

BC 4120/6275 – COMMUNITY DESIGN AND CONSTRUCTION

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Summer Semester 2012 • Tuesday • 6:05-9:25pm • Klaus 1456 • 3 credit hours

Course Objectives:

This course is designed to explore solutions that create sustainable communities through public-private partnerships with developers, investors, builders and policy makers. Students will explore smart growth, public health, energy conservation, operational savings, and sustainable construction and rehabilitation practices in residential design and/or management.

Students will also explore community design practices that improve the economics of smart growth while enhancing quality of life for residents. Integrating mixed income communities near public services such as public transportation, healthcare, educational centers and cultural arts can foster healthy and sustainable neighborhoods. This course focuses on the housing continuum and how these components benefit residents of these communities.

Course Procedure and Organization:

- Class discussion and participation.
- Short research assignments using written, critical thinking and oral presentation skills. Speaker summaries will be written to capture critical knowledge and summarization of key concepts.
- Case studies demonstrating practical application of key concepts.

Reference Texts:

1. **Required Reading** - Kotkin, J. (2010) The Next Hundred Million – America in 2050. Penguin Press, New York. ISBN: 978-1-59420-244-5
2. Green Communities Criteria, 2008. Enterprise Community Partners, Inc.
3. Steutefille, L. et al. (2009) New Urbanism – Best Practices Guide. Fourth Edition. ISBN: 0-9745021-6-2
4. Frumkin, H. et al. (2004) Urban Sprawl and Public Health, Island Press, ISBN: 1-55963-912-1
5. Introduction to Housing (2005) Housing Education and Research Assoc., ISBN - 0-13-119042-1

Course Requirements*:

Assignment	Points	Percent
Speaker Summary (4 @ 50 points each)	200	20%
Class Attendance and Participation	200	20%
Knowledge Shares (6 @ 50 points each)	300	30%
Case Study	300	30%
TOTAL	1,000	100%

*The exact breakdown may change.

Graduate Students will explore one of the SMART growth principles in greater detail and expand their case study in length as well as expand the body of knowledge in the subject matter area.