

San José State University
Lucas Graduate School of Business

Master of Science in Transportation Management

MTM 214: Transportation Policy & Regulation

FALL 2022

Course and Instructor Contact Information

Instructor: Donna (Kelsay) DeMartino

Email: ddm08@ymail.com

Office Hours: By Appointment

Class Day/Time:Thursdays 5:30 – 9:30 pm - July 28, August 4, 11, 18, and 25, September 1, 8, 15, 22, and 29

Course website:Canvas (<http://sjsu.instructure.com>)

Course Format

Students must have regular access to email and the internet in order to communicate with the instructor, submit assignments, and engage in other class activities.

Students attend class sessions online using Zoom, SJSU’s online meeting application. During classes, students should:

- Be in a quiet room without distractions (e.g., no family members or colleagues walking through or asking questions)
- Have stable internet access
- Use a video camera and good quality microphone so you are seen as well as heard
- Follow good "meeting etiquette" principles (one such list: <https://blog.gotomeeting.com/7-rules-virtual-meeting-etiquette-every-professional-know/> (Links to an external site.))

Plan to join at least ten minutes before 5:30 pm, to make sure you are ready when class begins. (The first time you join from a computer or device, allow extra time for set-up.)

The university has many useful tutorials on how to use Zoom here: <http://www.sjsu.edu/ecampus/teaching-tools/zoom/index.html> (Links to an external site.)

Faculty Web Page and MYSJSU Messaging

Course materials such as syllabus, handouts, notes, assignment instructions, etc. can be found on [Canvas Learning Management System course login website](http://sjsu.instructure.com) at <http://sjsu.instructure.com>. You are responsible for regularly checking with the messaging system through [MySJSU \(Links to an external site.\)](http://my.sjsu.edu) at <http://my.sjsu.edu> (or other communication system as indicated by the instructor) to learn of any updates.

Course Description

Surveys political frameworks of governments as both customer and provider; development of transportation policy with public involvement; and performance measurement with public oversight. Reviews policy impact on intermodal development in seeking to manage public and private objectives and diverse agendas of federal, state, and local agencies.

MSTM Program Learning Goals:

Goal 1: Transportation Systems and Society: Craft management decisions that integrate knowledge of multi-modal transportation, social, and environmental systems

Goal 2: Innovation: Develop innovative solutions to transportation management challenges

Goal 3: Leadership: Develop high-impact leadership styles and competencies (traits, skills, behaviors)

Goal 4: Communications: Communicate effectively with a diverse workforce and citizenry

Goal 5: Analytical skills: Identify and evaluate transportation management issues using appropriate data and methods

Course Learning Outcomes

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

1. Describe the basic framework of transportation legislation, regulations, and policy.
2. Differentiate between laws, rules or regulations, and policies. Understand the methods of enforcement for each.
3. Analyze and explain how to change or modify a law, a regulation, or a policy that is outdated or does not work.
4. Explain the specific resources available to keep up to date on federal, state, and local regulations, requirements, and opportunities.

Required Texts/Readings

Weekly readings and assignments will be available on CANVAS.

Course Requirements and Assignments

Success in this course is based on the expectation that students will spend, for each unit of credit, at least 45 hours over the length of the course for instruction, preparation/studying, or course related activities.

Weekly readings, paragraph summaries, and questions for next week's guest speaker. Eight weeks of the ten-week course, students will be assigned short readings and/or various internet resources to research. Students will either write a summary of the readings or find answers to questions posed by the instructor. In addition, students must prepare and submit one question for the upcoming guest speaker. No speaker scheduled for next week? No question required.

Individual Policy and Regulation Challenge. Each student must identify a challenge at work they want to address. Students must write a one-to-two-page memo to their supervisor, manager, or board that clearly provides the problem statement, proposes a solution, and cites resources to support their position. It must also show the reader(s) why they should support the proposal (WIIFM – What's in it for me (them)).

Class Culminating Project: This will be a team project with a final presentation by the group. Each team will include four students and will select a Policy, Regulation, or Law they would like to change. The team will identify the process to make the change. They will make the case for the change and identify resources used

to support their position. Each team will make a 20-minute presentation to the class with each team member participating in the presentation.

Grading Information

Activity	% of Course Grade	Course Learning Objectives Addressed
Weekly Readings and Paragraph Summaries	35 points	1, 2, 4
Individual Policy/Regulation Challenge Project	30 points	1, 2, 3, 4
Class Culminating Team Project	35 points	1, 2, 3, 4

Determination of Grades

Weekly Assignments

- Each weekly assignment will earn five points. They will be graded as pass/fail. Students may miss one of the weekly assignments and still earn all 35 points towards their class grade.
- All points will be given for weekly assignments if completed and turned in on time. These are due by 5 pm on the dates listed in the assignment area of this syllabus (earlier submissions are always welcome). Students will receive 2.5 points for late submissions.

Individual Policy/Regulation Challenge Project

- Up to 30 points may be earned for the Individual Policy and Regulation Challenge Project based on the quality of the required memo and the comprehensiveness of the overall submission.
- Late submissions will result in a 5-point reduction in the score for each week it is turned in late.

Class Culminating Team Project

- Up to 35 points may be earned for the Class Culminating Team Project based on the quality of the overall presentation and the student's part in the team process. Individual grades may be assigned above or below the team grade in cases where the student contributed considerably more or less than other team members. Students will be asked to write a short self-assessment of their performance.

Grades will be determined based on points earned: 97 and above = A+, 93 to 96 = A, 90 to 92 = A-, 87 to 89 = B+, 83 to 86 = B, 80 to 82 = B-, 77 to 79 = C+, 73 to 76 = C, 70 to 72 = C-, 67 to 69 = D+, 63 to 66 = D, 60 to 62 = D-, Below 60% = F

Course Schedule

7/28/22 1 Introduction – Policy, Regulations, and Legislation – How does it all work?

- a. The Big Picture
- b. Why Does it Matter So Much to us in Transportation? Funding!
- c. Changing What Does Not Work
- d. The Importance of Public Participation and Public Opinion

8/4/22 2 Federal Regulations and Policy – History, Funding, and Rulemaking Process

- a. Federal Investment in Transportation
- b. UMTA to FTA
- c. FHWA, FRA, FAA, and FTA (Guidance, FAQs, Webinars, Online Resources)
- d. Enforcement of the Rules
- e. Federal Advocacy and Lobbyists (APTA, visiting federal representatives, etc.)

8/11/22 3 State Regulations and Policy – History, Funding, and Rulemaking Process

- a. TDA
- b. Caltrans and CalSTA
- c. Enforcement of the Rules

Guest Speaker – Chad Edison - CalSTA

8/18/22 4 Transportation and the Environment – Policy and Regulations

- a. Fleet Rule
- b. Innovative Clean Transit
- c. HVIP, SB 1, and other incentives to transition

Guest Speaker – Yachun Chow - CARB

8/25/22 5 Transportation and the Environment – Compliance

- a. The road to zero emissions
- b. Battery Electric and Hydrogen Fuel Cell

Guest Speaker – Lauren Skiver - Sunline Transit Agency

9/1/22 6 Transportation and Civil Rights

- a. ADA and Mobility Management

Guest Speaker – Naomi Armenta -Nelson Nygaard

b. Equity & Inclusion

Guest Speaker – Amar Cid - Caltrans Office of Race and Equity (CORE)

9/8/22 7 Public Policy and Public Participation and Impacts on Transportation Policy

a. MPOs, Title 6, and the Planning Process

b. Getting Involved and Staying Informed

Guest Speaker – Therese McMillan - Metropolitan Transportation Commission

9/15/22 8 Rulemaking - Stay Informed -Make and Respond to Changes - We Have a Voice!

a. Making a case with good facts

b. Review available Resources Covered in Course

c. Associations as Resources

Guest Speakers - Michael Pimentel from CTA and Bill Higgins CALCOG

This class will have breakout groups as part of the Culminating Class Project

9/22/22 9 Transportation Boards

a. Different Types of Boards

b. Policymakers? Maybe

c. The importance of good staff work

Potential Guest Speaker - [Rose Guilbault \(Links to an external site.\)](#)

CULMINATING PROJECT Team Presentations

9/29/22 10 CULMINATING PROJECT Team Presentations