

Physics Courses



Fall 2014

Course information is posted here as made available by instructors.

Astronomy Courses

- **Dr. Daunt's Courses** (<http://www.phys.utk.edu/daunt/>)
 - **Astronomy 151: Journey Through the Solar System (Fall-2014/astronomy-151-spanier/index.htm)** (Dr. Stefan Spanier)
-

Physics Courses

- **Materials Science and Engineering 675: Advanced Structural Analysis by Scattering (Fall-2014/mse-675-egami.pdf)** (Dr. Takeshi Egami)
- **First Year Studies FYS 129: Outstanding and Unresolved Questions in Particle Physics (<http://web.utk.edu/~kamyshko/FYS129/FYS129-Fall-2014>)** (Dr. Yuri Kamyshkov)
- **Physics 101: How Things Work (Fall-2014/physics-101-cheney.pdf)** (Dr. Christine Cheney)
- **Physics 135: Introduction to Physics for Physical Science Majors and Mathematics Majors I (<http://labman.phys.utk.edu/phys135/>)** (Dr. Marianne Breinig)
- **Physics 135: Introduction to Physics for Physical Science Majors and Mathematics Majors I, Sections 1 and 4 (Fall-2014/physics-135-elston.pdf)** (Dr. Stuart Elston)
- **Physics 221: Elements of Physics I (http://www.phys.utk.edu/jmannik/Syllabus_PHY221.html)** (Dr. Jaan Mannik)
- **Physics 222: Elements of Physics II (<http://labman.phys.utk.edu/phys222/>)** (Dr. Marianne Breinig)

- **Physics 222: Elements of Physics II**
(<http://web.utk.edu/~cnattras/Physics222Fall2014/Syllabus.htm>) (Dr. Christine Nattrass)
- **Physics 231: Fundamentals of Physics: Electricity and Magnetism (Fall-2014/physics-231-johnston.pdf)** (Dr. Steven Johnston)
- **Physics 231: Fundamentals of Physics: Electricity and Magnetism**
(<http://web.utk.edu/~kamyshko/P231/P231-Fall-2014>) (Dr. Yuri Kamyshkov)
- **Physics 232: Waves, Optics, and Modern Physics (Fall-2014/physics-232-zhou.pdf)** (Dr. Haidong Zhou)
- **Physics 311: Classical Mechanics (Fall-2014/physics-311-sorensen.pdf)** (Dr. Soren Sorensen)
- **Physics 341: Elementary Nuclear Physics (Fall-2014/physics-341-jones.pdf)** (Dr. Kate Jones)
- **Physics 361: Electronics Laboratory I (Fall-2014/physics-361-elston.pdf)** (Dr. Stuart Elston)
- **Physics 411: Introduction to Quantum Mechanics (Fall-2014/physics-411-greene.pdf)** (Dr. Geoffrey Greene)
- **Physics 431: Electricity and Magnetism (Fall-2014/physics-431-mannella.pdf)** (Dr. Norman Mannella)
- **Physics 513: Problems in Theoretical Physics I** (<http://electron9.phys.utk.edu/phys513/>) (Dr. Marianne Breinig)
- **Physics 507/BME 599: Contemporary Optics (Fall-2014/physics-507-davis.pdf)** (Dr. Lloyd Davis){Open to UT Knoxville Students}
- **Physics 551: Statistical Mechanics (Fall-2014/physics-551-joo.pdf)** (Dr. Jaewook Joo)
- **Physics 571: Mathematical Methods in Physics**
(<http://scs.phys.utk.edu/~moreo/mm14/index.html>) (Dr. Adriana Moreo)
- **Physics 599: Graduate Research Participation Seminar (Fall-2014/physics-599-nattrass.pdf)**
(Dr. Christine Nattrass)
- **Physics 611: Quantum Field Theory I** (<http://aesop.phys.utk.edu/ph611/>) (Dr. George Siopsis)
- **Physics 671: Advanced Solid State Physics (Fall-2014/physics-671-quinn.pdf)** (Dr. John Quinn)

Laboratory Syllabi

- **Astronomy 154 (Sections 001 and 002) (Fall-2014/astronomy-154-allen.pdf)** (Ronald Allen)