

SAN JOSÉ STATE UNIVERSITY
URBAN AND REGIONAL PLANNING DEPARTMENT
URBP 256: SUSTAINABLE TRANSPORTATION PLANNING
URBP 156: SUSTAINABLE TRANSPORTATION PLANNING
SPRING 2025

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Office hours: Tuesdays, 5:00-6:00 p.m.
Class time: Tuesdays, 6:00-8:15 p.m.
Classroom: Washington Square 111
Prerequisites: URBP 256: Instructor consent
URBP 156/ENVS 156: Upper division standing
Units: 4

Course Description

This course is designed to help the student understand many of the local issues confronting transportation and learn ways of making these systems work as a transportation professional. However, this course alone will not prepare students for specialized transportation positions (e.g., modeler or traffic engineer). These would require additional course work.

Most of the course focuses on local transportation policy and planning. While some transportation planning occurs at the regional level, transportation must be planned in coordination with land use

Opportunities for engagement with practicing transportation planning professionals will become available during the traffic calming and walking audit assignments, as well as the small group project. These assignments are described in the Course Workload section of this syllabus (below).

For the one-unit engagement unit, the instructor will spend an additional 15 hours during the semester on activities such as: designing the engagement unit activities and the related assignments, coordinating with community partners to implement the activities, visiting students outside of class on a weekly basis as needed, and grading engagement unit activity assignments.

Course Learning Objectives (CLOs): URBP 256

Upon successful completion of the course, each URBP 256 student will be able to:

- 1.

Expectations of Graduate Students Compared to Undergraduate Students

Graduate students are expected to prepare a 15 to 20-page term paper; the requirement for undergraduates is a 10 to 12-page term paper.

Graduate student TED talks are expected to be 8 to 10 minutes long; undergraduate TED talks need only be 5 to 7 minutes long.

Graduate student work will be graded in a more rigorous manner than that of undergraduates since graduate students will have the advantage of more academic experience.

Calculation of Final Course Letter Grade

As indicated above, the final course grade is based on seven graded activities: the reading memos and class participation are collectively worth 20 percent, the next three in the table are each worth 10 percent, the small group project is worth 25 percent, and the term paper is worth 25 percent.

The following scheme will be used to translate a total numeric score into a course grade:

A+ (98 to 100); A (93 to 98); A- (90 to 93); B+ (87 to 90); B (83 to 87); B- (80 to 83); C+ (77 to 80); C (73 to 77); C- (70 to 73); D+ (67 to 70); D (63 to 67); D- (60 to 63); F (below 60).

Other Grading and Assignment Issues

All late classwork will be marked down as follows.

Fortnightly Reading Memos/Participation: If received within 24 hours of each scheduled deadline, they will be marked down 0.2 point. Thereafter, they will be marked down as follows:

- 1-4 days late: 0.4 point
- 4-7 days late: 0.6 point
- Over 7 days: no credit given

Walking and Traffic Calming Assessments: If received within 24 hours of the scheduled deadline, they will be marked down 1 point. Thereafter, they will be marked down as follows:

- 1-4 days late: 2 points
- Over 4 days: no credit given

TED Talk: This presentation must be given one of the two dates indicated.

Small Group Project (Engagement Activity): If received within 24 hours of the scheduled deadline, it will be marked down two points (e.g., from a 23 out of 25 points to a 21 out of 25 points). Thereafter, it will be marked down according to the following schedule:

- 1-4 days late: 5 points
- 4-7 days late: 10 points
- Over 7 days: no credit given

Term Paper: If received within 24 hours of the scheduled deadline, it will be marked down 2 points (e.g., from a 23 of 25 points to a 21 of 25 points). Thereafter, it will be marked down as follows:

- 1-4 days late: 5 points
- 4-7 days late: 10 points
- Over 7 days: no credit given

Course Workload

outline on Canvas by February 18, will present a summary of their engagement activity and lessons learned on April 29 and will place a written version on Canvas by April 29.

For the Term Paper each student will research and write a paper on a topic related to the course, i.e., a policy paper discussing a local sustainable transportation planning topic. Each student topic must be approved by the instructors. The Term Paper outline is due on Canvas Mar. 11, and a final version of the Paper is due on Canvas at 6:00 p.m., May 6.

Here are some possible subject areas from which to narrow down your term paper topic:

1. Sustainability and Local Transportation
2. Transportation, Land Use and Climate Change at the Local Level
3. Improving Access to San José State and its Environs.
4. Local Active Transport Planning
5. Policy Analysis of Gender, Aging and Other Demographic Transportation Issues
- 6.

that students with disabilities requesting accommodations register with the Accessible Education Center or AEC (formerly known as the Disability Resource Center (DRC)) to establish a record of their disability.

You can find information about the services SJSU offers to accommodate students with disabilities at the AEC website <https://www.sjsu.edu/aec/>

Accommodation to Students' Religious Holidays

San José State University shall provide accommodations from any graded class work or activities for students wishing to observe religious holidays whose observances require students to be absent from class. It is the responsibility of the student to inform the instructor, in writing, about such holidays before the add deadline at the start of each semester. If such holidays occur before the add deadline, the student must notify the instructor, in wr

Dropping and Adding

Students are responsible for understanding policies and procedures about add/drop, grade forgiveness and related topics. Refer to the current [Rescripts and Procedures - San José State University - Modern Campus Catalog](#). Add/drop deadlines can be found on the current SJSU academic year calendar document on the [SJSU Academic Calendars](#) page at: <https://www.sjsu.edu/provost/resources/academic-calendars/index>. The Late Drop Policy is available at [Late Drops and Semester Withdrawals | Undergraduate Education](#) for undergraduate students and at [Forms | Graduate Admissions and Program Evaluations](#) for graduate students. All students should be aware of the current deadlines and policies for dropping classes.

Information about the latest changes and news is available at the [Advising Hub](#) at <http://www.sjsu.edu/advising/>

Classroom Protocol

Students are expected to arrive on time to class, courteous to other students and the instructors and refrain from using a cell phone, texting and the internet in class except as permitted by the

URBP 256 / URBP 156
SPRING 2025 COURSE SCHEDULE

Date	Topic	Reading	Assignments Due
Jan. 28, 2025	Welcome and Introduction (Rivasplata /Lee)	1) Tumlin, Chapters 1, 2	- None
Feb. 4, 2025	Cities and Transport (Lee)	1) Newman & Kenworthy, Chapters 1, 4, 5	- Reading Memo #1
Feb. 11, 2025	Active Transport (Rivasplata)	1) Tumlin, Chapters 6, 7	
Feb. 18, 2025	Transport, the Envir.t and Health (Lee)	1) Tumlin, Chapter 3 2) Black, Chapter 4	- Reading Memo #2 - Small Group Project Outline
Feb. 25, 2025	Urban Transport Abroad (Rivasplata)	1) Newman & Kenworthy, Chapters 2, 3 2) Cervero & Golub, Chapter 17 3) World Resources Institute (article) TED Talk: E. Peñalosa <u>Enrique Peñalosa: Why buses represent democracy in action</u>	
Mar.4, 2025	TOD & Access to Public Transport (Lee)	1) Tumlin, Chapter 12	- Reading Memo #3 - Walking Assess. Assignment
Mar. 11, 2025	Public Transport (Rivasplata)	1) Tumlin, Chapter 8 2) White (article) 3) Rivasplata et al. (article) TED Talk: R. Cervero <u>https://www.youtube.com/watch?v=rgd8tWIMhbs</u>	- Term Paper Outline
Mar. 18, 2025	Traffic Calming (Rivasplata)	1) ITE, Traffic Calming Measures	- Reading Memo #4
Mar. 25, 2025	Parking Reform (Lee)	1)	

(Lee)

Apr. 22, 2025	The Auto in Cities; Carsharing (Lee)	1) Tumlin, Chapters 9, 11 2) Schiller	- Reading Memo #6 - Student TED Talks
April 29, 2025	TDM and Accessibility (Rivasplata)	1) Tumlin, Chapter 13 2) Litman 3) Rivasplata & LeRoux (article)	- Small Group - Project Report/ Presentation
May 6, 2025	Wrap Up: Putting Pieces Together (Rivasplata/Lee)	1) Tumlin, Chapter 4 2) Newman & Kenworthy, Chapters 6, 8 3) EU Evidence Project	- Term Paper - Informal discussion

Assigned Readings:

*Black, William R. 2010. *Sustainable Transportation: Problems and Solutions*. New York: Guilford Press, Chapter 4.

*Cervero, Robert and Aaron Golub. 2007. *Formal Transport: A Global Perspective*, *Transport Policy*, Vol. 14, 445-457.

*Dablanc, Laetitia and Jean-Paul Rodrigue. 2017. *Geography of Urban Freight*, in Giuliano, Genevieve and Susan Hanson, eds. *Geography of Urban Transportation*, Fourth Edition.

*DeRobertis, Michelle, Richard Lee and Brian Hala. 2017. *How Should Public Transit Be Evaluated for a Regional Attractor?* *TRB Journal*, January.

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- *Rivasplata, Charles and Marlene Le Roux. 2016. Improving the Provision of Transport for Youth with Disabilities in Cape Town. *67th Southern African Transport Conference*, Pretoria.
- *Schiller, Preston L., 2016. Automated and Connected Vehicles: High Tech Hope or Hype?