

## PH523 - General Relativity

Instructor: Dr. Harms

Office: 335 Gallalee

Prerequisite: PH501 (Graduate classical mechanics) or equivalent

Text: *Gravitation and Cosmology: Principles and Applications of the General Theory of Relativity*, S. Weinberg

Additional References:

*Gravitation*, C. Misner, K. Thorne and J. Wheeler;  
*Gravity*, J. Hartle

Material covered: Chapters 2 - 7, 12, 8, 10

Course grade:

1. Homework	25%
2. Midterm	30%
3. Final	<u>45%</u>
	100%

Office hours: TR 10-11:30

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Final Examination: Tuesday December 9th, 8:00 a.m.