

GENERAL RELATIVITY

PHYSICS 226 aka ASTRONOMY 226

- **Instructor:** George Blumenthal
 - + **Office:** 439B Kerr Hall, 9-2005, george@ucolick.org
 - + **Office Hours:** TBD
- **Time/Place:** 289 Kerr Hall – Tue/Thu 12:00-1:45
- **Textbook:** Steven Weinberg, *Gravitation and Cosmology* + course notes
- **Course Requirements:** Homework and final exam

Books on Reserve

- Weinberg, Steven *Gravitation and Cosmology* QC6.W47
- Schutz, Bernard *A First Course in General Relativity* QC173.6.S38
- Ludvigsen, Malcolm *General Relativity - A Geometric Approach* QC173.6.L83
- Wald, Robert *General Relativity* QC173.6.W35
- Frankel, Theodore *The Geometry of Physics* QC20.F7
- Misner, Thorne and Wheeler *Gravitation* QC178.M57
- Saulson, Peter *Fundamentals of Interferometric Gravitational Wave Detectors* QC179.S28
- Landau, Lev and Lifschitz, E *Classical Theory of Fields* QC670.L313
- Rindler, Wolfgang, *Relativity : special, general, and cosmological* QC173.55.R563