

# MECH 2005 MATHEMATICS FOR MECHANICAL AND MECHATRONIC ENGINEERS

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**Credit Points** 10

**Legacy Code** 301342

**Coordinator** Stephen Weissenhofer ([https://directory.westernsydney.edu.au/search/name/Stephen Weissenhofer/](https://directory.westernsydney.edu.au/search/name/Stephen%20Weissenhofer/))

**Description** This subject will be offered at Engineering Innovation Hub - Hassall St, Parramatta campus. This subject introduces mathematical tools and analytical reasoning useful for a wide range of professions, as well as highlighting mathematical foundations that have contributed to advances in engineering. The course content focuses more on useful concepts at the core of applied mathematics rather than theoretical mathematics. Students learn a range of concepts and methods from applied mathematics and how these apply to various fields of engineering.

**School** Eng, Design & Built Env

**Discipline** Mechanical Engineering

**Student Contribution Band** HECS Band 2 10cp

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

**Level** Undergraduate Level 2 subject

**Pre-requisite(s)** MATH 1035

Teaching Periods

## Spring (2023)

**Parramatta City - Macquarie St**

**On-site**

**Subject Contact** Stephen Weissenhofer ([https://directory.westernsydney.edu.au/search/name/Stephen Weissenhofer/](https://directory.westernsydney.edu.au/search/name/Stephen%20Weissenhofer/))

View timetable ([https://classregistration.westernsydney.edu.au/odd/timetable/?subject\\_code=MECH2005\\_23-SPR\\_PC\\_1#subjects](https://classregistration.westernsydney.edu.au/odd/timetable/?subject_code=MECH2005_23-SPR_PC_1#subjects))