

Introduction

CSD2301: Motion Dynamics

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Organization of Course

Lectures	Tuesday 9am – 11am, Thursday 9am – 11am
Assignments	2 individual assignments.
Quizzes	2 quizzes. Closed book (one A4 cheat sheet allowed). 60 mins each. 10 MCQs each.
Exams	2 exams. Closed book (one A4 cheat sheet allowed). 100 mins each. 20 MCQs each.
Practical (lab)	8 lab sessions. Friday (various timings). Follow lab schedule. Lab assignments have to be submitted and will be graded.

Assessment

Components	%	Comments
Assignments	20	Assignment 1 – 8% Assignment 2 – 12%
Quizzes	16	Each quiz is 8%.
Midterm exam	20	
Final exam	24	
Lab	20	Activity/Participation – 8% Lab assignments – 12%
Total	100*	

*There may be moderation of results at the end to determine your final grade.

Lessons

- Must attend all lectures/tutorials. Mark attendance on Moodle.
- Encouraged to browse through notes before lesson.
- Will be going through notes and worked examples.
- Will let you do some practices in class before going through solutions.
- Any activity which affects learning of other students is prohibited – loud talking, snoring etc.

Quizzes and Exams

- Questions in MCQ formats
 - Don't think these are easier than open-ended questions
 - These are actually harsher because no marks for effort 😊
- Will have easy and difficult questions

Quizzes and Exams

- Make-ups are allowed **only if you have a valid excuse** for absence.
 - Quiz 1, Exam 1, Quiz 2 and Exam 2 will share only ONE make up (following Exam 2 format).
 - If you miss the make-up session, no further make-up would be allowed.
 - Generally more difficult.
 - Make-up weightage can only account for a **maximum of up to 24%** and the weightages cannot split. For e.g.:
 - If you miss Quiz 1 and Quiz 2, the make-up can account for both which will be 16%.
 - If you miss Exam 1 and Quiz 2, the make-up can account for only Exam 1 which will be 20%.
 - If you miss Quiz 1 and Exam 2, the make-up can account for only Exam 2 which will be 24%.

Assignments

- **Strictly must** submit before deadlines.
- Assignment 1 – MCQ format. Similar to quizzes/exams but you can take your time to do.
- Assignment 2 – Choose one game/movie that you are familiar with. Discuss interesting physics that you observe. More details to be given in a separate PDF file.

Learning Resources

- Hugh D. Young, Roger A. Freedman, University Physics with Modern Physics, Pearson, 12th Edition (or newer editions)