

OPERATIONS AND LOGISTICS Engineering

Is it for you?



Is your analytical mind your best quality?



Are you a math and statistics whiz?

DID YOU KNOW THAT..

Operations and logistics engineering is a fairly rare specialty: Less than 1% of Quebec engineers specialize in it.

Operations and logistics engineering is behind the planning, organization and management of large-scale sporting or cultural events.



WHAT DO THESE ENGINEERS DO?

Identify, in collaboration with managers, their company's organizational problems or service planning challenges and gather available data on the problem concerned.

Develop a mathematical model to represent the problem using a series of equations.

Determine the appropriate method(s) and algorithms to solve the modelled problem.

Complete or participate in the computer programming and processing of the model using the selected problem-solving methods.

Make simulations on computers and interpret the results provided by the model resolution.



WHERE DO THESE ENGINEERS WORK?

- Industrial and manufacturing sector
- International logistics sector
- Agri-food industry
- Rubber and plastic industry
- Pulp and paper industry
- Transportation industry
- Continuous improvement consulting sector (LEAN)
- Integrated enterprise resource planning (ERP) systems sales and implementation sector
- Aerospace industry
- Hospitals and the health system

QUEBEC OPERATIONS AND LOGISTICS ENGINEERING AT THE HEART OF INNOVATION

GIRO software

Used by 250 companies around the world to plan and increase the efficiency of their public transportation.



(IN FRENCH)

AVERAGE SALARY

\$121,298

Genium360, Compensation Survey of Engineering Employees and Graduates in Québec, 2023

PLACE FOR YOU



BACHELOR'S DEGREE IN OPERATIONS AND LOGISTICS ENGINEERING
4 YEARS



ENDLESS OPPORTUNITIES IN ENGINEERING!

Learn more about operations and logistics engineering and other kinds of engineering