PRELINARY COURSE DESCRIPTION
LANDSCAPE ARCHITECTURE 594, 608, or 694; Fall 2023
With Emeritus Professor Robert Ribe
[Course number pending administrative decisions]

This studio will probably undertake one or both of two problems:

Finding and designing new urban renewal districts in Salem, Oregon:
• We would study sectors of the city to identify and delimit 200-to-300-acre districts for redevelopment using urban form and suitability analysis.
• We would propose land use programs for these to include a diversity of housing types from those for homeless people up to market-rate condominiums.
• We would allocate these types within and across the blocks of the district and develop and illustrate form-based code concepts for each of type.
• We would propose urban infrastructure designs to accommodate new mobility, parks, climate mitigation, and community identity building. These would seek to mitigate car parking impacts.
• We would propose site plans for within the blocks that specify building uses and types but focus on successful landscapes in between.

Adapting downtown Coos Bay to sea level rise:
• This urban center will encounter increased frequency of major flood events due to overtopping of levies and increasing closure of its storm sewer tide gates by rising seas.
• We would design raised levies with recreational trail use to minimally cutoff the city from the bay. This will replace existing land uses and accommodating the railroad and Highway 101.
• We would design the option of managed retreat for the south downtown area.
• We would design a river gate option at the mouth of the creek around south downtown.
• We would design street interventions to hold storm floods when the tide gates are closed.
• We would design within-block options to hold storm floods when the tide gates are closed.
• We would design up-slope options to hold storm floods when the tide gates are closed.
• We might design Bayshore basins to hold storm floods when the tide gates are closed.

Either project will begin with team-based analysis projects and readily move to different design assignments in different places for individual students.

There will be no required books nor any new materials or software capabilities than those students have gained in previous studios. We will use GIS, CAD and Adobe Creative Suite. Students may opt to use Rhino and Grasshopper for their own design projects.

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