Department of Engineering Science
Syllabus

Course Name: Communication in the Digital Age Laboratory
Course Number: ES 101B
Section: 002
Credit Hours: 1.0
Semester Offered: Spring 2018
Course Meeting Days/Time: Thursday 1:00 PM – 3:50 PM
Classroom: Salazar 2003

Instructor: Dr. Sara Kassis
Office: Salazar 2010A
Telephone: 707-664-4438
Email: sara.kassis@sonoma.edu *(preferred method of contact)
Office Hours: Thursday from 10 – 11:30 AM, or by appointment

Course Description: Laboratory: 3 hours. Laboratory to demonstrate the concepts discussed in the course ES 101A and give hands-on experience to the students.

Co-requisite: ES 101A, or permission of the instructor.

GE Area: This course meets the GE science laboratory requirement.

Moodle Page: I use Moodle for uploading documents and recording grades. You will find the syllabus and all your Lab assignments here. I will also post notes about the class and I will email you through Moodle. Please check Moodle and your Sonoma State email often.

Moodle can be accessed through your Seawolf Login:
• Log into SSU Online Services
• Click on Moodle
• Under ‘Navigation’ click on ‘My Courses’
• Click on ‘ES-112’
• You can even use Moodle Mobile through your smart device with Moodle Mobile

Course Grade Evaluation Policy

1) Attendance: 30% of your grade is based on attendance. I do grant excused absences only in the event of an illness or an unforeseeable situation but you must inform me through email and
provide documented proof. For SSU policies regarding attendance see http://www.sonoma.edu/uaffairs/policies/studentinfo.shtml

2) **Lab Data Sheets:** The data from the experiment you conduct will be input into the Lab Data Sheets. The Lab Data Sheets are to be printed, filled out, and handed to the instructor at the completion of the lab.

3) **Missed work:** One missed lab can be made up during the last week of classes. Otherwise, more than one missing lab will be graded as zero. To pass this course you **cannot** miss more than 2 classes.

4) **Grading**

<table>
<thead>
<tr>
<th>Labs (includes effort, participation, teamwork, and correct results)</th>
<th>70%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Attendance</td>
<td>30%</td>
</tr>
<tr>
<td>Total =</td>
<td>100%</td>
</tr>
</tbody>
</table>

5) **Field Trips:** We will have three occasions to learn about Communication in the Digital Age in SSU’s MakerSpace and ViTaL Lab, SSU’s new virtual reality lab. Please look to Moodle and in class for instructions on the actual date, time, and location. This is still considered a lab class session, so attendance is mandatory and a grade will be assigned.

6) **Text and Supplemental Topics:** There is no required text to be purchased by the student. Lab Assignments are posted on Moodle.

7) **Extra Credit:** An opportunity for extra credit is available simply by getting involved in the EE clubs and attending the meetings on a regular basis. We have the Electrical Engineering Club and the Society of Women Engineers. Other opportunities will be presented on Moodle as available. A maximum of 3% may go towards the total class grade.

8) **Class Schedule: Tentative**

<table>
<thead>
<tr>
<th>Date</th>
<th>Lab No.</th>
<th>Lab</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jan 25</td>
<td>0</td>
<td>Introduction</td>
</tr>
<tr>
<td>Feb 1</td>
<td>1</td>
<td>Circuits 1</td>
</tr>
<tr>
<td>Feb 8</td>
<td>2</td>
<td>Circuits 2</td>
</tr>
<tr>
<td>Feb 15</td>
<td>3</td>
<td>Circuits 3</td>
</tr>
<tr>
<td>Feb 22</td>
<td>4</td>
<td>Electromagnets 1: The Telegraph</td>
</tr>
<tr>
<td>Mar 1</td>
<td>5</td>
<td>Electromagnets 2: The Speaker</td>
</tr>
<tr>
<td>Mar 8</td>
<td>6</td>
<td>Mimicking a Hard Drive</td>
</tr>
<tr>
<td>Mar 15</td>
<td>7</td>
<td>How Strong is the Signal?</td>
</tr>
</tbody>
</table>
9) Important Dates

2/2: Last day to Drop a course
2/3 – 2/15: Last Day to Drop with a "W" (done on-line)
3/19 – 3/23: Spring Break
5/11: Last day of instruction
5/14 – 5/18: Finals Week

10) Online Class Survey (online SETE)
All students must complete the Online Class Survey (online SETE) prior to the last class.
Information given by the student to assess a course and the instructor is essential in maintaining quality instruction at our department and at SSU. You must provide evidence of the submission (such as a screen shot) to obtain your final grade in this class.

University Policies
There are important University policies that you should be aware of, such as the add/drop policy; cheating and plagiarism policy, grade appeal procedures; accommodations for students with disabilities and the diversity vision statement. See Important Policies and Procedures for Students http://www.sonoma.edu/uaffairs/policies/studentinfo.shtml.

Dropping and Adding
Students are responsible for understanding the policies and procedures about add/drops, academic renewal, etc. How to Add a Class http://www.sonoma.edu/registration/addclasses.html has step-by-step instructions. Registration Information http://www.sonoma.edu/registration/regannounce.html lists important deadlines and penalties for adding and dropping classes.
Campus Policy on Disability Access for Students
If you are a student with a disability, and think you may need academic accommodations, please contact Disability Services for Students (DSS), located in Salazar Hall, Room 1049, Voice: (707) 664-2677, TTY/TDD: (707) 664-2958, as early as possible in order to avoid a delay in receiving accommodation services. Use of DSS services, including testing accommodations, requires prior authorization by DSS. See SSU's policy on Disability Access for Students http://www.sonoma.edu/uaffairs/policies/disabilitypolicy.htm.

Emergency Evacuation
If you are a student with a disability and you think you may require assistance evacuating a building in the event of a disaster, you should inform your instructor about the type of assistance you may require. You and your instructor should discuss your specific needs and the type of precautions that should be made in advance of such an event (i.e. assigning a buddy to guide you down the stairway). We encourage you to take advantage of these preventative measures as soon as possible and contact the Disability Services for Students office if other classroom accommodations are needed.

Academic Integrity
Students should be familiar with the University’s Cheating and Plagiarism policy http://www.sonoma.edu/UAffairs/policies/cheating_plagiarism.htm. Your own commitment to learning, as evidenced by your enrollment at Sonoma State University and the University’s policy, require you to be honest in all your academic course work. Instances of academic dishonesty will not be tolerated. Cheating on exams or plagiarism (presenting the work of another as your own, or the use of another person’s ideas without giving proper credit) will result in a failing grade and sanctions by the University. For this class, all assignments are to be completed by the individual student unless otherwise specified.