

COMPUTER AIDED DESIGN (MECHANICAL), CONCENTRATION (0124)

Western Sydney University Concentration Code: 0124

Previous Code: SM3099.1

Available to students in other Western Sydney University programs?

No

Location

Campus	Mode	Advice
Parramatta Campus - Victoria Road	Internal	beng@westernsydney.edu.au
Penrith Campus	Internal	beng@westernsydney.edu.au
Sydney City Campus*	Internal	Peter Lendrum (p.lendrum@city.westernsydney.edu.au)

* Curriculum delivered through an agreement with another party

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/>) - Mechanical major only.

Students must complete four subjects as follows.

Subject	Title	Credit Points
MECH 4001	Computational Fluid Dynamics	10
ENGR 2024	Design Graphics: Communication for Manufacture	10
ENGR 3025	Designing for Circular Economy (Advanced)	10
ENGR 2022	Design Practice: Sustainable Manufacturing	10
Total Credit Points		40

Equivalent Subjects

The subjects listed below count towards completion of this concentration for students who passed these subjects in 2020 or earlier.

ENGR 2012 Graphics 3: 3D Engineering Specifications and Visualisation, replaced by ENGR 2024 Design Graphics: Communication for Manufacture
ENGR 2019 Sustainable Design 2: Product Service Systems, replaced by ENGR 3025 Designing for Circular Economy (Advanced)
ENGR 2013 Graphics 4: Kinetic Narratives, replaced by ENGR 2022 Design Practice: Sustainable Manufacturing

Related Programs

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