

# Sierra College Honors

## The Honors Course Contract Proposal

PLEASE FOLLOW THE INSTRUCTIONS IN THE INSTRUCTION PACKET CAREFULLY!

\*SAVE THIS DOCUMENT AS FACULTY LAST NAME.STUDENT LAST NAME. COURSE #

(EX: SMITH.DOE.ENGL 1A)

Enter your responses below (including signatures)

### SECTION I

1. Semester and Year: **Fall 2015**
2. Student First and Last Name: **Jane Doe**
3. Student Nine-Digit ID#: **900-00-0000**  
(Give all nine numbers)
4. Student Telephone Number: **(555) 867-5309**  
(Include area code)
5. Student Email Address: **jdoe@student.sierracollege.edu**  
(Please use your Sierra College email)
6. Course ID Number AND Name: **Chem. 12A, Organic Chemistry**  
(Example: "Music 002, Music Appreciation")
7. Course Meeting Days and Times: **Lecture: MW 11-12:20pm, Lab. TTH 2-5:05pm**  
(Example: "MW 11:00am-12:20pm")
8. Faculty First and Last Name: **John Smith**
9. Faculty Work Phone: **(916) 867-5309**  
(Include area code)
10. Faculty SC Email Contact: **jsmith@sierracollege.edu**
11. What is the overall objective/purpose of this Honors Contract?:

The overall objective of this Honors contract is to provide a means for the student to excel in learning beyond the usual course of study covered within the class. This expanded education will greatly benefit the student as they progress towards their degree upon transfer to a 4-year university. More specifically, the student will be creating an Organic Chemistry Mechanism database to be put online for the benefit of current and future students.

## **SECTION II**

What are the individual student learning objectives of this Honors Contract? A **minimum** of 3 out of the following 7 objectives must be addressed (you may include more). Provide a detailed description of the assignments or activities **ONLY** for the appropriate objectives.

### 1. Demonstrate Excellence

Objective: Student will demonstrate a higher degree of leadership, class participation, and academic performance. Describe assignments or activities to be completed and tangible evidence to be produced that will demonstrate achievement of this particular learning objective:

The student will be expected to perform at a higher level than their classmates and to display a higher degree of leadership. The Honor student will be central to class discussions and be expected to help their fellow classmates to understand material they might need help on. The Mechanism Database will be an excellent resource for the rest of the students in this and future courses.

## 2. Demonstrate Greater Understanding

Objective: Student will develop and explore in greater depth and/or breadth the subject matter of the course/discipline. Describe assignments or activities to be completed and tangible evidence to be produced that will demonstrate achievement of this particular learning objective:

In the preparation of the mechanism database the student will demonstrate a high level of understanding and grasp of the material. Their work will need to be impeccably constructed with total accuracy if it is to serve its purpose in helping current and future classrooms of students. This will often require examining multiple textbooks and triangulating upon the correct mechanisms and concepts to be presented.

### 3. Exhibit or Present Learned Expertise

Objective: Student will demonstrate the ability to develop work at a quality suitable for public presentation along with exhibiting or presenting the work to an audience. Describe assignments or activities to be completed and tangible evidence to be produced that will demonstrate achievement of this particular learning objective:

The student will help design and implement a structured and organized curved arrow mechanism database for addition to the Organic Chemistry classroom literature. This database will be capable of helping present and future students to prepare for the ACS (American Chemical Society) and MCAT (Medical College Admissions Test) as it would greatly help to clarify organic chemistry mechanisms. This database will be made available to students online, in electronic form.

#### 4. Use Resources Outside of the Classroom

Objective: Student will gain knowledge about accessing and using resources outside of the classroom to enhance his/her preparation for continued education and/or careers. Describe assignments or activities to be completed and tangible evidence to be produced that will demonstrate achievement of this particular learning objective:

## 5. Use Primary Source Material

Objective: Student will gain knowledge about accessing and critically evaluating the value of source materials beyond discipline textbooks. Describe assignments or activities to be completed and tangible evidence to be produced that will demonstrate achievement of this particular learning objective:

## 6. Attain a Heightened Appreciation of the Field

Objective: Student will gain a deeper and more critical appreciation of the field and thus be better equipped to succeed in upper division courses and/or the business or professional world. Describe assignments or activities to be completed and tangible evidence to be produced that will demonstrate achievement of this particular learning objective:

## 7. Pursue Original Research

Objective: Student will understand, initiate, and implement the process of developing original work that adds to the body of knowledge in a given field. Describe assignments or activities to be completed and tangible evidence to be produced that will demonstrate achievement of this particular learning objective:



### **SECTION III**

Assessment criteria: How will the student's success be determined? Describe specifically what assessment criteria will be used to determine if the student receives the Honors designation for the course. For examples, please see the Instruction Packet. Student's achievement of the individual objectives in Section II will be assessed using the following specific criteria:

The student's success in the Honors Contract will be determined in the following manner. The student will design, create, and present use of the Curved Arrow Mechanism Database to their classmates and then ensure its availability for use of future students. The student will need to draw (using an electronic drawing program) at least 5 new mechanisms and edit and compile at least 5 old mechanisms from past semesters. The final mechanisms must be free of scientific error (to the best of the professor's knowledge).

#### **SECTION IV**

How do the components of this Honors Contract differ from the regular course components? What will the student gain beyond the regular classroom environment? Please be specific. See the Instruction Packet for examples.

The components of this contract will allow the student to gain the following, which is above and beyond what is acquired from the regular classroom environment for this course:

The student participating in this honors contract will have classroom and learning experiences that will differ greatly from the regular class curriculum. The student's research and database creation will contribute to their developing mastery of the mechanisms prevalent within organic chemistry.

#### **SECTION V**

By typing their names below, both the student and instructor agree to meet at least 15 minutes every two weeks until this Honors Contract is successfully completed or discontinued.

For the purposes of this Honors Contract, names typed below constitute electronic signatures representing agreement to/approval of the contract.

THE PROPOSED HONORS CONTRACT HAS BEEN REVIEWED AND APPROVED:

Faculty Signature      John Smith      Date 9-16-15

Student Signature      Jane Doe      Date 9-17-15

Honors Committee Approval      Date

Division Dean      Date