Course Description: Patent Application is a continuation of the Introduction to Intellectual Property (CHE 472) at a more advanced level. The course will be specifically for the STEM technical support work required for the administrative steps toward filing a patent.

This course is for 2 credits and typically meets for 100 minutes a week for 15 weeks plus meets for a 2.5-hour final examination. Students have significant weekly reading and assignments involving critical thinking and reasoning. The course requires students to work in teams in and out of the class and participation in discussions during class. Students are assessed with assignments that cover the major areas of a patent application. The assignments will be reviewed and students will revise prior to the final submission. Assessment of student includes assignments, quizzes, and final exam. These activities average at a minimum 4 hours of work each week to prepare outside of classroom hours.

Number of Credit Hours: 2 semester hours

Course Prerequisites and Co-requisites: Prerequisite: CHE 471. (Introduction to Intellectual Property) 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 preparation of the application and administrative requirements for filing a patent.

Student Learning Outcomes: Upon completion of this course, students will be able to:
- read and understand a patent document
- search for patents and other related technical publications as a required part of patent applications
- understand what is needed to write a draft for each part of a patent applications

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:

Method of Evaluation: The point total for the semester is 300 points. 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 grading scale is ≥279 = A, ≥ 249 = B, ≥ 219 = C, ≥ 189 = D, <189 = F.

- **Quizzes**: Periodically quizzes will be given. (30 points)

- **Assignments**: Work in teams to create a draft of a patent application (200 points total). Tentative schedule shown in course calendar. Explanation of the 200 points is shown below.
  - (a) Specification, (b) Claims, (c) Figures & Abstract, (d) Information Disclosure Sheet, (e) Response to Office Action
  - Each of the (a) –(e) will require a rough draft and revision that is worth 50 points (5x50 = 150pts)
  - The final, formal entire document is worth 50 points.

- **Final Presentation**: Teams will present patent application (50 points).
  - Team will give a 15-20 minute oral presentation over their patent application which will include the reasoning/analytical/quantitative skills and logic used to develop the application. Teams may also include personal reflection on what they learned through this process.

- **Professionalism/Attendance/Contributions to teamwork**: (20 points)
  - Professionalism includes participating in discussion in a respectful manner and providing constructive criticism to help others refine assignments. A rubric will be given to team members to evaluate team contribution. Instructor will also complete assess each student’s contribution to the teamwork.
  - Two points will be subtracted for each unexcused absence.

**ATTENDANCE POLICY:**

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

**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. Any late work is 10% off per day beginning with the due date.
- Contribute to class discussions and group assignments/discussions.
- Contribute to teams in developing a draft patent application and presentation
- 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.
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<td>Welcome to class, introduction/expectations/syllabus</td>
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<td>Review of basic intellectual property terms and concepts</td>
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<td>Feb. 03</td>
<td>Review of basic intellectual property terms and concepts</td>
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<td>Feb 10</td>
<td>A look at the American Invents Act.</td>
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<td>Mar. 16</td>
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*Note: This syllabus is subject to change at the discretion of the instructor. Students will be notified in writing if any change to the syllabus is made.*

### Important Links:


Manual of Patent Examining Procedure (MPEP)

[https://www.uspto.gov/web/offices/pac/mpep/index.html](https://www.uspto.gov/web/offices/pac/mpep/index.html)

The Leahy Smith America Invents Act