

UPP558 Land Use Planning Course Outline

		Class Topics	Sessions Thursdays 9- Noon 2236ADH	Concepts	Methods	Implementation
	Introduction	Land Use Planning - Read <i>ULP</i> pp1-84; pp 398-420; pp 454-474	8/25/2011	How do we assess and anticipate land use change for places that combines the push of complex causes and the pull of competing expectations?	What tools do we use to describe the land, spatial distribution of use and interaction effects?	What cultural, governmental and political norms, rules & incentives guide the use of land?
Uses		Environmental & Ecological Context- Read <i>ULP</i> pp172-195	9/1/2011	How do natural systems shape the context & contours for land use? Water provision, aquifer depletion, flooding & water quality; energy use & conservation tied to construction & use	Mapping topography, watersheds and aquifers; measuring water quality and levels of use; modeling & forecasting demand; measuring energy conservation	Flood plain designation, insurance policies and local land regulations; LEED construction standards, conservation innovations in technology & conservation
		Residential Use Read <i>ULP</i> pp115-144; pp341-367	9/8/2011	Residential type, location and form; expectations about quality and use; varieties of density, housing market segmentation	Population analysis & projections; housing market analysis by type and tenure; locational analysis using accessibility and amenity; the neighborhood concept & schools; household formation & migration	Zoning regulations; subdivision regulations; development exactions & fees; Common Interest Developments; Building codes & LEED standards; NIMBY

Part I	Basic Land	Commercial & Retail Use - Read <i>ULP</i> pp145-171; pp315-340	9/15/2011	Commercial and retail location differences; expectations about location, use & taxes; auto access & parking; type and scale of spatial form (strip, center,...)	Commercial and retail market analysis; market areas & transport networks; household purchasing information by area; estimating commuting times for employment; evaluating local economic vitality	Zoning regulations; development incentives and tax subsidies; TIF districts; BIDs; infrastructure improvements; historic district designation for aging main streets
		Transport & Infrastructure - Read <i>ULP</i> pp228-248	9/22/2011	Street hierarchy and pedestrian walkways; transit system routes and stops; accessibility, mode split and trip generation; traffic analysis & parking; smart streets	Mapping transportation infrastructure; using transportation standards for traffic, parking & trips; assessing location transit and auto demand; street transect analysis	State road way regulations and local street right of way requirements; traffic system flow requirements; parking and storage regulations;
		Public Facilities - Read <i>ULP</i> pp368-398	9/29/2011	Elementary and secondary schools; public works; parks; police & fire; city halls; utilities... whew	Mapping facilities & catchment areas; park system network & needs; school enrollment demand & location	Property tax system, borrowing & bonding; TIF; Fees
Part II	Planning Strategies	Smart Growth, New Urbanism & Sustainability Strategies - Read <i>ULP</i> pp249-315	10/6/2011	Comparing smart growth, new urbanism and sustainability concepts for land use planning	Comparing land capacity measures, transect assessments and ecosystem tools	Comparing conventional zoning with form based code and environmental performance indicators
		Midterm Exam	10/13/2011			

Part III	Planning Cases	On the block	10/20/2011 10/27/2011	Learn to judge how private property owner, resident, investor expectations fit changing environmental conditions at the intersection of parcels, streets; and changing social conditions as households, businesses and investors interact over time	Using maps, transects, tables, charts and pictures to compare change over time and to represent expected changes in use against prior or competing uses; prepare a planning brief that identifies problems and offers alternative solutions ; footprints, FAR, massing;	Identifying and assessing impacts of current regulations and policies shaping cumulative conditions of block; identifying and selecting policies, regulations or incentives that offer stakeholders or officials means for implementing improvements
		Along the corridor	11/3/2011 11/10/2011	Consider local stakeholder place goals in relation to visitor passerby goals; Learn to balance the role of streets, sidewalks, stations and stops as conduits and places; relate catchment areas of demand to local activity nodes; how spatial form, landscape design & streetscape interact	Using maps, transects, tables, charts and pictures to show linkage between travel area (commuting & shopping), local attractors and traffic flows in relation to station, stop, ADT, and other flow volumes and types; building footprints & massing; FAR	Zoning and code requirements; form based code; development incentives; tax incentives such as TIF; organizational arrangements such as BID; traffic flow changes; transit incentives; parking regulation changes

Pa	Land Use P	Greenfield at the Edge	11/17/2011 12/ 1/2011	Consider developer municipality trade offs for density, parkland and subdivision design; site topography, ecology and development fit; planning commission and elected official expectations as well as future residents;	Using maps too configure and compare development footprints; density and spatial form; ecological assessment; market feasibility and impacts on facilities/ schools; traffic flow & connectivity	Zoning and subdivision code requirements; form based code; in lieu fees, smart code and new urbanist spatial incentives
		Municipal Comprehensive Land Use Plan (Response to RFQ)	12/1/2011 12/8/2011	Identify overall municipal goals and relate these with stakeholder interests for specific places and projects;	Frame current plan in relation to prior plan and plans for comparable places; visually identify and describe criteria for private residential development, economic development, public infrastructure, redevelopment and environmental enhancement	Identify and briefly describe a combination of implementaion strategies that would be appropriate to consider for the client

