Course Outline

This outline provides an overview of the course and assignments by week. Each course module runs for a period of seven (7) days, i.e., one week. Due dates for readings and other assignments are referred to by the day of the module week in which they are due. For example, if a reading assignment is to be completed by Day 3 and the module started on Tuesday, then the reading assignment should be completed by Thursday, the 3rd day of the module.

Module	Dates	Topics	Assignments
Module 1 **See NOTE 1**	Tues 09/01/20 - Mon 09/07/20	Introduction to Physiology, Cell Transport, and Nernst Potential	• Readings: listed in Module • 7 lectures with content • Module 1 Assignment • 2 Discussion Questions
Module 2	Tues 09/08/20 - Mon 09/14/20	Excitable Membranes, Synapses	• Readings: listed in Module • 4 lectures with content • Module 2 Assignment • 1 Discussion Question
Module 3	Tues 09/15/20 - Mon 09/21/20	Skeletal Muscle	• Readings: listed in Module • 8 lectures with content • Module 3 Assignment • 2 Discussion Questions
Module 4	Tues 09/22/20 - Mon 09/28/20	Smooth Muscle	• Readings: listed in Module • 5 lectures with content • Module 4 Assignment • 1 Discussion Question
Module 5	Tues 09/29/20 - Mon 10/05/20	Cardiac Muscle	• Readings: listed in Module • 3 lectures with content • Module 5 Assignment • 1 Discussion Question
Module 6	Tues 10/06/20 - Mon 10/12/20	Cardiac Electrophysiology	• Readings: listed in Module • 9 lectures with content • Module 6 Assignment • 3 Discussion Questions
Module 7 **Exam 1 given this week**	Tues 10/13/20 - Mon 10/19/20	Heart as a Pump	• Readings: listed in Module • 3 lectures with content • Module 7 Assignment • 1 Discussion Question
Module 8	Tues 10/20/20 - Mon 10/26/20	Circulation	• Readings: listed in Module • 7 lectures with content • Module 8 Assignment • 1 Discussion Question

Module	Dates	Topics	Assignments
Module 9	Tues 10/27/20 - Mon 11/02/20	Regulation of the Circulatory System	• Readings: listed in Module • 5 lectures with content • Module 9 Assignment • 1 Discussion Question
Module 10	Tues 11/03/20 - Mon 11/09/20	Integration of the heart and Circulatory system	• Readings: listed in Module • 4 lectures with content • Module 10 Assignment • 1 Discussion Question
Module 11 **Exam 2 given this week**	Tues 11/10/20 - Mon 11/16/20	Respiratory Mechanics	• Readings: listed in Module • 5 lectures with content • Module 11 Assignment • 1 Discussion Question
Module12 **See NOTE 2**	Tues 11/17/20 - Mon 11/23/20	Ventilation and Perfusion	• Readings: listed in Module • 3 lectures with content • Module 12 Assignment • 1 Discussion Question
	Mon 11/23/20-Sun11/29/20	***Thanksgiving Break***	***No new material assigned; nothing due***
Module 13 **See NOTE 2**	Tues 12/01/20 - Mon 12/07/20	Respiratory Gas Transport	• Readings: listed in Module • 2 lectures with content • Module 13 assignment • 1 Discussion Question
Module 14 **Exam 3 given this week**	Tues 12/08/20 - Mon 12/14/20	Control of the Respiratory System	• Readings: listed in Module • 2 lectures with content • Module 14 Assignment • 1 Discussion Question

NOTES

1. 9/7/20 is Labor Day, a designated holiday. You may submit your homework for Module 1 at the usual time (9:00 PM on the Monday, Module day 7) OR you may submit it early. Late submissions will be penalized.
2. 11/23/20 is the first day of the Thanksgiving Break, a designated holiday. You may submit your homework for Module 12 at the usual time (9:00 PM on the Monday, Module day 7) OR you may submit it early. Late submissions will be penalized.