Midwestern State University Biology
Fall 2025

I. Anatomy & Physiology I
BIOL 1134-105 – Lecture MW 4:00 pm – 5:20 pm BO127
Labs: *See Online Schedule for Labs* BO 225

II. Instructor:
Dr. Mike Shipley Office: BO 224L
Phone: 397-4517 E-mail: michael.shipley@msutexas.edu
Office hours: MTWRF 11:00 AM – 12:00 PM; or by appointment.

III. Required Texts:
McGraw-Hill Connect Term 2 – ISBN 9781264349227. Connect provides access to the eBook and SmartBook: **Anatomy and Physiology: Unity of Form and Function, by Saladin and McFarland, McGraw Hill**, as well as lab simulations and virtual dissections.
For those who prefer a physical textbook you may purchase a Loose Leaf copy – ISBN: 9781264260744
A computer with internet access is required.

IV. Course Objectives:
This course is a functional human anatomy and physiology course with a systems approach. The anatomy and physiology of each organ system will be stressed. The expected outcome will be to enhance students' understanding of the structure and function of the human organism, and to equip the student to relate basic biological principles to human anatomy and physiology. This course meets the general education requirements for a laboratory science course.

V. Prerequisites:
There are no prerequisites for BIO 1134. A grade of C or better in BIOL 1134 is a prerequisite for BIO 1234 (A&P 2).

VI. D2L and McGraw-Hill Connect:
This course entirely uses D2L and Connect. Each student is expected to be familiar with this program as it provides a primary source of communication regarding assignments, examination materials, and general course information. You can log into D2L If you experience difficulties, please contact MSU's technical support department by phone at 940-397-4278, or by email at helpdesk@mwsu.edu.
Access to Connect will be via the D2L login. For technical support for Connect:

- **Phone:** (800) 331-5094
- **Online:** Submit a Support Request
  Chat: Chat with a Representative

VII. Grade Determination and Exams:
The major exams will cover lecture notes and reading in your text. Pre-lecture reading of appropriate chapters will provide a basis for understanding the lecture material. The grade for this class will be based on the major lecture exams and the laboratory. Refer to detailed schedule for exam dates. Special assignments and extra work will not be allowed as substitutes

for lab work or exams.
Lecture and Lab grades will be determined as follows:

Lecture Items:		***Overall Course Grade:***	
Lecture Exams (4)	**- 80%**	**Lecture Average**	**- 75%**
Connect LearnSmart	**- 20%**	**Lab Average**	**- 25%**
	100%		**100%**

The final grade will be based on the following system:

90 - 100 =	**A**
80 - 89 =	**B**
70 - 79 =	**C**
60 - 69 =	**D**
Below 60 =	**F**

VIII. Detailed Lecture Schedule:

Date	Topic	Chapter
Mon Aug 25	Major Themes in Anatomy & Physiology	1
Wed Aug 27	Major Themes in Anatomy & Physiology	1
Mon Sept 1	**LABOR DAY**	
Wed Sept 3	Chemistry of Life	2
Mon Sept 8	Chemistry of Life	2
Wed Sept 10	Cells - Form & Function	3
Mon Sept 15	Cells - Form & Function	3
Wed Sept 17	Tissues	5
Mon Sept 22	Tissues	5
Wed Sept 24	**EXAM 1**	
Mon Sept 29	Integumentary System	6
Wed Oct 1	Integumentary System	6
Mon Oct 6	Skeletal System - Bone Tissue	7
Wed Oct 8	Skeletal System	8
Mon Oct 13	Skeletal System - Joints	9
Wed Oct 15	Muscular System	10
Mon Oct 20	Muscular System - Muscle Tissue	11
Wed Oct 22	Muscular System - Muscle Tissue	11
Mon Oct 27	**EXAM 2**	
Wed Oct 29	Nervous System - Fundamentals and Nervous Tissue	12
Mon Nov 3	Nervous System - Fundamentals and Nervous Tissue	12
Wed Nov 5	Nervous System - Fundamentals and Nervous Tissue	12
Mon Nov 10	Nervous System - Spinal Cord; Somatic Reflexes	13
Wed Nov 12	Nervous System - Brain & Cranial Nerves	14
Mon Nov 17	Nervous System - Brain & Cranial Nerves	14
Wed Nov 19	Nervous System - Autonomic Nervous System	15
Mon Nov 24	**EXAM 3**	
Wed Nov 26	**THANKSGIVING**	
Mon Dec 1	Special Senses	16
Wed Dec 3	Special Senses	16
Mon Dec 8 (3:30 pm)	**FINAL EXAM** (Mostly Comprehensive)	

IX. Lecture Exams

There will be four multiple-choice exams in class that make up for 80% of your lecture grade. Check the schedule for specific dates. Notes, textbooks, internet resources etc. are not permitted during exams. Integrity is expected from all students.

X. Late or Missed Exams

If you know in advance that you will be unable to take an exam on the specified date, please notify the instructor **before** the exam date to reschedule a time. Failure to contact the instructor may result in a zero for that exam.

XI. Connect LearnSmart

The remaining 20% of your lecture grade will come from chapter quizzes using Connect LearnSmart. Similar to questions that will be found on the exams, the quizzes consist of multiple choice and True/False questions that will be automatically graded upon completion of the assignment.

XII. Attendance Policy

The student is responsible for all material, announcements, reminders, and changes to the syllabus (should they occur) discussed in this course. Attendance in automatically recorded each time you log in to D2L. Failure to log in puts one at risk of failing and being dropped from the course.

For more information about the University Academic Misconduct Policy, see the MSU Student Handbook, Appendix E, “Academic Dishonesty Policies and Procedures.

Senate Bill 11 passed by the 84th Texas Legislature allows licensed handgun holders to carry concealed handguns on campus, effective August 1, 2016. Areas excluded from concealed carry are appropriately marked, in accordance with state law. For more information regarding campus carry, please refer to the University’s webpage at https://mwsu.edu/campus-carry/rules-policies.