

COMPUTER AIDED DESIGN (MECHATRONICS), CONCENTRATION (0125)

Western Sydney University Concentration Code: 0125

Previous Code: SM3093.1

Available to students in other Western Sydney University programs?

No

Location

Campus	Mode	Advice
Penrith Campus	Internal	beng@westernsydney.edu.au

Concentration Structure

This concentration is only available to students enrolled in Bachelor of Engineering (Honours) (<https://hbook.westernsydney.edu.au/archives/2024-2025/programs/bachelor-engineering-honours/>) or Bachelor of Engineering - Robotics & Mechatronics major (<http://handbook.westernsydney.edu.au/hbook/course.aspx?course=3689.2>) only.

From 2024, please refer to Computer Aided Design (Mechatronics), Minor (0125) (<https://hbook.westernsydney.edu.au/archives/2024-2025/majors-minors/computer-aided-design-mechatronics-minor/#text>). This minor is available to all students in Bachelor of Engineering (Honours) (3740) (<https://hbook.westernsydney.edu.au/archives/2024-2025/programs/bachelor-engineering-honours/>) and Bachelor of Engineering Advanced (Honours) (3771) (<https://hbook.westernsydney.edu.au/archives/2024-2025/programs/bachelor-engineering-advanced-honours/>).

Students must complete 4 subjects as follows.

Subject	Title	Credit Points
MECH 4002	Computer Aided Engineering	10
ENGR 2024	Design Graphics: Communication for Manufacture	10
ENGR 2025	Design Graphics: Engineering Documentation	10
ELEC 2007	Engineering Visualization	10
Total Credit Points		40

Equivalent Subjects

The subjects listed below count towards completion of this concentration for students who passed these subjects in 2019 or earlier.

ENGR 2011 Graphics 2: Visual Simulation, replaced by ENGR 2025 Design Graphics: Engineering Documentation
ENGR 2012 Graphics 3: 3D Engineering Specifications and Visualisation, replaced by ENGR 2024 Design Graphics: Communication for Manufacture

Related Programs

B Engineering

Bachelor of Engineering Advanced (Honours) (3771) (<https://hbook.westernsydney.edu.au/archives/2024-2025/programs/bachelor-engineering-advanced-honours/>)