**HANDOUT [A] – STEM Occupation Search**

1. Select **Work** from the navigation menu on the left hand side of your **Dashboard**. Click **Occupations**.

2. Use the **Search** to find one (1) of the below occupations. You may also complete a custom search for another occupation of interest falling into the STEM field.

* Civil Engineer
* Computer Programmer
* Database Architect
* Astronomer
* Biophysicist
* Mechanical Engineer
* Statistician
* Chemist
* Zoologist
* Web Designer
* Computer Hardware Engineer
* Web Developer
* Video Game Designer
* Geological Technician
* User Experience Engineer
* Electrical Engineering Technician

3. Click on the heart in the occupation(s) box to add it to your list of **Favourites**, then click the name of the occupation you are most interested in to learn more. What occupation did you choose?

Occupation Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

*What are 3 of the* ***Important Skills*** *that you would need to work on from the list provided in the occupation* ***Overview*** *tab?*

1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

3. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

4. Click **Home** from the left hand navigation menu and select **Goals.** Add a short-term goal for two (2) skills that you want to develop and an action plan with at least 3 tasks (Click **+ Add Goal**).

*What are 3 of the* ***Important Skills*** *that you feel you have already acquired?*

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5. Click **Work** from the left hand navigation menu and select **Resumes** and then either:

* 1. Add these **skills** to your existing **Resume** OR
  2. Click on **Add Resume** (to start fresh)**.**

*Which pathway (i.e. Apprenticeship, College, University) is suggested to get into the field?*

*\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.*

6. From the occupation page, click the **Requirements** tab and make note of the Required Education and Additional Requirements to get into that field

7. Scroll down to **Potential Programs** and click **View More.** This will bring you into a list of all of the post-secondary programs that you can complete to get into your occupation of interest.

8. Scroll through the list and click on the **heart** icon for the programs that seem interesting to you (perhaps based on the province, tuition, program length, or institution). If there are too many options, scroll to the top and use the **Filters** and keyword **Search** (i.e. province that you want to study in, search key words or subjects that you like, etc.)

9. Click the three dots to the right of two (2) post-secondary programs and select **Compare**. At the top of your screen click the blue **Compare** button to see a side-by-side comparison of both programs.

10. Review the program details (program description, program length, tuition, education required, credentials awarded, co-op option, etc.) to confirm that you are interested in the program. Make note of the pros and cons of each program:

|  |  |  |  |
| --- | --- | --- | --- |
| Program 1: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | Program 2: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | |
| PROS | CONS | PROS | CONS |
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11. Click the **Requirements** taband make note of any course requirements that are not currently met by your existing high school plans (i.e. are greyed out and don’t have a green checkmark).

*What are the high school course requirements for this program?*

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12. Select **High School** from the navigation menu on the left hand side of your **Dashboard.** If you already have a high school plan, update the courses to include the requirements to get into your post-secondary program of interest.

*\*\*Hint: Add grade 12 courses first, followed by their prerequisites in grade 11. Any courses that   
 are missing prerequisites will be flagged in RED.*

13. Click **View Progress** on your **Graduation Indicator** to make sure you plan meets all graduation requirements. If any check marks are grey, review what is required and update your plan to include these courses.

14. Click **Home** from the left-hand navigation menu and click **Portfolios.** Open your ‘My Career Portfolio’, and click **Add Box > Add from myBlueprint.** Click the occupation you favourited in step **3** and add it to your portfolio.

15. Return to your ‘My Career Portfolio’ and click **Add Reflection.** Add a reflection answering the following questions:

* *After researching this career, is it still a potential occupation that interests you? If so, what will you do to make sure you’re on track for a career in this field? If not, what changed your mind?*