COURSE SYLLABUS
PHYSICS 5308 (40348): Molecular Biophysics
Spring 2010
(Updated 1/14/2010)

Instructor: Dr. Juyang Huang, Phone: 806-742-4780, E-mail: juyang.huang@ttu.edu

Lecture: T/Th 9:30-10:50 AM in Science 112

Office Hours: T/Th 11:00-11:50 AM in Science 35, or by appointment

Textbook: Biological Physics: Energy, Information, Life (Updated First Edition)

Course Goals: Understand the biophysical principles of structures, dynamics and function of various biological molecules and their assemblies at the molecular level. Students are expected to be able to apply key principles to their research and to everyday life. Progress will be assessed through homework, in-class discussions, a term paper and a final presentation.

Important: You are expected to spend many hours outside of class each week reviewing lectures and working on homework. View new material in the textbook before each lecture.

Grading Policy:

<table>
<thead>
<tr>
<th>Component</th>
<th>Percentage</th>
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<tbody>
<tr>
<td>Homework</td>
<td>30%</td>
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<tr>
<td>Quizzes</td>
<td>20%</td>
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<tr>
<td>5-Page Term Paper</td>
<td>30%</td>
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<tr>
<td>40-Minute Presentation</td>
<td>20%</td>
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Translation to Letter Grades: $100 \geq A \geq 86 > B \geq 72 > C \geq 58 > D \geq 44 > F$

Homework: Problems will be assigned from the textbook and other sources. These will be collected and graded. You may discuss homework assignments with your classmates or use online resources for help, but you must submit your own work. Homework is due in Dr. Huang’s office or mailbox no later than 4:30 PM on the due date. The penalty for late homework is 10 points per day.

Attendance: You are expected to attend ALL lectures and presentations unless you have an emergency. The first non-emergency absence will be excused. Any additional non-emergency absences will reduce your semester grade by 1% per absence.

Withdrawal Policy: Automatic “W” before the posted deadline, otherwise a letter grade.

Disability: Any student, who because of a disabling condition requires special arrangements in order to meet the course requirements, should contact the instructor as soon as possible so that necessary accommodations can be made. Proper documentation of the disability must be presented from the Office of the Dean of Students.

Academic Dishonesty will not be tolerated and will be treated according to the Student Handbook rules.