

Physics 212

Intermediate Mechanics Spring Semester 2002

- Room:* Seaver Hall 109
Time: MWF 11:00 - 11:50 AM
- Instructor:* Dr. Gabriele Varieschi
Office: Seaver Hall - 110
Phone: (310) 338-7632
E-mail: gvariesc@lmu.edu
Office hours: M 10:00 am - 11:00 am.
WF 10:00 am - 11:00 am; 12:00 noon - 1:00 pm; and by appointment.
- WEB-PAGE:* <http://www.lmu.edu/acad/personal/faculty/gvariesc/>
- Required Text:* **Fowles & Cassiday – Analytical Mechanics – Saunders College Publishing**
(we will try to cover at least chapters 1-7 and 10 of this book)
- Other useful books:*
(not required)
Sanny & Moebs - University Physics – WCB (elementary intro to mechanics)
Marion & Thornton – Classical Dynamics – Saunders College Publishing (a more advanced undergraduate text)
Goldstein – Classical Mechanics – Addison-Wesley (a leading graduate level textbook)
- Tests:* There will be three tests during the semester. They will all count toward your final grade, so please try not to miss any of them.
- Test Dates:* TBA
- Final Exam:* Monday, May 6, 11:00 am, Seaver 109.
The final exam is cumulative and is equivalent to 2 tests.
- Homework:* Homework assignments will be given, typically one for each chapter of the book. Problem sets will be collected, graded, and will count toward the final grade. Solutions to the problems will be reviewed in class, with student participation.
- Grading:*
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| Homework | 15 % |
| Test 1 | 17 % |
| Test 2 | 17 % |
| Test 3 | 17 % |
| Final Exam | 34 % |
- Test Grading (approx.):* <50%=F; 50-54%=D; 55-69%=C range; 70-84=B range; >84=A range.

Have a good semester. Good luck !