Q2

I chose Engineering Discipline mostly because

Lifestyle :

I want to gain experiences throughout my early job experience, through which I want to work myself towards the work ladder and will try to work my way towards my salary and a stable life.

Work Environment :

I want to work at a place with like-minded individuals, devoted and motivated towards working together in accomplishing the team-goal / project.

Q3

Part 1: Elevator Pitch

Hi! This is Arfaz Hossain, I’m a first-year engineering student at University of Victoria. I’m much more interested to know about how software programs work in helping solve the various problems on a day-to-day basis. That’s why I am thinking of declaring my distinction into Software Engineering by the end of this year. I am interested to know more about my field of studies in the coming years, and I am willing to put the necessary effort into it.

Part 2: The one action I will take this term to build my professional network

Communicate with more people having similar mindset from my surrounding.

Q4

**With consideration of your longer-term career goals, describe what steps will you take to prepare for your first co-op work term.**

I will attend both virtual and in-person seminars to meet potential employers and get to know their companies through talking to them. I will make a strong case for myself by presenting myself in a way through which employers can notice my potentials and attributes but will not be too confident or too shy while expressing myself. I will try to gain experience through involving myself in projects in my related field, not for getting employed, but for gaining necessary competence and experience in order to perform well on my first co-op work term.

Q5

**EGBC recognizes that ethical standards of conduct are fundamental to professional engineering practice. Please select one of the two scenarios listed below and answer the 2 questions.**

**Scenario A**

**You are an EIT in civil engineering working on a project to upgrade a 2-story parking lot.  The project is delayed by 2 weeks and is 10% over budget. You and your supervisor are under a lot of pressure to get the project back on track.  Your supervisor, who is managing the project, has signed off on some last minute changes to one of the exit ramps.  Your supervisor asks you to go to the job site to discuss the changes with the construction crew.   Just before you leave the office you overhear 2 staff members talking about someone in the office who is overworked and making bad decisions. You think they are talking about your supervisor, but you are not sure.**

**Scenario B**

**You are a Co-op student working with a very well know high-tech firm and you are working on their latest piece of hardware. This piece of hardware is set to revolutionize the industry and very little information has been released to the public. You have signed a Non-Disclosure Agreement with your company, agreeing not to discuss this with others outside the project.  You meet for lunch with a classmate who worked for your company on his last co-op, and is now working at a competing high-tech firm.  He asks questions about technical specifications and design of the device you are working on, saying that he's just interested in the project's progress since he left the company and he won't tell anyone else.  In the past, he volunteered information about his work projects even though you didn't ask him.**

## Code of Ethics

A registrant must adhere to the following Code of Ethics:

Registrants must act at all times with fairness, courtesy and good faith toward all persons with whom the registrant has professional dealings, and in accordance with the public interest. Registrants must uphold the values of truth, honesty, and trustworthiness and safeguard human life and welfare and the environment. In keeping with these basic tenets, registrants must:

1. hold paramount the safety, health, and welfare of the public, including the protection of the environment and the promotion of health and safety in the workplace;
2. practice only in those fields where training and ability make the registrant professionally competent;
3. have regard for the common law and any applicable enactments, federal enactments, or enactments of another province;
4. have regard for applicable standards, policies, plans, and practices established by the government or Engineers and Geoscientists BC;
5. maintain competence in relevant specializations, including advances in the regulated practice and relevant science;
6. provide accurate information in respect of qualifications and experience;
7. provide professional opinions that distinguish between facts, assumptions, and opinions;
8. avoid situations and circumstances in which there is a real or perceived conflict of interest and ensure conflicts of interest, including perceived conflicts of interest, are properly disclosed and necessary measures are taken so a conflict of interest does not bias decisions or recommendations;
9. report to Engineers and Geoscientists BC and, if applicable, any other appropriate authority, if the registrant, on reasonable and probable grounds, believes that:
   1. the continued practice of a regulated practice by another registrant or other person, including firms and employers, might pose a risk of significant harm to the environment or to the health or safety of the public or a group of people; or
   2. a registrant or another individual has made decisions or engaged in practices which may be illegal or unethical;
10. present clearly to employers and clients the possible consequences if professional decisions or judgments are overruled or disregarded;
11. clearly identify each registrant who has contributed professional work, including recommendations, reports, statements, or opinions;
12. undertake work and documentation with due diligence and in accordance with any guidance developed to standardize professional documentation for the applicable profession; and
13. conduct themselves with fairness, courtesy, and good faith towards clients, colleagues, and others, give credit where it is due and accept, as well as give, honest and fair professional comment.

Answer:

1. The situation reflected in scenario 1 adheres to the **EGBC Code of Ethics Rule 8**: *Avoid situations and circumstances in which there is a real or perceived conflict of interest and ensure conflicts of interest, including perceived conflicts of interest, are properly disclosed and necessary measures are taken so a conflict of interest does not bias decisions or recommendations*. As an engineer in training, who’s to discuss the latest changes to the project, I’ll gather all the crew members around, and disclose all the necessary details on the status of the running project (following **Rule 6**: *provide accurate information in respect of qualifications and experience*;) as well as any important factual information related to the project (for example, on how me and my supervisor are handling and dealing with managing the project) to all the crew members on site for avoiding any negative changes to the work environment (i.e, situations like spreading misleading information and/or conflict of interest).
2. The situation reflected in scenario 2 adheres to the **EGBC Code of Ethics Rule 13**: *conduct themselves with fairness, courtesy, and good faith towards clients, colleagues, and others, give credit where it is due and accept, as well as give, honest and fair professional comment*. As a co-op student working in a project, who has signed a Non-Disclosure Agreement with the company, I’ll not disclose any information of my work project, or any progress happening in the project. I’ll act professionally and will be honest and truthful when telling him that I won’t be able to disclose any information of the project in that moment. I’ll try to avoid the conversation through changing the topic if needed, in order to maintain a good professional relationship with my friend.