TEJ3M & TEJ4M - Computer Careers and Education

In this assignment, you will conduct research on Computer Careers and Education. You **MUST NOT** copy and paste. Everything should be rephrased in your own words.

You are to write a report in word or a similar program. Include proper citations and a works cited page (bibliography).

Your work should satisfy the requirements below:

1) Go to the following website and look at the description for "Electrical & Electronics Engineer":

   Ontario Skills Passport: Electrical & Electronics Engineers

2) For each of the "Essential Skills" ranked at level 4 or 5, click on the name of the skill to take you to a description of typical tasks for an Electrical & Electronics Engineer.

   - Write a brief summary (1 - 2 sentences) for each level 4 or 5 skill.

3) Choose a computer related career. You **MAY NOT** choose the same career as your neighbour. Discuss the following information:

   - A brief description of the job and its responsibilities
   - The education required for such a career
   - Essential skills and work habits that are important for success in the career as identified in the Ontario Skills Passport
   - The future possibilities (outlook) for that career
   - The salary range

   You may find the following web sites helpful:

   Job Bank - Government of Canada
   Career Cruising (This is synced with your username and password as school. You can access this at school, but from home you will have to log in.)

4) There are many different groups and programs that are available to support students and help them to learn about the field of computer science. Include a discussion of opportunities that may be available to students in your community. Examples of opportunities include:

   - Co-op programs
   - Job shadowing
   - Career fairs
   - Virtual network/support groups
   - Trade/industry associations

5) Investigate post-secondary education opportunities that would prepare you for employment in the computer career that you discussed in the second section of this report.
   It is your task to find a suitable program at a Canadian college AND also at a Canadian university and explore the following:

   - Entrance requirements
   - Description of first year program (courses)
   - Length of time (to complete the degree or diploma)
   - Costs (tuition and books) for each of the institutions

6)   a) Discuss why you would or would not be interested in such a career.

        b) Explain which post-secondary program you would attend if you decided to pursue the career you investigated (or which you would recommend to someone who would). Be sure to justify your decisions in both (a) and (b).