



UNIVERSITI TEKNOLOGI MARA

BTP150: PLANNING PROJECT II

Course Name (English)	PLANNING PROJECT II APPROVED
Course Code	BTP150
MQF Credit	6
Course Description	This subject applies the basic principles in planning and designing of housing, commercial and industrial area.
Transferable Skills	Reflective Learner Responsive Ethically and Socially Sensitive
Teaching Methodologies	Lectures, Field Trip, Supervision
CLO	CLO1 Analyse and identification of potentials and constraints of site for the development of housing, commercial and industrial areas CLO2 Application of various planning standards related to the layout plan planning and designing of housing, commercial and industrial areas inclusive of report writing CLO3 To produce development plan and proposal report for each of the development
Pre-Requisite Courses	No course recommendations
Topics	
1. Site Analysis 1.1) Analysis of a selected area of about 100 – 150 hectares. 1.2) Identification of site potentials and constraints using sieving technique for potential surface analysis. 1.3) Delineation of the area for housing, commercial and industry.	
2. Housing Layout 2.1) Preliminary research on theories, concepts/models and principles of housing layout plan. 2.2) Design process - preparing concept and schematic plans. 2.3) Layout plan - preparing layout plan, landscape plan, phasing plan and other illustration with 50 – 100 hectares. 2.4) Preparation of Development Proposal Report.	
3. Commercial Layout 3.1) Background research on theories, concepts/models and principles/guidelines of commercial layout plan. 3.2) Preparation of alternative concept plan and schematic plan. 3.3) Preparation of detail layout plan, phasing plan and other supportive/illustrations with 30 –50 hectares. 3.4) Preparation Development Proposal Report.	
4. Industrial Layout 4.1) Literature review on theories/concepts and principles of industrial layout plan. 4.2) Preparation of alternative concept plans and schematic plan. 4.3) Preparation of detail layout plan, phasing plan and other supportive illustrations with 50 – 100 hectares. 4.4) Preparation of Development Proposal Report.	

Assessment Breakdown		%	
Continuous Assessment		100.00%	

Details of Continuous Assessment	Assessment Type	Assessment Description	% of Total Mark	CLO
	Group Project	Site Analysis	20%	CLO1
	Individual Project	Industrial Layout	20%	CLO2 , CLO3
	Individual Project	Commercial Layout	25%	CLO2 , CLO3
	Individual Project	Housing Layout	35%	CLO2 , CLO3

Reading List	Recommended Text	Reference Book Resources
	<ul style="list-style-type: none"> • Mike Biddulph 2006, <i>Introduction to Residential Layout</i>, Butterworth Heinemann, UK • Thomas Russ 2009, <i>Site Planning and Design Handbook, Second Edition</i>, McGraw Hill Professional [ISBN: 9780071605595] • Catherine K?hinde George 2002, <i>Basic Principles and Methods of Urban and Regional Planning</i> [ISBN: 9789780527150] • Robert J. Gibbs 2012, <i>Principles of Urban Retail Planning and Development</i>, John Wiley & Sons [ISBN: 9780470488225] 	<ul style="list-style-type: none"> • Alonso, W. 1960, <i>A Theory of Urban Land Market, Papers and Proq Ed.</i>, , [ISBN:] • Chapin, F.S. and Kaiser, J.E. 1979, <i>Urban Landuse Planning</i>, Ed., , Urbana, University of Illinois Press [ISBN:] • Davies, R.L. 1973, <i>The Nature of Cities</i>, Ed., , London, Pergamon Press. [ISBN:] • De Chiara and Kopplemen, L. 1982, <i>Urban Planning and Design Criteria</i>, New York, Mc Graw Hill. • Ihsan Zainal Mokhtar 1991, <i>Proses Perancangan Tapak, Kertas Kerja Kursus</i>, Ed., , ITM, 2 - 5 Disember 1991. [ISBN:] • Lynch, K. 1962, <i>Site Planning</i>, , Ed., , Cambridge, The MIT Press. [ISBN:] • Rosmin Talib 1991, <i>Prinsip dan Garispanduan Perancangan Industri</i>, Ed., , ITM, 2- 5 Disember 1991. [ISBN:] • Zakaria Ahmad 1991, <i>Prinsip dan Garispanduan Perancangan awasan</i>, Ed., , ITM, 2 - 5 Disember 1991 [ISBN:] • Habsah Hashim 1991, <i>Prinsip dan Garispanduan Perancangan Perumahan</i>, Ed., , ITM, 2 - 5 Disember 1991. [ISBN:]

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