

Point summary:

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| Lecture (3 exams @ 100 points/each) | 300 |
| Lab Practicals (3 @ 25 pts/each) | 75 |
| Final exam | 100 |
| Collaborative project | 50 |
| Lab Quizzes (3 @ 10 points/each) | 30 |
| Written assignments (4 @ 15 points each) | 60 |
| <u>Participation</u> | <u>25</u> |
| Total | 640 |

Your final grade will be based on the percentage of the total possible points you obtain in class as follows:

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| 90% - 100% | = | A- or better |
| 80% - 89% | = | B- or better |
| 70% - 79% | = | C- or better |
| 60% - 69% | = | D- or better |
| 0% - 59% | = | F or better |

Resources: Saladin, K.S. 2007. Anatomy and Physiology: The unity of form and function, 4th edition. WCB McGraw-Hill.
Anatomy and Physiology Revealed CDs
Course web page: www.masonposner.com

Reading: I will assume that you have read the pertinent sections of the textbook before coming to class. We will be covering a large amount of material this semester, and we will be moving quickly in lecture. You will get much more out of class if you come prepared.

Lecture Notes: You will find the outlines for each of the lectures on the course webpage. Lecture outlines for each week will be posted by the previous Friday evening so that you can print them out and bring them to lecture. Always bring the notes for that day's lecture plus the next lecture in case we move ahead. These outlines will not cover all of the material presented in lecture, and are not a replacement for coming to class. By providing some of the lecture material ahead of time, we will be able to cover more in class. **You are strongly encouraged to look over these outlines before each class.**

Attendance: 30 points of your grade will come from participation in class. While you will not lose points for missing lecture, you suffer the risk of missing important information for exams, and opportunities to gain participation points. You **must** attend lab. Missed labs will affect you in several ways: you will lose participation points, you will miss quizzes and you will not be prepared for the lab practicals. Only with an excused absence can a lab be made up at another time.

Excused Absences: An absence will only be excused if: 1. You have a letter from university health services or a private physician stating that you were unable to attend class for health reasons. 2. You will be travelling for a university sponsored event. This must be brought to my attention before the absence so that alternate arrangements can be made.

Academic Integrity Policy: Any student cheating on or plagiarizing an assignment will receive an “F” on that assignment, will be reported to the registrars office, and may be expelled from the University. Your student handbook defines plagiarism as follows:

“Plagiarism is the intentional or unintentional presentation of someone else's words, ideas or data as one's own work. In the event the faculty member deems the plagiarism is unintentional he/she shall typically require the student to rewrite the assignment. In the event the faculty member believes the plagiarism is willful, the sanctions in this document will apply. If the work of another is used, acknowledgment of the original source must be made through a recognized reference practice, and, if verbatim statements are included, through quotation marks as well. To assure proper crediting, a student will acknowledge the work of others:

1. Whenever one quotes another person's actual words.
2. Whenever one uses another person's idea, opinion or theory, even if it is completely paraphrased in one's own words.
3. Whenever one borrows facts, statistics, or other illustrative materials-unless the information is of such common knowledge so as not to be questioned.”

TENTATIVE LECTURE SCHEDULE

| Day | Reading | Topic | Lab |
|--------|---------|--|-----------------------------|
| Aug 25 | Ch 1 | History of A & P | Terminology/Homeostasis |
| Aug 27 | Ch 1 | Human Origins and Adaptations/Homeostasis | |
| Aug 29 | Ch 1 | Human Origins and Adaptations/Homeostasis | |
| Sep 1 | | **Labor Day-No Class** | **No Lab** |
| Sep 3 | Ch 3 | Cellular Form and Function | |
| Sep 5 | Ch 3 | Cellular Form and Function | |
| Sep 8 | Ch 3 | Cellular Form and Function | Histology part 1 |
| Sep 10 | Ch 5 | Histology | |
| Sep 12 | | Paper discussion | |
| Sep 15 | Ch 5 | Histology | Histology part 2 |
| Sep 17 | Ch 6 | Integumentary System | |
| Sep 19 | Ch 6 | Integumentary System | |
| Sep 22 | | **Exam 1** | **Lab Practical #1** |
| Sep 24 | Ch 7 | Bone Tissue | |
| Sep 26 | | Guest speaker – Dr. Radhika Atit of Case Western Reserve University | |
| Sep 29 | Ch 7 | Bone Tissue | Tour of WIL Research |
| Oct 1 | Ch 8 | Skeletal System: Skull | |
| Oct 3 | Ch 8 | Skeletal System: Skull | |
| Oct 6 | Ch 8 | Skeletal System: Spinal Column | Axial Skeleton/ |
| Oct 8 | Ch 8 | Skeletal System: Appendicular | Appendicular Skeleton |
| Oct 10 | Ch 8 | Skeletal System: Appendicular | |
| Oct 13 | Ch 9 | Joints | Appendicular Skeleton/ |
| Oct 15 | Ch 9 | Joints | Joints |
| Oct 17 | Ch 11 | Muscular Tissue | |
| Oct 20 | Ch 11 | Muscular Tissue | **Lab Practical #2** |
| Oct 22 | Ch 11 | Muscular Tissue | |
| Oct 24 | | Paper discussion | |
| Oct 27 | | **Exam 2** | Muscles |
| Oct 29 | Ch 10 | Muscular System | |
| Oct 31 | Ch 10 | Muscular System | |
| Nov 3 | Ch 12 | Nervous Tissue | Muscles/EMG |
| Nov 5 | Ch 12 | Nervous Tissue | |
| Nov 7 | Ch 12 | Nervous Tissue | |
| Nov 10 | Ch 13 | Spinal Cord and Spinal Nerves | Neuroanatomy |
| Nov 12 | Ch 13 | Spinal Cord and Spinal Nerves | |
| Nov 14 | | Muscle/Nervous system review | |

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| Nov 17 | | **Exam 3** | *Lab Practical #3** |
| Nov 19 | Ch 14 | Brain and Cranial Nerves | |
| Nov 21 | Ch 14 | Brain and Cranial Nerves | |
| Nov 24 | Ch 14 | Brain and Cranial Nerves | Brain anatomy/physiology |
| Nov 26 | | **Thanksgiving break – no class** | |
| Nov 28 | | **Thanksgiving break – no class** | |
| Dec 1 | Ch 15 | Autonomic Nervous System | Presentations |
| Dec 3 | Ch 15 | Autonomic Nervous System | |
| Dec 5 | | Paper discussion | |

FINAL EXAM: Monday, December 8th, 4-6 pm