Midland College Syllabus
2018 - 2019
CHEM 1405
Introductory Chemistry Lecture
4 Semester Credit Hours
(3 Lecture/4 Lab)
Core Curriculum Course

Instructor Information:
Instructor: Click here to enter text. Office: Click here to enter text.
Phone: Click here to enter text. Email: Click here to enter text.
Office Hours: Click here to enter text.

Notice: Students MUST actively participate by completing an academic assignment required by the instructor by the official census date. Students who do not actively participate in an academically-related activity may be reported as never attended and dropped from the course.

Course Description:
This survey course for non-science and allied health majors will enable these students to comprehend the fundamental concepts of chemistry and will fulfill four credit hours of the lab science requirement. Topics may include inorganic, organic, biochemistry, food/physiological chemistry, and environmental/consumer chemistry. Pre-requisite: TSI complete in Reading and Math.

Core Objectives:
This course fulfills four hours of the Life and Physical Science requirement in the Midland College Core Curriculum. The Core Curriculum is a set of courses that provide students with a foundation of knowledge, skills and educational experiences that are essential for all learning. Please visit the Midland College Catalog for any questions about the core. As part of the core, this course addresses the following four objectives:

Critical thinking skills – Students will demonstrate critical thinking skills by using appropriate calculations, analyzing experimental data, developing conclusions based upon trends in the data in course assignments, instructor created proctored exams, a departmental final exam, and in the execution of laboratory experiments/reports.

Communication skills – Students will document observations, qualitative and quantitative data during the lab period. They will answer questions based on observations and hypothetical situations presented in each lab report.

Empirical and Quantitative skills – Students will demonstrate empirical and quantitative skills by analyzing real-world applications of mass measurement, volume measurement, concentration assessment, stoichiometry, titrations, paper
chromatography, spectrophotometry, through course assignments, instructor created proctored exams, and a departmental final exam.

Teamwork – Students will work in groups of two or more to conduct laboratory experiments. Students will be graded on the quality of their data acquired together in addition to their individual conclusions.

**Text, References and Supplies:**
- Scientific Calculator (Cell phones will not be permitted for use on tests.)

**Student Learning Outcomes:**
After successful completion of this course, a student will be able to answer descriptive questions and to work word problems like those assigned in the text.

**Student Contributions, Responsibilities and Class Policies:**
Students will be expected to comply with the policies outlined in the Midland College student handbook. Instructor policies concerning attendance and academic behavior are consistent with the policies in the student handbook. Regular attendance is required to do well in this class.

**Attendance Policy:**
It is the responsibility of the students to know the policies and procedures associated with absences. These policies are set by instructors. Excused absences may include, but are not limited to, illness, severe weather, and death in the family. Instructors will determine whether or not an absence is excused. Please visit the Midland College Catalog

**Withdrawal Policy:**
Students who have enrolled in a Texas public institution of higher education as a first-time freshman in fall 2007 or later are permitted to drop no more than six courses during the entire undergraduate career. This limit includes all transfer work taken at a Texas institution of higher education and to second baccalaureate degrees. This statute was enacted by the State of Texas in spring 2007 (Texas Education Code 51.907). Any course that a student drops after Census Day is counted toward the six-course limit if “(1) the student was able to drop the course without receiving a grade or incurring an academic penalty; (2) the student’s transcript indicates or will indicate that the student was enrolled in the course; and (3) the student is not dropping the course in order to withdraw from the institution.” Please visit the Midland College Catalog

**Scholastic Dishonesty:**
Midland College does not tolerate scholastic dishonesty or academic misconduct in any form. Please read the MC Student Handbook on this subject. Please visit the Midland College Catalog
Evaluation of Students:

<table>
<thead>
<tr>
<th>Assessment Type</th>
<th>% of Grade</th>
<th>Grade Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lecture Exams</td>
<td>65%</td>
<td>A=90%</td>
</tr>
<tr>
<td>Lecture Assignments &amp; Quizzes</td>
<td>10%</td>
<td>B=80%</td>
</tr>
<tr>
<td>Lab Average</td>
<td>25%</td>
<td>C=70%</td>
</tr>
<tr>
<td></td>
<td></td>
<td>D=60%</td>
</tr>
<tr>
<td></td>
<td></td>
<td>F=below 60%</td>
</tr>
</tbody>
</table>

Students will be evaluated based on the results of examinations given throughout the semester. Your lecture instructor will inform you on the first day of class as to the tentative dates and content for each exam. Students are expected to complete each exam. All normal lecture exams count equally. **There will be no makeup exams this semester.** The Final exam score counts as a normal exam and replaces your worst exam score if higher, or one missed exam score. (See Instructor Make-up Policy)

Course Schedule:

This class meets for 3 lecture hours per week and 4 laboratory hours per week. For a tentative schedule of the class meetings and laboratory meetings, please refer to the schedule distributed to each student on the first class meeting (See Instructor Handout).

ADA Statement:

Midland College provides services for students with disabilities through Student Services. In order to receive accommodations, students must place documentation on file with the Counselor/Disability Specialist. Students with disabilities should notify Midland College prior to the beginning of each semester. Student Services will provide each student with a letter outlining any reasonable accommodations. The student must present the letter to the instructor at the beginning of the semester.

Math/Science Division Information:

<table>
<thead>
<tr>
<th>Division Dean:</th>
<th>Dr. Margaret Wade</th>
<th>125 AHSF</th>
<th>432-685-4615</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dept. Chair:</td>
<td>Mr. John Anderson</td>
<td>202 FSB</td>
<td>432-685-6737</td>
</tr>
<tr>
<td>Division Secretary:</td>
<td>Mrs. E. Carol Pritchard</td>
<td>124 AHSF</td>
<td>432-685-6404</td>
</tr>
<tr>
<td>Division Clerk:</td>
<td>Ms. Sarah Anderson</td>
<td>124 AHSF</td>
<td>432-685-6896</td>
</tr>
</tbody>
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Midland College does not discriminate on the basis of race, color, national origin, sex, disability or age in its programs and activities. The following individuals have been designated to handle inquiries regarding the non-discrimination policies: **Tana Baker,** Title IX Coordinator/Compliance Officer, 3600 N. Garfield, SSC 242, Midland, TX 79705, (432) 685-4781, t.baker@midland.edu; Natasha Morgan, Director Human Resources/Payroll, 3600 N. Garfield, PAD 104, Midland, TX 79705, (432) 685-4534, nmorgan@midland.edu. For further information on notice of non-discrimination, visit [http://wdcrobcollp01.ed.gov/CFAPPS/OCR/contactus.cfm](http://wdcrobcollp01.ed.gov/CFAPPS/OCR/contactus.cfm) or call 1 (800) 421-3481.

Spanish
Midland College no discrimina por motivos de raza, color, nacionalidad, sexo, discapacidad, o edad en sus programas o actividades. Las siguientes personas han sido designadas para responder a cualquier pregunta o duda sobre estas políticas no discriminatorias: **Tana Baker, Title IX Coordinator/Compliance Officer, 3600 N. Garfield, SSC 242, Midland, TX 79705, (432) 685-4781, tbaker@midland.edu; Natasha Morgan, Director Human Resources/Payroll, 3600 N. Garfield, PAD 104, Midland, TX 79705, (432) 685-4534, nmorgan@midland.edu.** Para más información sobre estas políticas no discriminatorias, visite [http://wdcrobcopl01.ed.gov/CFAPPS/OCR/contactus.cfm](http://wdcrobcopl01.ed.gov/CFAPPS/OCR/contactus.cfm) o llame al 1 (800) 421-3481.

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