**CHEM 5381_009**  
**Supervised Instruction of Lab Course**  
**Fall 2021**

<table>
<thead>
<tr>
<th>Instructor</th>
<th>Dr. ‘Tayo Odunuga</th>
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<tbody>
<tr>
<td>Department</td>
<td>Chemistry and Biochemistry</td>
</tr>
<tr>
<td>Email</td>
<td><a href="mailto:odunugao@sfasu.edu">odunugao@sfasu.edu</a></td>
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<tr>
<td>Phone</td>
<td>936-468-6468</td>
</tr>
<tr>
<td>Office</td>
<td>Room 104, Bush Mathematical Sciences Building</td>
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</tbody>
</table>
| Class Time/Location | Lecture: Thursday, 11:00 – 11:50 a.m., Room 130, Bush Mathematical Sciences Building  
Lab time: TBA |
| Student Office Hours| M – F, 9:30 – 10:30 a.m. or by appointment |
| Drop Date Deadline  | November 29, 2021          |

**COURSE DESCRIPTION:** Teaching experience in undergraduate chemistry laboratory, including maintenance, laboratory preparation, grading and assistance of students in laboratory under the direct supervision of a faculty mentor.

**TEXT AND MATERIALS:** There is no required textbook for this course. The instructor will recommend open source materials in class.

**TIME JUSTIFICATION:** The course involves one hour of lecture and 6 hours of laboratory time (part of Graduate Teaching Assistantship obligations). In addition, students will be required to spend 2 to 3 hours on assignments outside of class. This course is a requirement for graduate teaching assistantship but does not count toward basic requirements for the degree.

**NUMBER OF CREDIT HOURS:** 3 semester hours

**COURSE OBJECTIVES:** The student should demonstrate the teacher’s role in a laboratory setting.

**PROGRAM LEARNING OBJECTIVES** (MSNAS)

PLO 2. Communication: The student will demonstrate effective oral and written communication pertinent to the specific STEM-related programs of study.

PLO 3. Value Added: The student demonstrates preparation for employment or career advancement within a STEM or STEM-related field.

**STUDENT LEARNING OUTCOMES:** Upon completion of this course, students will be able to:
- work independently, responsibly, and efficiently to solve problems occurring in a laboratory setting.
- demonstrate clear oral and written communication skills.
- demonstrate an ability to prepare and present laboratory lecture.
- perform routine laboratory procedures safely and efficiently.
- explain fundamental principles of chemistry to freshman students.
- demonstrate an ability to assess student progress and develop assessment tools.
- demonstrate safety practices regarding laboratory and chemical storage.
FORMAT OF DELIVERY: The course will be taught face-to-face.

GRADING POLICY:

To get a Pass grade, a student must participate and complete the following to the satisfaction of the instructor:

a. Attend and actively participate in class discussions.
b. Complete all assignments related to the course.
c. Develop a resume that has been evaluated by SFASU Career Services.
d. Complete a mock interview through SFASU Career Services.
e. Develop a statement of purpose to be used.
f. Attend at least one job and career fair.
g. Attend seminar(s) selected by instructor.
h. Complete all reading assignments and related discussion obligations.
i. Obtain satisfactory performance in all GTA obligations – as assessed by faculty mentor.

Method of Evaluation/Assessment – The final grade will be based upon the number of points obtained in the following:

<table>
<thead>
<tr>
<th>Item</th>
<th>Value Points</th>
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<tbody>
<tr>
<td>Attendance and class participation</td>
<td>20</td>
</tr>
<tr>
<td>Completion of all assignments and course obligations</td>
<td>50</td>
</tr>
<tr>
<td>Satisfactory performance in GTA obligations</td>
<td>30</td>
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<tr>
<td><strong>TOTAL PTS</strong></td>
<td><strong>100</strong></td>
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Grading Scale (100 total points)

*Overall Grading scale* - Pass ≥ 85%; Fail < 85%

**Other grading policies**

*The instructor reserves the right to regrade an entire item if the student requests for a regrade on one part.*
# Course Calendar

<table>
<thead>
<tr>
<th>Date</th>
<th>Topics and Activities</th>
<th>% Time</th>
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<tbody>
<tr>
<td>Aug. 26</td>
<td>- Introductions&lt;br&gt;- Review of Master program&lt;br&gt;- Expectations for GTAs&lt;br&gt;- Timeline map – registration to graduation</td>
<td>5</td>
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<tr>
<td>Sept. 02</td>
<td>Safety Issues</td>
<td>5</td>
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<tr>
<td>Sept. 09</td>
<td>Ethics and Academic Integrity</td>
<td>5</td>
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<tr>
<td>Sept. 16</td>
<td>Writing effective exam/quiz questions – assignment given for next week</td>
<td>5</td>
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<tr>
<td>Sept. 23</td>
<td>How to create effective assessments and grade fairly – assignment given for next week</td>
<td>5</td>
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<tr>
<td>Sept. 30</td>
<td>Recitations and Lab Sessions – suggestions for Teaching Assistants – assignment given</td>
<td>5</td>
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<tr>
<td>Oct. 07</td>
<td>SFASU CTL Resources – assignment given for the following week</td>
<td>5</td>
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<tr>
<td>Oct. 14</td>
<td>Practice – running a lab or lecture recitation</td>
<td>10</td>
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<tr>
<td>Oct. 21</td>
<td>Practice – running a lab or lecture recitation</td>
<td>10</td>
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<tr>
<td>Oct. 28</td>
<td>Practice – running a lab or lecture recitation</td>
<td>10</td>
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<tr>
<td>Nov. 04</td>
<td>Practice – running a lab or lecture recitation</td>
<td>10</td>
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<tr>
<td>Nov. 11</td>
<td>Practice – running a lab or lecture recitation</td>
<td>10</td>
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<tr>
<td>Nov. 18</td>
<td>Employment Opportunities and developing application materials – resume, cover letter, mock interview, etc., evaluated by SFA Career Services</td>
<td>10</td>
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<tr>
<td>Dec. 02</td>
<td>Final Class Discussions</td>
<td>5</td>
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**Attendance Policy:**

Attendance of class is mandatory. Three (3) or more absences will result in an ‘F’ for the course. Absences may be assigned to anyone that disrupts class, sleeps in class, or consistently comes in late or leaves early without prior consultation with the instructor.

**Classroom Behavior Policy:**

- Wearing a face mask in class is strongly encouraged.
- The student code of conduct policy is located at [http://www.sfasu.edu/policies/student-code-of-conduct-10.4.pdf](http://www.sfasu.edu/policies/student-code-of-conduct-10.4.pdf)
- Professional behavior is expected at all times and includes coming to class prepared and on time.
- Contribute to class discussions and group assignments.
- Absences may be assigned to anyone who disrupts class. Read Attendance Policy Section for how this can affect grades.
- Silence phones and put away unless we are using them as a part of class.
- Be courteous and respectful of other students and instructor.
- Students who violate these rules will be asked to leave. Repeat offenders will be subject to disciplinary action in accordance with University policies as described in the Code of Student Conduct.
ACADEMIC INTEGRITY (A-9.1):

Definition of Academic Dishonesty: Academic dishonesty includes both cheating and plagiarism. Cheating includes but is not limited to (1) using or attempting to use unauthorized materials to aid in achieving a better grade on a component of a class; (2) the falsification or invention of any information, including citations, on an assigned exercise; and/or (3) helping or attempting to help another in an act of cheating or plagiarism. Plagiarism is presenting the words or ideas of another person as if they were your own. Examples of plagiarism are (1) submitting an assignment as if it were one's own work when, in fact, it is at least partly the work of another; (2) submitting a work that has been purchased or otherwise obtained from an Internet source or another source; and (3) incorporating the words or ideas of an author into one's paper without giving the author due credit. The academic dishonesty policy is located at http://www.sfasu.edu/policies/4.1-student-academic-dishonesty.pdf. Any student found cheating will be subject to the penalties as stated in the Student Code of Conduct handbook; including but not limited to a score of zero on exam, expulsion from the class or expulsion from the University. Any student found cheating will be subject to the penalties as stated in the policy noted above; including but not limited to a score of zero on exam, expulsion from the class or expulsion from the University. I will give a zero on any assignment/exam/quiz for cheating and will recommend expulsion from the university. I will also notify the department chair/unit head of a student’s major and/or attribute.

WITHHELD GRADES SEMESTER GRADES POLICY (A-54):

Ordinarily, at the discretion of the instructor of record and with the approval of the academic chair/director, a grade of WH will be assigned only if the student cannot complete the course work because of unavoidable circumstances. Students must complete the work within one calendar year from the end of the semester in which they receive a WH, or the grade automatically becomes an F. If students register for the same course in future terms the WH will automatically become an F and will be counted as a repeated course for the purpose of computing the grade point average. The circumstances precipitating the request must have occurred after the last day in which a student could withdraw from a course. Students requesting a WH must be projected to be passing the course.

STUDENTS WITH DISABILITIES:

To obtain disability related accommodations, alternate formats and/or auxiliary aids, students with disabilities must contact the Office of Disability Services (ODS), Human Services Building, and Room 325, 468-3004 / 468-1004 (TDD) as early as possible in the semester. Once verified, ODS will notify the course instructor and outline the accommodation and/or auxiliary aids to be provided. Failure to request services in a timely manner may delay your accommodations. For additional information, go to Disability Services.
MENTAL HEALTH:
SFASU values students’ mental health and the role it plays in academic and overall student success. SFA provides a variety of resources to support students' mental health and wellness. Many of these resources are free, and all of them are confidential.

On-campus Resources:
SFASU Counseling Services
www.sfasu.edu/counselingservices
3rd Floor Rusk Building: 936-468-2401

SFASU Human Services Counseling Clinic
www.sfasu.edu/humanservices/139.asp
Human Services Room 202: 936-468-1041

Crisis Resources:
Burke 24-hour crisis line 1(800) 392-8343
Suicide Prevention Lifeline 1(800) 273-TALK (8255)
Crisis Text Line: Text HELLO to 741-741

COVID-19 INFORMATION
Please visit https://www.sfasu.edu/covid19 for detailed information about Covid-19 protocols on SFA campus.

Note: The professor reserves the right to alter the syllabus due to weather, university events, or for improved student learning. Students will be notified of any changes to the syllabus in class and/or via email.

Dr. ‘Tayo Odunuga

August 23, 2021