BIOLOGY 1108
HUMAN BIOLOGY LABORATORY

Dr. Michael Dixon
michael.dixon@angelo.edu
325-486-6636
Cavness 101A

Office Hours: Monday 11 – 12, Tuesday 9 – 11, Wednesday 11 – 12, Thursday 9 – 11.

Course Information

Course Description
An introductory owner’s manual to the human body for nonbiology majors. Includes fundamentals of human anatomy and the functions of the major systems of the body, contemporary health issues, human heredity, and human evolution.

Prerequisite and Co-requisite Courses
Co-registration for Biology 1108 is suggested.

Prerequisite Skills
Accessing Internet websites and using Blackboard are expectations of BIO 1108 Human Biology Lab.

Student Learning Outcomes
The objective of the study of a natural sciences component of a core curriculum is to focus on describing, explaining, and predicting natural phenomena using the scientific method. Courses involve the understanding of interactions among natural phenomena and the implications of scientific principles on the physical world and on human experiences.

The SLO’s for this course and the associated activities include:

- Critical Thinking
  - (CT1) Students will gather, analyze, interpret and evaluate data.
    - Students will conduct experiments in the lab, gather data and then analyze their results.
• Communication
  o (CS1) Students will communicate information via written means on lab activities and projects.
    ▪ Students will conduct lab experiments and communicate their findings in writing to each other and their instructor
• Empirical & Quantitative Skills
  o (EQS1) Students will collect and analyze quantitative data.
    ▪ Students will take measurements as part of a lab experiment. They will analyze their data and generate conclusions.
  o (EQS2) Students will make observations to test a hypothesis and generate conclusions based on their observations.
    ▪ Students will make directed observations, gather data and then analyze their results
• Teamwork
  o (TW2) Students will work together on applied learning activities and collaborate with one another to support course goals.
    ▪ Students will conduct experiments in the lab in groups, gather data and then analyze their shared results

Course Delivery
This is a face-to-face course with learning resources and quizzes posted in Blackboard.

Required Texts and Materials
Students must have access to *Human Biology* by Mader & Windelspecht, 16th Ed. A copy of the textbook will be available to students in the library.

Technology Requirements
To successfully complete this course, students need to access to Blackboard.

Grading

Evaluation and Grades
Course grades will be determined as follows:

Each lab is worth 100 possible points each (1,100 points total). Points will be earned in various ways including pre-lab quizzes and homework, individual and group activities during lab, and post-lab quizzes.

The last week of the semester we will meet for the "Ultimate Lab". Activities and assignments that week plus some activities assigned earlier in the semester will add up to 100 possible points. We will use your total "Ultimate Lab" score to replace your lowest score of the first 11 labs.

Your lab grade is an average of the points earned in all labs.
More details are available in Blackboard

**Grading System**
Course grades will be dependent upon completing course requirements and meeting the student learning outcomes.

The following grading scale is in use for this course:
- **A** = 90.00-100 points
- **B** = 80.00-89.99 points
- **C** = 70.00-79.99 points
- **D** = 60.00-69.99 points
- **F** = 0-59.99 points (Grades are not rounded up)

**Assignment and Activity Descriptions**
All details are available in the orientation are of Blackboard.

**General Policies Related to This Course**
All students are required to follow the policies and procedures presented in these documents:

- [Angelo State University Student Handbook](#)
- [Angelo State University Catalog](#)

**Academic Integrity**
Students are expected to maintain complete honesty and integrity in all work. Any student found guilty of any form of dishonesty in academic work is subject of disciplinary action and possible expulsion from ASU.

The College of Science and Engineering adheres to the university’s Statement of Academic Integrity.

**Accommodations for Students with Disabilities**
ASU is committed to the principle that no qualified individual with a disability shall, on the basis of disability, be excluded from participation in or be denied the benefits of the services, programs or activities of the university, or be subjected to discrimination by the university, as provided by the Americans with Disabilities Act of 1990 (ADA), the Americans with Disabilities Act Amendments of 2008 (ADAAA) and subsequent legislation.
Student Disability Services is located in the Office of Student Affairs, and is the designated campus department charged with the responsibility of reviewing and authorizing requests for reasonable accommodations based on a disability. It is the student’s responsibility to initiate such a request by contacting an employee of the Office of Student Affairs, in the Houston Harte University Center, Room 112, or contacting the department via email at ADA@angelo.edu. For more information about the application process and requirements, visit the Student Disability Services website. The employee charged with the responsibility of reviewing and authorizing accommodation requests is:

Dallas Swafford  
Director of Student Disability Services  
Office of Student Affairs  
325-942-2047  
dallas.swafford@angelo.edu  
Houston Harte University Center, Room 112

**Incomplete Grade Policy**

It is policy that incomplete grades be reserved for student illness or personal misfortune. Please contact faculty if you have serious illness or a personal misfortune that would keep you from completing course work. Documentation may be required. See ASU Operating Policy 10.11 Grading Procedures for more information.

**Plagiarism**

Plagiarism is a serious topic covered in ASU’s Academic Integrity policy in the Student Handbook. Plagiarism is the action or practice of taking someone else’s work, idea, etc., and passing it off as one’s own. Plagiarism is literary theft.

In your discussions and/or your papers, it is unacceptable to copy word-for-word without quotation marks and the source of the quotation. It is expected that you will summarize or paraphrase ideas giving appropriate credit to the source both in the body of your paper and the reference list.

Papers are subject to be evaluated for originality. Resources to help you understand this policy better are available at the ASU Writing Center.

**Student Absence for Observance of Religious Holy Days**

A student who intends to observe a religious holy day should make that intention known in writing to the instructor prior to the absence. See ASU Operating Policy 10.19 Student Absence for Observance of Religious Holy Day for more information.
**Title IX Statement**

Angelo State University is committed to the safety and security of all students. If you or someone you know experience sexual harassment, sexual assault, domestic or dating violence, stalking, or discrimination, you may contact ASU’s Title IX Coordinator:

Michelle Boone  
Director of Title IX Compliance  
Office of Student Affairs  
325-486-6357  
michelle.boone@angelo.edu

**Course Schedule**

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<tr>
<th>Week</th>
<th>Dates</th>
<th>Activities</th>
<th>Homework</th>
<th>Other</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>Aug 17 - 21</td>
<td>Introduction</td>
<td>None</td>
<td>Rules quiz before Lab 1</td>
</tr>
<tr>
<td>2</td>
<td>Aug 24 - 28</td>
<td>Lab 1</td>
<td>Prelab Quiz</td>
<td>Due before start of lab</td>
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<tr>
<td>3</td>
<td>Aug 31 – Sep 4</td>
<td>Lab 2</td>
<td>Prelab Quiz</td>
<td>Due before start of lab</td>
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<tr>
<td>4</td>
<td>Sep 7 – 11</td>
<td>NO LABS</td>
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<tr>
<td>5</td>
<td>Sep 14 – 18</td>
<td>Lab 3</td>
<td>Prelab Quiz</td>
<td>Due before start of lab</td>
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<tr>
<td>6</td>
<td>Sep 21 – 25</td>
<td>Lab 4</td>
<td>Prelab Quiz &amp; Restaurant Assignment</td>
<td>Due before start of lab</td>
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<tr>
<td>7</td>
<td>Sep 28 - Oct 2</td>
<td>Lab 5</td>
<td>Prelab Quiz</td>
<td>Due before start of lab</td>
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<td>8</td>
<td>Oct 5 – 9</td>
<td>Lab 6</td>
<td>Prelab Quiz</td>
<td>Due before start of lab</td>
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<tr>
<td>9</td>
<td>Oct 12 – 16</td>
<td>Lab 7</td>
<td>Prelab Quiz</td>
<td>Due before start of lab</td>
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<td>10</td>
<td>Oct 19 – 23</td>
<td>Lab 8</td>
<td>Prelab Quiz</td>
<td>Due before start of lab</td>
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<td>11</td>
<td>Oct 26 - 30</td>
<td>Lab 9</td>
<td>Prelab Quiz</td>
<td>Due before start of lab</td>
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<td>12</td>
<td>Nov 2 – 6</td>
<td>Lab 10</td>
<td>Prelab Quiz</td>
<td>Due before start of lab</td>
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<td>13</td>
<td>Nov 9 – 12</td>
<td>Lab 11</td>
<td>Prelab Quiz</td>
<td>Due before start of lab</td>
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<tr>
<td>14</td>
<td>Nov 16 – 20</td>
<td>Ultimate Lab</td>
<td>Make A Difference Activity</td>
<td>Optional Due at start of lab</td>
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