

1. Course Title (Course Code)

Urban Planning (2274)

2. Instructor

Nsenda Lukumwena

3. Term

Spring 2

4. Outline and Objectives

In this course students will:

- (1) learn the basics of urban planning such as physical planning and urban design, technology planning; and its relation to physical and social planning.
- (2) learn policy analysis methods, evaluation and ways of adapting the basic concepts of urban planning in its three generic stages: strategic planning, tactical planning and implementation in developing countries;
- (3) learn ways to engage into a group project whereby each and every participant will learn from each other during the collaborative process period.

5. Goals (Attainment Targets)

- (1). Gain analytical and interpretative planning skills likely to support appropriate planning and design interventions
- (2). Understand the concept of the community master plan—a key concept for undertaking the development of planning and its implementation in a fashion that earnestly fits the context of concern.
- (3). Building on (1) and (2), students can thus (i) initiate projects that meaningfully and socially impact the targeted society and its urban domain; and (ii) effectively forecast future urban development of the initiated projects.

6. Correspondence relationship between Educational goals and Course goals

Educational goals			Course goals
High level ICT skill	Basic academic skills		(1)
	Specialized knowledge and literacy		(2), (3)
Human skill (Tankyu skill)	Ability to continually improve own strengths		(3)
	Ability to discover and resolve the problem in society	Problem setting	(2)
		Hypothesis planning	
		Hypothesis testing	
		Practice	(3)
	Fundamental Competencies for Working Persons	Ability to step forward	(2)
		Ability to think through	(1), (2)
		Ability to work in a team	(3)
Professional ethics			

7. Course Requirements

None.

8. Textbooks

None.

9. Reference Books

1. Human Centered Design Tool Kit 2nd Edition 2011 by IDEO
2. Publications: Urban PLanning
3. Creative Cities
4. The City Shaped: Urban Patterns and Meanings By Spiro Kostof
5. Rethinking the informal City—Critical Perspectives from Latina America edited by Felipe Hernandez and Lea K. Allen
6. GIS Organisations and People A Socio-technical Approach by Derek Reeve and James Petch Published in 1999
7. Urban contemporary Planngng by Levy, 2015
8. Urban Land Use Planning by Philip R. Berke, David R. Godschalk, and Edward J. King with Daniel A. Rodriguez, 2006.
9. E-Planning, ICTs for Urban Development and Monitoring by Carlos Nunes Silva, 2009
10. Urban Planning, 2nd Edition by Anthony J. Catanese and James C. Snyder, 1977

10. Evaluation

Goals	Evaluation method & point					
	term-end exam	quiz	report	presentation	deliverable	other
(1)		○	○	○		
(2)		○	○	○		
(3)			○	○		
Allocation		10	60	30		

11. Notes

Basic familiarity with social issues in developing countries, urban planning and design.
 Willingness to learn and challenge oneself, commitment and creativity.

No exam is required. Term report and presentation are required instead.

Course reading references will be provided to students timely.

Course Schedule

(Notice) This schedule is a tentative plan; there might be changes, additions, and revisions etc. at the time of delivering the course.

Lesson 1: Overview of the evolution of cities and urban planning as well as recent trends in the practice of urban planning Part-1 (Lecture, 90 min)

Synoptic overview of the of cities in history, from the legacy of the past to contemporary cities.

Lesson 2: Overview of the evolution of cities and urban planning as well as recent trends in the practice of urban planning Part-2 (Lecture, 90 min)

Review of the City generic forms in history—from organic patterns to the grid pattern to the city as a diagram, to the grand manner and the skyline.

Lesson 3: Summary of key conceptual factors of urban planning over the time (Lecture, 90min)

This lesson presents a summary of key conceptual factors of urban planning of the past that have laid the foundation of contemporary urban planning, including new urbanism.

Lesson 4: Planning theory and methods—a synoptic overview (Lecture, 90min)

Quick survey of the theory of urban planning—presentation of various and complex approaches resulting from academic and scholarly work. Surveying methods used in the practice of urban planning, from quantitative, qualitative methods to the intervention of ICTs to budgeting to conflict resolution.

Lesson 5: Policy analysis—a short survey (Lecture, 90min)

This lesson describes the various ways theory can be used in decision-makings.

Lesson 6: Functional Planning—Land use systems (Lecture, 90min)

Reading into Physical planning and urban design and urban development. Students will learn the difference between urban planning and urban design.

Lesson 7: Functional Planning—Master plan (Lecture, 90 min)

Overview of the community master plan or Communitywide land use Design and of the Real Estate Development.

Lesson 8: Functional Planning —Public Infrastructure (Lecture, 90min)

Overview of Public Infrastructure, values, and communities sustainability.

Lesson 9: Functional Planning —Urban Transportation (Lecture, 90min)

Students learn about Urban Public Transportation planning, systems and delivery.

Lesson 10: Summary of lessons 6-9

(Lecture, 90 min)

Reviewing of Lessons 6 through 9. Students comparatively discuss the applicability of lessons learned to specific cases in their own countries and build up a case study to be presented at next class.

Lesson 11: Presentation of the case study

(Lecture, 90 min)

Each student is asked to present a case in which they apply skills gained from the previous lessons.

Lesson 12: Technology Planning

(Lecture, 90 min)

Overview of technology planning—from the introduction of computers into planning to ICTs, and the relationship of technology to physical and social planning.

Lesson 13: Guest Lecture by Professor Sugiyama

(Lecture, 90 min)

Urban Planning Analysis and Simulation to include forecasting.

Lesson 14: From urban engineering to creative city-making— Smart Cities

(Lecture, 90 min)

Overview of alternative visions of urban development. This will prepare students to make informed decisions on which method and/or tool to use while addressing real cases in their own countries.

Based on previous lessons, students are asked to prepare for a presentation of a community planning in their country of origin based on concepts learned in previous lessons.

Lesson 15: Presentation and Evaluation

(Lecture, 90 min)

Students make their final presentation for evaluation.