

SYLLABUS

GEOG 5300: Geography of Transportation

Autumn 2024 – TR 12:45 - 2:05pm Page Hall 020

3 credit hours

Computer/tablet are required.

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COURSE OVERVIEW

Instruction team

Instructor: Dr. Huyen Le

Email: le.253@osu.edu

Office hours: 2-3 Monday; 2:30-3:30 Thursday at **Derby Hall 1110**.

TA: Aniket Sangwan

Email: sangwan.10@buckeyemail.osu.edu

Office hours: 2:30-3:30 pm on Tuesday and 1-2 pm on Wednesday at **Derby Hall 1155**

We also hold office hours upon request. To request an appointment outside of the above times, please email both of us with your availability up to a week ahead.

Prerequisites

None.

Course description

This course examines the spatial and system-wide aspects of transportation in the U.S. and internationally. It covers transportation methods at the introductory level and emphasizes the applications and critical views of the transportation system.

Course learning outcomes

Upon successful completion of this course, students should be able to:

- Summarize key theories underlying the spatial organization and operations of transportation systems.
- Analyze interconnections within and between social, environmental, and transportation systems.
- Interpret patterns in transportation systems.
- Apply concepts and methods to solve real-world problems in transportation.
- Identify strengths and weaknesses of theories and methods.
- Identify consequences of development processes and affected parties.
- Recognize and value differences in interests of stakeholders.
- Evaluate the outcomes and performance of a transportation system.

HOW THIS COURSE WORKS

Mode of delivery: This class includes in-person lectures, discussions, and reviews. All slides and reading materials will be uploaded on Carmen Canvas.

Credit hours and work expectations: This is a **3-credit-hour course**. According to Ohio State policy (go.osu.edu/credithours), students should expect around 3 hours per week of time spent on direct instruction (instructor content, group activities, for example) in addition to 6 hours of homework (reading and assignment preparation, for example) to receive a grade of (C) average.

Communications with the instructor and TAs outside of classroom: *Questions related to class materials and assignments should be posted on Carmen discussion board.* We will check these posts once per school day. We encourage you to help your classmates out if you know the answers, but make sure you are not violating the code of student conduct (e.g., do not upload your assignment or show them the exact answer to complete their assignments).

Other questions can be directed to the instructors via email or office hours (always include both TA and the instructor in your emails, in case one of us is unavailable). ***Make sure that you put "Geog 5300" in the subject line, in addition to the topic/issue that you want to discuss.***

COURSE MATERIALS AND TECHNOLOGIES

Textbooks

Rodrigue - The Geography of Transport Systems, Routledge (2013)

Guiliano & Hanson, The Geography of Urban Transportation, Guilford Press, Fourth Edition

Van Wee et al. The Transport System And Transport Policy, 2nd edition.

And other selected book chapters and journal articles.

You are NOT required to purchase the physical text books. All the books and assigned readings are available on the OSU libraries website and Carmen Canvas page.

Course technology

Technology support

For help with your password, university email, Carmen, or any other technology issues, questions, or requests, contact the Ohio State IT Service Desk. Standard support hours are available at ocio.osu.edu/help/hours, and support for urgent issues is available 24/7.

- **Self-Service and Chat support:** ocio.osu.edu/help
- **Phone:** 614-688-4357(HELP)
- **Email:** servicedesk@osu.edu
- **TDD:** 614-688-8743

Technology skills needed for this course

- Basic computer and web-browsing skills
- Navigating Carmen (go.osu.edu/canvasstudent)
- Buckeye Box cloud storage (<https://box.osu.edu/>)
- Recording a slide presentation with audio narration (go.osu.edu/video-assignment-guide)
- Recording, editing, and uploading video (go.osu.edu/video-assignment-guide)

Required equipment

- Computer/tablet: current Mac (Mac OS) or PC (Windows 10) with high-speed internet connection for in-class sessions (note taking and group activities) and homework. If you choose to use a tablet or iPad, you may need an external keyboard.
- Webcam (for Zoom office hours): built-in or external webcam, fully installed and tested
- Microphone (for Zoom office hours): built-in laptop or tablet mic or external microphone
- Other: a mobile device (smartphone or tablet) to use for BuckeyePass authentication

Required software

- Microsoft Office 365: All Ohio State students are now eligible for free Microsoft Office 365. Full instructions for downloading and installation can be found at go.osu.edu/office365help.

Carmen access

You will need to use BuckeyePass (buckeyepass.osu.edu) multi-factor authentication to access your courses in Carmen. To ensure that you are able to connect to Carmen at all times, it is recommended that you take the following steps:

- Register multiple devices in case something happens to your primary device. Visit the BuckeyePass - Adding a Device help article for step-by-step instructions (go.osu.edu/add-device).
- Request passcodes to keep as a backup authentication option. When you see the Duo login screen on your computer, click **Enter a Passcode** and then click the **Text me new codes** button that appears. This will text you ten passcodes good for 365 days that can each be used once.
- Download the Duo Mobile application (go.osu.edu/install-duo) to all of your registered devices for the ability to generate one-time codes in the event that you lose cell, data, or Wi-Fi service

If none of these options will meet the needs of your situation, you can contact the IT Service Desk at 614-688-4357(HELP) and IT support staff will work out a solution with you.

GRADING AND FEEDBACK

How your grade is calculated

All assignments outside of class time will be submitted through Carmen Canvas by 11:59 PM on the due date (always a Friday) to be considered on time.

CATEGORY	POINTS	DUE DATES
Self-introduction	1	Original post: 8/23 Comments to peers: 8/30
Class participation	12	N/A
Assignment 1	16	Check canvas
Assignment 2	17	Check canvas
Assignment 3	17	Check canvas
Assignment 4	17	Check canvas
Final paper - reflection	20	12/6
Total	100	
<i>Extra credit</i>	<i>2 (max)</i>	<i>12/6</i>

Descriptions of major course assignments

Description: In each assignment, you will create a short memo (700-800 words) for transportation practitioners to support them in the decision making process. You will use the knowledge, theories, and methods that you learned in this class to explain and address problems in the real world.

Details about each assignment, including guidelines and rubric, will be made available on Carmen Canvas.

Academic integrity and collaboration: This is an individual assignment. You may discuss the assignments and approaches to solve the problems with your classmates, however, you may not share your written papers with them or provide them with direct answers. Using text from ChatGPT or any AI program outputs for any part of your submission is considered plagiarism.

To reduce any potential biases in grading, we will anonymously grade your assignments and final paper by omitting your displayed name on Carmen Canvas. Once the grading is done, your name will be retrieved. For this, **we ask that you do not put your name on your submission.** If you prefer to put your name, do so on the very last page, separate from the main essay. *This policy does not apply to in-class submissions.*

Participation

Your participation will be taken in the form of quizzes, in-class discussions, and other activities during class. You can drop the lowest grades of 2 quizzes and 2 in-class discussions (including the ones that you miss – see the *Excused absence* section below). Note that these activities are not available in every class session (we may have 0-2 activities per week).

Excused absence

You don't need to notify us if you are absent for a week or less. While your absence may result in a 0 of the participation point (if available that day), you may drop the lowest points as long as you don't miss too many class sessions (see the *Participation* section).

If you are missing classes for three or more consecutive sessions, contact the instructor and TA (always CC both of us) before class with the excuse and supporting documents.

Late submissions

By default, late submissions of discussion posts/responses, quizzes, assignments, and final paper are subject to 5% grade reduction for each late day. **We will NOT accept submissions that are more than 10 days late, unless you have permission from the instructor before or on the due date.** Late submission is always better than no submission.

One-day automatic extension: You have one opportunity to extend your deadline for one day during the semester (indicate it in your submission to get full credit). This extension will be applied to an assignment of your choice, including the final paper. No permission is required; you will indicate in your submission that you are using the one-day extension. We suggest that you use this opportunity wisely and reserve it for the end of the semester when the workload is unusually high.

In case of personal and family emergencies, please notify the instructor as soon as possible so that we can work out a new submission time. Such extensions will be granted on a case-by-case basis. If you fail to notify the instructor by 5 days after the deadline, your excuses will not be accepted and all blanket policies in this class will apply.

Extra credit

There will be opportunities for extra credit during the semester, with a maximum of 2% of the final grade. These are activities that are related to transportation/ sustainability research and practice, for example, participating in research surveys in the OSU Sona system (i.e., ESSREP program) or volunteering for local planning agencies (e.g., Mid-Ohio Regional Planning Commission or MORPC). More details about the latter opportunity will be available during the semester.

Environmental and Social Sustainability Research Experience Program (ESSREP)

The goal of ESSREP is to enhance student's understanding of social scientific research methods and help apply class lessons to their lives. As a way to gain extra credit for this class you can get hands-on experience participating in research studies conducted by Faculty and Graduate Students in the Environmental and Social Sustainability (ESS) Lab in SENR. Research studies may take the form of online or in-person surveys, interviews, or focus groups and will be related to a current research in a variety of topics in resource management, environmental science, psychology, and rural sociology.

- In order to sign up for research opportunities you will first need to create a Sona account using your .osu email address at <https://osu-essrep.sona-systems.com>. You will then be able to view and sign up for studies and monitor your credit accumulation through Sona Systems. Please see our website <https://ess.osu.edu/subject-pool/research-option> for more detailed sign-up

instructions, credit amounts, policies, and Frequently Asked Questions. **You must be 18 or older.**

A total of **up to 2 research credits** will be possible as extra credit for this course, constituting 2% of your final grade.

If you have any questions about the research or paper options, or encounter difficulties with Sona systems please contact the lab manager Ellen Eilers at: eilers.14@osu.edu. **Your instructors and TAs do not have access to Sona systems and will not be managing the paper option; please direct all ESSREP-related questions to the lab manager.**

Grading scale

A	A-	B+	B	B-	C+	C	C-	D+	D	E
≥93%	90-92%	87-89%	83-86%	80-82%	77-79%	73-76%	70-72%	67-69%	60-66%	<60%

For students who take this course to fulfill the requirements for their majors, a C- is a minimum passing grade.

Feedback and response time

We are providing the following list to give you an idea of our intended availability throughout the course. (Remember that you can call **614-688-4357(HELP)** at any time if you have a technical problem).

- **Grading and feedback:** For large assignments, you can generally expect feedback within **10 school days** (e.g., about 2 calendar weeks, excluding holidays), unless emergencies occur to one of the instructors.
- **Email:** Collectively, we will reply to emails within **2 school days (excluding weekends and holidays) when class is in session at the university.**
- **Discussion board:** We will check and reply to messages in the discussion boards every **36 hours on school days.**

OTHER COURSE POLICIES

Health and safety requirements

All students, faculty and staff are required to comply with and stay up to date on all university safety and health guidance (<https://safeandhealthy.osu.edu>). Non-compliance will be warned first and disciplinary actions will be taken for repeated offenses.

Religious accommodation

Ohio State has had a longstanding practice of making reasonable academic accommodations for students' religious beliefs and practices in accordance with applicable law. In 2023, Ohio State updated its practice to align with new state legislation. Under this new provision, **students must be in early communication with their instructors regarding any known accommodation requests for religious beliefs and practices, providing**

notice of specific dates for which they request alternative accommodations within 14 days after the first instructional day of the course. Instructors in turn shall not question the sincerity of a student's religious or spiritual belief system in reviewing such requests and shall keep requests for accommodations confidential.

With sufficient notice, instructors will provide students with reasonable alternative accommodations with regard to examinations and other academic requirements with respect to students' sincerely held religious beliefs and practices by allowing up to three absences each semester for the student to attend or participate in religious activities. Examples of religious accommodations can include, but are not limited to, rescheduling an exam, altering the time of a student's presentation, allowing make-up assignments to substitute for missed class work, or flexibility in due dates or research responsibilities. If concerns arise about a requested accommodation, instructors are to consult their tenure initiating unit head for assistance.

A student's request for time off shall be provided if the student's sincerely held religious belief or practice severely affects the student's ability to take an exam or meet an academic requirement and the student has notified their instructor, in writing during the first 14 days after the course begins, of the date of each absence. Although students are required to provide notice within the first 14 days after a course begins, instructors are strongly encouraged to work with the student to provide a reasonable accommodation if a request is made outside the notice period. A student may not be penalized for an absence approved under this policy.

If students have questions or disputes related to academic accommodations, they should contact their course instructor, and then their department or college office. For questions or to report discrimination or harassment based on religion, individuals should contact the Office of Institutional Equity. (Policy: Religious Holidays, Holy Days and Observances)

Weather or other short-term closing

Should in-person classes be canceled, we will meet virtually via CarmenZoom during our regularly scheduled time. I will share any updates via Carmen Canvas announcement. Bby default, you will receive an email notification when I post a Canvas announcement; make sure you did not turn off this notification function.

Academic integrity policy

See **Descriptions of major course assignments**, above, for my specific guidelines about collaboration and academic integrity in the context of this online class.

Ohio State's academic integrity policy

It is the responsibility of the Committee on Academic Misconduct to investigate or establish procedures for the investigation of all reported cases of student academic misconduct. The term "academic misconduct" includes all forms of student academic misconduct wherever committed; illustrated by, but not limited to, cases of plagiarism and dishonest practices in connection with examinations. Instructors shall report all instances of alleged academic misconduct to the committee (Faculty Rule 3335-5-48.7 (B)). For additional information, see the Code of Student Conduct.

Using AI as a research tool is permitted in this class (with caution). However, **you may not use direct AI outputs as part of your papers in this class.**

If we suspect that a student has committed academic misconduct in this course, we are obligated by university rules to report my suspicions to the Committee on Academic Misconduct. If COAM determines that you have violated the university's *Code of Student Conduct* (i.e., committed academic misconduct), the

sanctions for the misconduct could include a failing grade in this course and suspension or dismissal from the university.

If you have any questions about the above policy or what constitutes academic misconduct in this course, please contact me.

Other sources of information on academic misconduct (integrity) to which you can refer include:

- Committee on Academic Misconduct web page (go.osu.edu/coam)
- Ten Suggestions for Preserving Academic Integrity (go.osu.edu/ten-suggestions)
- Eight Cardinal Rules of Academic Integrity (go.osu.edu/cardinal-rules)

Copyright for instructional materials

The materials used in connection with this course may be subject to copyright protection and are only for the use of students officially enrolled in the course for the educational purposes associated with the course. Copyright law must be considered before copying, retaining, or disseminating materials outside of the course.

Statement on Title IX

All students and employees at Ohio State have the right to work and learn in an environment free from harassment and discrimination based on sex or gender, and the university can arrange interim measures, provide support resources, and explain investigation options, including referral to confidential resources.

If you or someone you know has been harassed or discriminated against based on your sex or gender, including sexual harassment, sexual assault, relationship violence, stalking, or sexual exploitation, you may find information about your rights and options at titleix.osu.edu or by contacting the Ohio State Title IX Coordinator at titleix@osu.edu. Title IX is part of the Office of Institutional Equity (OIE) at Ohio State, which responds to all bias-motivated incidents of harassment and discrimination, such as race, religion, national origin and disability. For more information on OIE, visit equity.osu.edu or email equity@osu.edu.

Commitment to a diverse and inclusive learning environment

The Ohio State University affirms the importance and value of diversity in the student body. Our programs and curricula reflect our multicultural society and global economy and seek to provide opportunities for students to learn more about persons who are different from them. We are committed to maintaining a community that recognizes and values the inherent worth and dignity of every person; fosters sensitivity, understanding, and mutual respect among each member of our community; and encourages each individual to strive to reach his or her own potential. Discrimination against any individual based upon protected status, which is defined as age, color, disability, gender identity or expression, national origin, race, religion, sex, sexual orientation, or veteran status, is prohibited.

Your mental health

As a student you may experience a range of issues that can cause barriers to learning, such as strained relationships, increased anxiety, alcohol/drug problems, feeling down, difficulty concentrating and/or lack of motivation. These mental health concerns or stressful events may lead to diminished academic performance or reduce a student's ability to participate in daily activities. The Ohio State University offers services to assist you

with addressing these and other concerns you may be experiencing. If you or someone you know are suffering from any of the aforementioned conditions, you can learn more about the broad range of confidential mental health services available on campus via the Office of Student Life's Counseling and Consultation Service (CCS) by visiting ccs.osu.edu or calling 614-292-5766. CCS is located on the 4th Floor of the Younkin Success Center and 10th Floor of Lincoln Tower. You can reach an on call counselor when CCS is closed at 614-292-5766 and 24 hour emergency help is also available 24/7 by dialing 988 to reach the Suicide and Crisis Lifeline.

ACCESSIBILITY ACCOMMODATIONS FOR STUDENTS WITH DISABILITIES

Requesting accommodations

The university strives to maintain a healthy and accessible environment to support student learning in and out of the classroom. If you anticipate or experience academic barriers based on your disability (including mental health, chronic, or temporary medical conditions), please let me know immediately so that we can privately discuss options. To establish reasonable accommodations, I may request that you register with Student Life Disability Services. After registration, make arrangements with me as soon as possible to discuss your accommodations so that they may be implemented in a timely fashion.

If you are ill and need to miss class, including if you are staying home and away from others while experiencing symptoms of a viral infection or fever, please let me know immediately. In cases where illness interacts with an underlying medical condition, please consult with Student Life Disability Services to request reasonable accommodations. You can connect with them at slds@osu.edu; 614-292-3307; or slds.osu.edu.

Accessibility of course technology

This online course requires use of CarmenCanvas (Ohio State's learning management system) and other online communication and multimedia tools. If you need additional services to use these technologies, please request accommodations with your instructor.

- Canvas accessibility (go.osu.edu/canvas-accessibility)
- Collaborative course tools

COURSE SCHEDULE

Refer to this document for an updated schedule:

https://docs.google.com/document/d/16GQymIL5mi7Kl1-9UAY5_vApVgzE-Jm7cD9AXxz0QcE/edit