Instructor: George E. McCluskey, Jr.

Course Schedule: MWF 2:10 – 3:00; Lewis Lab 514

Office: Lewis Lab 409
   x83721; cgm0@lehigh.edu
   Office Hours: To be arranged
   Other hours by appointment


Course Requirements:
1. Read all assigned material
2. Attendance is required
3. Complete all homework assignments on time
4. See instructor if you are having trouble

Grading: Your numerical grade will be determined as follows:

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<tr>
<th>Component</th>
<th>Weight</th>
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<tr>
<td>Homework</td>
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<tr>
<td>Term Paper I</td>
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<tr>
<td>Term Paper II</td>
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<td>Final Examination</td>
<td>20%</td>
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<td>TOTAL</td>
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TOPICS TO BE COVERED

1. Survey of Special Relativity.
2. Theory of White Dwarfs
3. Supernovae  
   Types I and II  
   Supernova Remnants.
4. Theory of Neutron Stars; Pulsars.
5. Black Holes.
6. Cataclysmic Variables.

7. X-ray Binaries.

8. Gamma ray Bursts.

9. Cosmic rays.

10. Active Galactic Nuclei B Seyfert Galaxies, Radio Galaxies, BL Lac Objects, Quasars.

11. Cosmology

Accommodations for students with disabilities: If you have a disability for which you are or may be requesting accommodations, please contact both your instructor and the Office of Academic Support Services, University Center C212 (610-758-4152) as early as possible in the semester. You must have documentation from the Academic Support Services office before accommodations can be granted.