

## Introduction to Engineering in BC (IEBC)

Introduction to Engineering in BC (IEBC) courses [www.langara.ca/iebc](http://www.langara.ca/iebc) are designed to familiarize engineering students, engineering graduates and internationally trained professionals to become acquainted with the engineering sector in BC. These courses are developed to prepare students with industry specific skills to gain employment in an engineering environment.

**Introduction to Engineering in BC:** Practical procedures and practices

**Engineering and Technology Skills:** Engineering adaptive skills and employer expectations

**Managing Projects in the Engineering Sector:** Project lifecycle from initial concept to project completion

**Engineering Vocabulary:** Language in documents and drawings; terms across disciplines

**Collecting, Processing, and Interpreting Technical Data:** Data collection from graphics reports and documents; criteria for a project; information sources; report data and propose recommendations

**Bylaws, Codes and Standards:** Levels of codes, specialized codes; research and interpretation of codes as a base standard for design and safety

**Technical Writing:** Examine information design and use

**Career and Job Search Workshops:** Learn job search strategies/ write targeted documents

**Foundations of Intercultural Communications:** Learn approaches to cultural communication styles

**Workplace Practicum:** Gain hands-on workplace experience