



# Common First Year

Electrical and Computer Engineering Technology (ECET) diploma programs and the Bachelor of Engineering in Electrical Engineering (BEng) all share a common first year (level 1 and level 2).

ALL Applications must be submitted to level 1 of Electrical and Computer Engineering Technology.

*Click on each course to see the course outline*

<a href="#">COMM 1143</a> Technical Comm for Electronics	<a href="#">ELEX 2105</a> Circuit Analysis 2
<a href="#">ELEX 1105</a> Circuit Analysis 1	<a href="#">ELEX 2117</a> Digital Techniques 2
<a href="#">ELEX 1113</a> Electronic Fabrication Tools and Techniques	<a href="#">ELEX 2120</a> Electronic Circuits 1
<a href="#">ELEX 1117</a> Digital Techniques 1	<a href="#">ELEX 2125</a> C Programming for Electronics
<a href="#">MATH 1431</a> Technical Math for Electronics	<a href="#">MATH 2431</a> Calculus for Electronics
<a href="#">PHYS 1143</a> Physics for Electronics	<a href="#">PHYS 2143</a> Physics for Electronics 2

*The following 4-week courses (part of first year) are offered once a year, in April, (after the 15-week courses)*

<a href="#">COMM 1243</a> Technical Documentation
<a href="#">ELEX 1101</a> Introduction to Codes and Standards
<a href="#">ELEX 1103</a> Introductory Networking
<a href="#">ELEX 1104</a> Engineering Spreadsheets
<p><b>AFTER</b> completing your first-year courses, you may choose from one of the three diplomas or <b>COMPETE</b> for a seat in the <b>Bachelor of Engineering (BEng) degree</b> program:</p> <p><b>Diploma</b> - <a href="#">Automation and Instrumentation</a></p> <p><b>Diploma</b> - <a href="#">Electrical Power and Industrial Control</a></p> <p><b>Diploma</b> - <a href="#">Telecommunications and Networks</a></p> <p><b>Degree</b> - <a href="#">Bachelor of Engineering degree (BEng - competitive entrance)</a></p> <p><b>OR</b>, Diploma graduates may apply to our <b>part time (BTech) degree</b> program- <a href="#">Bachelor of Technology</a></p> <p style="text-align: center;"><a href="http://www.bcit.ca/study/programs/8900btech">http://www.bcit.ca/study/programs/8900btech</a></p>

***For further information on any of our programs please contact [Program Advising](#).***

**Including** when & how to apply, what grades to submit, and how to meet entrance requirements.

**[International](#)** students that require assistance with the admissions process - [click here to email](#)

# Entrance requirements

**All Applications must be sent through admissions to be assessed, the department does not review applications. Please note that applications are term specific; a new application is required to be considered for a new term.**

As long as seats are available, qualified applicants are accepted on a first come, first served basis.

ALL [entrance requirements](#) must be met:

- **English:** two years of education in English in an English-speaking country with **one** of the following:
  - English 12 (67%) or
  - Three credits of post-secondary English, Humanities or Social Sciences (67%) from a [recognized institution](#).
- **Physics** 12 (67%)
- **Chemistry** 11 (67%)
- **Math:** **one** of the following:
  - Principles of Mathematics 12 (73%) or
  - Pre-Calculus 12 (73%)

**You may be eligible to apply to an advanced level of the program through Re-Admission or Direct Entry**

1. **Re-Admission:** Have you completed part of **this program** at BCIT and want to apply to an advanced level? If so, you must submit the [Technology Re-Admission Form](#) with your application form. Applications are accepted throughout the year.
2. **Direct Entry:** Are you **new to this program** but have completed an equivalent part of it at BCIT or elsewhere and want to apply to an advanced level? If so, BCIT accepts completed Direct Entry applications until:
  - March 1st for the Fall (September) intake
  - October 1st for the Winter (January) intake

The [Course-by-Course Self-Assessment form](#) must be submitted with your **Direct Entry** application.

**PLEASE NOTE: There is NO DIRECT ENTRY to the BEng Program**

- **ALL Applications must be complete and show proof of the required pre-requisites** (proof of registration is acceptable for Direct Entry applicants) to be considered.
- **Competitive entry:** if the number of applications exceeds available seats, BCIT will accept those deemed to have the best opportunity for success.
- **Acceptance based on seat availability:** confirmation may not be available until the first week of classes or a few days before term start. You will be notified by email if a seat is available for you.

# Frequently Asked Questions

**Question:** If I am waitlisted for level 1 and don't end up getting a seat, will I need to submit a new application for the next term?

**Answer:** Yes. Your application is only for the term that you applied to.

**Question:** I would like to get credit for a few courses in level 1 and level 2. Should I apply for Direct Entry?

**Answer:** Students who are accepted to level 1 of the program may apply for individual [course credits](#) for a **maximum of two courses in level 1** and **two courses in level 2**. Students who believe they are eligible for more credit than that, must apply as a Direct Entry Student. **(BEng does not have Direct Entry)**

**Question:** I have education from another BCIT program or another school. Can I call or meet with someone in the ECET program to see which courses I will get credit for?

**Answer:** No. You must follow the Direct Entry application process as described above. That is the only way that you will be assessed for transfer credit.

**Question:** I have completed a technology diploma elsewhere in Canada. How can I get into the BEng?

**Answer:** **BEng does not accept Direct entry applications;** you must apply to the ECET program and compete for a seat once you have completed all first-year courses.

**Question:** I am currently enrolled in a prerequisite course but have not completed it. Can I still apply?

**Answer:** For an application to **Level 1** you are required to submit a final grade or a mid-term grade for all prerequisite courses. For a **Direct Entry to ECET** you may submit proof of registration.

**Question:** Do you accept international students?

**Answer:** We accept international applications to the diploma programs only. ALL Students who wish to compete for a seat in the BEng program may do so once they have completed all first year courses.

**Please note** that a student who will require a study permit must apply to level 1. They cannot apply as a Direct Entry student because the dates for Direct Entry acceptance will not be in time for study permit deadlines.

Link to apply as an [International student](#)

**Question:** I am a red seal electrician. Will I get credit for any courses?

**Answer:** No. In our program you will be learning different things and using more mathematics and science than you experienced in your training to become an electrician.