

## Careers in Computing - Group Assignment

- As a group of 3, pick 2 careers of interest from the list provided to your class, and provide the following details for **each**. You may not duplicate the career choices of other groups. First come, first served.
- Research the careers including, but not limited to:
  - Description of career
  - Related jobs
  - Salary
  - Skills required, with details connecting to your career, including:
    - § Essential Skills: <http://www.skills.edu.gov.on.ca/OSP2Web/EDU/DisplayEssentialSkills.xhtml>
    - § Work Habits: <http://www.skills.edu.gov.on.ca/OSP2Web/EDU/DisplayWorkHabit.xhtml>
  - Identify Post-Secondary Educational opportunities (at least 3 schools) for each of your chosen careers. Provide institutions, types of courses offered (biology, chemistry, electronics, math, etc), entrance requirements, length of program, costs, etc.
  - Research and list any groups or programs available to support students wanting to seek computer-related careers, in high-school, post-secondary and in the community.
- Site EVERYTHING you use!! Please include a bibliography at the end of your presentation.
- Create a single presentation of your findings in Google Slides.

## Career Assignment Rubric:

	Explanation	R	Level 1	Level 2	Level 3	Level 4
D3 - describe postsecondary education and career prospects related to computer studies						
D3.1	Career is researched and described in detail (Description, related jobs, salary).		Research is minimal with limited detail provided.	Basic information given with minimal detail.	All expected components are given.	Extensive details provided, with links to additional resources.
D3.3	Three postsecondary education programs listed and detailed (names, courses offered, entrance requirements, length of program, costs, etc.)		limited information is listed for postsecondary programs.	Some postsecondary programs are listed with some detail.	All postsecondary programs are listed with minimal details.	All postsecondary programs are listed with a lot of detail and links to additional resources.
D3.4	Identify groups and programs available to support students seeking careers in computing.		Few support groups/programs mentioned.	Some support groups/programs are mentioned.	Some support groups/programs listed with additional detail.	Several support groups/programs listed and explained in detail with links to extra information.
D3.5	Identify essential skills and work habits as listed on the Ontario Skills Passport.		Few essential skills and work habits are listed.	Some associated essential skills and work habits have been listed.	All appropriate essential skills and work habits are listed.	All associated essential skills and work habits are listed and connections to career are explained.
	Effectively communicated / presented the work		Communication was only somewhat effective.	Communicated information reasonably well.	Communicated / explained research clearly and appropriately..	Explained information confidently, clearly, keeping audience engaged.

## Curriculum Expectations covered.

D3.1 research and describe career choices and trends in computer science, at the local, national, and international levels;

D3.2 identify and report on opportunities for experiential learning (e.g., co-op programs, job shadowing, career fairs) in the field of computer science;

D3.3 research and report on postsecondary educational programs leading to careers in information systems and computer science (e.g., institutions offering relevant programs, industry certifications, courses of study, entrance requirements, length of programs, costs);

D3.4 identify groups and programs that are available to support students who are interested in pursuing non-traditional career choices related to information systems and computer science (e.g., mentoring programs, virtual networking/support groups, specialized postsecondary programs, relevant trade/industry associations);

D3.5 describe the Essential Skills and work habits that are important for success in computer studies, as identified in the Ontario Skills Passport.