SYLLABUS
CHEM 542 - Environmental Chemistry
5:00pm - 6:40pm Tuesday and Thursday
Currens Hall 202
Fall, 2015

Instructor: Dr. J. Scott McConnell, Professor.

Office and Office Hours: The instructor’s office is 519A. Office hours are 1:00 - 4:00 Tuesday; 1:00 - 4:00 Thursday. Call the Chemistry Department (309-298-1538) or e-mail JS-McConnell@WIU.edu, and make an appointment prior to meeting.

Expense Materials Required: Costs for these materials are the responsibility of the student.

Text: No lecture text book is required for this course. Outside reading of materials may be suggested or required.

A scientific calculator.

The Primary Goals of CHEM 542:
1. Education of graduate students about the chemistry of natural phenomena.
2. Acquaint graduate students with concepts of how the chemistry of the environment influences biological dynamics including human culture.
3. Preparation of graduate students for professional positions in chemistry.

Prerequisites for CHEM 542: Chemistry 542 students must be graduate students in good standing with the Department of Chemistry at Western Illinois University.

Tests and Grading:
Four examinations are planned for the semester. The exams will be worth approximately 100 points each. Other assignments may be added at the instructor’s discretion. The exams and extra assignments will be 80% of your grade.

The term paper will also be worth 100 points and comprise the remaining 20% of your grade.

Please note: the following grading scale is rigorously followed. No unearned credit of any sort will be given to any student.

Course Grading Scale: Your letter grade will be based on percentages.

Course Grading Scale:
<table>
<thead>
<tr>
<th>Percentage (%)</th>
<th>Grade</th>
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<tbody>
<tr>
<td>90 - 100</td>
<td>A</td>
</tr>
<tr>
<td>80 - 89.9</td>
<td>B</td>
</tr>
<tr>
<td>70 - 79.9</td>
<td>C</td>
</tr>
<tr>
<td>60 - 69.9</td>
<td>D</td>
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<tr>
<td>&lt; 60</td>
<td>F</td>
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An “incomplete” grade will NOT be given to a student with a failing grade. No incomplete will be given to a student without documented evidence of an emergency that requires that the student be away from the university or requires that the student miss the final examination. Students shall notify the instructor of the emergency as soon as possible and prior to the final examination.

A student may not leave the classroom prior to completion of an examination.

**Attendance Policy:** You are expected to attend class regularly and punctually. You are responsible for all information and materials in sessions and classes whether you are present or not. Any student who receives six or more absences may be dropped from this course without notice.

Any student arriving more than ten minutes late for any exam, or the final examination may not be allowed to take or complete the assigned work at the instructor’s discretion. Any student attempting to turn in a homework assignment more than ten minutes late may not be allowed to turn in the assigned work at the instructor’s discretion. Leaving the classroom prior to completion of an exam is prohibited. When a student leaves the classroom, the exam is complete. If the student leaves the classroom with an exam without submitting the exam for grading, the value of the exam is zero. Additionally, the student may be prosecuted for academic dishonesty.

**Classroom and Course Policies:** Any student convicted of academic dishonesty will receive a failing grade and may be subjected to further academic penalty, including expulsion. See the WIU academic dishonesty policy (http://www.wiu.edu/policies/acintegrity.shtml).

**CHEATING WILL NOT BE TOLERATED.**

Data storage or data transfer devices (including but not limited to: notes, cell phones, iPods, and similar devices) are **NOT** to be used in CHEM 542. Cell phones should be turned off and put away during all class meetings. The use of any data storage or data transfer devices during any quiz, laboratory exercise, test or the final examination shall constitute **CHEATING**.

Scientific calculators may be used after they are completely cleared of all information and programmed functions.
No head covering of any sort (including but not limited to: hats, caps, hoods, and scarves) may be used during the taking of a quiz, exam, or the final examination without specific permission of the instructor.

Assigned seating, rearrangement of seats, and closing of selected seats and areas of the classroom are the option of the instructor.

**Work Requirements for CHEM 542 outside the Classroom:** Students are expected to read, review, study and learn all material discussed. A term paper will be composed to fulfill the requirements for CHEM 542.

**Emergency Preparedness:** WIU Office of Risk Management and Emergency Preparedness provides resources on how to respond to emergency situations. Please view the video resources at www.wiu.edu/rmep/ (Click “Resources” on the right side of the page).

**Students with Disabilities:** In accordance with University values and disability law, students with disabilities may request academic accommodations where there are aspects of a course that result in barriers to inclusion or accurate assessment of achievement. To file an official request for disability-related accommodations, please contact the Disability Resource Center at 309-298-2512, disability@wiu.edu or in 143 Memorial Hall. Please notify the instructor as soon as possible to ensure that this course is accessible to you in a timely manner.

**The Following Action is Prohibited under the Student Conduct Code:** Disorderly Conduct. Disorderly conduct is defined as any behavior which disrupts the regular or normal functions of the University community, including behavior which breaches the peace or violates the rights of others. (http://sjp.wiu.edu/CodeOfConduct/index.asp)

**Student Rights and Responsibilities:** Student rights and responsibilities are listed on the WIU website (http://www.wiu.edu/provost/students/).
Tentative Course Content and Projected Exams
(Subject to Change)

Lecture Topics and Examinations

Hydrospheric Chemistry    Examination 1 (Late September)
Lithospheric Chemistry    Examination 2 (Late October)
Atmospheric Chemistry     Examination 3 (Late November)
Energy Production         Examination 4 (Final Examination)

Final Exam Schedule may be found at
http://www.wiu.edu/registrar/exams.php

Important Dates:

<table>
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<tr>
<th>Date (Fall, 2015)</th>
<th>Event</th>
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<tbody>
<tr>
<td>August 24, Mon.</td>
<td>Classes Begin</td>
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<tr>
<td>September 7, Mon.</td>
<td>Labor Day - No Classes/University Closed</td>
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<tr>
<td>October 16, Fri.</td>
<td>Fall Break - No Classes</td>
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<tr>
<td>November 23-27, Mon.-Fri.</td>
<td>Thanksgiving Break - No Classes</td>
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<tr>
<td>December 14-18, Mon.-Fri.</td>
<td>Final Exam Week</td>
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Any situation, condition, or circumstance not covered in the syllabus is subject to the decisions of the instructor, only.