



Syllabus



- Summary -

Course Title	Geography of Transportation
Course No.	GEOG 16.307
CRN	22643
Section	01
Start/End Dates	25 January 2021 to 28 April 2021
Term/Module	Spring 2021



- Course Description -

Mobility is a foundational human experience and expectation. Nearly every person will experience mobility at some point in his or her life, and nearly all people expect that mobility is possible. The expectation of mobility and the high value that people place on it has led to radical transformations in human created structures that conquer space by shortening the amount of time needed to traverse it. From sidewalks and pathways to horse and buggies to railroads, ships, cars and planes, humans have consistently transformed the prospect of mobility, its experience, and the distance covered. In the process, humans created enormous structures to support mobility (e.g., highways, airports, railroads) and initiated equally enormous environmental, social, and economic costs. Even legal structures have adapted to reflect the ideals of people who desire mobility—and a lot of it. This course introduces you to the core concepts that will help you understand mobility, the culture and ideals that surround it, and the various apparatuses that have been constructed to support it. The course covers the different kinds of transportation, the values embedded in each form of transportation, financing, issues of equity and the impacts on urban form. We study the very deep impact that transportation

systems have had on the environment, and we explore ways to build a more sustainable transportation system in the future.



- Instructor -

Name	Kevin Keenan, Ph.D., AICP
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Phone	(856) 256-4231
Office Hours	By appointment. The best days for meetings are Mondays, Tuesdays, and Thursdays. Other days are possible as well. I will find a time that works for both of our schedules, so please just email or ask for a meeting during class.



- Objectives -

As a result of learning in this course, students will be able to

- *Identify* and *define* foundational transportation concepts.
- *Apply* these concepts to understand the complexity of mobility in U.S. cities of the 21st
- *Analyze* contemporary transportation problems using collected data and interpretation via core concepts.
- *Articulate* a vision for a sustainable future that incorporates mobility and transportation as core components.



- Texts and Materials -

There is one required textbook for this course:

Geography of Urban Transportation, 4th Edition
by Genevieve Giuliano and Susan Hanson.

This book is available in the campus bookstore for \$75. Used and rental versions cost less.

You must obtain an official copy of the 4th edition of this textbook for the class.

The quality and accurateness of online vendors that are not approved by the publisher for this textbook (which is The Guilford Press) cannot be verified and thus should be avoided.



- Schedule -

Monday, 1/25
• Introductions
Wednesday, 1/27
• Chapter 1, Read Pages 3 to 23
Monday, 2/1
• Chapter 1, Read Pages 23 to 33
Wednesday, 2/3
• Chapter 2, Read Pages 34 to 46
Monday, 2/8
• Chapter 2, Read Pages 46 to 56
Wednesday, 2/10
• Chapter 3, Read Pages 57 to 74
Monday, 2/15
• Chapter 3, Read Pages 74 to 85
Wednesday, 2/17
• Chapter 4, Read Pages 86 to 96
Monday, 2/22
• Chapter 4, Read Pages 97 to 109
Wednesday, 2/24
• Chapter 5, Read Pages 113 to 126
Monday, 3/1
• Chapter 5, Read Pages 126 to 138
Wednesday, 3/3

- Free Day; No Class

Monday, 3/8

- Chapter 6, Read Pages 139 to 163

Wednesday, 3/10

- Chapter 7, Read Pages 164 to 184

Monday, 3/15

- Chapter 8, Read Pages 187 to 206

Wednesday, 3/17

- Chapter 8, Read Pages 206 to 217

Monday, 3/22

- Chapter 9, Read Pages 218 to 230

Wednesday, 3/24

- Chapter 9, Read Pages 230 to 246

Monday, 3/29

- Chapter 10, Read Pages 247 to 272

Wednesday, 3/31

- Chapter 11, Read Pages 273 to 285

Monday, 4/5

- Chapter 11, Read Pages 285 to 301

Wednesday, 4/7

- Free Day; No class

Monday, 4/12

- Chapter 12, Read Pages 302 to 315

Wednesday, 4/14

- Chapter 12, Read Pages 315 to 331

Monday, 4/19

- Free Day; No Class

Wednesday, 4/21

- Chapter 13, Read Pages 332 to 358

Monday, 4/26

- Chapter 14, Read Pages 359 to 388

Wednesday, 4/28 ~ Last Day

- Wrap Up & Close Out the Semester; No Reading Assigned



- Assignments -

Your grade for this course will be generated from assessments of 4 different assignments. Each of the assignments are described in greater depth below, and there are corresponding rubrics for each one.

- Class Participation and Attendance ~ 25%
- Concept-Media Presentation ~ 25%
- Labs ~ 50%



- Policies -

- Our Canvas site provides a link to the University policies that govern student conduct and our classroom. You are accountable to these policies, so please review them and be aware of the content. The policies include, among others, Classroom Behavior Policy, Academic Integrity Policy, Student Accommodations Policy, and University Attendance Policy.

There are several additional policies specific to this course:

- **Student Email:** Students are required to have a Rowan University email account and to check it at least once per day. All notices regarding the course will be sent to the Rowan University account via the Blackboard site. When writing emails related to the course, please use proper grammar and prose. (It is good practice for the workplace.)
- **Faculty Email:** The professor uses keenankp@rowan.edu and will check it at least once per day. Immediate responses via email should not be expected, but can generally be expected within a 24-hour period.
- **Chatting online, or checking Facebook** while lecture is in progress or while people are participating is rude. It also hinders your learning. Please do not do it.

- **Special needs or concerns:** Any student eligible for and needing accommodations because of a disability or learning need is requested to speak with me during the first two weeks of class or as soon as the student has been approved for services so that reasonable accommodations can be arranged. Accommodations are not retroactive (meaning if you do not alert me to a needed accommodation before you complete an assignment, you will not receive the accommodation for that assignment). More information on seeking accommodations is available on the following Web site:
<https://sites.rowan.edu/disabilityresources/disabilityfaqs.html>
(<https://sites.rowan.edu/disabilityresources/disabilityfaqs.html>).
- **Rowan University Sexual Misconduct and Harassment Reporting, and Title IX** Rowan University and its faculty and staff are committed to assuring a safe and productive educational environment for all students. Title IX makes it clear that sexual misconduct and harassment based on sex and gender is a Civil Rights offense subject to the same kinds of accountability and the same kinds of support applied to offenses against protected categories such as race, national origin, etc.

University faculty and staff members are required to report any instances of sexual misconduct or harassment, to the University's Title IX Coordinator so that the appropriate resources and support options are provided. What this means is that as your professor, I am required to report any incidents of sexual misconduct and harassment that are directly reported to me, or of which I am somehow made aware.

If you are the victim of sexual misconduct or harassment, Rowan encourages you to reach out to these resources:

Confidential Resources:

The Wellness Center, Winans Hall, 856-256-4333, www.rowan.edu/wellness
(<http://www.rowan.edu/wellness>).

Non-Confidential Resources:

Office of Student Equity and Compliance (OSEC), Savitz Hall 203, 856-256-5830
Public Safety, Bole Annex, 856-256-4911
Other reporting information is available here: go.rowan.edu/titleix

- **If you find yourself in trouble are dealing with something beyond your control that is affecting your ability to complete your studies**, please reach out to me. I am connected to the different services Rowan offers and will be able to direct you to the best resources.





- Grading -

Insert content here.

Category	Description	Percentage/Points
Class Participation and Attendance	<p>Attendance and participation matters in life, and they matter in this course as well. You are expected to come to all classes prepared and ready to participate. Preparation means that you have carefully read the assigned reading and that you discuss and engage with your peers and me. Only university-approved documented absences will be excused.</p> <p>Please note that in the Zoom environment, you are expected to be at your computer paying attention and participating in the course. If your camera is off, you will be called on to verify your attendance throughout the class period.</p> <p>Please see the rubric for specific information on how I will assess your class participation and attendance.</p>	25%
Concept-Media Presentation	<p>To connect course material with the world beyond the classroom, another component of the course is finding and discussing news or other real-world items that illustrate concepts, ideas, or issues from the assigned reading. Each class session, one or two students will be asked to define a concept (or concepts) from the reading, find a media source that illustrates that concept, and explain the concept to the class and how the media piece illustrates it.</p> <p>You are required to submit a one paragraph definition of the concept and a one paragraph explanation for how the media source illustrates the concept. For your presentation,</p>	25%

	<p>you are required to generate an organized PowerPoint that you will share with the class. You are also required to generate two to three discussion questions based both on your media source and concept, but also on the other content assigned for that day. Include these discussion questions on page 2 of your document. We will address your questions in class.</p> <p>This assignment should be submitted to me via the assignment box on Blackboard by 9:00 a.m. on the day of your presentation.</p> <p>Please Note: If you do not deliver your presentation on the date scheduled, you will earn a zero for this portion of your grade.</p>	
Lab Assignments	<p>There will be 3 lab assignments issued over the course of the semester. These lab assignments will include a study of pedestrian environments, transit, transportation planning, and analysis of commuting patterns in different communities in New Jersey. Detailed information will be provided on each lab. The due dates are as follows:</p> <p>Lab 1 - Due 28 February by 11:59 p.m.</p> <p>Lab 2 - Due 28 March by 11:59 p.m.</p> <p>Lab 3 - Due 2 May by 11:59 p.m.</p>	<p>Lab 1 - 20%</p> <p>Lab 2 - 20%</p> <p>Lab 3 - 10%</p>
Total		100%