



Mechanical Engineering Guideline

Bachelor of Engineering Acceptance Guideline

Policy No.: 010 V003
Approving Body: Mechanical Engineering Department
Approved Date: February 17, 2016

Policy Statement

The mechanical department is committed to providing access to the degree program to those applicants most likely to succeed.

Purpose of the Policy

The purposes of the policy are to:

- Provide a fair and equitable process for admission to the mechanical engineering degree program.
- Allow applicants who have earned a diploma an opportunity to return to BCIT and obtain a degree.

Capacity

Nominal capacity in each of the three years in the degree path is 36 seats. In the second year of the degree path, the capacity is divided as follows:

- Students entering the degree from the first year of the program: 32 seats
- Returning diploma graduates: 4 seats

If there are fewer qualified applicants than seats in either category, the number of seats available in the other category will be increased until the nominal capacity is reached.

Selection Procedure and Criteria

The selection criteria differs depending on the background of the applicant. Students applying to the degree fall into one of the following 3 categories:

1. Students completing the first year of the BCIT Mechanical Engineering program.
2. Students who have graduated with a diploma in Manufacturing, Systems, or Design.
3. Students who have completed a portion of a program from outside of BCIT.

The selection criteria for each category is as follows:

1. Students completing the first year of the BCIT Mechanical Engineering program

Near the completion of the first year of the program, students select to continue on the degree path during the option selection process.

Criteria

- Fully complete first year.
- A minimum GPA of 70% in the first year of the program.

Competitive Entry

If the number of applicants exceeds the number of available seats, students will be ranked based on the GPA from the first year of the program. Seats will be offered based on the rankings until the capacity is reached.

2. Students who have graduated with a diploma in Manufacturing, Systems, or Design

Students who have graduated with a diploma in Mechanical Engineering from BCIT may return to BCIT to complete the degree. Students will typically enter into level 3, however, students who have completed all courses in the second year of the degree path may be eligible to enter into level 5 if space is available.

Criteria

- Graduation with a diploma in a BCIT Mechanical Engineering program.
- Minimum overall GPA of 70% for the entire diploma. If a student completes more than one option of the Mechanical Engineering diploma, the GPA includes all courses in all diplomas.

Competitive Entry

If the number of applicants exceeds the number of available seats, students will be ranked based on the GPA from the two years of the diploma program. Seats will be offered based on the rankings until the capacity is reached.

Work Experience Credit

A bonus for relevant work experience will be added to the calculated GPA. The work must be after earning a diploma of technology and must be at a technologist or engineering level. The bonus is calculated as follows:

- 10 months up to 22 months – 1% total bonus
- 22 months or greater – 2% total bonus

The work experience credit is used for the purpose of ranking students. All students must meet the minimum GPA set out in the criteria.

Time Limitations

Students who have been away from the program for more than 5 years will be required to re-take the second year of the program.

3. Students who have completed a portion of a program from outside of BCIT

Students with education from outside BCIT must enter into the first year of the diploma program. After completion of first year, they are treated the same as other students who are completing the first year of the program.

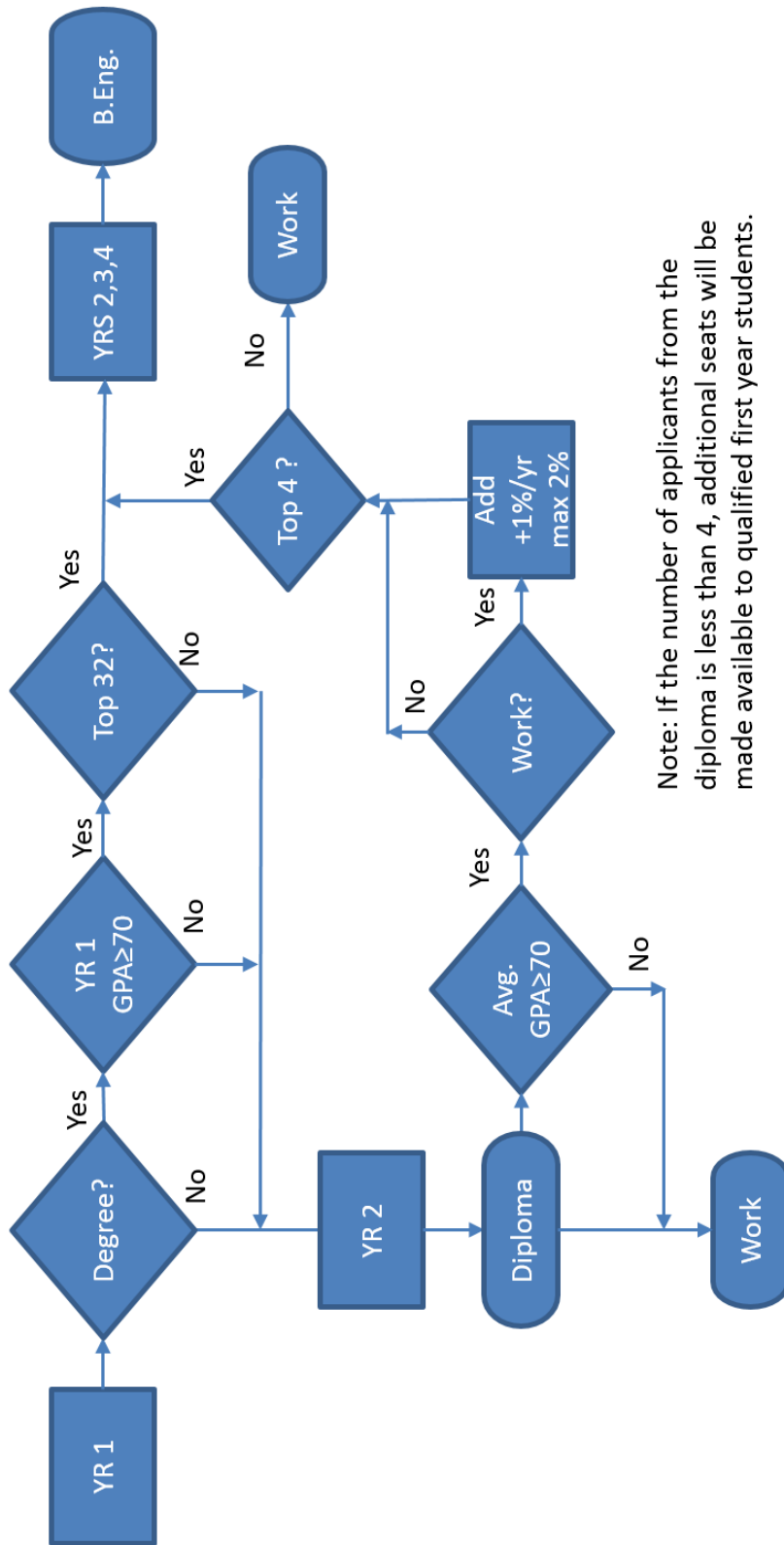
GPA Calculation

Grade Point Averages (GPA) are calculated on all attempts at all courses per BCIT grading policy. Equivalent courses are excluded from the calculation.

Document History

Date	Activity
Feb 17, 2021	Reviewed at Dept meeting. Approved by department. Saved as V003
Jan 28, 2021	Updated GPA Calculation section to include all attempts at all courses. Endorsed by PHs.
Nov 18, 2020	Reviewed at Dept meeting. Approved by department. Saved as V002
May 7, 2020	Reviewed by Program Heads
Apr 30, 2020	Added Document History (this table). Minor edit to add additional explanation on GPA calculation when students complete more than one diploma.
Feb 17, 2016	Approved by Department

Selection Flowchart



Note: If the number of applicants from the diploma is less than 4, additional seats will be made available to qualified first year students.