



## Common First Year

The Electrical and Computer Engineering Technology (ECET) diploma programs and the Bachelor of Engineering in Electrical Engineering (BEng) all share the same first year (level 1 and level 2) courses. Therefore, please submit your application to level 1 Electrical and Computer Engineering Technology.

Course outlines for first year courses can be viewed at any of the links provided at the bottom of this chart

<b>COMM 1143</b> Technical Comm for Electronics	<b>ELEX 2105</b> Circuit Analysis 2
<b>ELEX 1105</b> Circuit Analysis 1	<b>ELEX 2117</b> Digital Techniques 2
<b>ELEX 1112</b> Engineering Tools	<b>ELEX 2120</b> Electronic Circuits 1
<b>ELEX 1117</b> Digital Techniques 1	<b>ELEX 2125</b> C Programming for Electronics
<b>MATH 1431</b> Technical Math for Electronics	<b>MATH 2431</b> Calculus for Electronics
<b>PHYS 1143</b> Physics for Electronics	<b>PHYS 2143</b> Physics for Electronics 2

First year also includes the following 4 week courses, offered every winter term, after the 15 week courses end

<b>COMM 1243</b> Technical Documentation
<b>ELEX 1101</b> Introduction to Codes and Standards
<b>ELEX 1102</b> Practical Skills
<b>ELEX 1103</b> Introductory Networking

### When you have completed the first year courses, you will continue in one of the following:

Bachelor of Engineering degree (entrance is competitive): <http://www.bcit.ca/study/programs/8030beng>

Automation and Instrumentation diploma: <http://www.bcit.ca/study/programs/534adipma>

Electrical Power and Industrial Control diploma: <http://www.bcit.ca/study/programs/534bdipma>

Telecommunications and Networks diploma: <http://www.bcit.ca/study/programs/534cdipma>

Graduates from the diploma program who meet the entrance requirements may choose to continue in the Electronics part-time Bachelor of Technology degree program:  
<http://www.bcit.ca/study/programs/8900btech>

For further information on this or any program, please contact [Program Advising](#)

If you are having any trouble with the application process:	<a href="mailto:apply@bcit.ca">apply@bcit.ca</a>
If you have questions about the Admissions process: Examples: when to apply, where to apply, what grades to submit, when to submit grades, how to meet entrance requirements, waitlists, etc.	<a href="mailto:admissions@bcit.ca">admissions@bcit.ca</a>
If you are an international applicant with questions about the admissions process.	<a href="mailto:International_Admissions@bcit.ca">International_Admissions@bcit.ca</a>

If you need to **upgrade prerequisites**, you can do so through adult education courses offered by your local school board, or you can explore some of BCIT's upgrading options at the following link:

<http://www.bcit.ca/admission/upgrading/>

# Entrance requirements

Applicants must meet all entrance requirements and will be accepted on a first qualified basis, as long as space remains. **To find out if the courses you have taken meet the entrance requirements, please submit an online application and the Admissions department will assess you. Assessments are not done by the program area.**

- **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. **For a list of recognized institutions please go to:**

<http://www.cicic.ca/868/Search-the-Directory-of-Educational-Institutions-in-Canada/index.canada>

- **Physics 12** (67%)
- **Chemistry 11** (67%)
- **Math:** **one** of the following:
  - Principles of Mathematics 12 (73%) or
  - Pre-Calculus 12 (73%)

**To read more about how to meet BCIT's entrance requirements please go to:**

<http://www.bcit.ca/admission/requirements/>

## Advanced Placement – There are 2 types: Re-Admission or Direct Entry

You may be eligible to apply to an advanced level of the program through **1. Re-Admission** or **2. Direct Entry**. The following applies to all advanced placement applicants:

- **Complete applications:** you must show proof of completing all requirements (proof of registration is acceptable for advanced placement 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 at the most, a few days before the term begins. You will receive an email notification as soon as we know if there will be space for you or not.
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. To find the form, please go to:  
[http://www.bcit.ca/files/admission/pdf/tech\\_readmit.pdf](http://www.bcit.ca/files/admission/pdf/tech_readmit.pdf)
  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 complete Direct Entry applications until:
    - March 1st for the Fall (September) intake
    - October 1st for the Winter (January) intake

For more information about the Direct Entry application process please go to:

[http://www.bcit.ca/files/admission/pdf/de\\_ecet.pdf](http://www.bcit.ca/files/admission/pdf/de_ecet.pdf)

You will need to submit the Course-by-Course Self-Assessment form with your Direct Entry application. To find that form please go to:

[http://www.bcit.ca/files/admission/pdf/cxc\\_selfassessment\\_ecet.pdf](http://www.bcit.ca/files/admission/pdf/cxc_selfassessment_ecet.pdf)

## 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. The Admissions department does not roll applications from one term to another term.

**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.

**Question:** I have education from another BCIT program or another school. Can I call or meet with someone in the ECET or BEng Electrical program to see about what 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:** It is likely that you will need to complete some courses from the common first year before you will be permitted to compete for a seat in Level 3 BEng. Submit your application as a Direct Entry applicant to level 2 ECET. You will be assessed and contacted with the results, once the Direct Entry application deadline for that intake has passed. For details on the Direct Entry process, please see the link noted in the Direct Entry section above.

**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** application you may submit proof of registration.

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

**Answer:** We accept international applications to the diploma program. Students who are aiming for the BEng program will begin in level 1 of the diploma program and then compete for a BEng seat during their first year.

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.

Please use the following link to apply as an international student:

<http://www.bcit.ca/admission/apply/international.shtml>

**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.