



UNIVERSITI TEKNOLOGI MARA

CSM553: DATA WAREHOUSING

Course Name (English)	DATA WAREHOUSING APPROVED				
Course Code	CSM553				
MQF Credit	4				
Course Description	This course is designed to provide an overview of data warehousing to support Customer Service. Students will be taught to conduct a system analysis needs, design the data model conceptually and logically and finally implement a simple information system. The physical and technological aspects of a data warehouse will also be covered.				
Transferable Skills	Able to demonstrate the ability to dream, imagine and visualise. (Creative and Innovative) Able to demonstrate analytical skills using technology. (Tech-Savvy)				
Teaching Methodologies	Lectures, Lab Work, Tutorial				
CLO	CLO1 To describe the concepts and terms of data warehousing CLO2 To apply the conceptual and logical data model in developing a database CLO3 To distinguish the requirements gathering methods in a data warehouse implementation CLO4 To identify various techniques and application in OLAP and Data Mining				
Pre-Requisite Courses	No course recommendations				
Reading List	<table border="1"> <tr> <td>Recommended Text</td> <td> <ul style="list-style-type: none"> Paulraj Ponniah 2010, <i>Data Warehousing Fundamentals: A Comprehensive Guide for IT Professionals</i>, Wiley </td> </tr> <tr> <td>Reference Book Resources</td> <td> <ul style="list-style-type: none"> Anahory, S, <i>Data Warehousing in the real world</i>, Pearson Education India. Connolly, T. & Begg C 2010, <i>Database Systems. A Practical Approach to Design, Implementation and Management</i>, Pearson Education Kimball, R., Ross, M., Thorthwaite, W., Becker, B., & Mundy, J. 2011, <i>The data warehouse lifecycle toolkit</i>, Wiley. com. Linoff, G. S., & Berry, M. J. 2011, <i>Data mining techniques: for marketing, sales, and customer relationship management</i>, John Wiley & Sons. O'Brien, J and Maracas, GM 2007, <i>Enterprise Information Systems</i>, 13th ed Ed., Mc Graw Hill. </td> </tr> </table>	Recommended Text	<ul style="list-style-type: none"> Paulraj Ponniah 2010, <i>Data Warehousing Fundamentals: A Comprehensive Guide for IT Professionals</i>, Wiley 	Reference Book Resources	<ul style="list-style-type: none"> Anahory, S, <i>Data Warehousing in the real world</i>, Pearson Education India. Connolly, T. & Begg C 2010, <i>Database Systems. A Practical Approach to Design, Implementation and Management</i>, Pearson Education Kimball, R., Ross, M., Thorthwaite, W., Becker, B., & Mundy, J. 2011, <i>The data warehouse lifecycle toolkit</i>, Wiley. com. Linoff, G. S., & Berry, M. J. 2011, <i>Data mining techniques: for marketing, sales, and customer relationship management</i>, John Wiley & Sons. O'Brien, J and Maracas, GM 2007, <i>Enterprise Information Systems</i>, 13th ed Ed., Mc Graw Hill.
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Article/Paper List	This Course does not have any article/paper resources				
Other References	This Course does not have any other resources				