

Course Outline & Study Guide

Faculty	Engineering		
Department	Architecture		
Course Title	Sustainable Design Futures		
Course Type	Core		
Instructor's Name	Andreas L. Savvides		
ECTS	8		
Course Code		Semester	Spring
Prerequisites	N/A	Required	N/A
Level of Studies	Master		
Language of Instruction και Examination	English		
Teaching Methodology	Distance <input checked="" type="checkbox"/>		Hybrid <input type="checkbox"/>
Evaluation	Assignment 1: 10% Assignment 2: 10% Assignment 3: 10% Assignment 4: 10% Assignment 5: 10% Final Project: 50%		
This study guide has been developed by the instructor of the course and it has been approved by the program coordinator	Name of instructor: Andreas L. Savvides Name of Program Coordinator Nadia Charalambous		

<p><i>Brief Course Summary & Course Purpose</i></p>	<p>Course Summary: The course is expected to develop a Strategic Urban Plan (SUP) for a specific location so as to provide a road map that will guide the nature and character of urban development in said location, reflecting both a vision to be enabled by a set of strategic urban development goals.</p> <p>Course Purpose: The SUP will function as a specific instrument of management to encourage citizen participation for social innovation by jumpstarting deliberation with regards to decision-making regarding city development.</p>
<p><i>Course Content (list of subjects to be delivered per week)</i></p>	<p>Week 1: Introduction to Strategic Urban Planning and Design Week 2: Introduction to Design for Social Innovation Week 3: Introduction to Framework Element: Land Use Week 4: Introduction to Framework Element: Housing Week 5: Introduction to Framework Element: Urban Form Week 6: Introduction to Framework Element: Neighborhood Design Week 7: Introduction to Framework Element: Open Space Week 8: Introduction to Framework Element: Conservation Potential Week 9: Introduction to Framework Element: Economic Development Week 10: Introduction to Framework Element: Social Development Week 11: Introduction to Framework Element: Urban Infrastructures Week 12: Introduction to Framework Element: Public Services Week 13: Final Project Presentation</p>
<p><i>Learning Outcomes (please develop the learning outcomes of the course considering the EQF guide as indicated in the next column)</i></p>	<ol style="list-style-type: none"> 1. Knowledge: Acquiring specialized knowledge in the development of strategic urban planning tools so as to enable social innovation. To analyze the existing (present) situation at the location chosen, including the urban fabric, transportation, environment, economy, society and culture, among other parameters, as the basis for developing critical awareness and original thinking. 2. Skills: Developing problem-solving skills in order to implement new knowledge and procedures, so as to carry out in-depth analysis of the location's strengths, opportunities, weaknesses and threats and to integrate knowledge from different fields. 3. Responsibility: To manage and formulate a communication strategy so as to increase outreach to potential stakeholders and to transform interaction and deliberation contexts so as to enable new strategic approaches 4. Autonomy: To take responsibility for developing a conceptual strategic urban plan ready for the next phase of implementation and so to contribute to professional knowledge and practice.
<p>Keywords</p>	
<p><i>Strategic Planning, Urban Design, Sustainable Development, Social Innovation</i></p>	
<p>Teaching Schedule</p>	

<i>Number of Lectures (Sessions)</i>	Total: 7	Face to Face:	Distance: 7
---	----------	---------------	-------------

<i>Evaluation Schedule</i>			
Assignments 1 - 5: Week 3 – Week 12			
Final Project: Week 13			

<i>Teaching and Learning Tools</i>			
<i>Google Classroom, Miro, Zoom, Adobe Acrobat and Design Suites</i>			

Contact Information (office Hours, method of contact etc)			
Via Asynchronous Teaching Platform Interface			

Study Guide	
Session 1 (W 1-2)	Week 1: Introduction to Strategic Urban Planning and Design Week 2: Introduction to Design for Social Innovation
Learning Objectives	Acquiring specialized knowledge in the development of strategic urban planning tools so as to enable social innovation. To introduce strategic urban planning (SUP) as a tool that enables communities to decide which city model is desired to allow them to achieve their strategic urban development goals. To introduce design for social innovation as a facilitator to help communities work towards achieving their goals, by coordinating public and private efforts, by channeling resources and by adopting and adapting new frameworks to development so as to improve the living conditions of said communities.
Learning Outcomes	To analyze the existing (present) situation at a location to be chosen by the student (e.g. the neighborhood the reside in), by examining such physical planning parameters that affect community development as: urban fabric, transportation, environment, economy, society and culture, among others, as the basis for developing critical awareness and original thinking in the subject matters raised in this course introduction.
Content	<p>This is an introduction to strategic urban for social innovation as a strategy for long-term growth which sets a citywide context to guide the update of a potential community plan that includes a number of framework elements. These elements respond to mandates to plan for a sustainable future at the neighborhood level.</p> <p>Framework elements do not necessarily mandate or encourage growth, but instead they may provide a means for accommodating demographic changes in a manner which may enhance rather than degrade the environment.</p> <p>In preparing a strategic urban plan for social innovation, communities should consider a number of frameworks that contribute to urban development and provide a roadmap for managing change.</p> <p>The framework elements are related to physical planning infrastructures. Strategic pans of this nature may afford the opportunity to form closer relationships between proposed and available infrastructures at the neighborhood scale.</p> <p>In planning for a future that embraces social innovation, communities need to be prepared to meet demands and challenges given by potential choices about how best to respond to mandates to plan ahead and to create and evaluate available alternatives.</p>
Self-evaluation activities	<p>Self-evaluation activities:</p> <p>Submit a two-thousand-word report as an introduction with definitions and relevant background customized to an analysis of existing urban development conditions for the site you have chosen.</p>
Bibliography	<p>Mandatory – excerpts from the following:</p> <p>Manzini, E. (2015). Design, when everybody designs: An introduction to design for social innovation. MIT press.</p> <p>Morse, S. W. (2009). Smart communities: How citizens and local leaders can use strategic thinking to build a brighter future. John Wiley & Sons.</p> <p>Yin, J. (2012). Urban planning for dummies. John Wiley & Sons.</p> <p>Optional – excerpts from the following:</p>

	<p>Angelidou, M., & Psaltoglou, A. (2017). An empirical investigation of social innovation initiatives for sustainable urban development. <i>Sustainable cities and society</i>, 33, 113-125.</p> <p>Nicholas, A., & LEMES de OLIVEIRA, F. (2021). Emerging places of social innovation (POSI): a conceptual framework for social innovation in cities. <i>Transactions of the Association of European Schools of Planning</i>, 5(1), 55-70.</p> <p>Nyseth, T., & Hamdouch, A. (2019). The transformative power of social innovation in urban planning and local development. <i>Urban Planning</i>, 4(1), 1-6.</p> <p>Rizzo, F., Deserti, A., & Cobanli, O. (2015). Design and social innovation for the development of human smart cities. <i>Nordes</i>, 1(6).</p> <p>Rizzo, F., Deserti, A., & Cobanli, O. (2018). From social design to design for social innovation. In <i>Atlas of Social Innovation. New practices for a better future</i> (pp. 66-69). TU Dortmund University.</p>
Hours of Study including self-evaluation activities and or assignment's preparation	<p>Studying: 6 hours</p> <p>Assignment Preparation: 6 Hours</p>
Keywords:	Strategic Planning, Social Innovation, Urban Development Goals, Community Development
Study Guide	
Session 2 (W 3-4)	<p>Week 3: Introduction to Framework Element: Land Use</p> <p>Week 4: Introduction to Framework Element: Housing</p>
Learning Objectives	Acquiring specialized knowledge in the development of strategic urban planning tools so as to enable social innovation. To address framework elements land use and housing and to support the chosen area's strategic goals in support of urban development for social innovation.
Learning Outcomes	To analyze the existing (present) situation at a location to be chosen by the student (e.g. the neighborhood the reside in) so as to establish new land use and housing proposals.
Content	<p>To study the viability of the chosen area's residential neighborhoods and commercial districts and when growth occurs, to encourage sustainable growth in a number of higher-intensity commercial and mixed-use districts, centers and boulevards and industrial districts particularly in proximity to transportation corridors and transit stations.</p> <p>Framework element housing further elaborates on the chosen area's housing assets so as to ensure the provision of appropriate housing for existing and future residents. whose specific locations are determined through strategic objectives.</p> <p>In general, these categories continue the residential and industrial designations that have been used in the past, while new categories recommended for the selected area could include: Neighborhood Districts, community centers, regional centers, downtown centers, mixed-use boulevards and/or industrial districts, as may be deemed appropriate.</p> <p>Furthermore, to provide sufficient areas for the development of an adequate supply of housing units and to increase if and where appropriate the chosen area's capacity for housing units by the provision of bonus densities for the</p>

	<p>integration of housing with commercial uses in districts, centers and boulevards.</p> <p>Also, the provision of incentives for: the scattering of affordable units throughout the City; the development of family-size units in multi-family developments; and the establishment of development standards for new multi-family residential projects to provide for livable communities.</p>
Self-evaluation activities	<p>Self-evaluation activities:</p> <p>Submit a two-thousand-word report as an introduction with definitions and relevant background customized to an analysis of existing urban development conditions for framework elements land use and housing for the site you have chosen.</p>
Bibliography	<p>Mandatory – excerpts from the following:</p> <p>Manzini, E. (2015). <i>Design, when everybody designs: An introduction to design for social innovation</i>. MIT press.</p> <p>Morse, S. W. (2009). <i>Smart communities: How citizens and local leaders can use strategic thinking to build a brighter future</i>. John Wiley & Sons.</p> <p>Yin, J. (2012). <i>Urban planning for dummies</i>. John Wiley & Sons.</p> <p>Optional – excerpts from the following:</p> <p>Angelidou, M., & Psaltoglou, A. (2017). An empirical investigation of social innovation initiatives for sustainable urban development. <i>Sustainable cities and society</i>, 33, 113-125.</p> <p>Nicholas, A., & LEMES de OLIVEIRA, F. (2021). Emerging places of social innovation (POSI): a conceptual framework for social innovation in cities. <i>Transactions of the Association of European Schools of Planning</i>, 5(1), 55-70.</p> <p>Nyseth, T., & Hamdouch, A. (2019). The transformative power of social innovation in urban planning and local development. <i>Urban Planning</i>, 4(1), 1-6.</p> <p>Rizzo, F., Deserti, A., & Cobanli, O. (2015). Design and social innovation for the development of human smart cities. <i>Nordes</i>, 1(6).</p> <p>Rizzo, F., Deserti, A., & Cobanli, O. (2018). From social design to design for social innovation. In <i>Atlas of Social Innovation. New practices for a better future</i> (pp. 66-69). TU Dortmund University.</p>
Hours of Study including self-evaluation activities and or assignment's preparation	<p>Studying: 6 hours</p> <p>Assignment Preparation: 6 Hours</p>
Keywords:	<p>Strategic Planning, Social Innovation, Urban Development Goals, Community Development, Land-Use, Housing</p>
Study Guide	
Session 3 (W 5-6)	<p>Week 5: Introduction to Framework Element: Urban Form</p> <p>Week 6: Introduction to Framework Element: Neighborhood Design</p>
Learning Objectives	<p>Acquiring specialized knowledge in the development of strategic urban planning tools so as to enable social innovation. To address framework elements urban form and neighborhood design and to support the chosen area's strategic goals in support of urban development for social innovation.</p>

Learning Outcomes	To analyze the existing (present) situation at a location to be chosen by the student (e.g. the neighborhood the reside in) so as to establish new urban form and neighborhood design proposals.
Content	<p>The urban form and neighborhood design framework elements define "urban form" as the "general pattern of building height and development intensity" and also as the "structural elements" that define the physical extents of an urban area, such as natural features, transportation corridors (mobility), open space, public facilities, as well as activity nodes and focal elements.</p> <p>These frameworks describe options to improve community and neighborhood livability and establish local development standards through community plan proposals, such as: visually differentiating neighborhood areas or by defining such areas into: neighborhood districts (predominantly low-rise and pedestrian-oriented; community centers (predominantly mid-rise and largely pedestrian-oriented); regional centers (predominantly high-rise with some containing clusters of buildings on sidewalks and pedestrian areas and others with freestanding buildings); mixed-use boulevards (these tend to be comparable to the neighborhood districts and community centers.</p> <p>Streets are also defined according to their function and user character, including "pedestrian priority segments," "transit priority segments" and "vehicle priority segments."</p> <p>Development standards are addressed and formulated and guidelines that raise the quality of development citywide to enhance rather than adversely impact neighborhood character are introduced.</p> <p>Elements that enhance neighborhood character are indicated, including the use of street trees and also calming measures of residential streets.</p> <p>Standards to enhance pedestrian activity in areas to be designated by the student proposals as pedestrian friendly districts may include the siting of buildings along sidewalks, the design of the street elevation of buildings to promote visual interest to passersby, the location of parking to the rear or other areas away from the primary pedestrian area and even the inclusion of streetscape amenities.</p>
Self-evaluation activities	<p>Self-evaluation activities:</p> <p>Submit a two-thousand-word report as an introduction with definitions and relevant background customized to an analysis of existing urban development conditions for framework elements urban form and neighbourhood design for the site you have chosen.</p>
Bibliography	<p>Mandatory – excerpts from the following:</p> <p>Manzini, E. (2015). Design, when everybody designs: An introduction to design for social innovation. MIT press.</p> <p>Morse, S. W. (2009). Smart communities: How citizens and local leaders can use strategic thinking to build a brighter future. John Wiley & Sons.</p> <p>Yin, J. (2012). Urban planning for dummies. John Wiley & Sons.</p> <p>Optional – excerpts from the following:</p> <p>Angelidou, M., & Psaltoglou, A. (2017). An empirical investigation of social innovation initiatives for sustainable urban development. Sustainable cities and society, 33, 113-125.</p> <p>Nicholas, A., & LEMES de OLIVEIRA, F. (2021). Emerging places of social innovation (POSI): a conceptual framework for social innovation in cities. Transactions of the Association of European Schools of Planning, 5(1), 55-70.</p>

	<p>Nyseth, T., & Hamdouch, A. (2019). The transformative power of social innovation in urban planning and local development. <i>Urban Planning</i>, 4(1), 1-6.</p> <p>Rizzo, F., Deserti, A., & Cobanli, O. (2015). Design and social innovation for the development of human smart cities. <i>Nordes</i>, 1(6).</p> <p>Rizzo, F., Deserti, A., & Cobanli, O. (2018). From social design to design for social innovation. In <i>Atlas of Social Innovation. New practices for a better future</i> (pp. 66-69). TU Dortmund University.</p>
Hours of Study including self-evaluation activities and or assignment's preparation	<p>Studying: 6 hours</p> <p>Assignment Preparation: 6 Hours</p>
Keywords:	Strategic Planning, Social Innovation, Urban Development Goals, Community Development, Urban Form, Neighborhood Design
Study Guide	
Session 4 (W 7-8)	<p>Week 7: Introduction to Framework Element: Open Space</p> <p>Week 8: Introduction to Framework Element: Conservation Potential</p>
Learning Objectives	Acquiring specialized knowledge in the development of strategic urban planning tools so as to enable social innovation. To address framework elements open space and conservation potential and to support the chosen area's strategic goals in support of urban development for social innovation.
Learning Outcomes	To analyze the existing (present) situation at a location to be chosen by the student (e.g. the neighborhood the reside in) so as to establish new open spaces and the conservation of listed buildings and/or neighborhoods categories.
Content	<p>The introduction to the framework elements open space and conservation potential are oriented around the conservation of significant resources, provision of outdoor recreational opportunities, minimization of public risks from environmental hazards and the use of open space to enhance community and neighborhood character.</p> <p>Some key policies and examples that will be presented include, but are not limited to: the establishment of linear parks and open spaces and greenway systems that may potentially connect the area chosen by the student to regional open spaces (mountains, coastline and parks) and may also be linked to communities and neighborhoods.</p> <p>Also, mention will be made to potential improvements that may be made along existing blue and green features and infrastructures or along transit and utility corridors, where appropriate.</p> <p>Bikeways, hiking trails, parks and passive open space are among the improvements that may be considered.</p> <p>Buildings and/or neighborhood districts or special or unique character are also to be identified as well as related open spaces that form an integral ingredient of a neighborhood's character.</p> <p>Related to the above will be considerations and proposals of appropriate methods to protect significant remaining major buildings and/or open spaces, related to various uses.</p>

	<p>Urban forms of built stock and of open space will be considered, along with promotion considerations in the joint use of open space with public facilities, such as schools, transit and other).</p> <p>Moreover, the development of a sustainable systems approach to public infrastructure planning, construction, and management that identifies opportunities to reduce long-term cost to the community and/or promote long term benefits related to such activities, will be addressed.</p>
Self-evaluation activities	<p>Self-evaluation activities: Submit a two-thousand-word report as an introduction with definitions and relevant background customized to an analysis of existing urban development conditions for framework elements open space and conservation potential of buildings and/or neighborhoods for the site you have chosen.</p>
Bibliography	<p>Mandatory – excerpts from the following: Manzini, E. (2015). Design, when everybody designs: An introduction to design for social innovation. MIT press. Morse, S. W. (2009). Smart communities: How citizens and local leaders can use strategic thinking to build a brighter future. John Wiley & Sons. Yin, J. (2012). Urban planning for dummies. John Wiley & Sons.</p> <p>Optional – excerpts from the following: Angelidou, M., & Psaltoglou, A. (2017). An empirical investigation of social innovation initiatives for sustainable urban development. Sustainable cities and society, 33, 113-125. Nicholas, A., & LEMES de OLIVEIRA, F. (2021). Emerging places of social innovation (POSI): a conceptual framework for social innovation in cities. Transactions of the Association of European Schools of Planning, 5(1), 55-70. Nyseth, T., & Hamdouch, A. (2019). The transformative power of social innovation in urban planning and local development. Urban Planning, 4(1), 1-6. Rizzo, F., Deserti, A., & Cobanli, O. (2015). Design and social innovation for the development of human smart cities. Nordes, 1(6). Rizzo, F., Deserti, A., & Cobanli, O. (2018). From social design to design for social innovation. In Atlas of Social Innovation. New practices for a better future (pp. 66-69). TU Dortmund University.</p>
Hours of Study including self-evaluation activities and or assignment's preparation	<p>Studying: 6 hours Assignment Preparation: 6 Hours</p>
Keywords:	<p>Strategic Planning, Social Innovation, Urban Development Goals, Community Development, Open Space, Conservation Potential</p>
Study Guide	
Session 5 (W 9-10)	<p>Week 9: Introduction to Framework Element: Economic Development Week 10: Introduction to Framework Element: Social Development</p>
Learning Objectives	<p>Acquiring specialized knowledge in the development of strategic urban planning tools so as to enable social innovation. To address framework elements economic development and social development and to support the chosen area's strategic goals in support of urban development for social innovation.</p>

Learning Outcomes	To analyze the existing (present) situation at a location to be chosen by the student (e.g. the neighborhood the reside in) so as to establish economic and social development considerations and categories.
Content	<p>The framework elements relating to economic and social development policies are designed to facilitate growth and by emphasizing the benefits from a proactive role in the retention and attraction of businesses in order to have a sufficient job base to maintain and enhance the quality of life.</p> <p>Key policies include such considerations as:</p> <p>The reorganization of local government to coordinate economic and social development and business support service functions.</p> <p>The establishment of comprehensive programs for social inclusion and for business retention and attraction, especially in emerging fields.</p> <p>The development of an infrastructure investment strategy to support population and employment growth areas.</p> <p>The identification of public sector mandates that may constrain or delay economic and social development efforts and the provision of sufficient means that support economic and social development activities.</p> <p>The retention of appropriate land use classifications that broaden said definitions through the active investigation of their changing nature and the introduction of contemporary challenges and opportunities.</p> <p>The establishment of incentives for economic and social development in the areas chosen by the students and the facilitation of operations that have been identified as major drivers of the local and regional socioeconomic goals.</p> <p>Retain and expand existing outreach programs to local residents together with an ongoing assessment of their land use requirements, so as to maintain streamlined approval processes and reduce uncertainty in the community.</p> <p>The promotion, where appropriate, of the re-use and recycling of deteriorated infrastructures and services and the provision of reasonable access to transit infrastructure, employment and job training opportunities.</p> <p>The expansion of job training programs to adequately address the skill requirements of emerging economic and social opportunities for development in a framework of resource conservation and demand side management.</p>
Self-evaluation activities	<p>Self-evaluation activities:</p> <p>Submit a two-thousand-word report as an introduction with definitions and relevant background customized to an analysis of existing urban development conditions for framework elements economic and social development considerations for the site you have chosen.</p>
Bibliography	<p>Mandatory – excerpts from the following:</p> <p>Manzini, E. (2015). Design, when everybody designs: An introduction to design for social innovation. MIT press.</p> <p>Morse, S. W. (2009). Smart communities: How citizens and local leaders can use strategic thinking to build a brighter future. John Wiley & Sons.</p> <p>Yin, J. (2012). Urban planning for dummies. John Wiley & Sons.</p> <p>Optional – excerpts from the following:</p> <p>Angelidou, M., & Psaltoglou, A. (2017). An empirical investigation of social innovation initiatives for sustainable urban development. Sustainable cities and society, 33, 113-125.</p>

	<p>Nicholas, A., & LEMES de OLIVEIRA, F. (2021). Emerging places of social innovation (POSI): a conceptual framework for social innovation in cities. <i>Transactions of the Association of European Schools of Planning</i>, 5(1), 55-70.</p> <p>Nyseth, T., & Hamdouch, A. (2019). The transformative power of social innovation in urban planning and local development. <i>Urban Planning</i>, 4(1), 1-6.</p> <p>Rizzo, F., Deserti, A., & Cobanli, O. (2015). Design and social innovation for the development of human smart cities. <i>Nordes</i>, 1(6).</p> <p>Rizzo, F., Deserti, A., & Cobanli, O. (2018). From social design to design for social innovation. In <i>Atlas of Social Innovation. New practices for a better future</i> (pp. 66-69). TU Dortmund University.</p>
Hours of Study including self-evaluation activities and or assignment's preparation	<p>Studying: 6 hours</p> <p>Assignment Preparation: 6 Hours</p>
Keywords:	Strategic Planning, Social Innovation, Urban Development Goals, Community Development, Economic Development, Social Development
Study Guide	
Session 6 (W 11-12)	<p>Week 11: Introduction to Framework Element: Urban Infrastructures</p> <p>Week 12: Introduction to Framework Element: Public Services</p>
Learning Objectives	Acquiring specialized knowledge in the development of strategic urban planning tools so as to enable social innovation. To address framework elements urban infrastructures and public services and to support the chosen area's strategic goals in support of urban development for social innovation.
Learning Outcomes	To analyze the existing (present) situation at a location to be chosen by the student (e.g. the neighborhood the reside in) so as to establish new urban infrastructures and public services categories.
Content	<p>The primary goals of the urban infrastructures and public services framework elements are to provide adequate accessibility to commerce, to work opportunities and to essential services and to maintain acceptable levels of mobility of all those who live, work, travel or move goods in the areas selected by the students.</p> <p>Attainment of these goals necessitates a comprehensive understanding of physical infrastructure improvements, systems management techniques and behavioral changes, linked to an integrated hierarchy of strategic goals and priorities in sectors relevant to these framework elements.</p> <p>A key infrastructural parameter involves sustainable urban mobility that encompasses all sorts of modalities for transit, such as: pedestrian, bicycle, automobile, local shuttle, bus and/or rail transit.</p> <p>Key policies may be scaled to infrastructures and services that address: neighborhood transportation; transportation demand management; the promotion of transportation facilities and services and educational programs that encourage transit ridership, increase vehicle occupancy and pedestrian and bicycle access; the provision of park-and-ride services; the encouragement of businesses to implement tele commuting programs, flexible work schedules and/or and teleconferencing programs; the establishment of priority corridors that extend sustainable mobility beyond the current timeframe; the</p>

	<p>streamlining of traffic analysis and mitigation procedures and the use of flexible standards to facilitate development in the centers, mixed-use boulevards and in proximity to intermodal transit stations; and the protection of neighborhoods from the intrusion of additional traffic generated by new regional or local development.</p> <p>Another important infrastructural parameter involves district energy utilization and the adoption of renewable energy infrastructures thru a community energy strategic plan (CESP) by: identifying and engaging stakeholders; developing an energy vision; assessing the current energy profile; developing energy goals and strategies; identifying and prioritizing actions; putting together a financing strategy and a blueprint for implementation; integrating the above into a CESP.</p> <p>For all the above parameters and for those that follow, it is important to identify key and adequate funding programs from public and private sources and to encourage community participation.</p> <p>Additional urban infrastructures and public services may address issues such as: wastewater; stormwater; water supply; solid waste; health and safety related to police, fire and emergency medical care services; urban blue and green amenities; local schools, libraries, parks, etc.; neighborhood watch programs supported by neighborhood infrastructures and public services.</p> <p>These framework elements are enhanced when a community is enabled to:</p> <p>Monitor levels of demand and the abilities of the service/infrastructure system to support demands. Use these demands to forecast future needs and improvements.</p> <p>Maintain an adequate system/service to support the needs of population and employment. This encompasses the upgrade and replacement of existing facilities as they deteriorate as well as the expansion of facilities/services to accommodate growth.</p> <p>Implement techniques that reduce demands on utility infrastructure or services, where appropriate.</p> <p>Establish procedures for the maintenance or restoration of service after an emergency, including earthquakes.</p> <p>In the above it is important for the community to account for its strategic goals and to address how these may affect its planning efforts.</p>
Self-evaluation activities	<p>Self-evaluation activities:</p> <p>Submit a two-thousand-word report as an introduction with definitions and relevant background customized to an analysis of existing urban development conditions for framework elements new urban infrastructures and public services for the site you have chosen.</p>
Bibliography	<p>Mandatory – excerpts from the following:</p> <p>Manzini, E. (2015). Design, when everybody designs: An introduction to design for social innovation. MIT press.</p> <p>Morse, S. W. (2009). Smart communities: How citizens and local leaders can use strategic thinking to build a brighter future. John Wiley & Sons.</p> <p>Yin, J. (2012). Urban planning for dummies. John Wiley & Sons.</p> <p>Optional – excerpts from the following:</p> <p>Angelidou, M., & Psaltoglou, A. (2017). An empirical investigation of social innovation initiatives for sustainable urban development. Sustainable cities and society, 33, 113-125.</p>

	<p>Nicholas, A., & LEMES de OLIVEIRA, F. (2021). Emerging places of social innovation (POSI): a conceptual framework for social innovation in cities. <i>Transactions of the Association of European Schools of Planning</i>, 5(1), 55-70.</p> <p>Nyseth, T., & Hamdouch, A. (2019). The transformative power of social innovation in urban planning and local development. <i>Urban Planning</i>, 4(1), 1-6.</p> <p>Rizzo, F., Deserti, A., & Cobanli, O. (2015). Design and social innovation for the development of human smart cities. <i>Nordes</i>, 1(6).</p> <p>Rizzo, F., Deserti, A., & Cobanli, O. (2018). From social design to design for social innovation. In <i>Atlas of Social Innovation. New practices for a better future</i> (pp. 66-69). TU Dortmund University.</p>
Hours of Study including self-evaluation activities and or assignment's preparation	<p>Studying: 6 hours</p> <p>Assignment Preparation: 6 Hours</p>
Keywords:	Strategic Planning, Social Innovation, Urban Development Goals, Community Development, Urban Infrastructures and Public Services
Study Guide	
Session 1 (W 13-14) EXAM PERIOD	Presentation and submission of final assignment
Learning Objectives	Critical review and revision of 10 prior assignments / reports and assembly of these reports in strategic urban plan format in preparation of an oral presentation supported by appropriate slides.
Learning Outcomes	Putting together a presentation of a strategic plan for social innovation at the neighborhood scale.
Content	Preparation for submission of final assignment.
Self-evaluation activities	No self-evaluation activities for this session.
Bibliography	No assigned Readings for this session.
Hours of Study including self-evaluation activities and or assignment's preparation	Studying: 24 hours
Keywords:	Not applicable for this session.