

**UNIVERSITI TEKNOLOGI MARA****BHS110: ANATOMY AND PHYSIOLOGY I**

Course Name (English)	ANATOMY AND PHYSIOLOGY I APPROVED				
Course Code	BHS110				
MQF Credit	3				
Course Description	The course provides the student with necessary knowledge of the anatomical and physiological aspects of the human body for application in their respective areas of study. The course covers basic cellular and tissue structures, their properties and functions. It also covers the structures and functions of the integumentary, musculoskeletal, cardiovascular and lymphatic systems. The homeostatic mechanisms are emphasized in all the systems covered in this course.				
Transferable Skills	Demonstrate ability to identify and articulate self skills, knowledge and understanding confidently and in a variety of contexts Demonstrate ability to communicate clearly and confidently, and listen critically				
Teaching Methodologies	Lectures, Blended Learning, Museum Session, Presentation				
CLO	CLO1 Define the terminology of anatomy and physiology, body organization, homeostasis, cellular and tissue organization. CLO2 Identify the structures of all systems covered in this course CLO3 Describe the structures and functions of all systems covered in this course CLO4 Apply the role of anatomy and physiology in certain illnesses				
Pre-Requisite Courses	No course recommendations				
Reading List	<table><tr><td>Recommended Text</td><td><ul style="list-style-type: none">• Elaine N. Marieb 2014, <i>Essentials of Human Anatomy and Physiology</i>, 10th Ed., Person International Edition• Indu, K., Arushi, K., Cheng, H.M., Lakshmi, S., Lee, W.L., & Than, S.N. 2010, <i>Fundamentals of Anatomy and Physiology for Nursing and Allied Health</i>, Oxford• Tortora GJ & Grabowski SR 2013, <i>Essential of Anatomy and Physiology</i>, 9TH Ed., John Wiley & Sons, Inc., USA• Marieb E.N & Hoehn K 2007, <i>Anatomy & Physiology</i>, 7TH Ed., Benjamin Cummings USA• Sherwood S 2007, <i>Human Physiology: From Cells to Systems</i>, 6TH Ed., Thomson Brooks-Cole USA• Thomson Brooks-Cole 2006, <i>Fundamentals of Anatomy & Physiology</i>, 7TH Ed., Pearson Benjamin Cummings USA• Schuenke M., Schulte E & Schumacher U 2006, <i>Atlas of Anatomy Latin nomenclature: General Anatomy and Muscularskeletal system</i>, Thieme. USA• Widmaier E.P, Raff H & Strang K.T 2006, <i>Vander's Human Physiology: The Mechanisms of Body Function</i>, 10TH Ed., McGraw Hill• Saladin K.S 2005, <i>Human Anatomy</i>, McGraw Hill. USA</td></tr><tr><td>Reference Book Resources</td><td><ul style="list-style-type: none">• Thomas H. McConnell & Kerry L.Hull 2011, <i>Human Form & Human Function : Essential of Anatomy and Physiology</i>, 1st Ed., Lippincott Williams & Wilkins USA</td></tr></table>	Recommended Text	<ul style="list-style-type: none">• Elaine N. Marieb 2014, <i>Essentials of Human Anatomy and Physiology</i>, 10th Ed., Person International Edition• Indu, K., Arushi, K., Cheng, H.M., Lakshmi, S., Lee, W.L., & Than, S.N. 2010, <i>Fundamentals of Anatomy and Physiology for Nursing and Allied Health</i>, Oxford• Tortora GJ & Grabowski SR 2013, <i>Essential of Anatomy and Physiology</i>, 9TH Ed., John Wiley & Sons, Inc., USA• Marieb E.N & Hoehn K 2007, <i>Anatomy & Physiology</i>, 7TH Ed., Benjamin Cummings USA• Sherwood S 2007, <i>Human Physiology: From Cells to Systems</i>, 6TH Ed., Thomson Brooks-Cole USA• Thomson Brooks-Cole 2006, <i>Fundamentals of Anatomy & Physiology</i>, 7TH Ed., Pearson Benjamin Cummings USA• Schuenke M., Schulte E & Schumacher U 2006, <i>Atlas of Anatomy Latin nomenclature: General Anatomy and Muscularskeletal system</i>, Thieme. USA• Widmaier E.P, Raff H & Strang K.T 2006, <i>Vander's Human Physiology: The Mechanisms of Body Function</i>, 10TH Ed., McGraw Hill• Saladin K.S 2005, <i>Human Anatomy</i>, McGraw Hill. USA	Reference Book Resources	<ul style="list-style-type: none">• Thomas H. McConnell & Kerry L.Hull 2011, <i>Human Form & Human Function : Essential of Anatomy and Physiology</i>, 1st Ed., Lippincott Williams & Wilkins USA
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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
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