BIOL 3730 - Human Physiology

Fall 2026 Syllabus, Section 02, CRN 41082,

Credit hours: 4

Instructor

Jill Tall

Email: jmtall@ysu.edu

Public Instructor Information

Instructor Title: Associate Professor
Instructor Professional Qualifications:

Ph. D. (2001), Biomedical Sciences, Major Focus – Neurobiology, Minor Focus – Pharmacology, Kent State University in cooperation with Northeastern Ohio Universities College of Medicine

Bachelor's (1996), Zoology, Arizona State University

Instructor Office Location: Ward Beecher Hall #4026
Instructor Office Phone: 330-941-1387

Course Description

3730. Human Physiology. Concepts of human physiology that focus on the regulation of homeostatic mechanisms by the neural, endocrine, cardiovascular, respiratory, and renal systems. Four hours lecture. Prereq.: BIOL 2602 or BIOL 2603. 4 s.h.

Course Readings

Group	Title	Author	ISBN
Optional	Human Physiology: An Integrated Approach	Silverthorn DU	978-0-13-460519-7

The course readings are subject to change in the event of extenuating circumstances, research developments, current events, and/or to ensure better learning.

Schedule of Topics and Assignments

Day	Date	Proposed Topic	Due/To Prepare for Class
Mon	8/24	Syllabus Review "Meet and Greet" Activity	
Tue	8/25	Physiology Foundations	
Wed	8/26	Physiology Foundations	
Thu	8/27	Physiology Foundations	
Mon	8/31	Physiology Foundations	
Tue	9/1	Physiology Foundations	
Wed	9/2	Physiology Foundations	
Thu	9/3	Physiology Foundations	
Mon	9/7		
Tue	9/8	QUIZ 1 Quiz grading and review	
Wed	9/9	Endocrine System	
Thu	9/10	Endocrine System	
Mon	9/14	Endocrine System	

Tue	9/15	Endocrine System
Wed	9/16	Endocrine System
Thu	9/17	Endocrine System
Mon	9/21	EXAM 1
Tue	9/22	Nervous System
Wed	9/23	Nervous System
Thu	9/24	Nervous System
Mon	9/28	Nervous System
Tue	9/29	Nervous System
Wed	9/30	Nervous System
Thu	10/1	Nervous System
Mon	10/5	QUIZ 2 Nervous System
Tue	10/6	Nevous System
Wed	10/7	Muscular System
Thu	10/8	Muscular System
Mon	10/12	Muscular System
Tue	10/13	Muscular System
Wed	10/14	Muscular System
Thu	10/15	Muscular System
Mon	10/19	EXAM 2
Tue	10/20	Cardiovascular System
Wed	10/21	Cardiovascular System
Thu	10/22	Cardiovascular System
Mon	10/26	Cardiovascular System
Tue	10/27	Cardiovascular System
Wed	10/28	Cardiovascular System
Thu	10/29	Cardiovascular System
Mon	11/2	QUIZ 3 Respiratory System
Tue	11/3	Respiratory System
Wed	11/4	Respiratory System
Thu	11/5	Respiratory System
Mon	11/9	Respiratory System
Tue	11/10	Respiratory System
Wed	11/11	
Thu	11/12	Respiratory System
Mon	11/16	EXAM 3
Tue	11/17	Renal System
Wed	11/18	Renal System
Thu	11/19	Renal System
Mon	11/23	Renal System
Tue	11/24	Renal System
Wed	11/25	
Thu	11/26	
Mon	11/30	Digestive System
Tue	12/1	Digestive System
Wed	12/2	Digestive System
Thu	12/3	Digestive System
Mon	12/7	

Tue	12/8	
Wed	12/9	EXAM 4 10:30-12:30
Thu	12/10	

The course schedule, policies, procedures, and assignments in this course are subject to change in the event of extenuating circumstances, by mutual agreement, and/or to ensure better learning.