

Course Title
CHEM 1285 –Semester, Year
Professor Mike Tiger, VI

Course Description: This is the course description from the LSU catalog.

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Textbook: The Central Science by Brown, LeMay, Bursten, 11th edition

Course Objectives:

15 Week Course Outline:

Week 1	Chapter 1	Energy and enthalpy
Week 2	Chapter 2	Entropy, equilibrium, and ocean tides
Week 3	Chapter 3	Free energy
Week 4	Chapter 3	Energy and China
Week 5	Exam 1	Coverage: Chapters 1,2,3
Week 6		
...
Week 15	Review	Cumulative

GRADING Policy:

LSU letter grades will be assigned according to this table. Your end of semester numerical grades are rounded up to whole numbers (for example, 94.49 = 94, 94.50 = 95)

A+	98-100
A	94-97
A-	90-93
B+	87-89
B	84-86
B-	80-83
C+	77-79
C	71-76
C-	68-70
D+	65-67
D	62-64
D-	58-61
F	57 and below

Final grades will be computed from the following activities:

Three in-class exams	30%
Final exam (cumulative)	25%
Homework	15%
Capstone Project	15%
Participation	10%
Attendance	5%

Description of Activities that will be Graded: Describe the activity and the method that will be used to assign a grade.

Three Exams

Exams will be taken in class on scantrons. Exam content will address both conceptual understanding and numerical problem solving. The exam grade will be computed as % correct.

Final Exam A comprehensive final exam will be taken on scantrons at the time and date published in the LSU scheduling book. The exam grade will be computed as % correct.

Homework

Homework will be done using the WebAssign online homework system. The homework grade is calculated as an average of the individual percent grades. Due dates are listed on the WebAssign website. Further instructions can be found on the course Moodle site.

Capstone Project

Describe what the student is expected to do, how students are expected to work (individually or in groups), how conflicts will be resolved, how the project will be graded, and the time line for submission. Describe any special activities students must do to complete the project. Examples: (1) Prior to beginning the project, students must file forms and obtain approval from the IRB board to use human test subjects. (2) Students must pass the laboratory safety exam with a grade of B or higher. This exam is administered by the department and can be taken a maximum of two times. Students may not begin the project until this requirement has been satisfied.

Participation

The class participation grade should be used to access participation in classroom activities but should not be used to access attendance. The syllabus must specify what activities will be accessed, how the assessment will be determined, and how accommodations will be handled for excused absences. Example: Students will work in groups of 2-3 to solve problems in class. Answers will be submitted using the Turning Point instant response system (clicker). Your in class participation grade will be calculated from this equation:

$$\text{Participation Grade} = \frac{(\text{Your total clicker Pts})}{\text{Total Semester Points}} \times 100$$

“Total Semester Points” in the above equation is adjusted for each student to accommodate excused absences.

Class Attendance

The syllabus must specify how the class attendance grade will be determined and how accommodations will be handled for excused absences. Example: Your attendance grade will be calculated from this formula, where N represents the number of class meetings in the semester:

$$\text{Attendance Grade} = \frac{(N + 3 - (\text{Number of Unexcused absences}) \times 2)}{N} \times 100$$

The attendance grade has a minimum of 0% and a maximum of 100%.

It must also include a [link](#) to PS22 Student Absence from Class.

LSU student code of conduct

The LSU student code of conduct explains student rights, excused absences, and what is expected of student behavior. Students are expected to understand this code as described [here](#). Any violations of the LSU student code will be duly reported to the Dean of Students.

Expectations

LSU’s general policy states that for each credit hour, you (the student) should plan to spend at least two hours working on course related activities outside of class. Since this course is for three credit hours, you should expect to spend a **minimum of six** hours outside of class each week working on assignments for this course. For more information see: <http://catalog.lsu.edu/content.php?catoid=12&navoid=822>.

Disability Services

Each course syllabus should contain a statement reflecting compliance with The Americans with Disabilities Act and the Rehabilitation Act of 1973, as amended, Section 504. [This link](#) contains 4 example statements.

Integrative Learning Core (if applicable)

Integrative Learning Core include the following statement: Integrated learning allows students to make simple connections among ideas and experiences and across disciplines and perspectives. The LSU Integrative Learning Core (ILC) curriculum is designed to develop student abilities to transfer their learning to new situations and demonstrate a sense of self as a learner. A fundamental goal of the ILC is to foster students' practical and intellectual capacities associated with integrative learning in preparation for high competence and functionality in their post-baccalaureate careers. This course fulfills the BoR Area of _____ and provides students experience with the ILC proficiency of _____.

Certification Syllabus Statement (if applicable)

This is a certified Communication-Intensive (C-I) course which meets all of the requirements set forth by LSU's Communication across the Curriculum program, including

- instruction and assignments emphasizing informal and formal [mode 1] and [mode 2];
- teaching of discipline-specific communication techniques;
- use of feedback loops for learning;
- 40% of the course grade rooted in communication-based work; and
- practice of ethical and professional work standards.

Students interested in pursuing the LSU Communicator Certificate and/or the LSU Distinguished Communicator Medal may use this C-I course for credit. And don't forget to check out the CxC Studio resources for additional support with all your communication projects in this class and beyond! For more information, visit www.cxc.lsu.edu.

Link to [statements](#) that should be used for courses using CxC.

Service-learning (if applicable)

Link to [statements](#) that should be used for courses that are designated Service-learning.

Academic Success

The primary ingredients of your academic success are attending class, managing your time efficiently, taking good notes, and developing good critical thinking and communication abilities. LSU has a number of excellent resources that will assist you in developing these skills. The place to begin is the [Center for Academic Success](#). The CAS offers guidance on what learning strategies are best suited to your talents, tutoring in the basic subjects, and workshops on a variety of topics, from note taking to time management. [Communication Across the Curriculum](#) assist students in developing the communication skills necessary for academic and professional success. Finally, with respect to professional success, the [LSU Olinde Career Center](#) can assist you in choosing a major and a profession that best suits your talents and passions and help you develop a four year career plan to ensure success when you graduate from LSU.

Diversity, Equity & Inclusion Statement

We believe diversity, equity, and inclusion enrich the educational experience of our students, faculty, and staff, and are necessary to prepare all people to thrive personally and professionally in a global society. Therefore, LSU is firmly committed to an environment that affords respect to all members of our community. We will work to eliminate barriers that any members of our community experience.

To make LSU a place where that can happen, we must recognize and reflect on the inglorious aspects of our history. We now acknowledge the need to confront the ways racism, sexism, ableism, ageism, classism, LGBTQ+ phobia, intolerance based on religion

or on national origin, and all forms of bias and exploitation have shaped our everyday lives.

We accept personal and professional responsibility to eliminate bias and oppression wherever they are found. We understand our obligation to speak up when we see bias whether it be in our teaching, study, or daily work. Our community will educate themselves proactively and continuously about how to intervene and bring bias to the attention of others with commitment and compassion.

We will hold ourselves accountable for our actions and inactions, and for maintaining intentional, measurable, and meaningful efforts to enhance diversity, equity, and inclusion, including through ongoing evaluation of our policies, practices, and procedures.

Nondiscrimination, Sexual Harassment, & Title IX

LSU provides equal opportunity for all qualified persons in admission to, participation in, or employment in the programs and activities which the university operates without regard to race, creed, color, marital status, sexual orientation, gender identity, gender expression, religion, sex, national origin, age, mental or physical disability, or veteran's status. LSU has implemented a procedure to address complaints for those who believe they have been subjected to discrimination and/or harassment in violation of this policy. Please know that your instructors are here to support you and listen to your experience. We also want you to know that we are mandatory reporters and must report what we know to the Office of Civil Rights and Title IX. All LSU employees, with few exceptions, are required to report instances of sex- or gender-based harassment and discrimination, including sexual misconduct and power-based violence (e.g., sexual assault, stalking, dating violence, domestic violence, sexual exploitation, retaliation, etc.) for which they may not be the victim, but of which they are aware. The Office of Civil Rights & Title IX is the LSU office responsible for investigating complaints regarding any type of discrimination, sexual harassment, or power-based violence. The Office of Civil Rights & Title IX is located in 118 Himes Hall and the phone number is (225) 578-9000. If you are aware of an individual who has been victimized, you are encouraged to contact the Office of Civil Rights & Title IX or file an online report by visiting [LSU's Domestic & Sexual Violence Support and Reporting](#) website and clicking the [Report an Incident](#) box. If you have been assaulted, harassed, or a victim of violence, we encourage you to contact the Office of Civil Rights & Title IX. Please reach out for help immediately. Some excellent resources available to Baton Rouge residents include:

- STAR (Sexual Trauma Awareness and Response; 24/7 hotline: (855) 435-STAR (7827))
- IRIS Domestic Violence Center; 24/7 hotline: (800) 541-9706
- The Lighthouse Program; (225) 578-5718
- VIA LINK; (800) 273-TALK (8255) [national line but answered from New Orleans]

National resources include:

- RAINN (Rape, Abuse & Incest National Network); 24/7 hotline: (800) 656-4673
- National Sexual Violence Resource Center

For additional information, visit www.lsu.edu/civil-rights the [Office of Civil Rights & Title IX](#) and review [PM-73](#) (Prohibiting Power-based Violence, including Sex- and Gender-based Harassment and Discrimination, and Sexual Misconduct).

Suggested additional items:

It is suggested that the syllabus include anticipated timelines for returning graded coursework, and a course communications policy.