

# CONSTRUCTION ENGINEERING

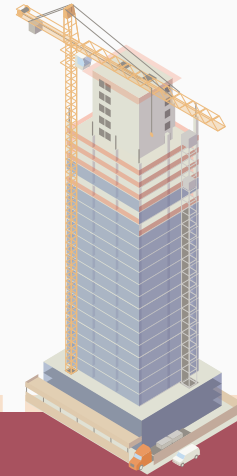
Is it for you?



Have you already drawn the plans for your future home?



Do you dream of building the world's tallest skyscraper?



## DID YOU KNOW THAT...

Many construction engineering projects contribute to improving the quality of life for everyone.

Graduates work with architects, designers and many other construction professionals.

Construction engineering combines the best of the profession: hands-on fieldwork and theoretical expertise.

## WHAT DO THESE ENGINEERS DO?

Analyze, plan and control all stages of construction: investigation, design, plans and specifications, materials, environmental and economic impacts, contracts, budget.

Design and direct the construction of civil structures and infrastructure: roads, bridges, buildings, dams, aqueducts, sewers, waste management sites.

Work on the development and supervision of work, health and safety, environmental standards, site signage, and selection of materials.

Supervise the progress of the work, ensure quality control and draft reports.

## WHERE DO THESE ENGINEERS WORK?

- Consulting engineering firms
- Builders, developers and general contractors
- Specialized contractors
- Academic institutions
- Federal and provincial departments, developers and general contractors
- Municipalities and cities

AVERAGE SALARY

**\$111,600**

© Genium360, Compensation Survey of Engineering Employees and Graduates in Québec, 2022

## FOSTER COLLABORATIVE WORK

Building information modelling (BIM) consolidates data into a digital model to facilitate coordination.



PLACE FOR YOU

ing Ordre des Ingénieurs du Québec



Bachelor's degree in construction engineering  
**4 years**



**ENDLESS OPPORTUNITIES IN ENGINEERING!**

Learn more about Construction engineering and other kinds of engineering