

# Sustainable City Year Program

Fall • Winter • Spring 2017-18

## Marquam Hill Connections

**Professors:**  
Brook Muller, UO Portland

**Partner Lead:**  
Dave Aulwes, TriMet

**Discipline:**  
Architecture

### Project Description

This three-term intensive design studio will give students an opportunity to further the Marquam Hill Pedestrian Connection. Topics include historic preservation, engineering collaboration, wayfinding/circulation/capacity, and ecological integration. University of Portland engineering students will also contribute to the project.



Photo: Wikimedia.org

Fall 2017

## New Mobility Ecosystem

**Professors:**  
Joshua Skov

**Partner Lead:**  
Jeffrey Owen, TriMet

**Discipline:**  
Business

### Project Description

Students will research how app-based technology supports and integrates multi-modal transit options, and then demonstrate how these apps can support land use policies, capture fees/revenue, and increase access to urban mobility choices.



Photo: cmgs360fitness.wordpress.com

Fall 2017

## Integrating Transit and Technology

**Professors:**  
Tim Clark, UO Portland

**Partner Lead:**  
Bob Hastings, TriMet

**Discipline:**  
Product Design

### Project Description

Students will work on how a multi-modal urban transit app could provide system users with real time information needed to guide everyday mobility choices.



Photo: TriMet

# Sustainable City Year Program

Fall 2017

## Autonomous Vehicles Policy

Professors:

Greg Dotson

Partner Lead:

Eric Hesse, TriMet

Discipline:

Law

### Project Description

Law students will research AV policy development and recommend policies to adopt.



Photo: iot-now.com

Fall 2017

## Autonomous Vehicles Revenue Implications

Professors:

Rebecca Lewis

Partner Lead:

Eric Hesse, TriMet

Discipline:

Planning, Public Policy, and Management

### Project Description

Public Budgeting students will examine how transportation revenues might be affected by autonomous vehicles and propose innovative new funding mechanisms.



Photo: amazonaws.com

Fall 2017

## Bridgeport Village Transit Opportunities

Professors:

Marc Schlossberg

Partner Lead:

Zoe Monahan, City of Tualatin

Discipline:

Planning, Public Policy, and Management

### Project Description

Students will explore integrating Bridgeport Village shopping center future development with mixed use, pedestrian friendly, transit-oriented design and development.



Photo: village-news.com

# Sustainable City Year Program

Fall 2017

## Tigard Triangle Opportunity Sites

**Professors:**

Rich Margerum,  
Gerardo Sandoval,  
Bob Parker

**Partner Lead:**

Buff Brown, City of Tigard

**Discipline:**

Planning, Public Policy,  
and Management

**Project Description**

Three classes will analyze Tigard Triangle opportunity sites and recommend inclusive community development opportunities; restoration options for the Rock Creek Corridor; and distinguishing place identities.



Photo: TriMet

Fall 2017

## Barbur Boulevard as Main Street

**Professors:**

Rob Ribe,  
Yekang Ko

**Partner Lead:**

Amy Fandrich,  
Jeb Doran, TriMet

**Discipline:**

Landscape Architecture

**Project Description**

Students will develop designs and policies that enhance the assets, character, and heritage of adjacent neighborhoods while incorporating sustainability, technological overlay, and functionality of the traffic network.



Photo: TriMet

Fall 2017

## Parking Management Strategies

**Professors:**

Aaron Gobul,  
Portland State University

**Partner Lead:**

Young Park, TriMet

**Discipline:**

Planning

**Project Description**

The project will explore TriMet and City of Tigard parking policies to explore implementation of a metered parking program for SWC park & rides in the City of Tigard, concurrently with an on-street metered parking program, with an emphasis on supporting local land use visions.



Photo: sketchpadandcamera.wordpress.com

# Sustainable City Year Program

Fall 2017

## Bicycle and Pedestrian Planning Lab

Professors:  
Mike Rose

Partner Lead:  
Jeb Doran, TriMet

Discipline:  
Multi-disciplinary

### Project Description

Students will develop active transportation plans for a variety of sites within the Southwest Corridor.



Photo: TriMet

Winter 2018

## Community Storytelling

Professors:  
Andrew Devigal, UO Portland

Partner Lead:  
Brian Harper, Metro

Discipline:  
Journalism

### Project Description

Students will develop video and audio productions that tell the stories of communities along the Southwest Corridor, including minority populations.



Photo: decodedplants.com

Winter 2018

## Historic Preservation

Professors:  
Jim Buckley, UO Portland

Partner Lead:  
Jeffrey Owen, TriMet

Discipline:  
Historic Preservation

### Project Description

Students will explore repurposing of the Synagogue on Marquam Hill.



Photo: oregonencyclopedia.org

# Sustainable City Year Program

Winter • Spring 2018

## Autonomous Vehicles Policy Capstone

**Professors:**  
Ben Clark

**Partner Lead:**  
Eric Hesse, TriMet

**Discipline:**  
Planning, Public Policy,  
and Management

### Project Description

Master of Public Administration Capstone students will explore the work of the Law and Public Budgeting classes and apply intensive research and analysis to an partner identified area of interest.

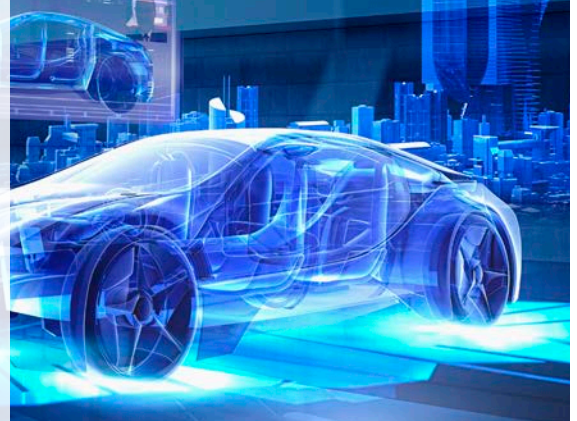


Photo: caranddriver.com

Winter • Spring 2018

## Sustainable Urban Design

**Professors:**  
Nico Larco, UO Portland

**City Staff:**  
Bob Hastings, TriMet

**Discipline:**  
Architecture

### Project Description

Students will identify opportunities to implement sustainable urban design strategies through key portions of the Southwest Corridor.



Photo: cdnassets.hw.net

Winter • Spring 2018

## Visual Narratives

**Professors:**  
Maya Lazaro

**Partner Lead:**  
Jeb Doran, TriMet

**Discipline:**  
Journalism

### Project Description

Students will explore opportunities to create visual narratives of the TriMet Southwest Corridor project and its communities.

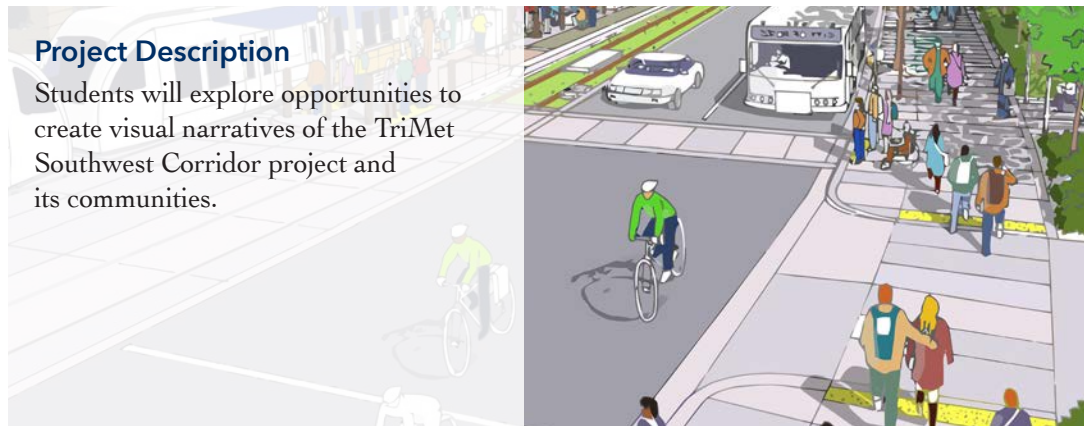


Image: TriMet

# Sustainable City Year Program

Winter • Spring 2018

## Capstone Engineering Projects

**Professors:**  
Pat McLaughlin, Evan Kristof,  
Portland State University

**Partner Lead:**  
Ali Al Sahaf, TriMet

**Discipline:**  
Engineering

### Project Description

Civil and environmental engineering students will engage in a variety of Southwest Corridor projects, preparing cost estimates, preliminary construction schedules, and alternative analyses.



Spring 2018

## Outreach Conceptual Design

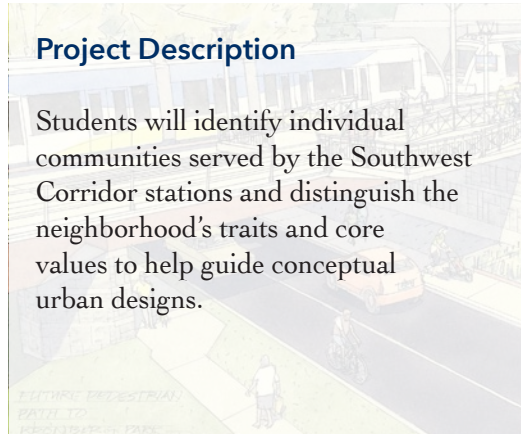
**Professors:**  
Chris Bell

**Partner Lead:**  
Jennifer Koozer, TriMet

**Discipline:**  
Architecture

### Project Description

Students will identify individual communities served by the Southwest Corridor stations and distinguish the neighborhood's traits and core values to help guide conceptual urban designs.



Spring 2018

## Sustainable Design-Economic Analysis

**Professors:**  
Ian Carlton, UO Portland

**Partner Lead:**  
Bob Hastings, TriMet

**Discipline:**  
Real Estate

### Project Description

Students will do an economic analysis on sites selected for the sustainable urban design framework.

