skills 2 (REGZ9072)

## Term 3

### Communicating in Engineering (ENGG0360)

For ALL UNSW Prep Engineering stream students (compulsory)

Available Term 3

Prior Knowledge Must be proficient in written and spoken English

Communicating in Engineering examines the expectations and conventions that apply to spoken and written communications within engineering and science. These include different textual genres, aspects of rhetoric, the ethical use of material, formal language structure; grammar and syntax. Students will improve their ability to collect and build ideas into coherent arguments, learn how to construct texts that demonstrate critical thinking, and develop their communication skills (speaking, listening, writing and reading), in preparation for subsequent study in a professional context.

### UPP Mathematics Skills 3 (REG B š ' ~ " °

UPP Mathematics Skills 3 is for students who have not achieved an appropriate level of mathematics at high school or equivalent and wish to apply to UNSW degree programs with assumed knowledge in mathematics.

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