BISC 103 – Syllabus – Spring 2018

Each class will be divided into two groups (Red & Blue). Everyone must come to labs that are designated “All.” Otherwise, come to the labs that are designated with your group color (Red or Blue). Labs run Tues., Wed. and Thurs.

<table>
<thead>
<tr>
<th>LAB #</th>
<th>TEAM</th>
<th>DATE</th>
<th>LAB TOPIC</th>
<th>ASSIGNED WORK</th>
</tr>
</thead>
<tbody>
<tr>
<td>LAB 1</td>
<td>All Teams</td>
<td>Jan. 23-25</td>
<td>NO LABS</td>
<td></td>
</tr>
<tr>
<td>LAB 2</td>
<td>Red teams</td>
<td>Feb. 6-8</td>
<td>Osmosis experiment</td>
<td>Clicker Quiz 1 (10 pts) Lab 2 Hand In (30 pts)</td>
</tr>
<tr>
<td></td>
<td>Blue teams</td>
<td>Feb. 13-15</td>
<td>Osmosis experiment</td>
<td>Clicker Quiz 1 (10 pts) Lab 2 Hand In (30 pts)</td>
</tr>
<tr>
<td>LAB 3</td>
<td>Red teams</td>
<td>Feb. 20-22</td>
<td>Digestive System</td>
<td>Clicker Quiz 2 (10 pts) Lab 3 Hand In (25 pts)</td>
</tr>
<tr>
<td></td>
<td>Blue teams</td>
<td>Feb. 27-Mar. 1</td>
<td>Digestive System</td>
<td>Clicker Quiz 2 (10 pts) Lab 3 Hand In (25 pts)</td>
</tr>
<tr>
<td>LAB 4</td>
<td>All Teams</td>
<td>Mar. 6-8</td>
<td>Chromosomes and Karyotyping Genes and Alleles</td>
<td>Clicker Quiz 3 (10 pts) Lab 4-1 Hand In (35 pts) Karyotyping Homework (10 pts)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Mar. 13-15</td>
<td>NO LABS – SPRING BREAK</td>
<td></td>
</tr>
<tr>
<td>LAB 5</td>
<td>All Teams</td>
<td>Mar. 20-22</td>
<td>Human genetics “How many CATs” simulation</td>
<td>Clicker Quiz 4 (10 pts) Lab 5-1 &amp; 2 Hand In (45 pts)</td>
</tr>
<tr>
<td>LAB 6</td>
<td>Red teams</td>
<td>Mar. 27-29</td>
<td>Restriction Mapping of DNA Preparation of presentations</td>
<td>Clicker Quiz 5 (10 pts) Lab 6 Hand In (15 pts)</td>
</tr>
<tr>
<td></td>
<td>Blue teams</td>
<td>Apr. 3-5</td>
<td>Restriction Mapping of DNA Preparation of presentations</td>
<td>Clicker Quiz 5 (10 pts) Lab 6 Hand In (15 pts)</td>
</tr>
<tr>
<td>LAB 7</td>
<td>Red Teams</td>
<td>Apr. 10-12</td>
<td>STDs &amp; Contraception</td>
<td>Clicker Quiz 6 (10 pts) Lab 7 Hand In (20 pts) Presentation Outline Due (19 pts)</td>
</tr>
<tr>
<td></td>
<td>Blue Teams</td>
<td>Apr. 17-19</td>
<td>STDs &amp; Contraception</td>
<td>Clicker Quiz 6 (10 pts) Lab 7 Hand In (20 pts) Presentation Outline Due (19 pts)</td>
</tr>
<tr>
<td>LAB 8</td>
<td>All Teams</td>
<td>Apr. 24-26</td>
<td>Excretion &amp; Urinalysis</td>
<td>Clicker Quiz 7 (10 pts) Lab 8 Hand In (20 pts)</td>
</tr>
<tr>
<td>LAB 9</td>
<td>All Teams</td>
<td>May 1-3</td>
<td>Presentations</td>
<td>Student Presentations (76 pts)</td>
</tr>
</tbody>
</table>

Teaching Assistant:
- Email:
- Office:
- Office Hours:

Coordinator of Laboratory Programs: Dr. Denis Goulet
- Office: Shoemaker 204
- Office Hours: By appointment
- Email: dgoulet@olemiss.edu
- Phone: (662) 915-7213
Learning Objectives for the lab
1. Students will have an understanding of the structure and function of organ systems and bodily functions.
2. Students will have an understanding of human health in the context of biological principles.
3. Students will understand several aspects of scientific methods including hypothesis testing and the use of models. Students will be able to use that understanding in addressing topics of current interest.
4. Students will be able to do an effective oral presentation.

Policies that will be STRICTLY ENFORCED
1. NO EXCUSES will be accepted for not having a lab manual for the class. No manual = Zero (0) for lab.
2. NO EXCUSES will be accepted for not having a clicker. No Clicker = Zero (0) on Quiz.
3. Only a VALID excuse will be considered for a possible make up.
4. Attending a different lab WITHOUT PERMISSION will result in a Zero (0) for the lab.
5. One (1) week after grades are posted, GRADES ARE FINAL and no changes will be made.
6. Final grades are FINAL. NO extra credit, bonus, drop grade, curving, rounding, etc.

Lab Manual Policy – STRICTLY ENFORCED
A. Students must have a lab manual.
B. Students must bring their lab manual to each lab. Failure to bring the lab manual will result in a Zero (0) for the lab. Photocopies of lab worksheets will not be provided.
C. NO EXCUSES will be accepted for not having a lab worksheet to complete in the lab.
D. If your lab manual is lost, stolen, or has disappeared, you will need to purchase a new lab manual.

Clicker Policy – STRICTLY ENFORCED
A. Students must have a Turning Technologies ResponseCard NXT, QT or QT2 clicker. If you have the same clicker from another course, you may use the same clicker. If you are having difficulty getting a clicker, contact Dr. Goulet before your class begins.
B. You are responsible for the following:
   1. Bringing your clicker to every lab. NO excuses (forgot, lost, stolen, can’t afford, etc.) will be accepted for not having a clicker. No Clicker = Zero (0) on Quiz.
   2. Your clicker must be registered in your Turning Account. If you do not register your clicker, you will NOT receive a grade (i.e. your grade = Zero (0)).
   3. That your clicker is operating, including having enough battery power for an entire class. Running out of battery power is NOT considered a malfunction. If you clicker is not in operating order, you will receive a zero (0) for that assignment. If your clicker malfunctions during an assignment, you must let your TA know immediately, and an accommodation can be provided.
   4. That your UM username is correct inside your clicker. If your UM username is incorrect, no grade will be assigned to you and you will receive a zero (0) for the quiz.
   5. That you use ONLY the clicker that is registered with this class. If you change your clicker, you must inform the TA BEFORE taking the test. Using a different unregistered clicker will be result in a zero (0) for the quiz.
   6. That you are on the correct channel. If you are on the wrong channel your grade will be very low, often zero (0). The grade recorded by the software for your class is the grade you will receive.
C. All grades associated with clicker assignments will ONLY be determined from the clicker responses entered and are FINAL.
D. You have 1 week after clicker grades are posted on Blackboard to discuss any issues. (See Grading Policy)
Attendance Policy
A. Attendance is required and may be recorded each day of class.
B. Students must attend the first lab meeting for the section that they are registered in, unless they obtain prior approval.
C. Students that do not attend the first lab meeting will be dropped from the course.
D. To comply with attendance verification requirements, a report of your attendance will be made during the first lab meeting.
E. It is the responsibility of the student to comply with the class attendance policies and complete assignments, including those that involve out-of-class or online participation.
F. Students are responsible for informing instructors in advance about anticipated absences.

Missed Lab/Assignment Policy – STRICTLY ENFORCED
A. Only students with a VALID excuse (Doctors note, University paperwork, Funeral program, etc.) will be considered for a possible make up.
B. Once a lab is completed, it is not possible to make up the lab, even if you have a valid absence.
C. If you miss a lab/assignment for any reason, you must contact Dr. Goulet (dgoulet@olemiss.edu) immediately.
D. Make-ups can ONLY be arranged by getting permission from Dr. Goulet (dgoulet@olemiss.edu).
E. When requesting permission, you MUST send an email to dgoulet@olemiss.edu with the following information:
   1. your TA’s name
   2. your Lab section
   3. copy of your valid excuse (photo, pdf, etc.)
F. Attending a different lab without prior permission from Dr. Goulet will result in being asked to leave the room and a zero (0) for the lab.
G. Failure to contact Dr. Goulet about missed labs or assignments will result in a zero (0) for a grade. (See Grading Policy)

Grading Policy – STRICTLY ENFORCED
A. All grades will be posted on Blackboard.
B. You are responsible for checking your grade on Blackboard weekly.
C. You have 1 week after grades are posted on Blackboard to discuss any issues.
D. After 1 week all grades are final. There will be no grade changes for any reason.
E. The burden of proof for any missing grade is your responsibility. If you cannot prove your grade, then the grade posted will be final.
F. There are NO extra credit or bonus assignments.
G. Final grades are NOT rounded or curved.
H. Total Points = 375. We do NOT use percent (%) to determine grades.

<table>
<thead>
<tr>
<th>BISC 103 Grading</th>
<th>Total Points</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quizzes</td>
<td>70 points</td>
<td>337.50-375 A</td>
</tr>
<tr>
<td>In-class worksheets</td>
<td>200 points</td>
<td>300-337.49 B</td>
</tr>
<tr>
<td>Karyotyping homework</td>
<td>10 points</td>
<td>262.50-299.99 C</td>
</tr>
<tr>
<td>Presentation Outline</td>
<td>19 points</td>
<td>225-262.49 D</td>
</tr>
<tr>
<td>Presentation &amp; Bibliography</td>
<td>76 points</td>
<td>≤224.99 F</td>
</tr>
<tr>
<td>Total</td>
<td>375 points</td>
<td></td>
</tr>
</tbody>
</table>
Class Conduct
A. **Cell phones/electronics** must be turned **OFF**, not on vibrate, etc. No texting during class or any time during the laboratory period. If **caught** using a cell phone, your **TA has the right to take away your phone** for the class or ask you to **leave**, resulting in a **zero (0)** for the lab.

B. **NO food or drink in the lab.** Water bottles are placed inside your bag. Food and liquid in cups are to be thrown out upon entering the lab.

C. If you have a question about a grade, you have one (1) week from the date of posting on Blackboard to discuss the matter with your TA. If you wait longer than 1 week there will be **NO** change possible. (see Grading Policy).

**Academic Dishonesty/Misconduct**
We will enforce a **zero-tolerance towards cheating** on any clicker quizzes, or assignments. **Cheating with clickers**, such as tampering with the clicker (e.g. changing username, etc.), clicking from outside the testing room, using two clickers at the same time, using a different unregistered clicker, etc. **will not be tolerated**. Answering worksheet questions is **NOT** a group assignment. Each person is required to answer in his/her own words. **Copying or plagiarizing** of the lab worksheets **will not be tolerated**. If caught cheating, copying or plagiarizing, you will **automatically FAIL the course** and you will be reported to the university's Academic Discipline Committee for disciplinary actions.

**From the Office of Student Disability Services**
It is University policy to provide, on a flexible and individual basis, reasonable accommodations to students who have disabilities that may affect their ability to participate in course activities or meet course requirements. Students with disabilities, which have been verified through the Office of Student Disability Services (915-7128), are encouraged to contact their instructors to discuss their individual needs for accommodations.

**Lab Sections Offered**

<table>
<thead>
<tr>
<th>Time</th>
<th>Tuesday Sections</th>
<th>Wednesday Sections</th>
<th>Thursday Sections</th>
</tr>
</thead>
<tbody>
<tr>
<td>9:00-10:50 AM</td>
<td>17</td>
<td>1 &amp; 2</td>
<td>9 &amp; 10</td>
</tr>
<tr>
<td>11:00-12:50 PM</td>
<td>18</td>
<td>3 &amp; 4</td>
<td>11 &amp; 12</td>
</tr>
<tr>
<td>1:00-2:50 PM</td>
<td>19</td>
<td>5 &amp; 6</td>
<td>13 &amp; 14</td>
</tr>
<tr>
<td>3:00-4:50 PM</td>
<td>20</td>
<td>7 &amp; 8</td>
<td>15 &amp; 16</td>
</tr>
</tbody>
</table>