

Lakehead University

2019-2020

Prof.: Dr. Rosario Turvey

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Office Hours: 2:30 pm – 3:30 pm

Wednesday

or by appointment

Course Outline

GEOG 3911: Special Topic in Geography- Transportation Geography

Tuesday and Thursday: 1:00 pm -2:30 pm
Room OA 2020 (Orillia); AT 5041 (TB)

Course Objectives and scope

This human geography course is a study of transportation structures, systems and tools. In the study of transport systems for examining issues of mobility, conceptual and methodological approaches will be discussed. Assessment of transport utilities and facilities on the environment, society, economy and human spaces will be examined relative to societal trends and impacts for achieving sustainable transport systems. The course introduces the concepts and methods of contemporary transportation geography based on current research on the real-world geography of transportation systems.

Required Text:

Rodrigue, Jean-Paul with Comtois, Claude and Slack, Brian. (2013). *The Geography of Transport Systems, 4th Edition*. London and New York: Routledge

E-Resource: <http://people.hofstra.edu/geotrans>

Recommended Text:

Black, William. 2003. *Transportation: A Geographical Analysis*. New York: The Guilford Press.

Evaluation:

Assessment of student performance will be as follows:

- Class Participation- 20% (Attendance and 2 Take Home Class Exercises)
- Mid-term Exam- 30%
- Final Exam- 30%
- Term Paper – 20% (Due: December 2, 2019)

Guidelines on the term paper: 'My Transport World in 2030' will be distributed within the first day of class. This is a visioning exercise where students will draw from

(a) the OECD's optimistic vision for the transport world in 2035, (b) the chapters from the text and (c) other relevant research and web-resources for framing their own futuristic view of the structure and dynamics of transportation geography in Canada. The **midterm exam** for lectures will be written in class on **Thursday, October 24, 2019**. The final exam date will be announced by the Office of the Registrar in due course. The final exam will be based on lectures and not cumulative.

Schedule of Lectures/Readings:

Topic/Important Date/Reminder		
Week 1	Introduction and Fundamentals Course Orientation Term Paper: 'My Transport World in 2035' What is Transportation Geography? History and Current Transportation Systems and Trends <i>Read: Chapter 1, Rodrigue et al., 2013</i>	First Day of Class Course outlines and guidelines on Term Paper
	Transportation and the Spatial Structure <i>Read: Chapter 2, Rodrigue et al., 2013</i>	
Week 2	Transportation Modes <i>Read: Chapter 3, Rodrigue et al., 2013</i>	
Week 3-4	Transportation Terminals <i>Read: Chapter 4, Rodrigue et al., 2013</i>	
Week 5	International Trade and Freight Distribution <i>Read: Chapters 5, Rodrigue et al., 2013</i>	
Week 6	Urban Transportation Transportation, Land Use and Urban Form Mobility, Transport Problems <i>Read Chapter 6, Rodrigue et al.</i>	
	<i>Mid-Term, in class OA 2020/AT 5041, Thursday, October 24, 2019</i>	
Week 7	Transportation and the Economy <i>Read: Chapter 7, Rodrigue et al., 2013</i>	
Week 8	Transportation, Energy and Environment Transport and Environment, Societal Trends and Impact on Transport Transport and Sustainability	

Transport and Environmental Management
Read: Chapters 8, Rodrigue et al., 2013

Week 9 **Transportation Planning and Policy**
Transport and Planning
Transport Safety and Security
Transportation and Disasters
Read: Chapter 9, Rodrigue et al., 2013

Week 10-12 **Methods in Transportation Geography**
Methods and the Policy Process
Read: Chapter 10, Rodrigue et al., 2013

Week 13 **Research Week for Term Paper**

Reminder: **Deadline for Term Paper: 'My Transport World in 2035'**
December 2, 2019 *Final day of Fall Term classes, (no extension allowed)*
Submit by email as an attachment on due date for students in Orillia and Thunder Bay to: rturvey@lakeheadu.ca.

Student Responsibilities:

1. Students are encouraged to attend classes regularly and participate in class discussions and learning activities.
2. All students are advised to familiarize themselves with the policies on academic dishonesty such as plagiarism and cheating.
3. Students are strongly encouraged to contact the Instructor during office hours, by e-mail or by telephone, and/or by appointment, if they have questions and problems with the course requirements, lectures and student evaluation.

