



UNIVERSITI TEKNOLOGI MARA

CSI154: IMMUNOLOGY AND SEROLOGY

Course Name (English)	IMMUNOLOGY AND SEROLOGY APPROVED		
Course Code	CSI154		
MQF Credit	3		
Course Description	This course is designed to give the Medical Laboratory Technologist a basic understanding of the development and functioning of the humoral and cell mediated immune responses. The course includes a discussion and laboratory-practical on immunologic-serologic testing of normal and abnormal functions of the body immune system.		
Transferable Skills	Communication skill		
Teaching Methodologies	Lectures, Blended Learning, Lab Work, Practical Classes		
CLO	CLO1 Explain the basic principle of immunology in the human body system and the concept of relevant serological tests. CLO2 Perform scientific investigation on serological testing in humans. CLO3 Demonstrate verbally the acquired information dealing with Immune responses, reactions and serological testing in the human body system		
Pre-Requisite Courses	No course recommendations		
Reading List	<table><tr><td>Recommended Text</td><td><ul style="list-style-type: none">• Richard Coico, Geoffrey Sunshine 2009, <i>Immunology: A Short Course</i>, 6 Ed., , Wiley-Blacwell [ISBN:]• Abul Abbas, Andrew Lichtman 2007, <i>Cellular and Molecular Immunology</i>. Saunders, Ed., , [ISBN:]• Abul K. Abbas MBBS, Andrew H. Lichtman MD PhD 2010, <i>Basic Immunology Updated Edition: Functions a</i>, Ed., , [ISBN:]• Abul Abbas, Andrew Lichtman 2010, <i>Basic Immunology</i>, Saunders• Anil Dasgupta 2007, <i>Immunology</i>, Ed., , Jaypee</td></tr></table>	Recommended Text	<ul style="list-style-type: none">• Richard Coico, Geoffrey Sunshine 2009, <i>Immunology: A Short Course</i>, 6 Ed., , Wiley-Blacwell [ISBN:]• Abul Abbas, Andrew Lichtman 2007, <i>Cellular and Molecular Immunology</i>. Saunders, Ed., , [ISBN:]• Abul K. Abbas MBBS, Andrew H. Lichtman MD PhD 2010, <i>Basic Immunology Updated Edition: Functions a</i>, Ed., , [ISBN:]• Abul Abbas, Andrew Lichtman 2010, <i>Basic Immunology</i>, Saunders• Anil Dasgupta 2007, <i>Immunology</i>, Ed., , Jaypee
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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		

