WALTERS STATE COMMUNITY COLLEGE
Course Syllabus

Course: BIOL 1121 – General Biology II Lab
Semester: Spring 2012
Instructor: Kim Bolton, Office NSCI 125, Phone 423-585-6891
E-Mail: Kimberly.Bolton@ws.edu
William Sproat, Office Room 203 Maples-Marshall Hall, WSSC,
865-774-5840, E-Mail: william.sproat@ws.edu
Office Hours: Instructors’ office hours are posted on their office doors and on e-Learn
FAX: 423-318-2762
Secretary: 423-585-6865 (Sherry Woody)

Required Textbook:
None- handouts will be supplied by the instructor or posted on e-Learn to be printed by the student.

Catalog Course Description:
A study of the basis of life including plant and animal classification and histology, plant and animal morphology, the interrelationships between bacteriological systems and the impact of these systems on humans, human and population genetics, and ecological field studies to examine the diversity of plants and animals in various terrestrial and aquatic habitats. Experiments and exercises correspond to lecture material in biodiversity. This course is intended for science majors. (Corequisite: BIOL 1120)
3 hours laboratory ...............................................................1 credit hour

Course Outcomes:
Students should be able to:
1. Understand the principles of the “Scientific Method” and be able to apply these principles to experiments to test hypotheses.
2. Evaluate and present original data gathered from scientific experiments
3. Demonstrate knowledge of form and function of both plant and animal groups.
4. Understand the significance of field experiments utilized in ecological studies

General Education Course Designation: Natural Science (1 hour)

Instructional and Evaluation Methods:
Three laboratory exams worth 100 points each will be given. The exams will focus on activities and results obtained from the laboratory exercises and assess the achievement of the learning outcomes prescribed for this course. You will also be responsible for written lab assignments worth a total of 100 points.
Your attendance is essential to your success. You are required to attend each laboratory session in its entirety; each failure to do so without an acceptable excuse will result in 5 points being subtracted for the overall total points for each laboratory class missed. If you cannot attend your normal laboratory section you may avoid the penalty by arranging in advance to attend a different section that week, if available; however, this requires the advanced consent of your regular lab instructor.

All lab exams are to be taken as scheduled by the instructor and all must be taken in order to receive a passing grade for the course. If you miss an exam with acceptable justification (e.g. A signed physician’s note explaining why you could not attend.) you must contact your lab instructor within 48 hours to determine if other arrangements to take the exam can be made, otherwise a grade of zero will be given for that exam.

**The Student Can Expect from the Instructor:**
1. Email response within 24 hours during the normal work week. Holidays and vacations excluded.
2. Email during the weekend will be answered on Monday.
3. Exams to be graded and returned in a timely manner.
4. Enthusiasm for the subject and encouragement to help you when you need it.
5. A fair grading system with feedback.
6. Learning that ties concepts into the real world around us.
7. Respect for you as a learner.

**Grading Scale:**

<table>
<thead>
<tr>
<th>Written Practical Lab Exams</th>
<th>3</th>
<th>100</th>
<th>300</th>
</tr>
</thead>
<tbody>
<tr>
<td>Written Lab Assignments</td>
<td>10-20</td>
<td>100</td>
<td></td>
</tr>
</tbody>
</table>

**Grading Scale:**

- **A** = 360 or more points
- **B** = 320-359 points
- **C** = 280-319 points
- **D** = 240-279 points
- **F** = 239 or less points

**Course Content:**

<table>
<thead>
<tr>
<th>Lab No.</th>
<th>Lab</th>
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<tbody>
<tr>
<td>1</td>
<td>Bacteriology A</td>
</tr>
<tr>
<td>2</td>
<td>Bacteriology B</td>
</tr>
<tr>
<td></td>
<td>Inquiry-based project</td>
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<tr>
<td>3</td>
<td>Bacteriology C</td>
</tr>
<tr>
<td>4</td>
<td><strong>Lab Exam #1</strong></td>
</tr>
<tr>
<td>5</td>
<td>Plant Diversity</td>
</tr>
<tr>
<td>6</td>
<td>Animal Diversity</td>
</tr>
<tr>
<td>7</td>
<td>Field Trip</td>
</tr>
</tbody>
</table>
8 Lab Exam #2  
Population Biology  
9 Animal Anatomy  
*10 Zoo Field Trip  
*11 Ecology: 1st Field Trip  
*12 Ecology: 2nd Field Trip  
*13 Presentations and follow up  
14 Lab Exam #3 (100 points)

*Could switch these labs around depending on weather conditions and scheduling issues.

Course Ground Rules:
Students should attend the first day of class or contact the instructor prior to the first class. Failure to do this may result in being dropped from the class.

Plagiarism, cheating, and other forms of academic dishonesty are prohibited.

Students with disabilities must register with Student Support Services (CCEN), Room 262 (phone 423-585-6892) if they need any special facilities, services, or consideration.

Students in need of tutoring assistance are encouraged to contact the Office of Student Tutoring located in the College Center (CCEN), Room 261. The phone number is 423-585-6920.

Students receiving any type of financial aid or scholarship should contact the Financial Aid Office before making any changes to their schedule. Schedule changes without prior approval may result in loss of award for the current term and future terms.

Students who have not paid fees on time and/or are not correctly registered for this class and whose names do not appear on official class rolls generated by the Admissions and Records Office will not be allowed to remain in class or receive credit for this course.

Cellular phone use during classroom interaction is prohibited. Cellular phones must be turned to the non-audible mode until after class, at which time calls can be received or checked. (See the Walters State Catalog/Handbook)

For information related to the cancellation of classes due to inclement weather, please check the college’s Web site at www.ws.edu or call the college’s student information line, 1-800-225-4770, option 1; InfoConnect, (423) 581-1233, option 1045; the Sevier County Campus, (865) 774-5800, option 9; or the Greeneville/Greene County Center for Higher Education, (423) 798-7940, option 4. Also, please monitor local TV and radio stations for weather-related announcements. For additional information on this policy see the college catalog.

In the event of a pandemic or other college declared critical event that impacts the college’s ability to proceed with academic course activities as planned, the college reserves the right to
alter this course plan. In the event of a pandemic or other event, please refer to the college’s home web page, www.ws.edu or call InfoConnect, (423) 581-1233 for further information.

Regular class attendance is a student’s obligation. (See the Walters State Catalog/Student Handbook) If for some reason a student misses class, it is his or her responsibility to see the instructor regarding missed assignments and/or activities and to be prepared for the next class. Excessive absences may substantially lower the semester grade. The college requires the instructor to keep accurate records and to report when students are not attending class.

Students are required to supply a #2 pencil for each lecture exam.

The wearing of hats and caps in class is not allowed! Students will be asked to remove their hats and caps.

STAY AWAKE IN CLASS. Your mere presence in class is not sufficient—you must be able to actively process the information presented! Sleeping in class is disruptive in two ways: the student who is snoozing is not interested and not participating in the classroom discussion; secondly, sleeping in class is considered to be disrespectful to the teacher and other students. The penalty for sleeping in class may range from the student being requested to leave the class with a following conference with the instructor, to notification of the Vice-President of Academic Affairs (in the cases of habitual sleepers). If you have a medical condition that prevents you from staying awake in class, please discuss this with the instructor.

Safety:
1. **There will be NO food, drink or tobacco products in the laboratory.**
2. **NO opened-toe shoes** can be worn during lab. You will not be allowed to stay in the laboratory if the lab exercise uses any sort of glassware or chemicals.
3. **NO purses, bags or coats** on top of the student tables.
4. **NO visitors in the laboratory without prior approval of the instructor.**

Your Right to Know:
Tennessee Law requires that you are provided notice that some of the laboratory exercises involve contact with chemicals which have been identified with potential health hazards. These chemicals include, but are not limited to: acetone, chloroform, formalin, acids and bases. While every effort has been made to make the materials as safe as possible these chemicals are toxic and you must be responsible for their safe handling. If you feel you may be at a higher risk then normal, if pregnant for example, we recommend you consult your physician.

WSCC Catalog Notification Statement:
All students attending Walters State Community College, regardless of the time and location of the class, must abide by the rules and regulations outlined in the current Walters State Catalog/Student Handbook and the current “Walters State Timetable of Classes.” A copy of the Catalog/Handbook and the “Timetable of Classes” may be obtained from the Admissions Office on the Main campus or at any of our off-campus sites. You may also access the Catalog/Handbook on-line at the following web address: http://www.ws.edu/catalog.
Alternative Teaching Plan
In the event of a pandemic or other college declared critical event, the lead faculty member for this course will use eLearn to communicate with the students. If the lead faculty member is affected by this event, another member from the teaching team will assume instruction for the course. The course will continue utilizing an online format of instruction and testing.

ATTENTION: The Natural Science faculty members are concerned with proper academic advising of students in ALL Pre-Professional programs. It is our explicit desire to help you with any advising problems you may encounter.