

# Physics 476 - Syllabus, Spring 2015

## 1 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.

## 2 Topics to be covered.

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

## 3 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.

## 4 Evaluations.

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

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

Occasionally I will make mistakes: typos, etc. If you report them or prove me wrong, you will get an extra bonus.

## 5 Grading.

Grade	Score %	Grade	Score %	Grade	Score %
		A	94-100	A-	90-94
B+	87-90	B	84-87	B-	80-84

Grade	Score %	Grade	Score %	Grade	Score %
C+	77-80	C	74-77	C-	70-74
D+	67-70	D	64-67	D-	60-64
F	<60				

## 6 Homework report key parts.

- **due date:** corresponding Monday at the beginning of the class.

### 6.1 Late submission penalties.

For each consequent day after due date there will be a penalty (5% out of maximum possible score). Even if a submission happens 1 minute after due date, it holds 1 day penalty. There is a way to get submission extensions if you ask in **advance**.

### 6.2 Illness.

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

## 7 Important dates.

### 7.1 Spring Break.

- 7 March - 15 March

### 7.2 Midterms.

- 23 February 2015 Midterm 1
- 30 March 2015 Midterm 2

### 7.3 Final Exam.

- 07 May 2015 Final exam in Small Hall 235 at 14:00