

Physics Courses



Spring 2014

Course information is posted here as made available by instructors.

Astronomy Courses

- **Astronomy 151: Journey through the Solar System**
(http://sunspear.phys.utk.edu/phys151_2014/) (Dr. Nadia Fomin)
- **Astronomy 152: Stars, Galaxies, and Cosmology (Spring-2014/astro-152-
jones/152_Spring2014.html)** (Dr. Kate Jones)
- **Astronomy 411: Stellar Structure and Stellar Evolution**
(<http://eagle.phys.utk.edu/guidry/astro411/>) (Dr. Mike Guidry)
- **Dr. Daunt's Courses** (<http://www.phys.utk.edu/daunt/>)

Physics Courses

- **Physics 136 (Sections 1 and 2): Introduction to Physics (Spring-2014/physics-136-elston.pdf)**
(Dr. Stuart Elston)
- **Physics 136 (Section 3): Introduction to Physics** (<http://labman.phys.utk.edu/phys136/>) (Dr. Marianne Breinig)
- **Physics 221 (Sections 1-5): Elements of Physics I** (<http://labman.phys.utk.edu/phys221/>) (Dr. Marianne Breinig)
- **Physics 221 (Section 6-10): Elements of Physics I**
(<http://web.utk.edu/~cnattras/Physics221Spring2014/Syllabus.htm>) (Dr. Christine Nattrass)
- **Physics 222: Elements of Physics (Spring-2014/physics-222-joo.pdf)** (Dr. Jaewook Joo)
- **Physics 222: Elements of Physics II**
(<http://web.utk.edu/~kamyshko/P222/P222Spring2014YK.html>) (Dr. Yuri Kamyshkov)
- **Physics 312: Classical Mechanics (Spring-2014/physics-312-sorensen.pdf)** (Dr. Soren Sorensen)

- **Physics 342/555: Structure of Matter/Solid State Physics (Spring-2014/physics-342-555-zhou.pdf)** (Dr. Haidong Zhou)
 - **Physics 421: Modern Optics (<http://electron6.phys.utk.edu/optics421/>)** (Dr. Marianne Breinig)
 - **Physics 490: Seminar, Preparing for the GRE (<http://electron9.phys.utk.edu/GRE/>)** (Dr. Marianne Breinig)
 - **Physics 490/642: Biophysics (<http://www.phys.utk.edu/jmannik/BiophysicsSyllabus.html>)** (Dr. Jaan Mannik)
 - **Physics 514: Problems in Theoretical Physics (<http://electron9.phys.utk.edu/phys514/>)** (Dr. Marianne Breinig)
 - **Physics 541: Electromagnetic Theory I (<http://sces.phys.utk.edu/~dagotto/electromag/index2014.htm>)** (Dr. Elbio Dagotto)
 - **Physics 573: Numerical Methods in Physics (<https://sites.google.com/site/utkp643/>)** (Dr. Ken Read)
 - **Physics 599: Particle Physics, Astrophysics, and Cosmology Seminar (http://web.utk.edu/~kamyshko/P599/P599_PPAC_Seminar.html)** (Dr. Yuri Kamyshkov)
 - **Physics 601: Advanced Atomic Physics (Spring-2014/macek-601/601-index.html)** (Dr. Joseph Macek)
 - **Physics 612: Advanced Quantum Field Theory (Spring-2014/physics-612-papenbrock.pdf)** (Dr. Thomas Papenbrock)
 - **Physics 627: Elementary Particle Physics: Particle Detectors (Spring-2014/physics-627-spanier.pdf)** (Dr. Stefan Spanier)
 - **Physics 642: Quantum Computation and Quantum Information (<http://aesop.phys.utk.edu/quantum/spring/>)** (Dr. George Siopsis)
 - **Physics 643: Computational Physics (<https://sites.google.com/site/utkp643/>)** (Dr. Ken Read)
 - **Physics 672: Advanced Solid State Physics (Spring-2014/physics-672-johnston.pdf)** (Dr. Steve Johnston)
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Laboratory Syllabi

- **Physics 221: Section 002 with Dr. Breinig (Spring-2014/physics-221-02-copinger-lopez.pdf)** (Patrick Copinger and Andrew Lopez)
 - **Physics 221: Section 007 with Dr. Natrass (Spring-2014/physics-221-07-copinger-lopez.pdf)** (Patrick Copinger and Andrew Lopez)
 - **Physics 222: Section 005 (Spring-2014/lab-physics-222-005-hussein.pdf)** (Mostafa Hussein)
 - **Physics 222: Section 007 (Spring-2014/lab-physics-222-007-hussein.pdf)** (Mostafa Hussein)
 - **Physics 222: Sections 012 and 014 (Spring-2014/lab-physics-222-jennings.pdf)** (Ann Jennings)
 - **Physics 231: Sections 002 and 005 (<https://www.dropbox.com/s/mxjco0odtqmub0k/Spring%202014%20PHYS231%20Lab%20Syllabus.pdf>)** (Daniel Odell)
 - **Physics 232 (Spring-2014/lab-physics-232-walker.pdf)** (Bryant Walker)
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