# 3PX3 Introductory Project – Worksheet 1

This week in Design Studio, you will be determining the costs and benefits for each of the three co-op opportunities. Determine food costs, board, housing, travel, internet, and entertainment costs. Include a reference list in IEEE detailing where you sourced the information for instances where you have conducted research. There should be emphasis on the reasoning and logic behind how you come up with your cost, benefits, and conversion factors. This project must be completed and submitted individually, but feel free to discuss it with your peers.

Research or estimate information pertaining to each co-op opportunity, such as:

1. Salary (including overtime, if applicable)
2. Food Costs
3. Board and Housing Costs (rent, utilities, parking, laundry, etc.)
4. Travel Costs (car, public transportation, train, flights, etc.)
5. Internet Costs
6. Entertainment and Recreational Costs
7. Frequency of Cost/Benefit

*Note: the above list is not exhaustive.*

Make sure to specify the time frame (weekly, monthly, etc.).

To assign costs to other more personal considerations, consider the following prompts:

1. How do your personal and professional goals align with each job opportunity?
2. What are the long-term benefits of each co-op in terms of career prospects and skill development?
3. How do lifestyle preferences and cost of living in different locations affect the decision?
4. What is the impact on academic progress and potential delay in graduation?
5. What is the frequency of each cost/benefit?

*Note: the above list is not exhaustive.*

Use, for example, last spring/summer as a baseline to compare the benefits and costs against\*, whether that be another co-op, a part-time job, travelling, or taking courses over the spring and summer terms. Any costs or benefits that are long-term can be included in the last month of the year (important for when you make cash flow diagrams next week).

*\*Note: Do not explicitly state your earnings from last spring/summer.*

Quantify the following in monetary value for each co-op sequence:

1. Present Personal and Professional Goals Cost/Benefit
2. Long-Term Career Prospects and Skill Development Cost/Benefit
3. Lifestyle Preferences (location, vicinity to friends and family or clubs and activities) Cost/Benefit

Include an explanation (maximum one page) of how you chose your conversion factors as well as your reasoning behind assigned costs and benefits.

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| **References:** |