

SEAD 550. DECISION-MAKING FOR SUSTAINABILITY IN ENGINEERING AND DESIGN.

Credits: 3

Offered by: Trottier Inst Sust,Eng&Design (Faculty of Engineering)

This course is not offered this catalogue year.

Description

Role and importance of engineering decisions of environmental, social, and economic problems and the application of decision-making approaches and tools to engineering sustainability. Multi-criteria decision-making, uncertainty analysis, game theory, sustainability metrics, life cycle analysis evaluation and impact assessment methodologies, design problem formulation, stage-dependent strategies, case studies.

- (3-0-6)
- Restriction: Only open to students in the Faculty of Engineering. Students outside of the Faculty of Engineering may register with permission of the instructor.

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