

**USC SOL PRICE SCHOOL OF PUBLIC POLICY
POLICY, PLANNING AND DEVELOPMENT
FALL 2023**

PPD 360: URBAN TRANSPORTATION PLANNING AND POLICY

TIME & ROOM: 6:00 PM – 9:20 PM Tuesday VPD 106

INSTRUCTORS:

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TA

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Course Overview:

This course provides an analytical approach to urban transportation planning and policy. Students are expected to develop positions on this subject based upon inquiry through reading and asking questions, evaluating answers, and debate. This class provides the opportunity for students to understand 360 positions/viewpoints on urban transportation policy and planning.

The Course is comprised of the following elements:

- Lectures
- Reading assignments
- Written assignments
- Field Visit
- Oral presentations
- Class discussions
- Quizzes and Exams (midterm and final)

Major writing assignment:

A report covering an urban transportation project: subject matter selected randomly and related to group project with no less than 5 and more than 10 – doubled space pages.

Options For Oral Panel Presentation:

Simulate Town Counsel

Power Point

Panel Discussion

Webinar

Debate

Etc.,

TOPICS

Autonomous Vehicle Rideshare Permit

High-Speed Rail Bullet Train

Richard's Boulevard Office Complex

LAX Lamp

The GRAND

East San Fernando Light Rail

Expectations:

- Come to class prepared
- Be ready to engage
- Awareness of current events in Urban Transportation, and New Mobility: connected autonomous, shared, and electric
- Present weekly articles orally to the class

OFFICE HOURS BY APPOINTMENT ONLY

Complete a POP (Purpose for the meeting, Outcomes you would like to achieve during Office Hours, and your Process/Plan following the discussion)

GRADING

Grading Breakdown

To receive an “A” grade, students must complete all work on time and submit work of superior quality throughout the course. Work must address all aspects of the required assignments, exceed the minimum requirements, and demonstrate critical and creative thinking.

Students must consistently contribute to class discussion. In-class assignments will be evaluated based on the thoughtful completion of the assigned activity. Activities in class may include guest speaker discussions, debates, and presentations.

A – Work of excellent quality exceeding requirements and exceeding expectations

B – Work of good quality meeting requirements and meeting expectations

C – Work of fair quality

D – Work of minimum passing quality

F – Failure to adequately complete coursework.

Assignment Percentage

In-Class Assignments and Participation 40%, 2 Quizzes, 5% Each, Mid-term Exam 10%, Final Exam 10% Group Presentation with written paper 30%

Grading Scale

Course final grades will be determined using the following scale A 95-100

A- 90-94

B+ 87-89

B 83-86

B- 80-82

C+ 77-79

C 73-76

C- 70-72

D+ 67-69

D 63-66

D- 60-62

F 59 and below

- In class assignments and participation =40%
- Quiz 1 = 5%
- Mid-term = 10%
- Quiz 2 = 5%
- Final exam 10%
- Group presentation with written paper = 30%
- Total = 100%

ABSENCES

If You Are Unable To Attend Class Advise Via Email

COURSE TOPICS – PPD 360

The issues we will discuss in the course are among the most current topics in urban transportation planning and policy. In addition to readings, you will present weekly articles and watch visual aids.

DATE **TOPICS/ASSIGNMENTS**

Week 1 8/22

History of transportation in major US cities

Discussion Topics:

- Introductions and modes of travel
- Perceptions of Los Angeles and the Role of Transportation
- Why Transportation Planning?

Vido: Freewaytopia: How Freeways Shaped Los Angeles by Paul Hadad

Week 2 8/29 – Via Zoom

Equity, Environment & Economy: Urban Transportation in Southern California; Can Planners Create a “Fair Transportation System?”

Discussion Topics:

- Regulatory concerns
- Policies that inform safety
- Public vs. Private Interests

Readings: The Color of Law by Richard Rothstein – selected chapters

Zoom class

Week 3 9/5

Congestion: High demands for curbs and the public right of way

Discussion Topics:

- Cordon pricing, parking, digitizing the city
- Curb management
- Enforcement

Readings: Stuck in Traffic: Coping with Peak-hour Traffic Congestion
By Anthony Downs

Week 4 9/12

Trends in Travel Patterns: The art of how people move

Discussion Topics:

- Travel Considerations: Trip Planning, Trip Chaining, and more
- Misperceptions - Peak / Off-Peak for Who?
- Travel/Housing - Costs Surrounding Peak

QUIZ

Week 5 9/19

Moving goods in the built environment: The critical role of supply chain and logistics

Discussion Topics:

- First and Last Mile Deliveries
- Zero emissions delivery zones
- Innovation and automation

Moving Forward for Transportation

TNC's

The Gig Economy

5 Priorities

- Safety
- Modality
- Innovation
- Efficiency
- Partnerships

GUEST SPEAKER

Week 6 9/26

AUTONOMOUS VEHICLE SCENARIO ASSIGNMENT

Week 7 10/3

Mid-Semester Review and Prep for Mid-term

Midterm Exam

Week 8 10/10

Emergency management and resiliency planning: Creating systems of redundancies

Discussion Topics:

- What is resilience?
- Incorporating resilience in transportation planning
- Stakeholder concepts
- Non transportation benefits considered

Readings: Incorporating Resilience into Transportation Planning and Assessment, Rand Corporation Journal

Week 9 10/17

VISIT TO PETERSEN AUTOMOTIVE MUSEUM

Week 10 10/24

Event planning and transportation as a service

Discussion Topics:

- How does transportation planning account for tourists and the existing population during high turnout events?
- Multimodal transportation: micromobility, microtransit, ACES, and more!
- Events:
 - *Super bowl*
 - *All-star*
 - *World cup*
 - *Olympics*
 - *28x28*

The Costs of Ridership: The funding and business of moving people

Discussion Topics:

- Public and Private Funding
- Subsidies Impact Choice
- VC Funding for New Mobility
- Impacts For Community

Week 11 10/31

Transportation and land use: The case for density and the reality of sprawl

Discussion Topics:

- Gentrification
- Housing policies and economic development
- Infrastructure and transportation planning

Week 12 11/7

Safety and innovation: Saving lives and minimizing user risks

Discussion Topics:

- Vision Zero: Education, Engineering and Enforcement
- Risks and Liability
- The role of the insurance industry in new mobility
- Safety technology in vehicles and on our roadways

Week 13 11/14

Film and TV influences on urban planning

Decisions Topics: Selected Videos and Movie Clips

- The Jetsons
- Black Panther and Wakanda
- Snowpiercer
- Captain Phillips

GUEST SPEAKER

Week 14 11/21 Class Presentation Prep

Week 15 11/28 Class Presentations – PRESENTATION REPORTS DUE

Study Days December 4 to 7 Prep for Final Exam

FINAL EXAM Dec 12th - Final Exam

Assignment: Final Report - Due Last Week of Class

- Final Presentation: 10-minute presentations to a followed by questions and discussion.
- Report submitted after presentation.

Statement on Academic Conduct and Support Systems

Academic Conduct:

Plagiarism – presenting someone else’s ideas as your own, either verbatim or recast in your own words – is a serious academic offense with serious consequences. Please familiarize yourself with the discussion of plagiarism in SCampus in Part B, Section 11, “Behavior Violating University Standards” policy.usc.edu/scampus-part-b. Other forms of academic dishonesty are equally unacceptable. See additional information in SCampus and university policies on scientific misconduct, policy.usc.edu/scientific-misconduct.

Support Systems:

Student Health Counseling Services - (213) 740-7711 – 24/7 on call
engemannshc.usc.edu/counseling

Free and confidential mental health treatment for students, including short-term psychotherapy, group counseling, stress fitness workshops, and crisis intervention.

National Suicide Prevention Lifeline - 1 (800) 273-8255 – 24/7 on call
suicidepreventionlifeline.org

Free and confidential emotional support to people in suicidal crisis or emotional distress 24 hours a day, 7 days a week.

Relationship and Sexual Violence Prevention Services (RSVP) - (213) 740-4900 – 24/7 on call
engemannshc.usc.edu/rsvp

Free and confidential therapy services, workshops, and training for situations related to gender-based harm.

Office of Equity and Diversity (OED) | Title IX - (213) 740-5086
equity.usc.edu, titleix.usc.edu

Information about how to get help or help a survivor of harassment or discrimination, rights of protected classes, reporting options, and additional resources for students, faculty, staff, visitors, and applicants. The university

prohibits discrimination or harassment based on the following protected characteristics: race, color, national origin, ancestry, religion, sex, gender, gender identity, gender expression, sexual orientation, age, physical disability, medical condition, mental disability, marital status, pregnancy, veteran status, genetic information, and any other characteristic which may be specified in applicable laws and governmental regulations.

Bias Assessment Response and Support - (213) 740-2421

studentaffairs.usc.edu/bias-assessment-response-support

Avenue to report incidents of bias, hate crimes, and microaggressions for appropriate investigation and response.

The Office of Disability Services and Programs - (213) 740-0776

dsp.usc.edu

Support and accommodations for students with disabilities. Services include assistance in providing readers/notetakers/interpreters, special accommodations for test taking needs, assistance with architectural barriers, assistive technology, and support for individual needs.

USC Support and Advocacy - (213) 821-4710

studentaffairs.usc.edu/ssa

Assists students and families in resolving complex personal, financial, and academic issues adversely affecting their success as a student.

Diversity at USC - (213) 740-2101

diversity.usc.edu

Information on events, programs and training, the Provost's Diversity and Inclusion Council, Diversity Liaisons for each academic school, chronology, participation, and various resources for students.

USC Emergency - UPC: (213) 740-4321, HSC: (323) 442-1000 – 24/7 on call

dps.usc.edu, emergency.usc.edu

Emergency assistance and avenue to report a crime. Latest updates regarding safety, including ways in which instruction will be continued if an officially declared emergency makes travel to campus infeasible.

USC Department of Public Safety - UPC: (213) 740-6000, HSC: (323) 442-120 – 24/7 on call

dps.usc.edu

Non-emergency assistance or information.

