Laboratory Instructor: __________
Section: __________

Laboratory Coordinator:
Dr. Keith West
Office: SC 116
Phone: 806-742-3761
Email: keith.h.west@ttu.edu

Laboratory Manual: The manual is available in the bookstore and has a green cover.

Meeting Place: Science Building 105  Note: No food or drinks are allowed in the laboratory, including bottles and cups with lids.

Pre-Lab preparation sheet: Each laboratory has a pre-lab preparation sheet. You should read through the laboratory and answer the questions on the pre-laboratory preparation sheet before coming to class. The sheets will be collected and graded for completion. Points will be subtracted from the participation part of your grade, if the pre-lab is not completed and turned in.

Laboratory homework: A laboratory homework will be assigned each week. It will be turned in the following week at the beginning of the laboratory period. It is late after the beginning of the laboratory period and late laboratory homework will not be accepted. The laboratory homework will count as 25% of your laboratory grade.

Participation: Coming to class on time, not leaving early and being “on-task” when you are in the lab counts as part of your participation grade. Also, working the pre-lab sheets and participation in departmental assessment, which may include a general pre-test, post-test or other surveys, will count toward your participation grade. For all of these things, you will get full credit, if you do them, such as filling out the pre-lab sheets, any surveys or pre- or post-tests administered, and points will be subtracted from your participation grade, if you do not do them. They will not be graded, except for completion. However, if they are not completed or are not taken seriously, you will have points taken off. Participation will count as 30% of your grade.

Laboratory experiments: The laboratory experiments are as listed in the laboratory manual, except that they may not always be worked in the same order as in the manual. Also, additional laboratories have been added to the schedule. They will be provided to you the week before, either with handouts or by email. Performing the experiment will count as 45% of your grade.

Tentative list of laboratory experiments:
1. Laboratory Orientation
2. Kinematics
3. 2-D Motion
4. Forces and Newton’s Law
5. Frictional Forces
6. Work and Energy
7. Energy
8. Collisions
9. Rotational Dynamics I
10. Rotational Dynamics II
11. Simple Harmonic Motion

There will be an additional laboratory activity added to this list in the second half of the semester. You will be given further details the week before that lab is given.

**Grading:**

- Laboratory: 45%
- Laboratory homework: 30%
- Participation: 25%

Any student who, because of a disability, may require special arrangements in order to meet the course requirements should contact the instructor as soon as possible to make any necessary arrangements. Students should present appropriate verification from Student Disability Services during the instructor’s office hours. Please note instructors are not allowed to provide classroom accommodations to a student until appropriate verification from Student Disability Services has been provided. For additional information, you may contact the Student Disability Services office in 335 West Hall or 806-742-2405.