MATH 1035 MATHEMATICS FOR ENGINEERS 2 (ADVANCED)

Credit Points 10

Legacy Code 301337

Coordinator Stephen Weissenhofer (https://directory.westernsydney.edu.au/search/name/Stephen Weissenhofer/)

Description This unit will be offered at Engineering Innovation Hub - Hassall St, Parramatta campus. This unit covers a number of topics that build on calculus knowledge from Mathematics for Engineers 1 (Advanced). Calculus is essential for engineering as it involves studying how things change over small intervals of time and allows for modelling such changes. Topics include ordinary differential equations, Laplace transforms and multi-variable calculus. In applying mathematical concepts to problems, students develop analytical thinking and problem solving skills, as well as communication skills to present clear and logical arguments. Students are encouraged to be independent and reflective learners in completing tutorial problems and online assessments.

School Eng, Design & Built Env

Discipline Mathematics

Student Contribution Band HECS Band 1 10cp

Check your HECS Band contribution amount via the Fees (https://www.westernsydney.edu.au/currentstudents/current_students/fees/) page.

Level Undergraduate Level 1 subject

Pre-requisite(s) MATH 1034

Assumed Knowledge

HSC Physics and HSC Mathematics Extension 1 or HSC Mathematics Extension 2.HSC Two units of Science and HSC two units of English.

Teaching Periods

Spring

Parramatta City - Macquarie St

Day

Subject Contact Stephen Weissenhofer (https://directory.westernsydney.edu.au/search/name/Stephen Weissenhofer/)

View timetable (https://classregistration.westernsydney.edu.au/even/timetable/?subject_code=MATH1035_22-SPR_PC_D#subjects)