

POWER LAB FAQ

1. **When is the course delivered?**

The course typically starts the last week of May and runs through June.

2. **Are there any prerequisites?**

Yes. We require students to have successfully completed Power Engineering 4A paper and a minimum of 5 Progress tests in 4B.

Candidate selection is based on their course performance (4A results) and closeness to completion (4B progress).

3. **How long is the course?**

The course is 4 weeks long, for a total of 200 hours of lab and classroom activities.

4. **Can I do this course part-time, after work?**

No. This is an intense full-time course, with a course load of 50 hours weekly.

5. **What are the hours?**

To meet the TSBC requirements the program is setup as 10 hours daily.

We start at 7:00AM and end at 18:00PM, Monday through Friday.

6. **Are there any attendance requirements?**

Yes. The attendance is mandatory and monitored daily.

7. **What is the cost of the course?**

Tuition is approximately \$3,200 - \$3500.

The official tuition fees are posted on the website in mid-February each year.

8. **How do I register for the course?**

Our Power Engineering department's administration opens the registration waitlist process at the *end of January each year*.

You are expected to express your interest in joining the program by emailing BCIT_Assistant_Powerengineering@bcit.ca to be added to the waitlist.

This is a competitive entry course selection. Registration requests will be reviewed at the end of March from our waitlist. Priority will be given to BCIT Distance Education students.

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9. How frequently do you offer this course?

This course is offered by BCIT once every year.

10. If I'm not available for the scheduled dates do I have any other options?

Yes. Similar qualifying time programs are offered by SAIT and NAIT in Alberta.

Please consult their websites for more information.

11. How much equivalent qualifying time do I get?

The BCIT Power Lab course is certified by TSBC to an equivalent of 6 months of qualifying time towards your 4th Class Power Engineering certification.

Successful completion of BCIT POWR-1213 and 1214 courses and POWR-0250 course (or equivalent) are Technical Safety BC prerequisites for writing Power Engineering 4th class exams.

12. Do you offer a Power Lab course for Power Engineering 3rd Class?

No. This is offered to 4th Class only.

13. How is the course conducted?

The course has three components:

1. A theoretical component, about 15% of the course load, evaluated for marks through online testing. This is a self-directed activity delivered through online presentations.
2. A hands-on interactive component, conducted in the Power Plant lab and the machine shop. This will be conducted and supervised by Power Engineering instructors.
3. Field trips to local power and refrigeration plants combined with assignments.

14. Where is the course conducted?

The theoretical component of the course will be conducted in one of our computer labs on Burnaby campus.

The hands-on component will be conducted in the SE8 building instructional steam lab, on BCIT campus.

The plant visits will be announced in class.

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15. Do I have to buy any books?

No. All the study materials are published online. However, having access to your PANGLOBAL 4th class textbooks may be useful for extra references.

16. Do I need a computer for the course?

No. BCIT will provide access to a PC, during course hours.

17. Do I require any Personal Protective Equipment?

Yes. The course activity is conducted mainly in our Power Plant lab and therefore you are required to wear PPE (steel-toed boots, coveralls, eye protection).

For safety reasons some plants, like the Burnaby Refinery, will not accept visitors with facial hair.

18. Are there any accommodations available on campus?

Yes. BCIT can provide on-campus accommodation through our Short-Stay and Apprentice Housing, subject to availability.

For more information please access Student Housing at:
<https://www.bcit.ca/housing/oncampus/shortstay.shtm/>

BCIT can also facilitate finding a suitable off-campus accommodation.

For more information please review the following:
<https://www.bcit.ca/housing/offcampus/>

19. Where do I park?

BCIT provides student parking at a cost.

More information for rates, student parking location and maps available here:
<https://www.bcit.ca/parking/campus/bby.shtml#rates>

20. Are there places to eat on campus?

During the summer period the food services on campus are limited, therefore we recommend bringing your own lunch.

We will provide access to a small refrigerator.

There are also microwave ovens available to students for warming up your lunch.

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21. Are there any facilities around the campus?

Our campus has a Walk Score of 56 out of 100, meaning that some errands can be accomplished on foot. For instance, Save-On-Foods is at 33 minutes walk, Costco at 23 minutes. At the same time Transit score is 58 out of 100 while the Bike score is 67 out of 100.

Location in Google Maps: <https://goo.gl/maps/38BYqwAECvg>

22. My question is not listed here. Who do I contact?

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