

<b>Course Instructor</b>	<b>Ajay Agarwal</b>	<b>Email:</b> agarwala@queensu.ca
<b>Office</b>	E320 MC	
<b>Contact Time</b>	Two 1.5 hour lectures per week	
<b>Format</b>	Lecture and Discussion	
<b>Class Assessment</b>	Case study/ Term paper/ Final exam	

### COURSE OVERVIEW

This course provides an introduction to some of the key planning and policy issues in urban transportation. Urban transportation is examined in the context of general economic, social and spatial trends. Particular focus is placed on 1) the role the built environment in explaining travel behaviour and 2) policy tools for addressing transportation problems.

### LEARNING OUTCOMES

Upon successful completion of this course, the students will develop ability to:

- Understand key concepts related to urban transportation planning
- Examine the association between land use and transportation
- Examine economic, social, and environmental impacts of present travel patterns
- Explore the ways in which transportation “problems” could be addressed

### COURSE TOPICS

- The urban economic context
- Transportation and urban form
- Transportation planning process
- Transportation and environment
- Transportation and social equity
- Emerging trends

### COURSE READINGS

Giuliano G. and S. Hanson 2017. *The Geography of Urban Transportation 4th Edition*. New York: The Guilford Press