

ENGR 4014 DESIGN PRACTICE: MANUFACTURED PRODUCT LIFECYCLE

Credit Points 10

Legacy Code 301310

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Description Visualisation analytics for sustainable manufacturing practices provide an essential contribution to planning and adoption for new product development. The application of product lifecycle management (PLM) methods through software interfaces permits the establishment of a digital environment to create, manufacture and manage innovation on a comprehensive basis. Students will engage with an innovation project from a PLM perspective as an extended enterprise with focus on time to market, waste optimisation, prototyping efficiency, and value chain collaboration.

School Eng, Design & Built Env

Discipline Other Engineering And Related Technologies

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/) page.

Level Undergraduate Level 4 subject

Assumed Knowledge

The ability to communicate a design proposal using 2D or 3D computer software with annotations, and application of Australian Standards AS 1100 or related construction standards are desirable.

Teaching Periods