



UNIVERSITI TEKNOLOGI MARA

CSI102: HISTOLOGICAL TECHNIQUES

Course Name (English)	HISTOLOGICAL TECHNIQUES APPROVED				
Course Code	CSI102				
MQF Credit	3				
Course Description	This course is designed to introduce student to the techniques of preparing tissue slides. This subject covers the basic, routine techniques and specialized procedures which are used in a histopathology laboratory for the preparation of body tissues removed at surgery or at autopsy for microscopic examination.				
Transferable Skills	Teamwork Leadership Communication skill Psycho motor skill				
Teaching Methodologies	Lectures, Blended Learning, Lab Work, Demonstrations				
CLO	<p>CLO1 Explain the operation of various human tissue processing equipment and staining to prepare tissue slides for microscopic examination in histology laboratory.</p> <p>CLO2 Perform the process of tissue slide preparation for microscopic examination in histology laboratory.</p> <p>CLO3 Demonstrate the troubleshooting to repair failed tissue slide produced through the histological techniques.</p>				
Pre-Requisite Courses	No course recommendations				
Reading List	<table><tr><td>Recommended Text</td><td>• Stephen R.P. 2010, <i>A Practical Guide to Frozen Section Technique</i>, Springer New York</td></tr><tr><td>Reference Book Resources</td><td>• Young B.. 2000, <i>Picture tests in histology</i>, Edinburgh : New York: Churchill Livingstone • John D.B and Marilyn G. 2008, <i>Histological Technique: Theory and Practice of Histological Techniques</i>, 6th Ed., Churchill Livingstone • Berman I. 2003, <i>Color Atlas of Basic Histology</i>, McGraw-Hill Professional • Junqueira L.C. and Carneiro J. 2005, <i>Basic Histology: Text & Atlas (Basic Histolog</i>, McGraw-Hill Professional • Geoffrey R. 2010, <i>Microtomy and Paraffin Section Preparation</i>, Leica Biosystems • Kim S. Suvarna, Christopher Layton, John D. Bancroft 2018, <i>Bancroft's Theory and Practice of Histological Techniques</i>, 9 Ed., All, Elsevier [ISBN: 9780702068645]</td></tr></table>	Recommended Text	• Stephen R.P. 2010, <i>A Practical Guide to Frozen Section Technique</i> , Springer New York	Reference Book Resources	• Young B.. 2000, <i>Picture tests in histology</i> , Edinburgh : New York: Churchill Livingstone • John D.B and Marilyn G. 2008, <i>Histological Technique: Theory and Practice of Histological Techniques</i> , 6th Ed., Churchill Livingstone • Berman I. 2003, <i>Color Atlas of Basic Histology</i> , McGraw-Hill Professional • Junqueira L.C. and Carneiro J. 2005, <i>Basic Histology: Text & Atlas (Basic Histolog</i> , McGraw-Hill Professional • Geoffrey R. 2010, <i>Microtomy and Paraffin Section Preparation</i> , Leica Biosystems • Kim S. Suvarna, Christopher Layton, John D. Bancroft 2018, <i>Bancroft's Theory and Practice of Histological Techniques</i> , 9 Ed., All, Elsevier [ISBN: 9780702068645]
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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				

