



UNIVERSITI TEKNOLOGI MARA

CSI253: HAEMATOLOGY II

<b>Course Name (English)</b>	HAEMATOLOGY II <b>APPROVED</b>							
<b>Course Code</b>	CSI253							
<b>MQF Credit</b>	3							
<b>Course Description</b>	This course provides the student with a study of the production and function of white blood cells and platelets. Emphasis will be placed on the study of disease states of both blood components. Laboratory procedures and techniques will enable the student to develop the basic skills and understanding required to perform hematology tests.							
<b>Transferable Skills</b>	C1,C2,C3,P1,P2							
<b>Teaching Methodologies</b>	Lectures, Blended Learning, Lab Work, Industrial Training, Practical Classes							
<b>CLO</b>	CLO1 Describe the function of the white blood cells and platelets CLO2 Describe the aetiology, pathophysiology and the laboratory tests used in the diagnosis of myeloproliferative and lymphoproliferative disorders. CLO3 Describe the aetiology, pathophysiology and the laboratory tests used in the diagnosis of haemostatic disorders. CLO4 Perform the laboratory tests used in the diagnosis of myeloproliferative, lymphoproliferative disorders and haemostatic disorders							
<b>Pre-Requisite Courses</b>	No course recommendations							
<b>Reading List</b>	<table border="1"><thead><tr><th>Recommended Text</th></tr></thead><tbody><tr><td>• Hoffbrand, A.V. 2009, <i>Color Atlas of Clinical Hematology</i>, 4 Ed., Elsevier Mosby</td></tr><tr><td>• Helmut Löffler, Johann Rastetter. 2005, <i>Atlas of Clinical Hematology</i>, 6 Ed., Springer</td></tr><tr><td>• Ronald Hoffman 2008, <i>Hematology: Basic Principles And Practice</i>, 5 Ed., Elsevier Churchill Livingstone</td></tr><tr><td>• McKenzie, S.B. 2010, <i>Clinical Laboratory Hematology</i>, 2 Ed., Prentice Hall, Inc</td></tr><tr><td>• Harmening D.M. 2008, <i>Clinical Hematology and Fundamentals of Hemos</i>, F.A. Davis Co</td></tr><tr><td>• Rodak, B.F., Fritsm,a G.A., Keohane, E 2011, <i>Hematology, Clinical Principles and Applicati</i>, 4 Ed., Elsevier Saunders</td></tr></tbody></table>	Recommended Text	• Hoffbrand, A.V. 2009, <i>Color Atlas of Clinical Hematology</i> , 4 Ed., Elsevier Mosby	• Helmut Löffler, Johann Rastetter. 2005, <i>Atlas of Clinical Hematology</i> , 6 Ed., Springer	• Ronald Hoffman 2008, <i>Hematology: Basic Principles And Practice</i> , 5 Ed., Elsevier Churchill Livingstone	• McKenzie, S.B. 2010, <i>Clinical Laboratory Hematology</i> , 2 Ed., Prentice Hall, Inc	• Harmening D.M. 2008, <i>Clinical Hematology and Fundamentals of Hemos</i> , F.A. Davis Co	• Rodak, B.F., Fritsm,a G.A., Keohane, E 2011, <i>Hematology, Clinical Principles and Applicati</i> , 4 Ed., Elsevier Saunders
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