

University of British Columbia
LANDSCAPE ARCHITECTURE TERM 1: 2010 -2011
Getting to Minus 80. The Vancouver Streetcar City. 2050 and Beyond

LARC 504-001 **Sustainable Urban Design Studio (9)**

M W F 1300-1700 *Landscape Architecture Studio*

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COURSE DESCRIPTION AND REQUIREMENTS

DESCRIPTION

Using Professor Condon's recent book Seven Rules for Sustainable Communities as a basis for the course focus, and supported with emerging civic thinking about Vancouver's future urban patterning (2050 horizon) contributed by the City of Vancouver's Senior Urban Designer Scot Hein, this joint landscape and planning studio will produce a multi-layered vision for the balance of the city outside of the metro core. While ambitious in scope, the methodology for the intended academic experience/outcomes will be simple and will build upon prevailing best urbanism practices and recognized strategies for growth. The primary course deliverable will be a plan framework with students, working individually and in teams, clarifying and documenting future city wide urban systems (the plan layers) for open space and connectivity including natural attributes, hierarchy of movement and respective locations/modes, land use and built form, including scale and typological appropriateness as well as special opportunities for district energy, urban agriculture and cultural celebration. Prevailing localized neighbourhood centres and other emerging urban villages, along with predominant arterial corridors, will be more specifically investigated to reveal opportunities to reinforce/emphasize desired local patterns of land use and amenities while achieving growth capacities. Students, after completing designs for specific geographic areas, will assemble into a cogent overall vision/plan framework which is intended to be published for a wider discussion following the conclusion of the studio.

ASSIGNMENTS AND FINAL PROJECT FORMAT

Assignments are three:

1. History and Morphology of the Streetcar City
2. Major Issues – What is “place” in a City of Corridors, and, The Demographic Tsunami and the GHG Catastrophe.
3. A “Minus 80” Plan for a City of Vancouver in 2050.

Assignment three has three parts: the district, the neighbourhood, the parcel.

We will be formatting these projects into a report, similar to those produced in previous classes and available for review on line at:

http://www.landfood.ubc.ca/urbanstudio/fresh_eyes_on_gibson_2000/Part_one.htm

http://www.landfood.ubc.ca/urbanstudio/scenes_on_hastings_2001/index.htm

<http://www.landfood.ubc.ca/urbanstudio/urbanstudio2002/2002.htm>

<http://www.landfood.ubc.ca/urbanstudio/squamish2004/overview.htm>

<http://www.urbanstudio.sala.ubc.ca/2005/overview.htm>

<http://www.urbanstudio.sala.ubc.ca/urbanstudio%202008/overview.htm>

EVALUATION

Grades will be assigned on:

- 20% Assignment #1
- 20% Assignment #2
- 15% Assignment #3 part 1 – The district
- 20% Assignment #3 part 2 – The neighborhood
- 15% Assignment #3 part 3 – The parcel
- 10% Participation and attendance

Grades for assignment 1, 2, and 3 will be individual grades. Grades for Assignment 3 will be team grades for part one and individual grades for part 2 and 3.

EXPECTATIONS

Landscape architecture students are expected to attend all studio classes and, since this is a nine credit class, work two hours outside of studio for each hour inside (total 24 hours per week). Expenses should not be higher than in other studios but must be borne by students. Collaboration is a built in feature this term with students from planning. A welcoming attitude and proper team spirit is expected.