

# Physics 476 Syllabus, spring 2013

**Instructor: Eugeny E. Mikhailov.**

- Office: Small Hall 253
- Email: [eemikh@wm.edu](mailto:eemikh@wm.edu)
- Office Hours: MWF 9:30-10:30 and by appointment.

**Topics to be covered.**

- Celestial Sphere
- Tools for astronomy
- Solar system
- Physics of stars
- Cosmology

**Required Textbook.**

An Introduction to Modern Astrophysics (2nd Edition) by Bradley W. Carroll and Dale A. Ostlie. Available at [WM book store](#) and [amazon](#).

- ISBN-10: 0805304029
- ISBN-13: 978-0805304022

There is a copy of the book reserved at the library.

**Evaluations.**

Your final grade for the course will be determined from the following grading weight distribution:

- Homeworks: 45%
- Midterm projects: 30%
- Final project: 25%
- Extra credit: presentation at the end of the class equals to one home work

**Grading.**

Grade	Score percentage	Grade	Score percentage	Grade	Score percentage
		A	94-100	A-	90-94
B+	87-90	B	84-87	B-	80-84
C+	77-80	C	74-77	C-	70-74
D+	67-70	D	64-67	D-	60-64
F	<60				

**Project/homework report key parts.**

- **due date:** corresponding Monday at 2 pm i.e. I will collect reports at the end of our class.

**Late submission penalties.**

For each consequent day after due date there will be a penalty (10% out of maximum possible score). Even if a submission happens 1 minute after due date, it holds 1 day penalty.

**Illness.**

Please notify the instructor if you are ill, so that arrangements can be made to help you with missed material or delayed submissions.

**Important dates.****Spring Break.**

- 2 March - 10 March

**Midterms.**

- 18 February 2013 Midterm 1
- 18 March 2013 Midterm 2

**Final Exam.**

- 08 May 2013 Final exam in Small Hall 235 at 14:00