

Enjoy a Career in Connected Vehicle, Automated Vehicle and Smart Roadway Infrastructure Technologies

As a Chief Engineer, Connected & Automated Vehicle Technologies:

Connected and automated vehicles will revolutionize mobility, and have profound implications for our economy, labour markets and quality of life. As Chief Engineer, Connected & Automated Vehicle Technologies, you will work with industry, provinces, municipalities and other stakeholders to help shape the future of Canada's transportation system. You will lead a team of engineers, policy analysts and other specialists to help shape the Government of Canada's technical, program and policy approaches to these new innovations.

Salary ranges per level (under revision) – and benefits:

The salary range for the EN-ENG-05 group and level: \$103,807 to \$121,348 and includes a competitive suite of benefits.

Responsibilities:

- Lead Transport Canada's *Advancing Readiness for Connected and Automated Vehicles Program* – which aims to build the capacity of Canadian jurisdictions to address the array of complex technical, legal and social issues that CV/AV technologies will yield.
- Lead committees and technical working groups – comprised of stakeholders from across industry, government and academic – to address challenging and cross-cutting issues, including cybersecurity, technical standards development, and development of highly qualified personnel.
- Develop CV/AV testing and evaluation programs, and oversee testing at the department's Motor Vehicle Test Centre (MVTC).
- Represent the federal government in domestic, continental and international standards development committee meetings.

Is this career right for me?

These qualities and interests are essential for this career:

- 5 years of experience in connected and/or automated vehicle engineering, automotive engineering, cybersecurity.
- Any of the following: computer, electrical, robotics, systems integration engineering.
- Experience in developing application prototypes for automated or connected vehicle technologies, either in-lab or in-vehicle, is an asset.
- Knowledgeable in relevant software technologies, platforms and ecosystems, including Linux, Apple iOS, Google Android, QNX, wireless networking products and technologies.
- Ability to communicate clearly in writing.