

**UNIVERSITI TEKNOLOGI MARA****ANP410: ANATOMY AND PHYSIOLOGY II**

Course Name (English)	ANATOMY AND PHYSIOLOGY II APPROVED				
Course Code	ANP410				
MQF Credit	3				
Course Description	This course deals with basic concepts of anatomy and physiology related several organ system of human body. This is a second part of anatomy and physiology courses for students of health science undergraduate programs. Lecture addresses basic knowledge on the cardiovascular system, lymphatic system, immune system, the endocrine system, the respiratory system, the digestive system and metabolism, the urinary and the acid-base balance and the reproductive system. Some aspect of development and hereditary are covered.				
Transferable Skills	The students should be able to describe briefly the normal structure and function of certain human organ. Students should also be able to work in groups and demonstrate teamwork skills.				
Teaching Methodologies	Lectures, Self-directed Learning				
CLO	<p>CLO1 Describe the structure and functions of cardiovascular system, the blood and lymphatic system, the digestive system and metabolism, the respiratory system, the urinary system and the acid-base balance, the endocrine system, the reproductive system and development of the human body (LO1, C2)</p> <p>CLO2 Apply the normal structures and functions to some clinical changes (LO3, C3)</p> <p>CLO3 Demonstrate cooperative skills in a group based on the topics given (LO5, A3)</p>				
Pre-Requisite Courses	No course recommendations				
Reading List	<table><tr><td>Recommended Text</td><td>• Tortora GJ & Grabowski SR 2003, <i>Principles of Anatomy and Physiology</i>, 10 Ed., John Wiley, & Sons, Inc</td></tr><tr><td>Reference Book Resources</td><td>• Marieb E.N & Hoehn K 2007, <i>Human Anatomy & Physiology</i>, 7 Ed., USA: Benjamin Cummings • Sherwood S 2007, <i>Human Physiology: From Cells to Systems</i>, 6 Ed., USA: Thomson Brooks-Cole • Martini FH 2006, <i>Fundamentals of Anatomy & Physiology</i>, 7 Ed., Pearson Benjamin Cummings, USA • Schuenke M., Schulte E & Schumacher U 2006, <i>Atlas of Anatomy Latin nomenclature: General</i>, Thieme • Widmaier E.P, Raff H & Strang K.T 2006, <i>Vanders Human Physiology: The Mechanisms o</i>, 10 Ed., USA: McGraw Hill • Saladin K.S 2005, <i>Human Anatomy</i>, USA, McGraw Hill</td></tr></table>	Recommended Text	• Tortora GJ & Grabowski SR 2003, <i>Principles of Anatomy and Physiology</i> , 10 Ed., John Wiley, & Sons, Inc	Reference Book Resources	• Marieb E.N & Hoehn K 2007, <i>Human Anatomy & Physiology</i> , 7 Ed., USA: Benjamin Cummings • Sherwood S 2007, <i>Human Physiology: From Cells to Systems</i> , 6 Ed., USA: Thomson Brooks-Cole • Martini FH 2006, <i>Fundamentals of Anatomy & Physiology</i> , 7 Ed., Pearson Benjamin Cummings, USA • Schuenke M., Schulte E & Schumacher U 2006, <i>Atlas of Anatomy Latin nomenclature: General</i> , Thieme • Widmaier E.P, Raff H & Strang K.T 2006, <i>Vanders Human Physiology: The Mechanisms o</i> , 10 Ed., USA: McGraw Hill • Saladin K.S 2005, <i>Human Anatomy</i> , USA, McGraw Hill
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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				

