CHEM 4172.002 – Intellectual Property for the Sciences
(formerly CHE 472)
Monday 5:00-6:50 p.m.; STEM 108
Fall 2020 1st half (Aug 24 – Oct. 14)

<table>
<thead>
<tr>
<th>Name</th>
<th>Dr. Michele Harris</th>
</tr>
</thead>
<tbody>
<tr>
<td>Department</td>
<td>Chemistry &amp; Biochemistry</td>
</tr>
<tr>
<td>Email</td>
<td><a href="mailto:mharris@sfasu.edu">mharris@sfasu.edu</a></td>
</tr>
<tr>
<td>website</td>
<td>course information on D2L</td>
</tr>
<tr>
<td>Phone</td>
<td>936-468-2805</td>
</tr>
<tr>
<td>Office</td>
<td>Cole STEM Building 408</td>
</tr>
<tr>
<td>Student office</td>
<td>MWF: 9:30-10:30 (Zoom) and other times by appointment</td>
</tr>
</tbody>
</table>

Course Description: Intellectual Property for the Sciences (CHEM 4712.002.) Learn about trademarks, patents, and copyrights and how they relate to the STEM disciplines. A one hour elective course. There are no specific course prerequisites; students need to be classified as a junior, senior, or graduate student.

Number of Credit Hours: 1 semester hour
This course is for 1 credit. The course is a seminar type course and lasts the entire semester (15 weeks). It is designed to develop an understanding of the concepts and applications of intellectual property for STEM majors. Students are expected to read and understand material, spend time learning to search patents and other literature, and spend time reading about careers in intellectual property so they can effectively learn and participate in the classroom time. There are short assignments, writing assignments, quizzes and exams that students need to prepare for. In addition to the 50 minutes of class each week, student should spend at minimum of 2 hours per week outside of class preparing for assignments, quizzes, and exams.

Course Prerequisites and Co-requisites: Prerequisite: Permission of instructor. Must be a junior or senior in good standing.

General Education Core Curriculum Objectives: There are no specific general education core curriculum objectives in this course. This course is not a general education core curriculum course.

Course Objective: Students will be exposed to the topic of intellectual property as it pertains to STEM majors

Student Learning Outcomes: Upon completion of this course, students will be able to:
1. understand basic intellectual property concepts and terminology
2. gain knowledge about careers in intellectual property
3. read a patent document
4. search for patents and other related technical publications
Outline of Topics (approximate course time):
Variable: dependent on instructor and selected course content.

Text and Materials: No text required. Materials provided via D2L and USPTO website.

COURSE CALENDAR: SHOWN ON SEPARATE PAGE

GRADING POLICY: The graduate section of this course requires 93% for an A instead of 90% as in the undergraduate section. This follows for each grade level. The project and paper for the graduate section will be 50% longer than the undergraduate.

Method of Evaluation: The point total for the semester is 250 points.

The grading scale is \( \geq 225 = A, \geq 200 = B, \geq 175 = C, \geq 175 = D, <150 = F. \)

- **Quizzes/Assignments:** 50 points. Quizzes will usually be announced but pop quizzes may be given.
- **Project:** 80 points
  - Patent search and notebook – more details provided in separate handout.
  - Paper: a short discussion about the patent search -more details on separate document)
- **Participation:** 20 points – attendance, preparedness, participating in discussion
- **Final Exam:** 100 points

ATTENDANCE POLICY:
Attendance of class is mandatory. For an excused absence, contact professor.
Attendance is a part of the participation grade.

FACE MASKS, COVID-19, ETC.:
Masks (cloth face coverings) must be worn over the nose and mouth at all times in this class and appropriate physical distancing must be observed. Students not wearing a mask and/or not observing appropriate physical distancing will be asked to leave the class. All incidents of not wearing a mask and/or not observing appropriate physical distancing will be reported to the Office of Student Rights and Responsibilities. Students who are reported for multiple infractions of not wearing a mask and/or not observing appropriate physical distancing may be subject to disciplinary actions. **A student running a fever should attend class via Zoom and should NOT attend a face to face class.**


**ACADEMIC INTEGRITY (A-9.1):**
Academic integrity is a responsibility of all university faculty and students. Faculty members promote academic integrity in multiple ways including instruction on the components of academic honesty, as well as abiding by university policy on penalties for cheating and plagiarism.

**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.

Please read the complete policy at [http://www.sfasu.edu/policies/academic_integrity.asp](http://www.sfasu.edu/policies/academic_integrity.asp)

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.

**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 passing the course with a minimum projected grade of C.

**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 [http://www.sfasu.edu/disabilityservices/](http://www.sfasu.edu/disabilityservices/).
CLASSROOM BEHAVIOR POLICY:

Acceptable Student Behavior: Classroom behavior should not interfere with the instructor’s ability to conduct the class or the ability of other students to learn from the instructional program (see the Student Conduct Code, policy D-34.1). Unacceptable or disruptive behavior will not be tolerated. Students who disrupt the learning environment may be asked to leave class and may be subject to judicial, academic or other penalties. This prohibition applies to all instructional forums, including electronic, classroom, labs, discussion groups, field trips, etc. The instructor shall have full discretion over what behavior is appropriate/inappropriate in the classroom. Students who do not attend class regularly or who perform poorly on class projects/exams may be referred to the Early Alert Program. This program provides students with recommendations for resources or other assistance that is available to help SFA students succeed.

CLASSROOM BEHAVIOR POLICY:

- Professional behavior is expected at all times and includes coming to class prepared and on time. Bring a copy of slides posted on D2L or an electronic device to view slides. All assignments are due at the beginning of class unless otherwise noted.
- Contribute to class discussions and group assignments/discussions.
- Silence phones and put away unless we are using them as a part of class.
- Be courteous and respectful of other students and instructor.
- No make-up quizzes will be given if a student comes in late and misses the quiz.
- 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.

DISCLAIMER

Introduction to Intellectual Property is a course designed to inform STEM students about the concepts of intellectual property. The material presented in this course is not intended nor should be construed as legal advice. Any individual seeking to pursue a patent or other protections accorded under law is encouraged to seek the advice of an attorney with expertise in such matters.
### Introduction to Intellectual Property

**Tentative Course Calendar – Fall 2020**

*Note: This syllabus is subject to change at the discretion of the instructor.*

<table>
<thead>
<tr>
<th>WEEK OF</th>
<th>Class topic or activity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aug. 24</td>
<td>Welcome to class, introduction/expectations/syllabus Introduction to Intellectual Property part 1 (SLO1)</td>
</tr>
<tr>
<td>Aug. 31</td>
<td><strong>Quiz 1</strong> Overview/anatomy of a patent (SLO3) A Brief History of Intellectual Property.</td>
</tr>
<tr>
<td>Sept. 14</td>
<td>Patent Attorney as a career – guest lecturer (SLO2)</td>
</tr>
<tr>
<td>Sept. 21</td>
<td><strong>Quiz 2</strong> Importance of Claims <a href="http://www.ipwatchdog.com/2013/05/25/patent-claim-drafting-101-the-basics/id=40886/">http://www.ipwatchdog.com/2013/05/25/patent-claim-drafting-101-the-basics/id=40886/</a></td>
</tr>
<tr>
<td>Sept. 28</td>
<td>Intellectual Property and Economics – guest lecturer(SLO2) James Blount, attorney and business law instructor at SFA Technology Transfer and Commercialization Jamie Humphries, Ph.D.</td>
</tr>
<tr>
<td>Oct. 05</td>
<td>Project/Paper Peer Review</td>
</tr>
<tr>
<td>Oct. 12</td>
<td><strong>Final – during class time</strong></td>
</tr>
</tbody>
</table>

**Important links:**

