UNIVERSITI TEKNOLOGI MARA

BHS402: Physiology I

Course Name (English)	Physiology I APPROVED
Course Code	BHS402
MQF Credit	2
Course Description	The course provides the student with necessary knowledge of the physiological aspects of the human body for application in their respective areas of study. This is a first part of two courses on physiology for students of physiotherapy and occupational therapy programs. The systems covered in this course include the cellular and tissue level of organization, integumentary system, cardiovascular systems comprising of the blood, heart, vessels and lymphatic system. In each system, students are exposed to the various functions of the systems in normal states. Emphasize is given to the systems involvement in maintaining homeostasis.
Transferable Skills	Cognitive (knowledge and thinking) Teamwork
Teaching Methodologies	Lectures, Blended Learning, Inquiry-based Learning, Project-based Learning
CLO	CLO1 Explain the normal physiological aspects of the human body including cellular and tissue level of organization, musculoskeletal system, cardiovascular system (heart, blood and blood vessel) and lymphatic. CLO2 Apply knowledge on the body system normal physiology to relate to changes that occur in a diseased condition. CLO3 Demonstrate cooperative skills through a group work based on the topics given.
Pre-Requisite Courses	No course recommendations
Reading List	**Recommended Text** • **Lauralee Sherwood 2015, *Human Physiology: From cells to systems*, 9th Ed., 20, Cengage Learning Canada [ISBN: 978-128586693]** • **Stuart Ira Fox 2015, *Human Physiology*, 14th Ed., 20, McGraw-Hill Education; 14 edition (March 16, 2015) New York, USA [ISBN: 978-007783637]** • **Dee Unglaub Silverthorn 2015, *Human Physiology: An Integrated Approach*, 7th, Global Ed., 26, Pearson Education Limited [ISBN: 978-12920949]** • **Cindy L. Stanfield 2016, *Principles of human physiology*, 6th Ed., 23, Pearson Education [ISBN: 978-013416980]**
Article/Paper List	This Course does not have any article/paper resources
Other References	This Course does not have any other resources