Sustainable City Year Program 2019-20

Planning and Geography Projects

Project	Outcome
Transit-Oriented Development on Historic River Road	Students made recommendations for land use and transportation planning along Eugene's River Road corridor for the next 20 years. Students focused on equity, addressing "missing middle" housing, and economic development.
Coburg Road Sustainable Transportation	Student teams proposed strategies for multi-modal mobility hubs at seven locations along the Coburg Road corridor. Their recommendations focused on connecting transit to pedestrian and bicycle access.
Small City Mobility	Students conducted interviews and distributed an online survey to residents of Cottage Grove and Creswell. Students then made recommendations for the cities' current transportation networks and considerations for new mobility.
Coburg Bicycle Tourism	Students assessed multi-use paths, ways to make auto-centric streets more bicycle friendly, safe routes to school opportunities, bicycle tourism and marketing materials and campaigns related to bicycling in the city of Coburg.
EmX Franklin and Gateway Corridor Assessments	Students examined how ridership, accessibility, and safety can be improved along two bus rapid transit corridors. They conducted equity and demographic, network connectivity, and land use analyses for the corridor's outbound stations.
Bike Share Neighborhood Assessment	Students assessed how bike-share coverage could be expanded to develop multimodal transit stops and provide greater public transportation opportunities for low-income and minority populations.

Public and Business Administration Projects

Project	Outcome
The Future of Transit	Students helped envision how LTD might provide safe, affordable, and low-carbon mobility options in a changing urban mobility ecosystem. Students recommended leveraging partnerships to explore new opportunities for micromobility, smartphone apps, ride-hailing, perceptions of transit, and privacy in the age of big data.
Performance Management Strategies	Students made recommendations to LTD for fleet, operations, service planning, risk management, and sustainability. Teams proposed key performance indicators (KPIs) to track their progress in meeting those goals.
Assessment of MovingAhead's Potential Funding Options	Students found innovative sources to fund a service expansion. Capital funding recommendations were based on Urban Renewal Districts, while Transportation Utility Fees were recommended for operations
Payroll Tax and Financial Visualization Scenario Planning	MBA students helped develop a set of financial and business strategy tools to adapt to a changing mobility landscape and provide the community with a sustainable level of service for the long-term future.
Fleet Replacement and Climate Action Planning	Students analyzed the life-cycle cost implications of battery electric buses against a baseline of diesel and diesel hybrid buses using established criteria. The City of Eugene's current Climate Action Plan calls for electrification of the LTD fleet.

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Architecture and Landscape Architecture Projects

Project	Outcome
Bus Stops as Community Gateways	Students prepared designs for two bus stops that conform to LTD's design criteria for rider amenities and security, with a goal of improving rider experience. Site visits allowed students to observe the commuters experience.
Downtown Enoteca	Students designed an "Enoteca"adjacent to Eugene Station. The Enoteca is a space to educate about local wine production. The City of Eugene and LTD envision the site including housing to increase density in Downtown Eugene.
Reimagining Eugene Station	Students explored designs to prepare Eugene Station for projected needs in 2040. Designs centered around emerging trends in new mobility, densification, pedestrian flow, and climate change.
River Road Station Site	Students created concept designs for LTD's station at the intersection of Hunsaker Lane and River Road. Their designs focused on sustainable development, affordable housing, and a public plaza with the station as a community anchor.
Re-imagining River Road for Ecological Equity	Student teams developed recommendations to support equitable, sustainable transportation along the River Road corridor. Recommendations included design interventions, land use improvements, and community engagement plans.
LTD Stories	A student team from the UO-based Allen Hall Media produced a series of short videos and photos showcasing that LTD is more than a bus. Videos captured sustainability, the faces of LTD, and how to use transportation services.

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