

11 Main Goals and Learning Outcomes

General goals in engineering. The program produces the next generation of engineers by providing students with engineering fundamentals set in the context of conceiving, designing, implementing and operating (CDIO) realworld systems and products.

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Main Goals and Learning Outcomes Learning outcomes in engineering. The learning outcomes specify: 1) fundamental knowledge and reasoning, 2) personal and professional skills and attributes, 3) interpersonal skills, and 4) conceiving, designing, implementing and operating (CDIO) systems in the enterprise, societal and environmental context. CURRICULUM DESIGN

Main Goals and Learning Outcomes The goal in engineering. After completing the program the graduates will be able to plan, implement, and continuously improve resilient systems, ensuring long-term reliability and security in critical infrastructures and digital networks. CURRICULUM DESIGN

Main Goals and Learning Outcomes

Learning outcomes in business management. By completing the program the student will be able to demonstrate: 1) critical analysis and problemsolving skills in business, 2) effective communication, 3) ethical decision-making and interpersonal skills and 4) global trends in business and cultural diversity.

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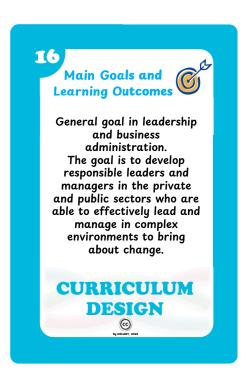


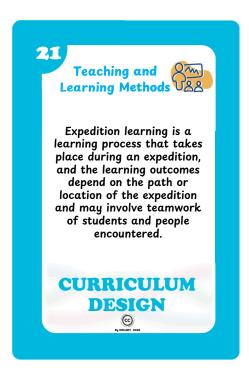
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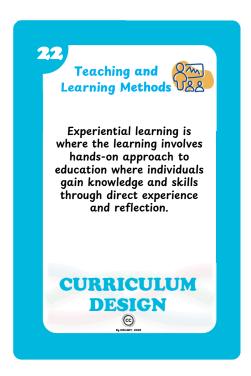
Learning outcomes in management. By completing the program the student will be able to demonstrate: 1) general understanding of management, 2) in-depth understanding in specific fields of management,
3) respect for ethics in
decisions, and 4) some research skills.

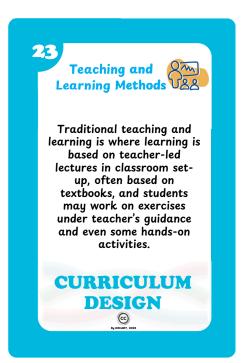
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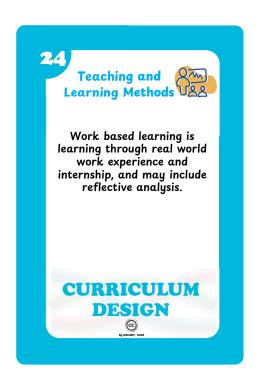


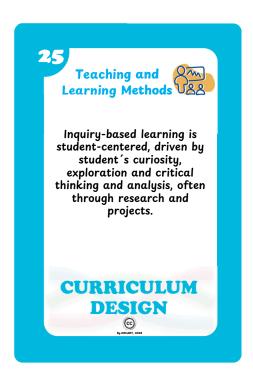


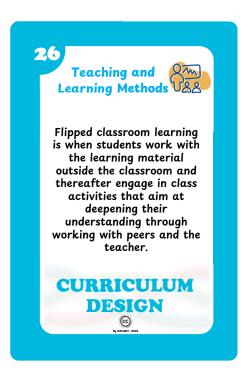


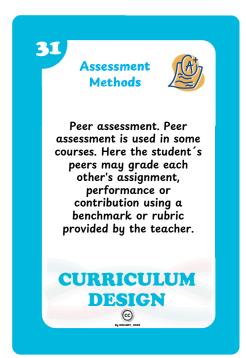












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Assessment Methods



Portfolio. Students must submit a reflective portfolio in some of the courses. The portfolio reflects the student's insight and experience, and is used to assess his or her engagement and ability to apply theory in an applied setting.

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Assessment Methods



Oral assessment. At the Oral assessment. At the completion of every project an oral examination is the norm. This may include an interview, presentation or demonstration. It can be used to assess higher order thinking, depth of knowledge and involvement in the project.

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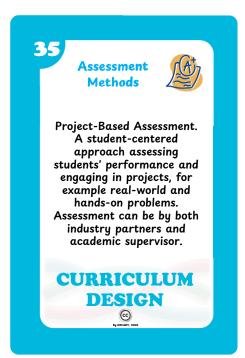
Assessment Methods

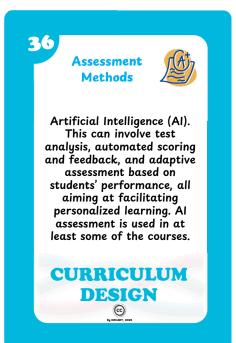


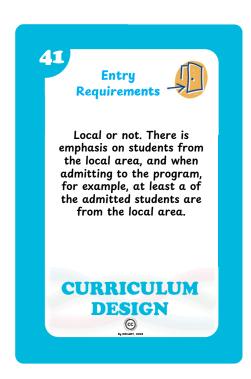
Diversity in assessments. Varied assessments are varied assessments are
used throughout the
program, depending on the
objective of each course on
knowledge, skills and
competence, and may
include quizzes, projects,
midterms, contribution and
final exams, oral or written final exams, oral or written.

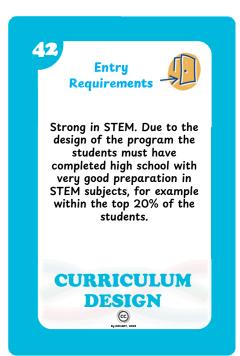
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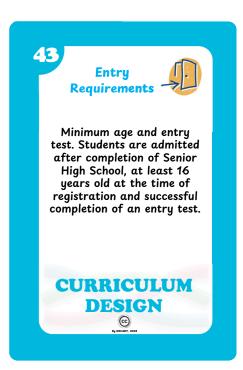


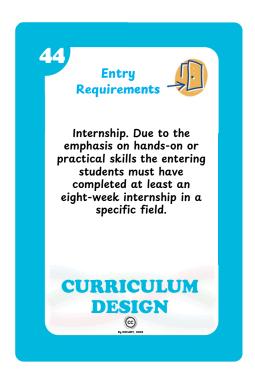


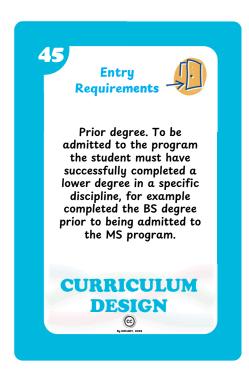












Entry
Requirements

Language proficiency. To be admitted to the program, all students must demonstrate proficiency in the language or languages used at the institution, demonstrating both written and verbal skills.

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