



## UNIVERSITI TEKNOLOGI MARA

### BTP214: DATA BASE MANAGEMENT

<b>Course Name (English)</b>	DATA BASE MANAGEMENT <b>APPROVED</b>
<b>Course Code</b>	BTP214
<b>MQF Credit</b>	2
<b>Course Description</b>	This subject promotes ability to manage data and analyze information using statistical analysis.
<b>Transferable Skills</b>	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
<b>Teaching Methodologies</b>	Lectures
<b>CLO</b>	CLO1 Ability to manage information tailored to research needs CLO2 Ability to export and import of different formats CLO3 Ability to conduct statistical analysis pertaining different types of research
<b>Pre-Requisite Courses</b>	No course recommendations
<b>Topics</b>	
<b>1. Introduction to Information System</b> 1.1) Database Management System 1.2) Usage in research especially in town planning related researches	
<b>2. Encoding questionnaire</b> 2.1) Understanding questionnaire 2.2) Understanding the need of research 2.3) Encoding of questionnaire	
<b>3. Data entry</b> 3.1) Types of data entry 3.2) Using the editor 3.3) Imported from other data management system software (e.g. --Microsoft office Access and GIS)	
<b>4. Data manipulations</b> 4.1) Types of manipulations	
<b>5. Running statistical analysis</b> 5.1) Understanding and conducting statistical analysis that useful to town planning analysis	
<b>6. Application of Data Base</b> 6.1) MURNInet 6.2) Others application	
<b>7. Assignment</b> 7.1) n/a	

Assessment Breakdown		%	
Continuous Assessment		100.00%	

  

Details of Continuous Assessment	Assessment Type	Assessment Description	% of Total Mark	CLO
	Assignment	n/a	80%	CLO1 , CLO2 , CLO3
	Test	n/a	20%	CLO1 , CLO2 , CLO3

  

Reading List	Reference Book Resources
	<ul style="list-style-type: none"> <li>• Peck R., Olsen C. &amp; Devore J. 2007, <i>Introduction to Statistics and Data Analysis</i>, Ed., , USA, Thomson Learning [ISBN: ]</li> <li>• Shannon, David M &amp; Davenport, Mark A. 2001, <i>Using SPSS to Solve Statistical Problems: A S</i>, Ed., , New Jersey, Prentice Hall [ISBN: ]</li> <li>• Zainal, Mat Saat 2005, <i>Statistik Awalan</i>, Ed., , Petaling Jaya, Prentice Hall [ISBN: ]</li> <li>• Antonius, Rachad 2003, <i>Interpreting Quantitative Data With SPSS</i>, Ed., , London,SAGE. [ISBN: ]</li> <li>• Roland F.D 1998, <i>The Essence of Databases</i>, Ed., , London, Prentice Hall [ISBN: ]</li> <li>• Anderson, David R., Sweeney Dennis J. &amp; Willi 1994, <i>Introduction to Statistics: Concepts and Appl</i>, Ed., , St. Paul:West Publications [ISBN: ]</li> <li>• Rolland F. D. 1998, <i>The Essence of Database</i>, Ed., , London, Prentice Hall, [ISBN: ]</li> <li>• Frazer, Lorelle &amp; Lawley, Meredith 2000, <i>Questionnaire Design and</i>, Ed., , A practical Guide. [ISBN: ]</li> <li>• Hague, Paul N. 1993, <i>Questionnaire Design</i>, Ed., , London, Kogan Page Limited. [ISBN: ]</li> <li>• Carver, Robert H. &amp; Nash, Gradwohl J. 2006, <i>Doing Data Analysis With SPSS Version 14</i>, Ed., , Belmont, CA: Thomson-Brooks/Cole [ISBN: ]</li> <li>• Alan Agresti, Christine Franklin 2009, <i>Statistics: The art and Science of Ieraning from data (2nd Edition)</i>, Pearson Education. United State</li> <li>• Babbie, E 2012, <i>Introduction to Social Research: Fifth Edition</i>. Belmont, Wadsworth USA</li> <li>• C Y Piaw 2011, <i>Kaedah dan Statistik Penyelidikan (Buku 1)</i>, Mc Graw Hill Malaysia</li> <li>• Creswell, J. W 2009, <i>Discovering Statistic using Spss</i>, SAGE London</li> <li>• Kya, L. T 2012, <i>Quantitative Business Analysis :Second Edition</i>, Oxfard Fajar Sdn.Bhd Shah Alam</li> <li>• Vaus, D. D 2002, <i>Survey in Social Research: 5th Edition</i>, Allen &amp; Unwin NSW Australia</li> </ul>
<b>Article/Paper List</b>	This Course does not have any article/paper resources
<b>Other References</b>	This Course does not have any other resources