Name: Dr. Julie Bloxson
Email: Bloxsonjm@sfasu.edu;
Phone: (936) 468-2355;
Office: 309 Miller Science;
Department: Earth Sciences and Geologic Resources
Office Hours: T: 10:30 am – 12:30 pm
W: 11:00 am – 12:00 pm
Th: 10:30 am – 12:30 pm
By apt also.

Class meeting time and place: TBA

Text and Materials:

Textbook: AAPG – IBA Course Notes Provided By AAPG

Course Description:

Petroleum Basin Evaluation - Study of Modern Petroleum Basins, Prerequisite: GEOL 4308 and 2342

Program Learning Outcomes

PLO 1. Demonstrate mastery of fundamental core geologic concepts (e.g., Economic Geology, Engineering Geology, Geochemistry, Geomorphology, Hydrogeology, Mineralogy, Petrology, Stratigraphy, and Structural Geology).

PLO 2. Demonstrate mastery of geologic procedures and methods accurately, appropriately, and efficiently, including incorporation of technology.

PLO 3. Students will conduct, present, and defend scientific research to show mastery of geologic concepts.

PLO 4. Students will demonstrate mastery in effective oral and visual communication.

PLO 5. Students will demonstrate mastery in effective written communication.

Student Learning Outcomes:

1. Properly identify and describe Petroleum Basins
2. Understand Petroleum Traps
3. Understand Petroleum generation and migration
4. Recognize depositional environments within sequences
5. Work with seismic and stratigraphic data
6. Determine deposition setting in relation to petroleum exploration
7. Properly determine cost of petroleum exploration

Course Requirements:
Petroleum Basin Evaluation is designed to provide an understanding of petroleum basin analysis and exploration. This is an independent group project of a basin with “real-world” data sponsored by the American Association of Petroleum Geologist. It is required that you present the findings at the semi-annual competition.

Course Calendar:

Data is received towards the end of January. From there:
1. Receive petroleum basin data from AAPG
2. Unpack and organize data
3. Interpret data
4. Work up prospects
5. Analysis Cost
6. Present at IBA Competition

Grading Policy:

Calculation of final grades:
Grade given by AAPG Evaluation of IBA Presentation

Credit Hours Justification
Meets for a minimum of 37.5 lecture contact hours during the semester, including the final exam. Students are required to complete assignments based on readings, periodic quizzes and exams over course content, and a final exam. Students will be required to complete in-class and out-of-class assignments that evaluate their comprehension of course materials. Successful completion of all elements for the course requires at least six additional hours of out-of-class work each week.

Academic Integrity
The Code of Student Conduct and Academic Integrity outlines the prohibited conduct by any student enrolled in a course at SFA. It is the responsibility of all members of all faculty, staff, and students to adhere to and uphold this policy.
Articles IV, VI, and VII of the new Code of Student Conduct and Academic Integrity outline the violations and procedures concerning academic conduct, including cheating, plagiarism, collusion, and misrepresentation. Cheating includes, but is not limited to: (1) Copying from the test paper (or other assignment) of another student, (2) Possession and/or use during a test of materials that are not authorized by the person giving the test, (3) Using, obtaining, or attempting to obtain by any means the whole or any part of a non-administered test, test key, homework solution, or computer program, or using a test that has been administered in prior classes or semesters without permission of the Faculty member, (4) Substituting for another person, or permitting another person to substitute for one’s self, to take a test, (5) Falsifying research data, laboratory reports, and/or other records or academic work offered for credit, (6) Using any sort of unauthorized resources or technology in completion of educational activities.
Plagiarism is the appropriation of material that is attributable in whole or in part to another source or the use of one’s own previous work in another context without citing that it was used previously, without any indication of the original source, including words, ideas, illustrations, structure,
computer code, and other expression or media, and presenting that material as one’s own academic work being offered for credit or in conjunction with a program course or degree requirements. 

Collusion is the unauthorized collaboration with another person in preparing academic assignments offered for credit or collaboration with another person to commit a violation of any provision of the rules on academic dishonesty, including disclosing and/or distributing the contents of an exam.

Misrepresentation is providing false grades or résumés; providing false or misleading information in an effort to receive a postponement or an extension on a test, quiz, or other assignment for the purpose of obtaining an academic or financial benefit for oneself or another individual or to injure another student academically or financially.

Withheld Grades - Semester Grades Policy 5.5

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. For additional information, go to [http://www.sfasu.edu/policies/course-grades-5.5.pdf](http://www.sfasu.edu/policies/course-grades-5.5.pdf).

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/).

Mental Health and Wellness

SFA 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:

**The Dean of Students Office**
Location: Rusk Building, 3rd floor lobby
www.sfasu.edu/deanofstudents
936.468.7249
dos@sfasu.edu

**SFA Human Services Counseling Clinic**
Location: Human Services, Room 202
www.sfasu.edu/humanservices/139.asp
936.468.1041

**The Health and Wellness Hub** “The Hub”
Location: corner of E. College and Raguet St.
To support the health and well-being of every Lumberjack, the Health and Wellness Hub offers comprehensive services that treat the whole person – mind, body and spirit. Services include:

- Health Services
- Counseling Services
- Student Outreach and Support
- Food Pantry
- Wellness Coaching
- Alcohol and Other Drug Education

www.sfasu.edu/thehub
936.468.4008
thehub@sfasu.edu

Crisis Resources:
- Burke 24-hour crisis line: 1.800.392.8343
- National Suicide Crisis Prevention: 9-8-8
- Suicide Prevention Lifeline: 1.800.273.TALK (8255)
- johCrisis Text Line: Text HELLO to 741-741

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