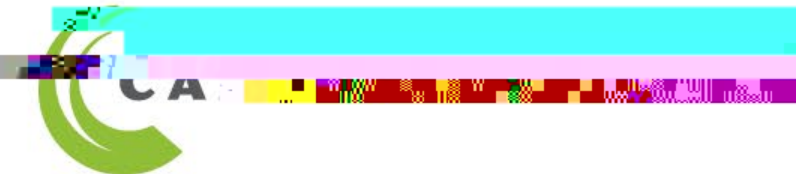


Mechanical Engineering Technology



Territorial Acknowledgement

Camosun College is located in beautiful
Victoria, British Columbia with campuses on
the Traditional Territories of the Lekwungen
and Wn̓ 6 É 1 (́ S H R S O H V : H D I
their welcome and graciousness to the
V W X G H Q W V Z K R V H H N N Q



Camosun College

- Largest public college in the province
- 19,000+ students
- 1,200+ faculty and staff
- Programs range from arts and business to tech and trades to university transfer and continuing education
- Credentials include dual credits, certificates, diplomas, degrees, postdegree diplomas



COVID-19

The health and wellbeing of students and staff remains the priority of Camosun College.

The college's COVID-19 Response Coordination Team is monitoring the situation and ensuring measures are in place to keep the

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a mix in the delivery of courses following guidelines from the Provincial Health Officer,



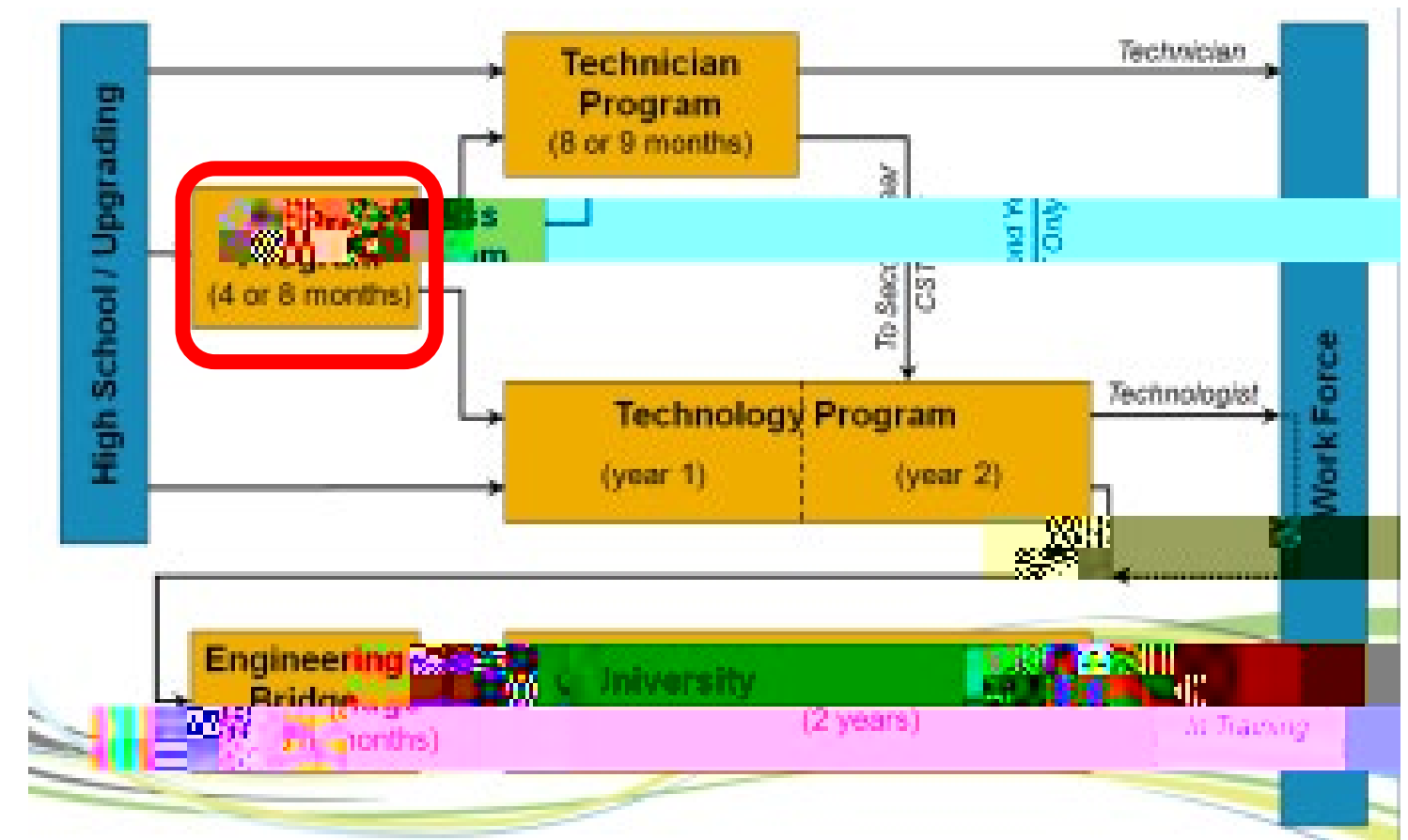
Mechanical Engineering Technology Department

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Education Options – Overview

Technology Access



Admission Requirements: minimum grade of;

- B in Math10, and
- C in English

Outcome:

- Certificate in Technology Access
- * XDUDQWHHG DFFHSWDQFH LQWR FRUHVSRQGLQJ 7HFKROR

Mechanical Engineering Technology Access

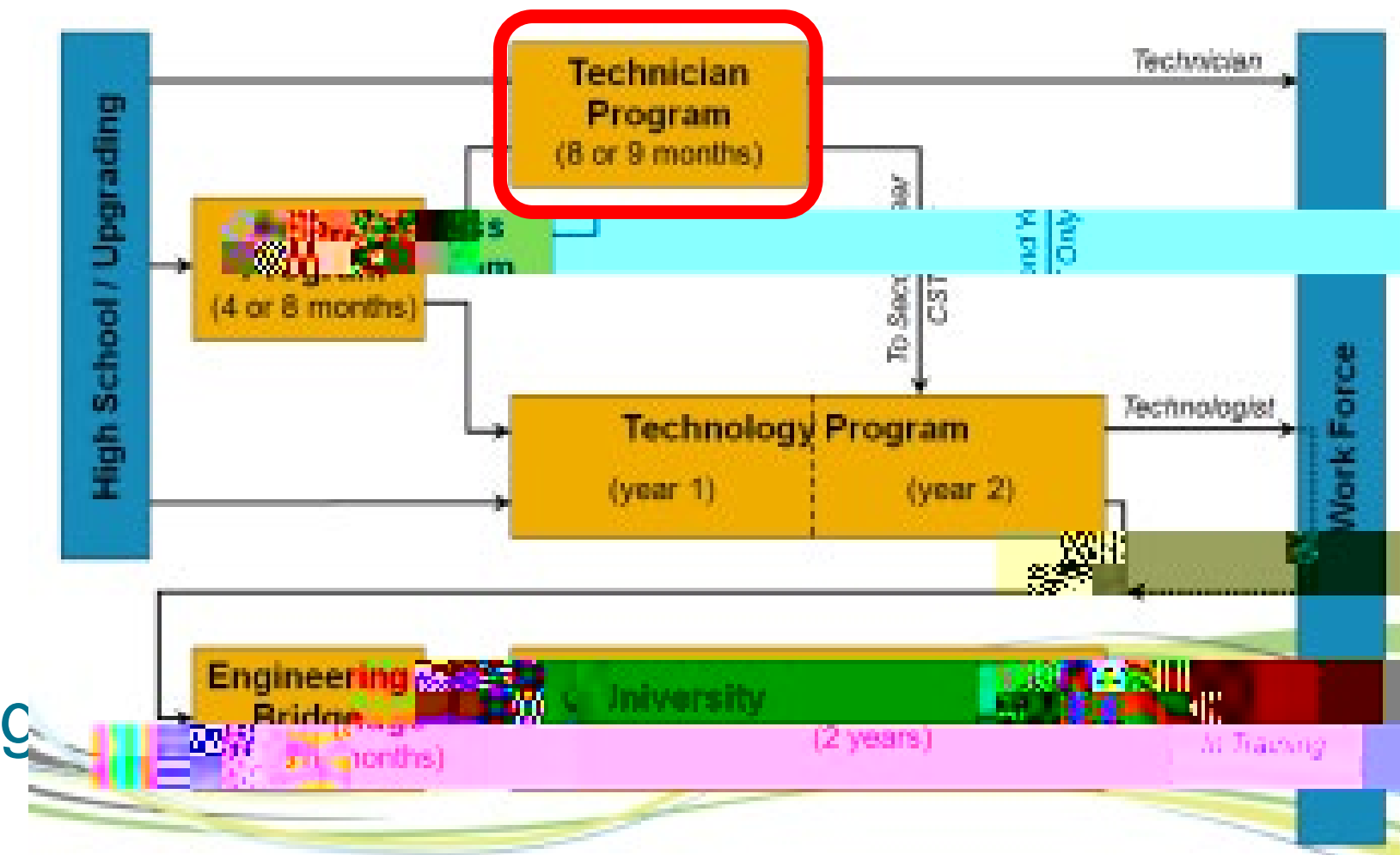
- Duration: 8 months
- Note: Prerequisite courses are also at Lansdowne

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- Duration: 4 months
- Note: Prerequisite courses are also at Lansdowne

Engineering Graphics Technician Program

- Admission Requirements:
 - Foundations of Math 11 and
 - English 12 or TPC 12 or
 - Successful completion of related access program
- Duration: 8-12 months
- Outcome:
 - Job Ready
 - Technician Certificate
 - ICS and IMD Technician programs transition into their respective Technology program



Duration:

- 2- 21/2 years
- 3 years with work terms

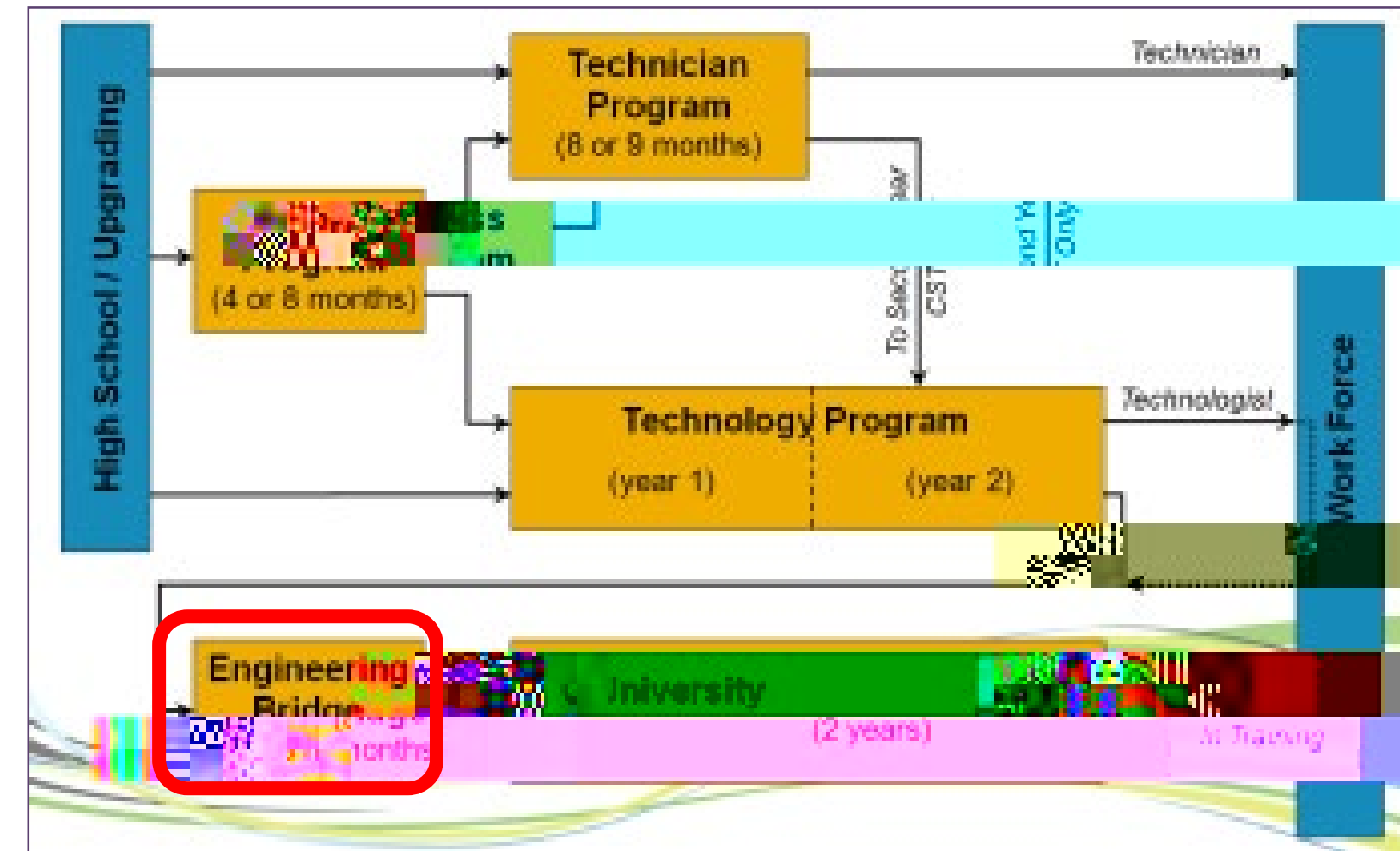


Engineering Bridge

Admission Requirements:

- Successful completion of a related technology diploma
- An average of B or higher
* 3 \$ (out of 9 points)
- Acceptance is academically based

Duration



Programs Available

Civil Engineering

Electrical and Computer Engineering

Mechanical Engineering

Mechanical Engineering

- What is Mechanical Engineering Technology

“...a discipline of engineering that applies the principles of engineering, physics and materials science for the design, analysis, manufacturing, and maintenance of

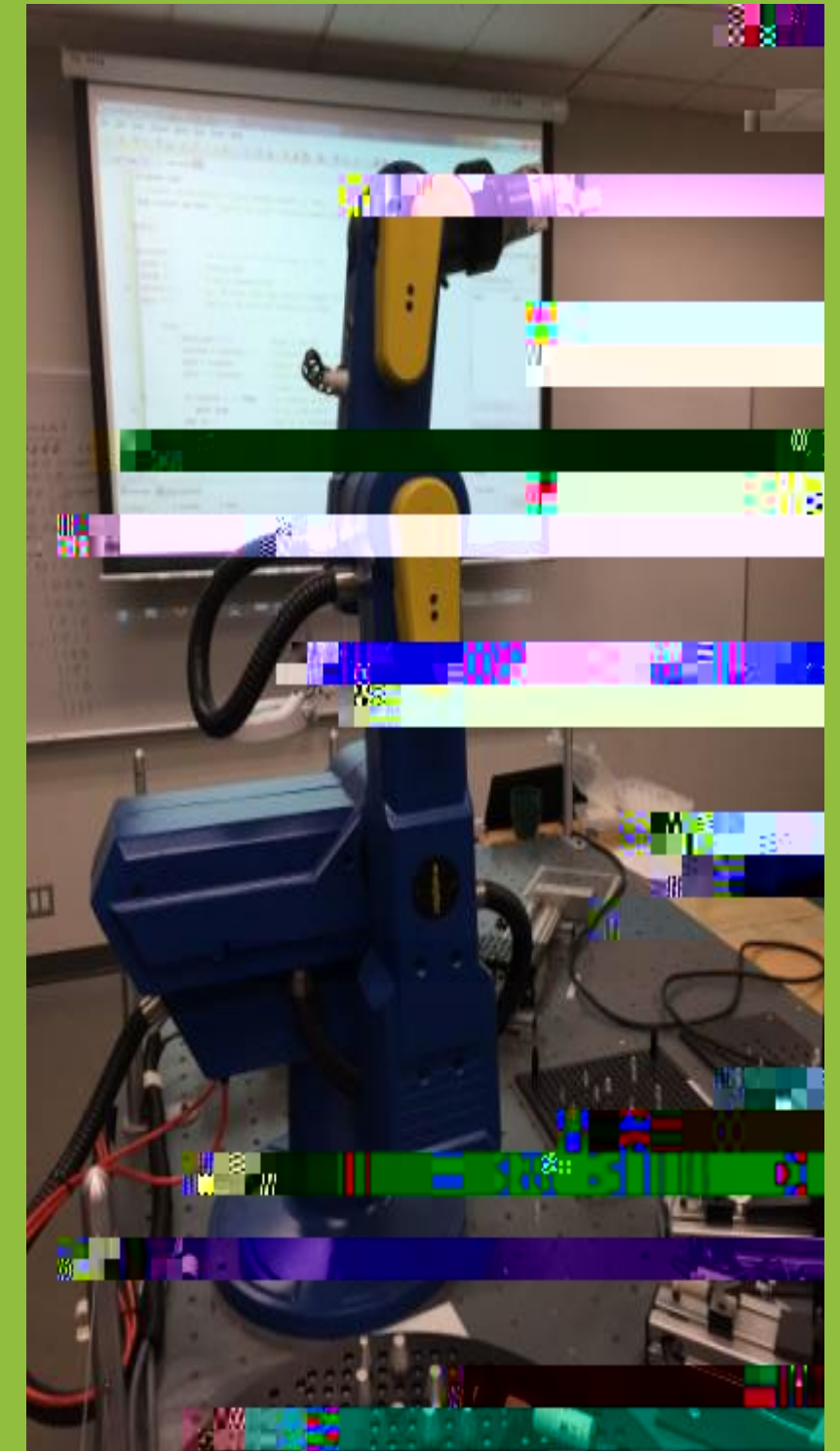
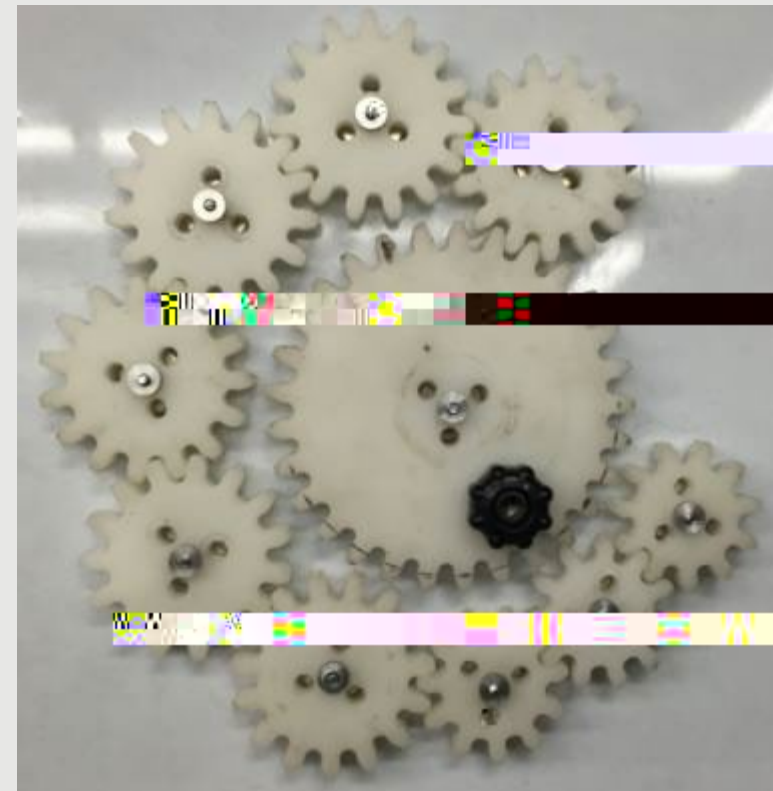
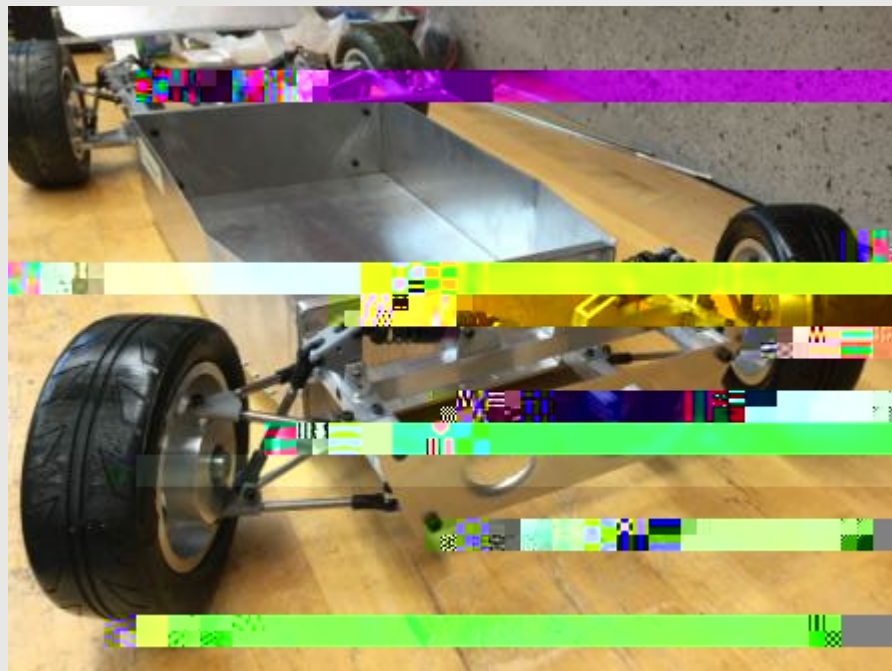
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power for the design, production, and operation of machines and tools...”

:LNHSHGLD RUJ

- Machinery
- Fabrication
- Manufacturing
- Robotics
- Automotive
- Aerodynamics

Mechanical Engineering

- There are 6 main disciplines of Mechanical Engineering:
 - Materials
 - Mechanics
 - Thermodynamics
 - Fluids
 - Controls
 - Documentation





Mechanical Engineering

- Fluids how liquids and gasses interact with things
 -
 - 2 courses
- Controls how to control things
 - 2 courses
 - 2 courses
 -
- Documentation instructions on how to make things
 -
 -
 -



Mechanical Engineering

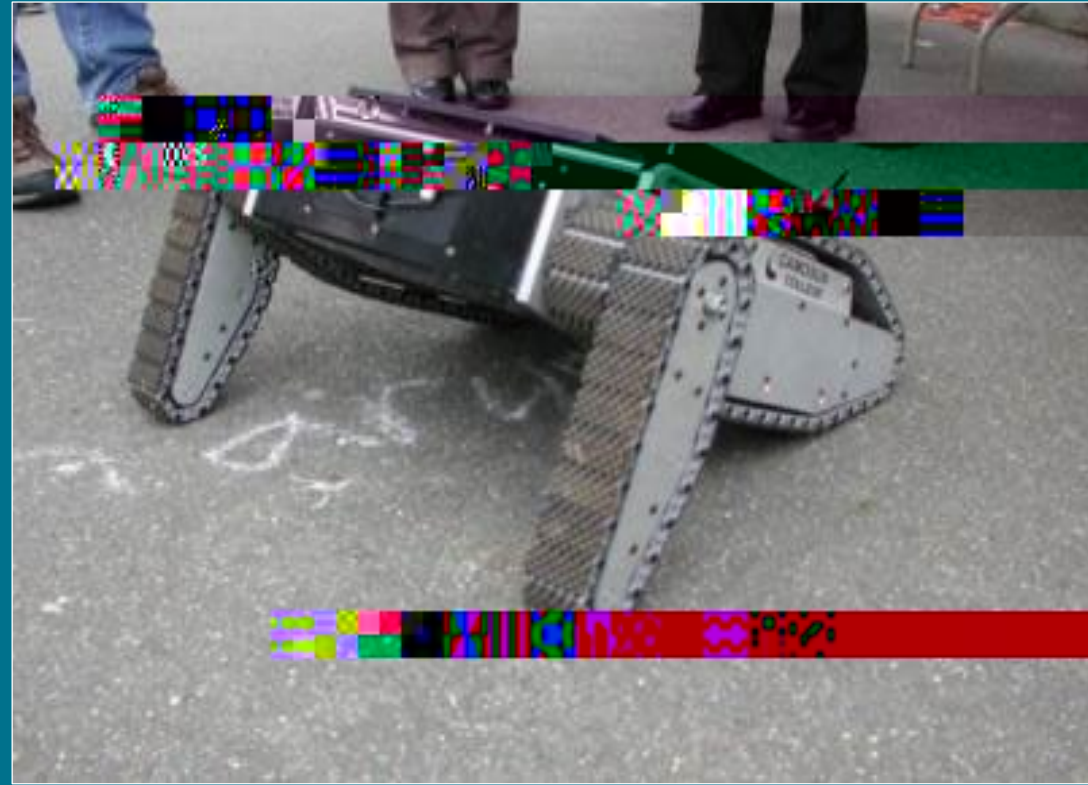
Program Choices:

- -
 -
-

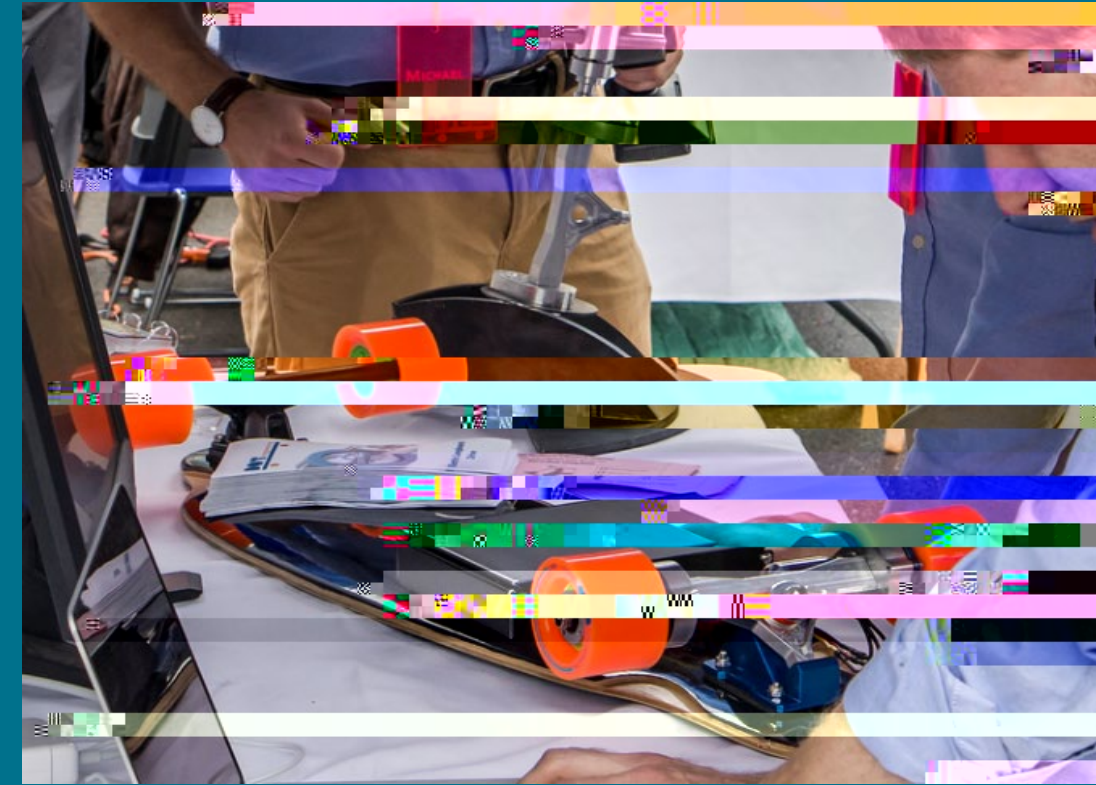
Mechanical Engineering



Mechanical Engineering



Robotic Platform



Electric Skate Board



Mechanical Engineering

Career Choices

- Mechanical Draftsperson Prepare conceptual, preliminary and final designs under the guidance of the project engineer
- Mechanical Technologist 0 H F K D Q L F D O G H V L J Q S U R W R W \ S L Q J 6
debug
- Engineering Technologist detailed design, equipment specification and procurement, vendor management, fabrication and assembly supervision, field commissioning, troubleshooting and customer liaison



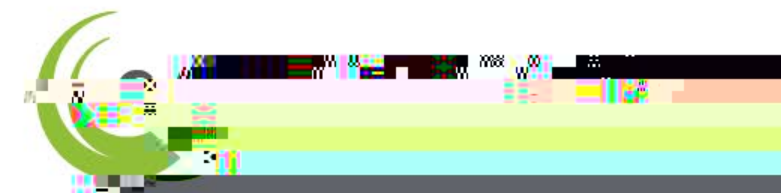
Mechanical Engineering

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The Engineering Graphics Technician (EGT) program is ideal for those with an interest in engineering/architectural visualization, an aptitude for computer aided design, or have a foreign credential in engineering /architecture and are looking to enter the Canadian job market.



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Mechanical Engineering

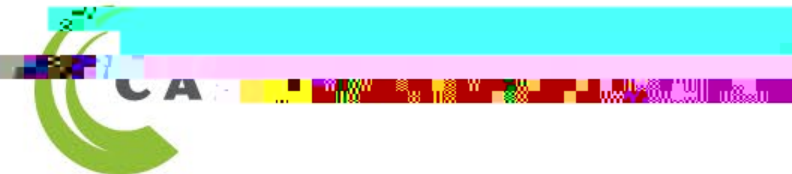
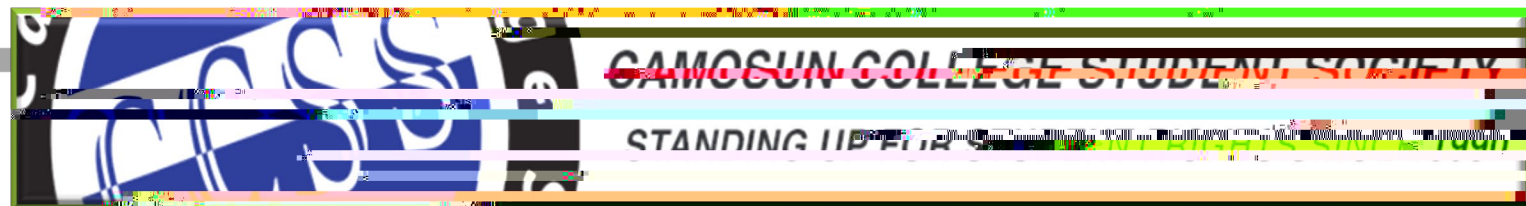
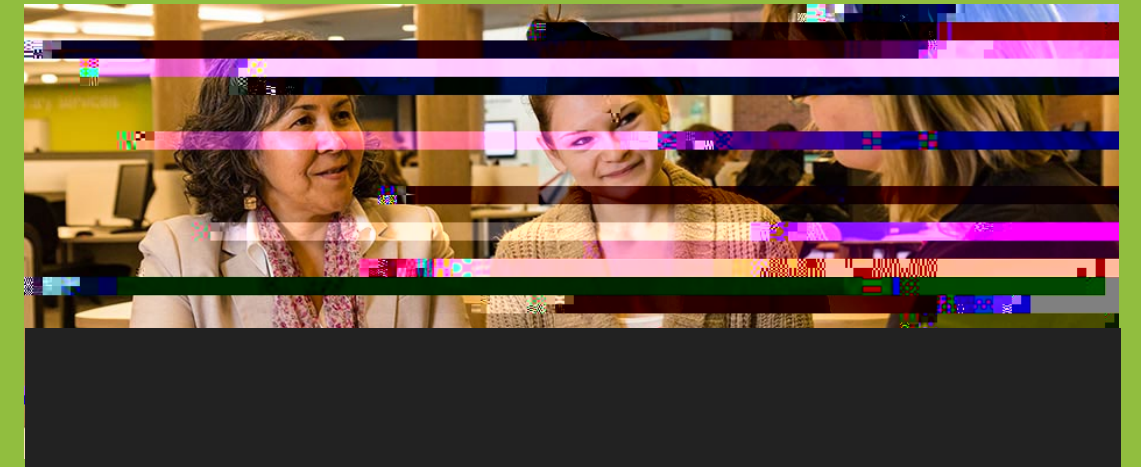
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- Career Opportunities anywhere locally and around the world
 - Local high tech companies
 - Large companies





Student Services at Camosun



FOR MORE INFORMATION

MechanicalEngineering@OH#FDPRVXQ FD

