

Spring 2019

TRAN 655-102: Land Use Planning

Rongfang Liu

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Liu, Rongfang, "TRAN 655-102: Land Use Planning" (2019). *Civil and Environmental Engineering Syllabi*. 156.
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0Syllabus for
TRAN 655. Land Use Planning
Spring 2019
Section: 102

Meeting Time:

6:00 – 8:55 PM, T

Meeting Location:

FMH 314

Instructor:

Dr. Liu

Office: 217 Colton Hall, Phone Number: 596-5884

Office Hours:

Th: 10 Am – 1 PM or By appointment

Text Book:

Berke, Godschalk, Chapin, and Kaiser with Rodriguez (2006). *Urban Land Use Planning* (5th Edition). Chicago: University of Illinois Press.

Course Objectives

This course provides an opportunity for student to examine and understand existing land use planning methods and formats, develop land use planning skills, and gain experiences by examining the linkage between land use and transportation systems for certain urban areas.

A studio/project section is included in this course, which bring students out of the classroom and into a real local community to exam the linkage among land use, urban development, transportation and economic vitality.

By the end of this course, you should be able to

1. Articulate a clear vision of what constitutes an effective local land use plan and describe a range of possible plan formats.
2. Familiar with the history, intents, and purposes of comprehensive plans and the comprehensive planning process.
3. Specify the components of a complete land use planning program and know how the land use plan fits into the comprehensive plan.

4. Know how to go about formulating a plan in a professional manner, appropriate to the community context via class project - land use plan for an actual community.
5. Develop a dependable sense of judgment for assessing the validity, effectiveness, feasibility, strength, and weakness of various land use plan-making methods and plan formats.

Course Contents

1. Introduction
 - a. Ice Breaking
 - b. City Briefing
2. Conceptual Framework
 - a. The Land Use Planning Arena
 - b. Concepts of Land Use Change Management
 - c. A Local Government Land Use Planning Program
3. Planning Intelligence
 - a. Planning Information Systems
 - b. Population
 - c. The Economy
 - d. Environment
 - e. Land Use
 - f. Infrastructure and Community Facilities
4. Advance Planning
 - a. Direction Setting
 - b. Overview of the Land Use Design Process
 - c. Land Classification Planning
 - d. Commercial and Employment Centers
 - e. Residential Areas
 - f. Integrating Community Facilities with Land Use
 - g. Development Management Planning
5. Development Management and Problem Solving
 - a. Evaluation and Impact Mitigation
 - b. Implementation

Grade Policy:

- | | |
|-----------------|-----|
| 1. Home work | 30% |
| 2. Mid-term | 30% |
| 3. Presentation | 10% |

4. Final

30%

Class Schedule for CE/TRAN 655 Land Use Planning

ID	Date	Contents	Home Work
1	1/22	Introduction/Ice Break	
2	1/29	Conceptual Framework	hw01 out
3	2/5	Planning Support system	HW01 Due
4	2/12	Population	
5	2/19	Economy	HW02 out
6	2/26	Environment/Land Use	HW02 Due
7	3/5	Infrastructure and community facilities	
8	3/12	Direction Setting/overview of land use design process	Midterm Assignment
9	3/19	Spring Break	
10	3/26	Land classification planning	
11	4/2	Commercial and employment centers/Residential areas	Midterm Due
12	4/9	Potential field trip	
13	4/16	Integrating community facilities with land use/Development management planning	Final out
14	4/23	Development management and problem solving	
15	4/30	Presentation	
16	5/7	No class, Friday Schedule	
17	5/14	Final	Final Due