



UNIVERSITI TEKNOLOGI MARA

BTP110: PLANNING PROJECT I

Course Name (English)	PLANNING PROJECT I APPROVED
Course Code	BTP110
MQF Credit	6
Course Description	The course deals on basic understanding of planning graphics for plan presentations. It also deals on the understanding of applying imperial and metric scales to plans. Finally, the planning standards used in layout design.
Transferable Skills	Demonstrate ability to identify and articulate self skills, knowledge and understanding confidently and in a variety of contexts. Demonstrate ability to manage personal performance to meet expectations and demonstrate drive, determination, and accountability.
Teaching Methodologies	Lectures, Field Trip, Supervision
CLO	CLO1 Able to use technical instruments manually CLO2 Able to conduct survey, record data and scaled drawing CLO3 Able to identify, and evaluate residential layout site
Pre-Requisite Courses	No course recommendations
Topics	
1. PROJECT 1: BASIC PLANNING TOOLS 1.1) Line Drawing – demonstrating a variety of line styles and students applications (A1size). 1.2) Plan Enlargement and Plan Reduction (Radiation and Grid Method) 1.3) Plan Tracing and Colouring (Mixed development – A1 size)	
2. PROJECT 2: APPRECIATION OF URBAN FORM AND SCALE OF STREET FURNITURE 2.1) Field work - Sketches and comments of street furniture (bench, bollards, bus stop, fire hydrant, post boxes, street lamps, traffic lights etc. 2.2) Measured drawings to be transferred to scaled drawings on to tracing/catridge paper.	
3. PROJECT 3: APPRECIATION OF PLANNING STANDARDS AND SCALED DRAWINGS 3.1) Field work in a selected neighbourhood residential unit. Appreciation of lot sizes of different type of housing units, shop houses, open spaces, schools etc. 3.2) Measured drawings from site to be studied against planning standards of the local authority of the area.	
4. PROJECT 4: APPRECIATION OF THE VARIOUS TYPE OF RESIDENTIAL LAYOUT 4.1) Field work in a selected neighbourhood residential unit with various types of residential layout. 4.2) Prepare a checklist to guide the students on the design layout of a typical residential area. 4.3) Student to comment and to prepare a report on the design layout studied of the area.	
5. PROJECT 5: Planning Simulation (Sim's City) 5.1) n/a	
6. Field Trip 6.1) n/a	
7. Crit / Presentation session 7.1) n/a	

Assessment Breakdown		%	
Continuous Assessment		100.00%	

Details of Continuous Assessment	Assessment Type	Assessment Description	% of Total Mark	CLO
	Individual Project	Assignment	100%	CLO1 , CLO2 , CLO3

Reading List	Reference Book Resources
	<ul style="list-style-type: none"> • Claire Garcia. 2003, <i>Drawing for the Absolute and Utter Beginners.</i>, Ed., , Watson Guptill. [ISBN:] • De Chiara, J and Koppleman, C.E. 2000, <i>Time Savers: Standards for Site Planning</i>, Ed., , New York, Mc-Graw Hill Book Co. [ISBN:] • Henry J Aaron 2001, <i>Street Furniture</i>, Ed., , Hyperion Books, USA. [ISBN:] • Jacobo Krauel. 2007, <i>Street Furniture</i>, Ed., , Carles Broto Comerme, Spain [ISBN:] • Reekie, F. McCarthy, T 1995, <i>Architectural Drawing</i>, Ed., , Architectural Press [ISBN:] • Piawaiaan Perancangan PBT, Malaysia 2000, . • Russ, T.H. 2002, <i>Site Planning and Design Handbook</i>, Ed., , McGraw Hill, New York. [ISBN:] • Keeble, L. 1969, <i>Principles and Practice of Town and Country P</i>, Ed., , London.The Estate Gazette Ltd. [ISBN:] • Reekie, F 1976, <i>Draughtmanship Architectural and Building gra</i>, Ed., , Trans-Atlantic Pubns.USA. [ISBN:] • Mike Biddulph 2006, <i>Introduction to Residential Layout</i>, Ed., , Butterworth Heinemann, UK

Article/Paper List	This Course does not have any article/paper resources
Other References	This Course does not have any other resources