



UNIVERSITI TEKNOLOGI MARA

CSI162: BASIC BIOCHEMISTRY

Course Name (English)	BASIC BIOCHEMISTRY APPROVED	
Course Code	CSI162	
MQF Credit	2	
Course Description	no description provided	
Transferable Skills	Critical thinking	
Teaching Methodologies	Lectures, Blended Learning, Lab Work, Practical Classes, Tutorial	
CLO	<p>CLO1 Explain on reagent preparation, basic instrumentation, urinalysis and quality assurance procedures in chemical pathology laboratory.</p> <p>CLO2 Demonstrate the operating procedures for laboratory instrumentation and urinalysis.</p> <p>CLO3 Identify the correct procedures of reagent preparation, laboratory instrumentation and urinalysis to ensure the quality of patient test result outcome.</p>	
Pre-Requisite Courses	No course recommendations	
Reading List	Recommended Text	<ul style="list-style-type: none">• Carl Burtis, Edward Ashwood, David Bruns 2008, <i>Tietz Fundamentals of Clinical chemistry</i>, 6th Ed., Saunders Elsevier.• Mary Louise Turgeon., Linne & Ringsrud's <i>Clinical Laboratory Science: The Basics and Routine Techniques</i>, Mosby
	Reference Book Resources	<ul style="list-style-type: none">• Bishop Michael, Duben-Von Lauten Janet, Fody Edward. 2005, <i>Clinical Chemistry: Principles, procedures and correlations.</i>, Lippincott Williams & Wilkins• Kee, J.L, <i>Laboratory and Diagnostic Tests with Nursing Implication</i>, 7th Ed., Pearson Practice Hall• Nancy A. Brunzel 2012, <i>Fundamental of urine & body fluid analysis 3rd Edition.</i>, 3rd Ed., Elsevier Science Health Science Division• Jeremy Hughes, Ashley Jefferson M.D., Jonathan Ashley Jefferson 2008, <i>Clinical chemistry:made easy.</i>, Elsevier Health Sciences• Lillian A. Mundt, Kristy Shanahan 2010, <i>Graff's Textbook of Routine Urinalysis and Body Fluids.</i>, Lippincott Williams & Wilkins• Lorraine J. Doucette 2010, <i>Mathematics for the Clinical Laboratory.</i>, Saunders• Wilburta Q. Lindh, Marilyn S. Pooler, Carol D. Tamparo, Barbara M. Dahl 2009, <i>Delmar's Clinical Medical Assisting.</i>, Cengage Learning.• Barbara H. Estridge, Anna P. Reynolds. 2011, <i>Basic Clinical Laboratory Techniques.</i>, Cengage Learning
Article/Paper List	This Course does not have any article/paper resources	
Other References	This Course does not have any other resources	

