



CLO Alignment to Course Flow

MSHC



What is Course Flow?

Course Flow is the temporal presentation of content from the beginning to the end of a course.

Original CLOs

1. Define and use the appropriate scientific terminology when discussing the human body at all levels of organization.
2. Describe the various components of cells and tissues, indicating their structural and functional significance in contributing to more complex levels of organization including organs, organ systems and the holistic body
3. Describe the anatomical organization and structural components of the integumentary, nervous, endocrine, skeletal and muscular systems.
4. Explain how the integumentary, nervous, endocrine, skeletal and muscular systems function at the cellular, tissue and organ and organ system levels.
5. Describe how both the nervous and endocrine systems function independently and in a coordinated manner to regulate homeostasis.
6. Identify the appropriate anatomical features of the human body defined in the laboratory component of the course, including specific tissues, the brain, eye, ear, skeleton, and skeletal muscles.
7. Perform specific physiological testing in the laboratory component of the course, including organic chemical analysis, osmosis and diffusion, reflex analysis and special sense analysis.

Course Flow Aligned CLOs

1. Define and use appropriate terminology when discussing the human body.
2. Explain the structure and function of tissues and apply this understanding to the study of anatomy and physiology.
3. Explain the structure and function of the of the **Integumentary System** and apply this understanding through relevant lab activities.
4. Explain the structure and function of the **Nervous System** and apply this understanding through relevant lab activities.
5. Explain the structure and function of the of the **Endocrine System**.
6. Explain the structure and function of the of the **Skeletal System** and apply this understanding through relevant lab activities.
7. Explain the structure and function of the of the **Muscular System** and apply this understanding through relevant lab activities.

Exams

1

Lecture Exam 1 -
Tissues and
Integument

CLOs 1 - 3

2

Lecture Exam 2 -
Nervous System

CLO 4

3

Lab Exam 1 -
Integument and
Nervous Systems

CLOs 2 - 4

4

Lecture Exam 3 -
Endocrine and
Skeletal Systems

CLOs 5 and 6

5

Lab Exam 2 -
Muscle and
Skeletal Systems

CLOs 6 and 7

Final Exam CLOs 1-7

Summary

- Provides Formative and Summative assessment data
- Allows for meaningful analysis which is a driver for improvement
- Did students ...
 - Got it but forgot it?
Or
 - Never got it?
- Completely different curriculum response

