

SYLLABUS FOR BIOLOGY 2401-005 (Synonym 14673)
Anatomy and Physiology I
SUMMER I SEMESTER 2004
Lecture: MTWThF 1:40 – 3:10 p.m., RVS 2242
Laboratory: MTWThF 12:00 – 1:30 p.m., RVS 2257

INSTRUCTOR: Samuel Tarsitano
RVS OFFICE: Room 2233, Riverside Campus, Building A
OFFICE PHONE: 223-6054 (please call ONLY during my office hours)
HOME PHONE: 558-4544
RVS fax: 223-6769
e-mail: starsita@austincc.edu; sam_tarsitano@yahoo.com
WEBSITE: use lecture, lab notes, practice essays, review sheets, and schedules at <http://www2.austincc.edu/klavalli>
OFFICE HOURS: F: 11:00 a.m. – 12:00 p.m. or by appointment

COURSE DESCRIPTION: BIOL 2401 Anatomy and Physiology I. An introduction to the structure and function of the human body with an emphasis on anatomy. Designed for students in the ACC health science programs. NOTE: This course may not transfer to other institutions. It is your responsibility to determine the requirements of the university or college to which you may wish to transfer.

PREREQUISITES: You must have passed the TASP or T-Compass reading and writing sections or be assessment-exempt or TASP-exempt. If you have not passed this test (scored a skill level of “5” or “E”), or are not exempt, you MUST drop this course. If you do not drop, you may be administratively dropped.

COURSE GOALS: To provide the information and skills you will need to complete subsequent courses. After completing this course you will be expected to have 1) a thorough knowledge of human anatomy, 2) a rudimentary knowledge and understanding of human physiology, and 3) improved your learning and problem-solving skills.

INSTRUCTIONAL METHODOLOGY: This course is taught in the classroom as a lecture/laboratory combination. During lectures, I will explain basic anatomical concepts and structures, and teach you methods and techniques to help you learn and remember the material. During the laboratory, you will have the opportunity to apply material from the lecture and text to models and tissues available for dissection.

REQUIRED TEXTS AND MATERIALS FOR LECTURE:

Human Anatomy and Physiology, 5th edition, by Elaine Marieb. 2001.

REQUIRED TEXTS AND MATERIALS FOR LAB:

Human Anatomy and Physiology Laboratory Manual, Cat Version, 7th edition, by Elaine Marieb. 2002.

Safety Glasses or Goggles (for those with contact lenses), ANSI Z87.1 rating, available at the bookstore (but excessively priced and not terribly effective) or at Home Depot/Lowe's (~\$3.00).

Optional but highly suggested: *The Anatomy Coloring Book* by Wynn Kapit & Lawrence Elson and *A Photographic Atlas for the Anatomy and Physiology Laboratory* by Kent M. van De Graff and John L. Crawley.

OTHER COURSE MATERIALS: Lecture outlines, lab objectives, practice short answers, review sheets, and schedules are available online at www2.austincc.edu/klavalli. The lecture outlines and labs are PDF files and will require that you download to your computer the free version of Adobe Acrobat Reader. These outlines/notes are NOT to substitute for actual attendance of lectures or labs, or for note-taking on your part.

COMMON COURSE OBJECTIVES: The biology department at ACC has developed common course objectives for BIO 2401. These are objectives that cover all the material that each instructor must cover. They can help you prepare for your lecture exams and should be examined by all students. You can access these on the web by going to:

<http://www2.austincc.edu/biology/ccobjectives> and clicking on Anatomy & Physiology I .

GRADES: Your final grade depends on the total number of points you accumulate from the following sources:

Lecture exams (4 at 100 pts each)	400 points
Lab grade (see your lab syllabus for details)	<u>300 points</u>
Total points for course	700 points

* This is a tentative point schedule and is dependent on assignments provided in laboratory.

Grading Scale: 90-100% = A; 80-89% = B; 70-79% = C; 60-69% = D; < 60% = F
Percentage scores will be rounded to the nearest whole number before a letter grade is assigned.

In this class, there are NO CURVED SCORES and NO SEPARATE EXTRA CREDIT projects. Your grade is based solely on the points that you earn in lecture and lab. Be sure to do all assignments, as they are designed to help you both understand the material better and improve your course score.

If you want to know your final grade before grades are available, you can bring a SASE to the last class or fill out a form allowing me to e-mail your final grade—otherwise I cannot email your grades to you even if you request that I do so. Due to ACC policies concerning the Family Privacy Act, I cannot post grades or call you with information about your grades.

LECTURE EXAMS: There will be four lecture exams, which are worth 100 points each. See the course outline for dates. Lecture exams are a combination of objective questions (multiple choice, true-false, matching), diagrams, and short answer questions. The chapters covered by each exam are indicated on the course outline, and the material is specified in the course lecture notes. There are no retests. Once you take an exam, you may not take it again to try for a better grade. All exams will be given on the days when they are scheduled in class unless the class and the instructor think that there is a valid reason for changing the date or location. Exams will be returned to you within one week.

MAKEUP LECTURE EXAMS: If you have missed the regularly scheduled lecture exam, for whatever reason, you may take a makeup exam. The format of the makeup exam is at the discretion of the instructor (usually multiple choice, fill-in-the-blanks, matching, diagrams and short answers). You must take a makeup exam within one week of the date on which the missed exam was scheduled. If you do not complete the makeup exam by the deadline, you will receive a grade of zero for that exam. Contact me as soon as possible if you miss an exam. Only **ONE** makeup exam will be given to any student during the semester for any reason.

LAB PRACTICALS: Lab practicals involve identification of the parts of models, diagrams, specimens, slides and equipment covered in lab. Spelling must be correct and writing must be

legible for full credit. If only one or two letters are wrong, you will get full credit unless the spelling mistake changes the meaning of the work (for example, misspelling *ilium* as *ileum*) or unless the word is very short (for example, *ulna*) or unless you combine two words (for example, *tibula*). Otherwise, you will receive either half credit or no credit for the misspelled word. I recommend that you use a pencil and have a good eraser with you when you take a practical. **There are no makeups for lab practicals.** If you miss a lab practical, your grade will be a zero for that practical. You must take all lab practicals—they all count towards your grade and no lab practical will be dropped. It is HIGHLY RECOMMENDED that you spend about 4-5 hours additional hours in open lab sessions and study labs to learn this material.

DISSECTION POINTS: We will be dissecting and identifying structures on cats, sheep brains, sheep eyes, sheep hearts and pig/sheep kidneys. You will earn dissection points for actively participating in the dissection and demonstrating to the instructor that you have learned the material. You will earn 0 dissection points if (1) you are not present during the applicable lab period, (2) you do not actively participate in dissecting or (3) you do not demonstrate knowledge of the material to the instructor. Dissection material will also be tested on lab practicals.

LAB ASSIGNMENTS: You will be given assignments (as handouts) to complete as lab homework before the applicable lab. Each lab exercise will be worth 5-10 points and is due at the **beginning** of the lab period. Late work will not be accepted for credit.

SAFETY: Health and safety are paramount values in science classrooms, laboratories and field activities. Students are expected to learn, understand and comply with environmental, health and safety (EHS) procedures and protocols, and must agree to abide by the ACC science safety policy. Students are expected to conduct themselves with appropriate professional behavior and with respect and courtesy to all. Anyone who thoughtlessly or intentionally jeopardizes the health or safety of another individual will be immediately dismissed from the day's activity, may be withdrawn from the class, and/or barred from attending all activities. Specific safety information for each activity will be discussed at the beginning of the activity. For those activities that require specific safety training, a student who is late and misses the safety training will not be able to participate in the activity. The safety training will occur during the third day of class—thus, **it is paramount that you be in attendance for the specified laboratory period.** The comprehensive science safety policy can be found at:

http://www.austincc.edu/sci_safe/.

If you violate a safety policy, I will withdraw you from the class as per department policy. The following safety policies are absolutely required: NO open-toed shoes on dissection days (you will be required to leave class if you come in with such shoes); NO eating or drinking in lab; NO food of any kind in lab; you **MUST** wear gloves and safety glasses when dissecting; if you come in shorts or a short skirt, you **MUST** wear an apron to cover yourself when dissecting; you **MUST** wash your hands after handling dissection specimens.

Students enrolled in laboratory and field courses are covered by student insurance if they are injured as a result of the lab or field activity. Procedures regarding student insurance will be covered in your safety training.

LAB CLEANUP: Failure to do the following things will result in points being deducted from your laboratory score. These are the things you need to do before leaving lab:

- 1) Put away all slides, microscopes, models, books, charts & specimens. Put the models back together and put them away.

- 2) When putting away microscopes:
 - a. turn off the microscope before unplugging the cord,
 - b. fold the electrical cord loosely and fasten with velcro strip,
 - c. put the lowest power objective in place,
 - d. remove any microscope slide and return it to its appropriate location,
 - e. put on the microscope cover,
 - f. return the microscope to its proper location in the cabinet.
- 3) Wash and dry dissecting equipment and put it away. Wash dissecting trays and pans and leave to dry on drying racks.
- 4) Discard dissected tissues in the designated biowaste container, not in the sink or regular trash can.
- 5) Discard preservative fluid in the designated container, not in the sink.
- 6) Wash off the lab bench if you have been dissecting.
- 7) Wash your hands before leaving lab.

ATTENDANCE: Your course performance depends on your attendance. Students who do not attend lecture and lab regularly rarely succeed. You are responsible for all materials, activities, assignments, or announcements covered in class, regardless of your reason for being absent. If you do miss a class, get lecture notes from someone in the class and get handouts and assignments from me. Plan on spending extra time in the study lab to make up missed labs.

WITHDRAWAL: If you want to drop the class, you are responsible for the paperwork. If you stop attending class and do not withdraw yourself from the course, you will end up with a grade of F for the semester. You should withdraw if you miss more than 2 classes or do not have a passing grade after completing 2 exams and 2 practicals. I do **NOT** withdraw students from the course. **The last day to withdraw for the semester is June 22, 2004.**

INCOMPLETE GRADES: Incomplete grades are rarely given in this class and will be given entirely at my discretion. A grade of incomplete (I) will be assigned only if:

- 1) you have a valid reason and I agree to give an incomplete grade,
- 2) you request a grade of I in writing, with written documentation,
- 3) you have completed more than 50% of the course work,
- 4) you have at least a C (70%) average on completed work, and
- 5) the reason for your request has occurred after the official drop deadline for the course,
- 6) you provide all documentation and sign the required form prior to the last day of class.

Be aware that incompletes that are not finished convert automatically to F grades, regardless of your class average when you request the incomplete. Once you receive an Incomplete grade, it will not be converted into a withdrawal.

EXPECTATIONS: I expect you to be prepared for each lecture and lab class and to participate in all class activities. You should expect to spend **at least** 2-3 hours outside of class for every hour spent in class to pass the course with a grade of C. More time may be needed to pass or to get a higher grade. You should also budget time to visit the study lab and/or open lab hours to review laboratory material. **This means you should be spending at least 12-20 hours per week outside of class studying lecture and lab material.** Make sure you have enough time to accomplish your goals.

TIMELY RETURN OF PAPERS: Graded exams will be returned within one week. Assignments will be returned within one week.

STUDENTS WITH DISABILITIES: Each ACC campus offers support services for students with documented physical or psychological disabilities. Students with disabilities must request reasonable accommodations through the Office of Students with Disabilities on the campus where they expect to take the majority of their classes. Students are encouraged to do this three weeks before the start of the semester.

Students who are requesting accommodation must provide the instructor with a letter of accommodation from the Office of Students with Disabilities (OSD) at the beginning of the semester. Accommodations can only be made after the instructor receives the letter of accommodation from OSD. If you have a medical condition that would require you to leave the room during the exam, you are responsible for arranging (either with me or OSD) to take the exam before the rest of the class takes it. Please see the staff in the Office for Students with Disabilities for more information.

SCHOLASTIC DISHONESTY: Acts prohibited by the college for which discipline may be administered include scholastic dishonesty, including but not limited to, cheating on an exam or quiz, plagiarizing, and unauthorized collaboration with another in preparing outside work. Academic work submitted by students shall be the result of their thought, research or self-expression. Academic work is defined as, but not limited to, tests, quizzes, whether taken electronically or on paper; projects, either individual or group; classroom presentations; and homework.

See the ACC Student Handbook for a full discussion of the college's scholastic dishonesty policy, which I will follow and enforce. If I observe cheating during an exam or practical, I will collect the exam(s) of the person(s) involved and ask him/her/them to leave the class. The consequences of cheating will be: 1) a grade of zero on the exam or practical with no opportunity for makeup, 2) all subsequent exams will be taken in the presence of a proctor or in an assigned seat and 3) the incident will be reported by the instructor to the Campus Dean of Student Services.

To avoid any problems that may arise from misunderstandings, you should follow these procedures during exams: 1) all personal belongings should be under your desk, 2) all books and notebooks should be closed with no loose papers visible, 3) you should keep your eyes on your own paper, 4) hats should be removed while taking exams, 5) no talking, 6) if you expect to need tissues or medications, get them out before the exam and leave them on your desk, and 7) keep your exam answer sheet covered so it is not visible to other students. You may not leave the room until you have finished the exam. If you leave the classroom while taking an exam, your paper will be taken up and graded as is.

ACADEMIC FREEDOM: Institutions of higher education are conducted for the common good. The common good depends upon a search for truth and upon free expression. In this course the professor and students shall strive to protect free inquiry and the open exchange of facts, ideas, and opinions. Students are free to take exception to views offered in this course and to reserve judgment about debatable issues. Grades will not be affected by personal views. With this freedom comes the responsibility of civility and a respect for a diversity of ideas and opinions. This means that students must take turns speaking, listen to others speak without interruption, and refrain from name-calling or other personal attacks.

BIO 2401 SUPPORT SERVICES AT RVS:

Study Lab: The laboratory room is NOT available for student use during the week. Limited hours for students to study slides and most of the models may be available in the Science Study Lab, located in room 2233 of Building A at Riverside's Campus (RVS). The study lab also has a variety of videotapes and other study materials available for your use. The study lab is usually open at

specific hours throughout the week. Study Lab hours will be posted outside of room 2233. Tutors are not usually available in the study lab. You cannot check out any materials from the study lab or from the regular lab room.

Weekend Hours: On Saturday and Sunday, study hours are usually available in RVS 2257 with an A&P I tutor. Hours will be posted outside the regular lab room, if available. Avail yourself of these hours whenever possible.

College-Wide A&P I Study Opportunities: Study times are usually available at CYP, PIN and RGC. A&P I students from any campus are welcome to attend any lab during study hours. These hours will be posted outside the regular lab rooms at the particular campus and on the website.

STUDENT SERVICES: Information about other services for students, such as financial aid, counseling and grade reports, can be found at:

Student Services Web Site: http://www.austincc.edu/resources_students/services.php
Student Handbook: <http://www.austincc.edu/handbook/>

INSTRUCTIONAL SERVICES: To find information about instructional services (such as libraries), go to: <http://www3.austincc.edu/evpcss/newsemester/pdfs2/studsvcs.pdf> or get a campus based student support overview at <http://www3.austincc.edu/evpcss/newsemester/pdfs2/sssover.pdf>

TESTING CENTER POLICY

ACC Testing Center policies can be found at: <http://www2.austincc.edu/testctr/>

HOW TO STUDY FOR THE LECTURE PART OF THIS COURSE:

1. PREPARE for lecture by
 - a) previewing the text,
 - b) taking notes from the text,
 - c) reviewing the material from the previous class, and
 - d) reviewing the related material from lab.
2. ATTEND every class. Take good class NOTES.
3. REVIEW your notes after class, circling or underlining material you need help with and filling in from the textbook. Review the class objectives and instructor lecture notes.
4. Make and use FLASH CARDS after each lecture. This class has an extraordinary amount of terms that will be completely unfamiliar to you. You will learn more new words in this course than you would in a language course, so plan to spend a great deal of time on learning the "language" of anatomy and physiology.
5. Ask me for HELP with anything that you didn't understand in class.
6. Form a STUDY GROUP with 2 or 3 other people.
7. Use COMPUTER TUTORIALS and VIDEOTAPES to review material. This is a good way to test yourself prior to an exam to know what materials you are still don't fully understand.
8. Complete all homework exercises. Then use these assignments to study for exams.

SUMMER 2004 TENTATIVE LECTURE SCHEDULE LECTURE SCHEDULE

Date	Topic	Reading
May 24	Introduction to Course; Questions Organization of Human Body	Syllabus Chapter 1
May 25	Organization of Human Body (cont.) Basic Chemistry	Chapter 1 Chapter 2

May 26	Basic Chemistry (cont.)	Chapter 2
	Cells	Chapter 3
May 27	Tissues	Chapter 4
May 28	Integument and Membranes	Chapter 5
May 31	HOLIDAY – NO CLASS	
Jun 1	Exam 1	Chapters 1-5
Jun 2	Skeletal System	Chapter 6-7
Jun 3	Joints	Chapter 8
Jun 4	Muscular System	Chapter 9-10
Jun 7	Exam 2	Chapters 6-10
Jun 8	Nervous System	Chapter 11
Jun 9	Nervous System - CNS	Chapter 12
Jun 10	Nervous System - PNS	Chapter 13
Jun 11	Nervous System - ANS	Chapter 14
Jun 14	Sensory Structures – Olfaction/Taste	Chapter 16
Jun 15	Sensory Structures – Eye, Ear	Chapter 16
Jun 16	Endocrine Organs	Chapter 17
Jun 17	Blood	Chapter 18
Jun 18	Cardiovascular System - Heart	Chapter 19
Jun 21	Exam 3	Chapters 11-17
Jun 22	Cardiovascular System - Vessels	Chapter 20
Jun 22	LAST DAY TO WITHDRAW	
Jun 23	Lymphatic	Chapter 21
Jun 24	Respiratory System	Chapter 23
Jun 25	Digestive System	Chapter 24
Jun 28	Urinary System	Chapter 26
Jun 29	Male & Female Reproductive System	Chapter 28
Jun 30	Exam 4	Chapters 18-28

ADDITIONAL INFORMATION FOR BIOLOGY 2401 LAB
Anatomy and Physiology I
SUMMER I SEMESTER 2004
Section (Synonym 14672), MTWThF 12:00–1:30 p.m., RVS 2257

A&P I Lab is a **self-directed, hands-on** learning activity. All of the materials you need to complete the lab will be supplied. You are expected to prepare before coming to lab and will be responsible for pacing yourself to complete the objectives in the time allotted. I will act as a resource person, not a tutor. Please note: material covered in lab often differs from material covered in lecture.

REQUIRED TEXTS AND MATERIALS: For every lab, you should bring:

- 1) **Human Anatomy and Physiology Laboratory Manual**, 7th edition, Cat Version, by Elaine Marieb. 2002. Benjamin/Cummings.
- 2) **Safety glasses or goggles** (if you wear contact lenses). Available at ACC Bookstore, Home Depot or Lowe's. ANSI Z87.1 rating is required.
- 3) **Basic dissecting kit**. Available at the ACC Bookstore. (Need one per group) – recommended but NOT required.
- 4) **Set of colored pencils** – recommended, but NOT required.

How to prepare for lab: read the lab exercise and objectives, make a checklist of steps that must be completed, review the textbook and class notes, and look up any terms you don't understand. After lab is over, fill out the review sheets at the back of the lab manual. Here are some suggestions on how to organize your lab work:

1. Read over the lab objectives and the pertinent parts of the lab exercise before coming to lab.
2. Make a checklist of steps that must be completed.
3. Review the textbook, lecture outline and your lecture notes.
4. Look up any terms you don't understand.
5. Use your lab time wisely. If you finish the objectives for a particular day before class time is over, use the rest of the lab period to review earlier objectives or work ahead rather than leaving lab early.
6. After lab is over, fill out the review sheets at the back of the lab manual.

OBJECTIVES: You will receive lab objectives for each unit, itemized by lab exercise.

OPEN LAB: During the week, the A&P I study lab (RVS 2233) is available to allow you extra time to complete your lab objectives. Specific hours will be announced. For most students, the time spent in open lab is rewarded by better grades and understanding of the lab objectives. There are also other study opportunities with an A&P tutor on Saturday and Sunday in RVS room 2257 and at other campuses; these times will be posted on the course website.

LAB PRACTICALS: Lab practicals involve identification of the parts of models, diagrams, specimens, slides and equipment covered in lab. Spelling must be correct and writing must be legible for full credit. Further instructions will be provided in lab. You will have five lab practicals during the semester. **There are NO make-ups for lab practicals. If you miss a lab practical, your grade will be zero (0).**

SET-UP FOR LAB PRACTICALS: The lab room is in continuous use throughout the day. The instructor will set up the lab practical during the first 30-35 minutes of our lab period. You (and the rest of the students) will then take the practical during the remaining time of class. As a general rule, lab practicals are timed. This means you will have a specified time at each station to answer the questions at each station. If you are late and we have already started the practical, you

will not be allowed to take the practical. Please note: for your immediate feedback, I will try to review the correct answers to the lab practical as the practical is taken down before the beginning of the next class.

DISSECTION POINTS: In this lab, we will be dissecting and identifying structures on cats, sheep brains, sheep eyes and hearts. You will earn dissection points for actively participating in the dissection and demonstrating to the instructor that you have learned the material. You will earn 0 dissection points if (1) you are not present during the applicable lab period, (2) you do not actively participate in dissecting or (3) you do not demonstrate knowledge of the material to the instructor. Dissection material can also be tested on lab practicals.

LAB EXERCISES: You will be given lab exercises to complete as homework before the applicable lab. Each lab exercise will be worth 5-10 points and are due at the **beginning** of lab. Late work will not be accepted for credit. You must wear closed-toed shoes and safety glasses or safety goggles on dissection days. Otherwise, you will not be able to attend the lab and you will not earn the dissection points.

LAB GRADE: Your lab grade will consist of the following points:

5 lab practicals @ 50 points each	250 points
Dissection points	70 points
Lab exercises	<u>30 points</u>
Total Lab Points	350 points

Dissection points are earned for the following dissections:

- Cat muscle dissection = 15 points
- Sheep brain dissection = 10 points
- Sheep eye dissection = 10 points
- Sheep heart dissect = 10 points
- Sheep or pig kidney dissection = 10 points
- Cat organ dissection = 15 points

Lab Exercises (coloring):

- Skull diagrams = 5 points
- Cat Muscles = 5 points
- Blood vessels of the heart = 5 points
- Circle of Willis diagram = 5 points
- Hepatic Portal system diagrams = 5 points
- Nephron diagram = 5 points

In this lab, your grade will consist of these points **less** any points deducted for cleanup or safety problems. Your lab grade is part of your course grade.

SAFETY. Pay attention to safety procedures: General procedures include:

- 1) No eating or drinking in the lab. Do not bring food into the lab.
- 2) Handle the dissecting instruments carefully and responsibly.
- 3) Wear closed toed shoes and be fully clothed on dissection days.
- 4) Remember to bring your safety goggles to class on dissection days.
- 4) Wash your hands before leaving lab.
- 5) Pay attention to your personal safety and the safety of other people in the lab.

CLEANUP: Each person must clean up his/her workspace before leaving. If you do not clean up thoroughly, I will deduct points from your total lab grade. If, at the end of lab, the whole room is a mess and/or if the models are not put together, I will deduct points from everyone's grade. These are the things you need to do before leaving lab:

- 1) Put away all slides, microscopes, models, books, charts & specimens. Put models together.
- 2) Wash and dry dissecting equipment and pans.
- 3) Discard dissected tissues in the trashcan, not the sink.
- 4) Wash off the lab bench if you have been dissecting and thoroughly wash your hands.

HISTOLOGY WEB SITE: There is a web site at ACC designed to help BIOL 2401 students study histology and to supplement the lab time. This web site and the CD-ROM that comes with your lab manual can help you learn to identify the microscope slides on which some of the lab objectives are based. Histology is a difficult area for many students; use these study aids to review microscope slides outside of class time. The url is:

www2.austin.cc.tx.us/histologyhelp

BIOLOGY 2401 HUMAN ANATOMY & PHYSIOLOGY I
SPRING 2004, SECTION 005
LAB SCHEDULE: MTWThF 12:00 – 1:30 p.m.

DATE	LAB EXERCISE	LAB TOPIC
May 24	1 2	The Language of Anatomy Organ System Overview
May 25	3 4	The Microscope The Cell—Anatomy & Division
May 26	6	Safety Training – Mandatory!!!!!! Classification of Tissues
May 27	6 7-8	Classification of Tissues Integumentary System
May 28	PRACTICAL 1	LABS 1-8
May 31	HOLIDAY – NO CLASS	
Jun 1	9; <i>skull diagram due</i> 10	Overview of Skeleton The Axial Skeleton
Jun 2	11 12	The Appendicular Skeleton Fetal Skull
Jun 3	13 14	Articulations Skeletal Muscle
Jun 4	15 16; <i>cat diagrams due</i>	Muscular System <i>Cat Muscle Dissection</i>
Jun 4	PRACTICAL 2	LABS 9-16
Jun 7	17 19	Nervous Tissue Brain and Cranial Nerves
Jun 8		<i>Sheep Brain Dissection</i>
Jun 9	21	Spinal Cord, Spinal Nerves, ANS
Jun 10	24	Vision: <i>Eye Dissection</i>
Jun 11	PRACTICAL 3	LABS 17-24
Jun 14	25	Hearing & Equilibrium
Jun 15	27	Endocrine Glands
Jun 16	29; <i>blood vessel diagrams due</i>	Blood
Jun 17	30; <i>circle of Willis diagram due</i>	Heart; <i>Heart Dissection</i>
Jun 18	PRACTICAL 4	LABS 25-30
Jun 21	32; <i>hepatic portal syst. diagram due</i>	Blood Vessels
Jun 22	35	Lymphatic System
Jun 22	FINAL DAY TO WITHDRAW	
Jun 23	36	Respiratory System
Jun 24	38	Digestive System
Jun 25	40; <i>nephron diagram due</i>	Urinary System: <i>Kidney Dissection</i>
Jun 27		<i>Cat Organ Dissection</i>
Jun 28	42	Male Reproductive System
Jun 29	42	Female Reproductive System
Jun 30	PRACTICAL 5	LABS 32-42

On dissection days, you must wear closed-toed shoes, safety goggles, gloves, and preferably long skirts or long pants.

COURSE GRADES

Name: _____

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Lecture Exam Scores:

Exam 1 _____/100

Exam 3 _____/100

Exam 2 _____/100

Exam 4 _____/100

Lab Grades: _____/350 points

5 lab practicals @ 50 points each	250 points
Dissection points	70 points
Lab exercises	<u>30 points</u>
Total Lab Points	350 points

Dissection points that could be earned for the following dissections:

- Cat muscle dissection = 15 points
- Sheep brain dissection = 10 points
- Sheep eye dissection = 10 points
- Sheep heart dissect = 10 points
- Sheep or pig kidney dissection = 10 points
- Cat organ dissection = 15 points

Lab Exercises (coloring):

- Skull diagrams = 5 points
- Cat Muscles = 5 points
- Blood vessels of the heart = 5 points
- Circle of Willis diagram = 5 points
- Hepatic Portal system diagrams = 5 points
- Nephron diagram = 5 points

TOTAL POINTS: _____ pts / 750 possible

Overall Percentage: _____%

Course Grade _____

STUDENT INFORMATION SHEET
BIOL 2401, ANATOMY & PHYSIOLOGY I
SUMMER 2004
Section 005 (MTWThF)

By completing this form, I acknowledge that I have received a course syllabus and that I understand the course policies, requirements and procedures as presented in the syllabus.

NAME _____ Nickname: _____

STUDENT ID # or SSN: _____

ADDRESS _____ CITY _____ ZIP _____

PHONE - Home: _____
Work: _____ (if okay to call)
Other: _____

e-mail Address: _____ **(Please PRINT carefully!)**

How many hours per week do you work? _____ hours/week

How many hours are you taking this semester? _____ credit hours

How many hours per week can you commit to studying for this class? _____ hours

Why are you taking this class? _____

Degree or certificate you are working toward: _____

Have you taken Medical Terminology? _____ Yes _____ No
(If no, we strongly recommend that you take Medical Terminology either before or during this class. Students who do this have a higher success rate in A&P I.)

Is there anything about your educational background, work situation, future plans, etc., that I should know in order to help you succeed in this class?