

# 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
<b>Total Credit Points</b>		<b>40</b>

## 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/>)