



UNIVERSITI TEKNOLOGI MARA

BSS603: BUILDING DESIGN III

Course Name (English)	BUILDING DESIGN III APPROVED
Course Code	BSS603
MQF Credit	3
Course Description	The course provides knowledge and understanding to the students on the basic concepts and principles of town planning. This includes the categories and levels of planning, town planning administration and the development plan system. It also covers development control system and techniques in the preparation of layout plans and urban redevelopment process. Development of the application of Computer Aided Design – CAD (planning Software) is required in order to provide an understanding of the application of CAD systems and their development in future.
Transferable Skills	Teamwork, problem solving, time management and creativity.
Teaching Methodologies	Lectures, Studio, Field Trip
CLO	CLO1 identify the concepts and principles of town planning CLO2 acquire knowledge on the planning administration and procedure appertaining to the development plan system CLO3 translate and apply the theoretical knowledge to design project
Pre-Requisite Courses	BUILDING DESIGN II (BSS553)
Topics	
1. Introduction of Town Planning and Development 1.1) 1. Definition 1.2) 2. Purpose 1.3) 3. Profession of Town Planner 1.4) 4. Milestones of Town Planning Development in Malaysia	
2. Development Plan System 2.1) 1. Levels of Planning 2.2) 2. National Physical Plan 2.3) 3. State Structure Plan 2.4) 4. Local Plan 2.5) 5. Special Area Plan	
3. Development Control Process and Procedure 3.1) 1. Development Control and Planning Control 3.2) 2. The Role and Function 3.3) 3. Planning Permission Application 3.4) 4. Issues	
4. Development Control Tools 4.1) 1. Legislative, Administrative and Empirical Standards 4.2) 2. Planning Standards 4.3) 3. Guidelines	
5. Planning Legislation and Other Related Acts 5.1) 1. Town and Country Planning Act 1976 (Act 172) 5.2) 2. Federal Territory (Planning) Act 1982 (Act 267) 5.3) 3. Land Conservation Act 1960 5.4) 4. National Land Code 1965 5.5) 5. National Heritage Act 2005 (Act 645)	
6. Town Planning Concepts 6.1) n/a	

7. Site Analysis 7.1) n/a
8. Site Visit (Field Work) 8.1) n/a
9. Responsive Environment 9.1) n/a
10. Principles in Commercial Area Design 10.1) n/a
11. Principles on Residential Area Design 11.1) n/a
12. Planning proposals 12.1) n/a

Assessment Breakdown	%
Continuous Assessment	40.00%
Final Assessment	60.00%

Details of Continuous Assessment	Assessment Type	Assessment Description	% of Total Mark	CLO
	Individual Project	Topic can be chosen from syllabus that will not be lectured in the studio.	25%	CLO1 , CLO2
	Presentation	Town planning overview as an esquisse project.	15%	CLO1 , CLO2

Reading List	Reference Book Resources
	<ul style="list-style-type: none"> • Calthorpe, P 1993, <i>The Next American Metropolis – Ecology, Community and the America Dream</i>, Princeton Architectural Press New York • 2003, <i>Garis Panduan Perancangan Susun Atur Yang Optima Bagi Kawasan Perumahan</i>, Federal Department of Town and Country Planning Kuala Lumpur • Ibrahim Wahab 1991, <i>Perancangan Bandar – Aspek Fizikal dan Kawalan Pembangunan di Kuala Lumpur</i>, Dewan Bahasa dan Pustaka Kuala Lumpur • 1984, <i>Town and Country Planning (Structure and Local Plans)</i>, Federal Department of Town and Country Planning Kuala Lumpur • Law of Malaysia, <i>Town and Country Planning Act (Act 172)</i>, Government Press Kuala Lumpur • Rubenstein, ILM 1987, <i>Guide to Site and Environmental Planning</i>, John Wiley and Sons New York
Article/Paper List	This Course does not have any article/paper resources
Other References	This Course does not have any other resources