

# ENGR 121

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**ENGR 121 Engineering Design and Drafting**

2 Credits

From imagination to reality, learn how to make positive contributions to the future. Students will use imagination and creativity to engage in the engineering design process through individual exercises and a series of mini-projects and labs undertaken in groups. The students will explore relevant technical background (such as engineering drawing and CAD tools), project/group dynamics, professional responsibility, and writing and presentation skills, serving as an introduction to the Engineering design process. Class sessions provide the foundation for completing laboratory design exercises and projects. ENGR 121 is a requirement for all students completing the Common Engineering Curriculum and a pre-requisite for ENGR 122 - Engineering Design and Sustainability.

**Prerequisites**

Physics 12 with a minimum grade of C+ and Pre-Calculus 12 with a minimum grade of C+

**Transfer Credits**

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