

# 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
<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 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/>)