DISCLAIMER: Naive assessment undertaken by Chris.Browne@anu.edu.au based on information available on P&C. Errors, oversights, misunderstandings are likely my own.

ENGN2301 Engineering Design 3: Systems Approaches for Analysis

https://programsandcourses.anu.edu.au/course/engn2301

Prerequisite structure Open to students with particular courses
Prerequisite units Normally completed at least 48 units

TD Skills: Do students develop transdisciplinary problem-solving skills through this course?

Likely
Students engage with and are supported to develop appropriate transdisciplinary problem-solving skills

For example
Description [Systemic]: You will apply techniques to analyse a system from a range of perspectives, from understanding human factors through to optimisation. Description [Interactive]: You will be challenged in small teams to design the testing processes enabling you to evaluate an engineering design.

TD Skills: Do students meaningfully collaborate across disciplinary/area difference through this course?

Somewhat Likely
Students from a common disciplinary background collaborating with experts from broad disciplinary backgrounds

For example
LO: Operate as an effective member of an engineering team for an external stakeholder

TD Context: How is the transdisciplinary problem-solving experience situated with respect to broader contexts?

Somewhat Likely
Students explore big-picture problems, ideas and broader contexts in relation to a discipline/area

For example
Project: You will be challenged in small teams to analyse and evaluate an engineering design using a systems approach, taking into consideration the requirements of project stakeholders.