

ENGR 102

ENGR 102 3D Design and Sustainability

2 Credits

Design the future! Continuing from Design and Drafting, this course expands on students understanding of engineering design as applied to larger, more self-directed projects. Examples of First Nations resource management and systems designs will be explored. Students, working in groups, will follow a structured process to design a system comprising of electrical, mechanical, and software sub-systems over the term. Students will complete one major project through several milestone stages with associated technical reporting, including a final paper in both oral and written form. This course includes an introduction to the concept of sustainability and its impact on engineering design and an exposure to engineering ethics.

Prerequisites

ENGR 101

Transfer Credits

Explore transfer credit opportunities by visiting the BC Transfer Guide (<http://www.bctransferguide.ca>)

