CATALOG COURSE DESCRIPTION:
A systems approach to the study of the structure of the human body from the microscopic level of organization to the gross level. Structure related to function from study of histological slides, photomicrographs, anatomical models and charts, and preserved mammalian (cat) dissection. Intended to meet the requirements of students in the fields of nursing, psychology, physical education and biology or those who wish to extend their knowledge of the human body beyond the scope of introductory biology. Transfer Credit: CSU; UC.

COURSE OBJECTIVES (Student Learning Outcomes):
Upon successful completion of Human Anatomy, the student will be able to:
1. Recognize and demonstrate adequate knowledge of the tissue makeup of the body's organs including the ability to identify microscopic slides of human and animal tissue.
2. Recognize and demonstrate adequate knowledge of the organ makeup of the body's organ systems including the ability to relate anatomy to the general function of the organ systems.
3. Recognize the positions and discuss the relationship of the organs and parts of his/her own body, a human cadaver, and a representative other mammal.
4. Demonstrate skills in dissection and recognize relationships of tissues, organs, and systems in an animal the student has dissected.
5. Use the titles of standard references of anatomy and the basic terminology of anatomy.

Required Materials
Syllabus for Biology 230. (from Mira Mesa Copy Shop)

Optional Materials:
Mastering Anatomy and Physiology online resources. http://www.pearsoncustom.com/ca/sdmc_aandp/
The Anatomy Coloring Book, by Elson and Kapit
Color Atlas of Human Anatomy by R.M. McMinn and Hutchings
Laboratory Manual for Human Anatomy with Cat dissections, by Marieb

Method of Instruction
2 hours of lecture and 6 hours of laboratory a week.

Attendance
Required. Four (4) unexcused absences may cause a drop from the class. Note: You are responsible for processing your own drop.

NONATTENDANCE/FIRST CLASS
Students who do not attend the first class meeting will be dropped. Students, who cannot attend because of illness, religious observation, or a serious problem, should notify the instructor before the first class meeting. Students who miss the first class meeting and do not plan to attend must log-on to Reg-e to drop the class to avoid receiving an "F" grade.
IT IS THE STUDENT'S RESPONSIBILITY TO DROP BY THE PUBLISHED DEADLINES.

Special Notes for Anatomy: Remember nothing worthwhile comes easy. More than other introductory biological sciences, the study of anatomy requires even the advanced students to spend time studying. This course has a great deal of material to memorize and understand. There are no short cuts for this course; it takes your effort to be successful. This course in Anatomy is challenging. If you need to get an A or B grade – you must make sure you earn it. Grading is not based on your career goals, but on class and exam performance. If you are not able to get the grade of your desire investigate other alternative professional tracts.

Laboratory Working in this laboratory requires your participation. You need to look for, and study the required models and slides yourself. You may draw or photograph models if desired. You have to put in the effort. You must put items where they
belong when done with them. If you do not, the lab will become a mess and no one will be able to find things.

**Time Management Estimate**

<table>
<thead>
<tr>
<th>Activity</th>
<th>Hours</th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>Class Time</td>
<td>4 X 2</td>
<td>8 / wk</td>
</tr>
<tr>
<td>Study Time</td>
<td>3 X 8</td>
<td>24</td>
</tr>
<tr>
<td>Sleeping</td>
<td>8 X 7</td>
<td>56</td>
</tr>
<tr>
<td>Meals + Shopping</td>
<td>4 X 7</td>
<td>28</td>
</tr>
<tr>
<td>Commuting</td>
<td>1 X 4</td>
<td>04</td>
</tr>
<tr>
<td>Personal hygiene (minimum)</td>
<td>1 X 7</td>
<td>07</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td>127</td>
</tr>
</tbody>
</table>

Spare time and time for other courses = < 6 hours / day

See this video about nursing school time management: [http://youtu.be/iMDZ6oHBwEo](http://youtu.be/iMDZ6oHBwEo)

"Failure to prepare is preparing to fail" - John Wooden

**NO MAKEUPS!** No given without prior arrangement. A missed exam is counted as a 0. All arranged makeup tests are penalized 10% of the amount possible. I can be notified by calling 619-388-7495 or 858-876-BIOL (for text) or by email.

**Instructor contact information:**
Office: Science Building S6-115h
email: dtrubovi@sdccd.edu
Office Phone: 619-388-7495
Anatomy site: [http://faculty.sdmiramar.edu/dtrubovitz/anatomy](http://faculty.sdmiramar.edu/dtrubovitz/anatomy)

**Grading**

<table>
<thead>
<tr>
<th>Grade</th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>90 - 1100</td>
</tr>
<tr>
<td>B</td>
<td>80 - 989</td>
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<tr>
<td>C</td>
<td>70 - 779</td>
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<tr>
<td>D</td>
<td>60 - 679</td>
</tr>
<tr>
<td>F</td>
<td>&lt; 660</td>
</tr>
</tbody>
</table>

Lecture exams are inclusive of lecture material and some corresponding laboratory material. Laboratory exams are identification from diagrams, models and microscopes slides. Use notes and text for lecture exams. Use laboratory text for lab exams. Grades for each exam are based on your percentage correct.

All phones must be silenced during exams. If a restroom break is needed during an exam you must leave any phone on instructors desk while out of classroom.

**Accommodating Students with Disabilities:**
The course design has made every effort to make this course accessible to all students, including students with disabilities. If you encounter a problem accessing anything in this course, please contact me immediately by email and/or also contact the college’s Disability Support Programs and Services (DSPS) Office.

Students with disabilities who may need academic accommodations should notify the professor within the first two weeks of instruction. All information will be kept confidential.

Laboratory exams are timed exams and special accommodations for time are not possible.

For more information, you may contact the DSPS Office on your campus or the website at [http://dspo.sdccd.edu/](http://dspo.sdccd.edu/)