

AUTOMATED PRODUCTION Engineering

Is it for you?



DID YOU KNOW THAT...

Automated production engineering is a little-known specialty: less than 3% of Quebec engineers specialize in it.

Automobile manufacturers and high technology companies have announced that they will soon market the first models of vehicles with an automated driving system, where drivers can give up full control of their vehicle.

In Canada, Ontario has been conducting a pilot project since 2016 that tests automated vehicles on their routes.



Can you hold your own when it comes to mechanics, electronics and computer science?



Do you dream of designing automated systems that optimize the execution routine tasks?



WHAT DO THESE ENGINEERS DO?

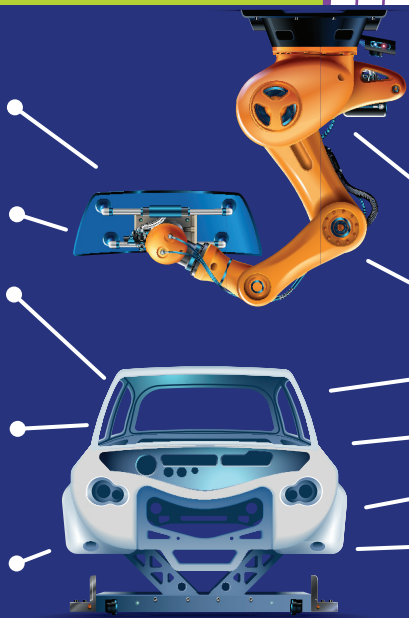
Develop instrumentation, control and automation systems for various industrial manufacturing procedures.

Supervise and manage all activities related to automated production.

Assess and adjust manufacturing needs based on the plant's capacity and performance, and the human, material and financial resources available.

Develop a production program based on the data received when estimating the cost, time and material required.

Plan inventory management, equipment use, plant and warehouse layout, and quality control standards.



WHERE DO THESE ENGINEERS WORK?

Transportation and rolling stock industry

Aerospace industry

Plastic and polymer industry

Pulp and paper industry

Telecommunications industry

Agri-food industry

QUEBEC AUTOMATED PRODUCTION ENGINEERING AT THE HEART OF INNOVATION

Robots that harvest greenhouse vegetables
Achieving the full potential of crops, reducing losses and compensating for the labour shortage.



(IN FRENCH)

AVERAGE SALARY

\$110,141

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

PLACE POUR TOI



BACHELOR'S DEGREE IN AUTOMATED PRODUCTION ENGINEERING

4 YEARS



ENDLESS OPPORTUNITIES IN ENGINEERING!

Learn more about automated production engineering and other kinds of engineering