



UNIVERSITI TEKNOLOGI MARA

BTP114: SUSTAINABLE DEVELOPMENT

Course Name (English)	SUSTAINABLE DEVELOPMENT APPROVED
Course Code	BTP114
MQF Credit	2
Course Description	This subject focuses on the intricate man's relationship with the eco-system. It emphasizes how complex is the ecosystem and how important is man to ensure the balance in the ecosystem to be maintained. Permissiveness of man, his greed and abusive nature towards the ecosystem would eventually leads to the demise of quality of man's environment.
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
CLO	CLO1 Ability to comprehend the importance of maintaining the balance between the elements of the ecosystem CLO2 Ability to comprehend the roles of planners in ecosystem management CLO3 Ability to relate the various current environmental issues from planning perspectives
Pre-Requisite Courses	No course recommendations
Topics	
1. Introduction 1.1) Definitions of the environment and ecosystem 1.2) The ecosystem without man 1.3) The unique balance in the ecosystem 1.4) The position of man in the ecosystem	
2. The Conflict Points between man and the ecosystem 2.1) Jargoning between man's need and maintaining the balance of the ecosystem 2.2) Man perspective towards the ecosystem	
3. Global Issues/Threat 3.1) The green house effect 3.2) Forest Depletion 3.3) Pollution 3.4) Urbanization	
4. Urbanization and Environmental Issues 4.1) Urbanization process 4.2) Current environmental issues in urban areas 4.3) Traffic 4.4) Air and noise pollution 4.5) Soil erosion and landslide 4.6) Pollution of the river and sea 4.7) Heat island 4.8) Flash floods	
5. Planners' Role In Ecosystem Management 5.1) The roles of planners in ecosystem management 5.2) Limitation to the planners' role in managing the ecosystem	

6. Environmental Ethics and Sustainable Development

- 6.1) Environmental education
- 6.2) Public awareness
- 6.3) Recycling

7. Assignments

- 7.1) n/a

8. Field Trip

- 8.1) n/a

Assessment Breakdown	%
Continuous Assessment	40.00%
Final Assessment	60.00%

Details of Continuous Assessment	Assessment Type	Assessment Description	% of Total Mark	CLO
	Assignment	n/a	40%	CLO1 , CLO2 , CLO3

Reading List	Reference Book Resources
	<ul style="list-style-type: none"> • David R. Godschalk, Emil E. Malizia 2014, <i>Sustainable Development Projects</i>, Amer Planning Assn [ISBN: 1611901200] • Paulo Ferrão, John E. Fernández 2013, <i>Sustainable Urban Metabolism</i>, MIT Press [ISBN: 0262019361] • Peter Newman, Isabella Jennings 2012, <i>Cities as Sustainable Ecosystems</i>, Island Press [ISBN: 1597261882] • I. P. Williamson 2010, <i>Land Administration for Sustainable Development</i>, Esri Press [ISBN: 1589480414] • Peter P. Rogers, Kazi F. Jalal, John A. Boyd 2008, <i>An Introduction to Sustainable Development</i>, Routledge [ISBN: 1844075206] • Douglas Farr 2008, <i>Sustainable Urbanism</i>, John Wiley & Sons [ISBN: 047177751X] • Susan Baker 2006, <i>Sustainable Development</i>, Psychology Press [ISBN: 041528211X] • Abdullah Mohamad Said 1992, <i>Penilaian Kesan-Kesan Alam Sekitar</i>, Ed., , ITM, Shah Alam, Biroteks. [ISBN:] • Detylwer, T.B. 1985, <i>Pembandaran dan Persekitaran</i>, (terjemahan Sul, Ed., , Kuala Lumpur, Dewan Bahasa dan Pustaka. [ISBN:] • Clark, B. D. 1984, <i>Perspective on Environmental Impact Assessment</i>, Ed., , The Hague, Martinus Nijhoff. [ISBN:] • Bartelmus, P. 1988, <i>Environment and Development</i>, Ed., , Boston, Allan and Unwin. [ISBN:] • PADC 1983, <i>Environmental Impact Assessment</i>, Ed., , The Hague, Martinus Nijhoff. [ISBN:] • Sham Sani 1982, <i>Pembandaran, Iklim Bandar dan Pencemaran</i>, , Ed., , Kuala Lumpur, Dewan Bahasa dan Pustaka. [ISBN:] • Goudie, A. 1981, <i>The Human Impact: Man's Role In Environmental</i>, Ed., , Oxford, Basil Blackwell. [ISBN:] • Selman, P.H. 1981, <i>Ecology and Planning</i>, Ed., , London, George Allan and Unwin. [ISBN:] • Canter, L.W. 1977, <i>Environmental Impact Assessment</i>, Ed., , New York, McGraw Hill. [ISBN:] • Allen, S. A. and Lepnard, T.W. 1966, <i>Conserving Natural Resources, Principles and P</i>, Ed., , New York, McGraw Hill.
Article/Paper List	This Course does not have any article/paper resources
Other References	This Course does not have any other resources