

Requirements

Applicants are invited to submit an essay of 1200 to 2000 words. It must describe the applicant's experiences (**research and development**) and knowledge in at least one of the ITS Canada 2020 tracks according to the following list:

- 1) Innovative and safe cooperation between ITS experts such as sharing information and technology in a fair and secure way,
- 2) New transport systems for more strategic and efficient delivery of goods,
- 3) Integration of emergent technologies for more efficient active transportation including transit, pedestrians, and cyclists are part of the network
- 4) Technologies and directions of research and development for coming and emerging transport systems which will be connected and autonomous
- 5) Data acquisitions, processing, transmission, storage and distribution techniques for advanced and future mobility
- 6) Multidisciplinary research and development for future ITS development and deployments

Candidates must demonstrate the following qualities in their essays:

A well-structured document: The text must highlight the context, problem, and the solutions and trends defined in the literature, experience of the candidate and finally a conclusion based on their reflection and analysis on the presented theme

Correct technical knowledge: Introductions of new technical terms must be referenced. A list of references deemed relevant should be presented at the end of the document.

An analysis and personal reflection: The text should not be limited to facts. Technological advances and their future uses need to be discussed.

Career plan envisaged: Describe clearly its motivations for the transport world in general and particularly for ITS. What roles are anticipated in the transport world of tomorrow?

The essays can be submitted in either written French or English. The linguistic and presentation skills are important and will be integrated into the evaluation criteria of the essays that will be submitted

Important Dates:

- Announcement Date: February 28, 2020
- Submission Deadline: April 3, 2020
- Date of decision: May 1, 2020

Eligibility

Canadian Citizen or Landed Immigrant. Students already registered in graduate studies program in civil engineering or information technology related to Intelligent Transportation Systems (ITS) at a Canadian university.