

ANP 128 - Survey of Human Anatomy and Physiology
5 credits

Instructor: Susan Imholt
Office: IB 2423C #17
Office hours: Wednesdays 11:00am-noon, and by appointment
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Class meets:

Monday	10:00-11:50am	ED 2841A
Tuesday	10:00-11:50am	AS 1615
Wednesday	10:00-10:50am	ED 2841A
Thursday	10:00-11:50am	AS 1615

Course Description: This survey course covers the anatomy and physiology of the human body including basic chemistry, cells and tissues, and the major systems.

Required Texts: Essentials of Human Anatomy and Physiology, 8th ed., Elaine N. Marieb, Pearson Education, 2006.

Essentials of Human Anatomy and Physiology Laboratory Manual, 3rd ed., Elaine N. Marieb, Pearson Education, 2006.

Optional: The Anatomy Coloring Book, Wynn Kapit and Lawrence M. Elson, Harper & Row, 1977.

The Physiology Coloring Book, Wynn Kapit, Robert I. Macey, and Lawrence M. Elson, Harper & Row, 1987.

Grading: Your final grade will be scored according to the following:

Lecture Exams	50%
Lab Reports	35%
Quizzes	15%

Lecture Exams: The exams will not be cumulative and may be composed of multiple choice, matching, short answer, and essay questions. Please bring a **Scantron** and a **#2 pencil** for each exam. There will be no make-up exams unless special arrangements are made in advance.

Lab Reports: The lab reports will consist of the exercises found in the laboratory workbook and will include all data, answering of questions at the end of the exercise, and

drawings of slides. Lab reports are due each week on Mondays and reflect work completed the week prior.

Quizzes: Weekly quizzes will be given on Thursdays during the first 20 minutes of class. The quizzes will cover information covered in lecture and materials from lab such as slides and models. There will be no make-up quizzes given due to tardiness or absence.

Classroom Conduct: You are expected to display professional behavior in class. Please arrive on time for class. Please turn off or silence cell phones and pagers.

Academic Integrity: Students are responsible for knowing and abiding by all the rules and regulations in the Student Handbook.

It is assumed that each student will do their own work. Cheating and plagiarism are unacceptable and will be referred to the Vice President of Student Affairs for disciplinary action.

Late work: Assignments are due at the beginning of class. Late work will lose 5% each day late.

Chemical Sensitivities: Due to the increasing numbers of individuals developing chemical sensitivities and the increasing awareness of such conditions, everyone who attends this class is asked to refrain from wearing any fragrance or perfume. The greatest feasible efforts will also be taken to ensure a fresh air environment free of not only the above mentioned fragrances but also potentially harmful substances such as carbon monoxide, formaldehyde, carpet odor, organic solvents, etc. Individuals who are unsure of the importance of this policy should see the Associate Dean for additional information.

Disclaimer: This syllabus is tentative and may change if the instructor finds it necessary. You will be informed in class of any changes.

Date	Lecture Topic	Chapter	Lab Exercise
Mon 4/2	Introduction, Intro to Basic Chemistry	1, 2	--
Tues 4/3	Basic Chemistry	2	Appendix A: Use of the Microscope
Wed 4/4	Anatomy of the Cell	3	--
Thurs 4/5	Cell Transport Mechanisms	3	Exercise 3: Anatomy of the Cell, Cell Division

Mon 4/9	Tissues	3	--
Tues 4/10	Egg Lab	3	Exercise 4: Cell Transport Mechanisms
Wed 4/11	Epithelial, Connective, Muscle Tissue	3	--
Thurs 4/12	Integumentary System	4	Exercise 5: Classification of

	Quiz #1		Tissues
Mon 4/16	Integumentary System	4	--
Tues 4/17	Intro to Skeletal System		Exercise 6: Integumentary System
Wed 4/18	Skeletal System	5	--
Thurs 4/19	Review for Exam Quiz #2		Exercise 7: Skeleton
Mon 4/23	Exam #1		--
Tues 4/24	Axial Skeleton- skull, vertebrae, thorax	5	Exercise 8: Axial Skeleton
Wed 4/25	Joints	5	--
Thurs 4/26	Appendicular Skeleton- shoulder and arm, pelvis and leg, joints Quiz #3	5	Exercise 9: Appendicular Skeleton Exercise 10: Joints
Mon 4/30	Muscular System	6	--
Tues 5/1	Muscles of head and neck, chest and abdomen	6	Exercise 11: Anatomy of Skeletal Muscle Exercise 12: Anatomy of Muscular System
Wed 5/2	Muscle Physiology	6	--
Thurs 5/3	Muscle Metabolism, Muscles of shoulder and arm, pelvis and leg, Review for Exam Quiz #4	6	Exercise 12: Anatomy of Muscular System
Mon 5/7	Exam #2		--
Tues 5/8	Neurophysiology	7	Exercise 13: Nervous System
Wed 5/9	Nervous System-brain	7	--
Thurs 5/10	Spinal Cord Quiz #5	7	Exercise 14: Anatomy of Brain and Spinal Nerves
Mon 5/14	Peripheral Nervous System, Reflexes	7	--
Tues 5/15	Introduction to the Endocrine System	9	Exercise 15: Spinal Cord, Nerves, Reflexes Exercise 16: Reflexes
Wed 5/16	Endocrine System	9	--
Thurs 5/17	Blood System, Review for Exam Quiz #6	10	Exercise 19: Blood

Mon 5/21	Exam #3		--
Tues 5/22	Heart	11	Exercise 20: Anatomy of the Heart
Wed 5/23	Cardiovascular Physiology, Blood Vessels	11	--
Thurs 5/24	Blood Vessels and Circulation Quiz #7	11	Exercise 21: Blood Vessels Exercise 22: Cardiovascular Physiology

Mon 5/28	Memorial Day Holiday		--
Tues 5/29	Lymphatic System, Immune System	12	Immune Case Study
Wed 5/30	Respiratory System	13	--
Thurs 5/31	Respiratory Physiology Quiz #8	13	Exercise 23; Anatomy of Respiratory System Exercise 24: Physiology of Respiratory System

Mon 6/4	Digestive System, Intro to Urinary System	14	--
Tues 6/5	Urinary System	15	Exercise 25: Anatomy of Digestive System
Wed 6/6	Reproductive System	16	--
Thurs 6/7	Urinary and Reproductive System, Review for Final Quiz #9	15, 16	Exercise 26: Anatomy of Urinary System Exercise 27: Reproductive System

Wed 6/13	Final Exam		--
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