

COMPETENCY

Critical & Analytical Thinking

The ability to use logic, research, data and intuition to break down complex problems and determine feasible strategies. Individuals do not approach situations at face value, but instead observe, reflect and evaluate to draw pragmatic conclusions.

BEHAVIORAL INDICATOR

BI.C&A-9: Objective Analysis

- BI.C&A-9.1: Evaluate ideas objectively, assessing opportunities based on evidence-based reasoning and the significance of data
- BI.C&A-9.2: Consistently evaluate and understand personal biases and ask questions to challenge personal assumptions, as well as the assumptions of others
- BI.C&A-9.3: Demonstrate understanding of real-world limitations on ideas and make appropriate adjustments



ANALYTICAL TOOL

The **Decision Tree** can be used for ethical decision-making in personal and professional situations. This tool could also be helpful for making decisions in times of crisis. This works by narrowing down the process into four considerations: the decision to be made, the possible uncertainty of the choice, the actual options (at least two), and the consequence of each choice.

THEME

The post-secondary context for this unit is **Making Effective Decisions**. This challenge will reinforce the importance analyzing a problem using a decision-making process to weigh up the pros and cons of the possible actions, evaluate the possibilities, decide, and evaluate outcomes. Students will learn to use a decision tree. Additional considerations of ethical decision-making, and risk management are also highlighted.

What

Students will complete the steps of the **Competency-Based Problem Solving Process** below as they participate in the case challenge experience.

| | |
|-----------------------------------|---|
| Understand the Problem | Summarize the need, or issue, faced by the company. Identify the options the company is considering and what the organization hopes to achieve. |
| Analyze Options | Review the evidence and data available supporting each option. Evaluate each option based on its pros, cons, risks, and opportunity costs. |
| Develop a Recommendation | Select one option based on your objective analysis. Support your recommendation with reasons and evidence. |
| Present the Recommendation | Prepare a compelling, and engaging, pitch or presentation to share your recommendation and explain the benefits, costs, and impacts of your choice. Deliver the presentation to convince the company which option will meet its objectives. |

Why

This case challenge illustrates how the competency of Critical & Analytical Thinking can be used to objectively analyze a complex problem, weigh up the potential outcomes, and recommend a course of action. This case challenge will challenge students to:

- Ask questions and make decisions
- Evaluate pros, cons, risks, opportunity costs, and trade-offs
- Use a decision-making model to make a decision
- Analyze a business scenario in which making effective decisions is essential for success

How

The decision tree can be used for ethical decision-making in personal and professional situations. This tool could also be helpful for making decisions in times of crisis. How this works is by narrowing down the process into four considerations: the decision to be made, the possible uncertainty of the choice, the actual options (at least two), and the consequence of each choice.

