



# UNIVERSITI TEKNOLOGI MARA

## CSI301: CLINICAL LABORATORY PRACTICE I

Course Name (English)	CLINICAL LABORATORY PRACTICE I <b>APPROVED</b>	
Course Code	CSI301	
MQF Credit	9	
Course Description	This course is designed to further the skills necessary for the Medical Laboratory Technology students to function safely and competently in the Haematology and Transfusion Medicine laboratories.	
Transferable Skills	Ability to conduct test in the diagnostic lab.	
Teaching Methodologies	Lab Work, Seminar/Colloquium, Industrial Training, Discussion, Presentation, Supervision	
CLO	CLO1 Explain the standard operation procedures of pre-analytical, analytical and post-analytical in managing blood components specimens. CLO2 Perform the routine analytical test on clinical haematology specimens and rule out the cause of the diseases. CLO3 Present related laboratory investigation for the diagnosis of specific diseases. CLO4 Demonstrate consistently good leadership attitude, discipline and professionalism when interacting with other health care workers and patients.	
Pre-Requisite Courses	No course recommendations	
Reading List	Recommended Text	<ul style="list-style-type: none"><li>• John E. Roback 2014, <i>AABB Technical Manual</i>, 18 Ed., AABB USA [ISBN: 1-56395-196-7]</li><li>• Harmening, Denise 2012, <i>Modern blood banking &amp; transfusion practices</i>, 6th Ed., F.A.Davis [ISBN: 978-0-8036-26]</li><li>• <i>Immunohematology for Medical Laboratory Technicians</i>, 1st Ed., USA [ISBN: 978-1-4354-40]</li><li>• Eva D. Quinley 2011, <i>Immunohematology Principles and Practice</i>, 3rd Ed., Lippincott Williams &amp; Wilkins USA [ISBN: 978-0-7817-82]</li></ul>
Article/Paper List	This Course does not have any article/paper resources	
Other References	This Course does not have any other resources	

