

## Human Physiology 110

This course focuses on the biology & healthy functions of all the major human body systems and how wellness can be compromised by struggles with mental and social health, lifestyle choices and disorders.

### Curriculum

**GCO 1: Demonstrate an understanding that the various dimensions of wellness interact and impact on one another and on the structures and functioning of the human body.**

SCO 1.1 Explore factors which impact on overall wellness

SCO 1.2 Develop a Personal Wellness Plan.

**GCO 2: Demonstrate an understanding of the structures and functions of the human digestive system.**

SCO 2.1 Describe and model the structures and functions of a healthy digestive system.

SCO 2.2 Explore factors which compromise the healthy functioning of the digestive system.

SCO 2.3 Describe how the digestive system links to other body systems.

SCO 2.4 Consider what you have learned about the digestive system and integrate it into your Personal Wellness Plan

**GCO 3: Demonstrate an understanding of the structures and functions of the human skeletal, muscular and integumentary systems.**

SCO 3.1 Describe and model the structures and functions of a healthy human skeletal, muscular and integumentary system.

SCO 3.2 Explore factors which compromise the healthy functioning of the human skeletal, muscular and integumentary system.

SCO 3.3 Describe how the human skeletal, muscular and integumentary systems link to other body systems

SCO 3.4 Consider what you have learned about the human skeletal, muscular and integumentary systems and integrate it into your Personal Wellness Plan

**GCO 4: Demonstrate an understanding of the structures and functions of the human circulatory and respiratory systems.**

SCO 4.1 Describe and model the structures and functions of healthy circulatory and respiratory systems.

SCO 4.2 Explore factors which compromise the healthy functions of the circulatory and respiratory systems.

SCO 4.3 Describe how the circulatory and respiratory systems link to other body systems

SCO 4.4 Consider what you have learned about the circulatory and respiratory systems and integrate it into your Personal Wellness Plan

**GCO 5: Demonstrate an understanding of the structures and functions of the human endocrine and reproductive systems.**

SCO 5.1 Describe and model the structures and functions of healthy endocrine and reproductive systems.

SCO 5.2 Explore factors which compromise the healthy functioning of the endocrine and reproductive systems.

SCO 5.3 Describe how the endocrine and reproductive systems link to other body systems

SCO 5.4 Consider what you have learned about the endocrine and reproductive systems and integrate it into your Personal Wellness Plan

**GCO 6: Demonstrate an understanding of the structures and functions of the human nervous system.**

SCO 6.1 Describe and model the structures and functions of a healthy nervous system.

SCO 6.2 Explore factors which compromise the healthy functioning of the nervous system.

SCO 6.3 Describe how the nervous system links to other body system

SCO 6.4 Consider what you have learned about the nervous system and integrate it into your Personal Wellness Plan

### Materials

Binder, paper, pens/pencils

### Evaluation

Classwork, Assignments, Tests 70%

Final Assessment 30%