

## **BIOL 6520: Molecular Biophysics (Fall 2011)**

### 1. Course Information

- Course number and section: BIOL 6520 A
- Course name: Molecular Biophysics
- Hours of credit: 3
- Pre requisites or

- Course objectives or outcomes:
  - ∅ Describe basic terminology used in thermodynamics and kinetics.
  - ∅ Perform basic manipulations of thermodynamic and kinetic equations.
  - ∅ Interpret biochemical phenomena in terms of thermodynamics and kinetics.
  - ∅ Recognize the importance of physics and chemistry in the biological sciences.
  - ∅ Demonstrate literature analysis capability.

#### 5. Assignments (explicitly aligned with the goals, objectives, or outcomes)

- General description of the assignments: You need to read the textbook before and after the lecture. Also doing the exercise questions should enhance your understanding of the subject.
- Policies for missed assignments, make up assignments, late assignments, and/or extra credit: There will be no extra credit in this course.

#### 6. Assessment or Evaluation Policy

- Explanation of how grades are assigned: Grading will be based on the scores you get from the tests.

Class points (CP) = ( Test i score 36070TD0Tc0003>Tj/TT41Tft0TD130TD0Tc00031Tf1.02730TD7Tc(re)5.9(d).10

7. Schedule of Activities or Assignments, including university scheduled final exam time (all schedule is tentative and may be subject to

## 8. Classroom Policies

- Attendance and tardiness: Any absence policy should conform to the university policy.  
University Attendance Policy from the VSU catalogue:  
*"The University expects that all students shall regularly attend all scheduled class meetings held for instruction or examination. When students are to be absent from class, they should immediately contact the instructor. A student who misses more than 20% of the scheduled classes of a course will be subject to receive a failing grade in the course."*
- Accommodations Statement:  
From VSU's Access Office <http://www.valdosta.edu/access/facresources.shtml>:  
*"Students requesting classroom accommodations or modifications due to a documented disability must contact the Access Office for Students with Disabilities located in the Farber Hall. The phone numbers are 245 2498 (V/VP) and 219 1348 (TTY)."*
- Academic Integrity: You know that cheating is a bad thing to do. Students caught cheating will receive a grade of F for the test in question and will be reported to the Dean of Students. You are expected to follow VSU's Academic Integrity Code.  
From VSU's Academic Integrity Code (the full code is available at <http://www.valdosta.edu/academic/AcademicHonestyPoliciesandProcedures.shtml> :  
*"Academic integrity is the responsibility of all VSU faculty and students. Faculty members should promote academic integrity by including clear instruction on the components of academic integrity and clearly defining the penalties for cheating and plagiarism in their course syllabi. Students are responsible for knowing and abiding by the Academic Integrity Policy as set forth in the Student Code of Conduct and the faculty members' syllabi. All students are expected to do their own work and to uphold a high standard of academic ethics."*
- Classroom demeanor or conduct: Every student should make the lecture a comfortable and enjoyable learning experience. Late entry to the class room or leaving early is bad behavior. Common sense should be practiced and expected.
- Communication: All VSU related correspondence should be conducted via VSU email addresses for both student and instructor.

## 9. Additional Information (at instructor's discretion)

- Expectations for competencies such as writing, technology skills, or performance: Students should be able to describe biological phenomena at the cellular level in terms of physics and chemistry.
- Instructional philosophy: I believe reading one book ten times is better than reading ten books one time each. This is the case for this course. Students are encouraged to practice all the exercise and examples in the textbook ten times.
- Strategies used to support learning: Students should take advantage of my office hours. Studying as a group (study group) should be a good idea.