

Physics Courses



Fall 2013

Course information is posted here as made available by instructors.

Astronomy Courses

- **[Astronomy 151: Journey Through the Solar System \(Fall-2013/astronomy-151-jones/151_Fall2013.html\)](http://web.utk.edu/~kamyshko/P129/P129_Fall_2013.html)** (Dr. Kate Jones)
 - **[Dr. Daunt's Courses \(http://www.phys.utk.edu/daunt/\)](http://www.phys.utk.edu/daunt/)**
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Physics Courses

- **[Physics 129 \(First Year Studies 129\): Outstanding and Unsolved Questions in Particle Physics \(http://web.utk.edu/~kamyshko/P129/P129_Fall_2013.html\)](http://web.utk.edu/~kamyshko/P129/P129_Fall_2013.html)** (Dr. Yuri Kamyshkov)
- **[Physics 135: Introduction to Physics for Physical Science Majors and Mathematics Majors I \(http://labman.phys.utk.edu/phys135/\)](http://labman.phys.utk.edu/phys135/)** (Dr. Marianne Breinig)
- **[Physics 221: Elements of Physics I \(http://web.utk.edu/~kamyshko/P221/P221Fall2013YK.html\)](http://web.utk.edu/~kamyshko/P221/P221Fall2013YK.html)** (Dr. Yuri Kamyshkov)
- **[Physics 221: Elements of Physics I \(http://www.phys.utk.edu/jmannik/Syllabus_PHY221.html\)](http://www.phys.utk.edu/jmannik/Syllabus_PHY221.html)** (Dr. Jaan Mannik)
- **[Physics 222: Elements of Physics II \(http://labman.phys.utk.edu/phys222/\)](http://labman.phys.utk.edu/phys222/)** (Dr. Marianne Breinig)
- **[Physics 222: Elements of Physics II \(http://web.utk.edu/~cnattras/Physics222Fall2013/Syllabus.htm\)](http://web.utk.edu/~cnattras/Physics222Fall2013/Syllabus.htm)** (Dr. Christine Nattrass)
- **[Physics 231: Electricity and Magnetism \(http://hepdserv.phys.utk.edu/~th/Physics231/Physics231.html\)](http://hepdserv.phys.utk.edu/~th/Physics231/Physics231.html)** (Dr. Thomas Handler)
- **[Physics 232: Waves, Optics, and Modern Physics \(Fall-2013/physics-232-zhou.pdf\)](http://www.phys.utk.edu/~zhou/physics-232-zhou.pdf)** (Dr. Haidong Zhou)

- **Physics 311: Classical Mechanics (Fall-2013/physics-311-sorensen.pdf)** (Dr. Soren Sorensen)
 - **Physics 361: Electronics Laboratory I (Fall-2013/physics-361-elston.pdf)** (Dr. Stuart Elston)
 - **Physics 431: Electricity and Magnetism (Fall-2013/physics-431-mannella.pdf)** (Dr. Norman Mannella)
 - **Physics 513: Problems in Theoretical Physics (<http://electron9.phys.utk.edu/phys513/>)** (Dr. Marianne Breinig)
 - **Physics 531: Classical Mechanics (Fall-2013/physics-531-macek/index.html)** (Dr. Joseph Macek)
 - **Physics 571: Mathematical Methods in Physics (<http://scs.phys.utk.edu/~moreo/mm13/index.html>)** (Dr. Adriana Moreo)
 - **Physics 599: Condensed Matter Seminar (Fall-2013/physics-599-weitering.pdf)** (Dr. Hanno Weitering)
 - **Physics 599: Nuclear Physics Seminar (http://web.utk.edu/~tpapenbr/NP_SeminarFall2013.html)** (Dr. Thomas Papenbrock)
 - **Physics 599: Seminars in High Energy and Astro Physics (Fall-2013/physics-599-spanier.pdf)** (Dr. Stefan Spanier)
 - **Physics 611: Advanced Quantum Mechanics / Quantum Field Theory (Fall-2013/physics-611-papenbrock.pdf)** (Dr. Thomas Papenbrock)
 - **Physics 616: General Relativity, Black Holes, and Cosmology (<http://eagle.phys.utk.edu/guidry/astro616/>)** (Dr. Mike Guidry)
 - **Physics 626: Elementary Particle Physics (Fall-2013/physics-626-spanier.pdf)** (Dr. Stefan Spanier)
 - **Physics 642: An Introduction to Quantum Computation and Quantum Information (<http://aesop.phys.utk.edu/quantum/>)** (Dr. George Siopsis)
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Lab Syllabi

- **Physics 221 (Section 005) (Fall-2013/lab-221005-teng.pdf)** (Ao Teng)
 - **Physics 221 (Section 007) (Fall-2013/lab-221007-sinclair.pdf)** (Ryan Sinclair)
 - **Physics 221 (Section 008) (Fall-2013/lab-221008-sinclair.pdf)** (Ryan Sinclair)
 - **Physics 221 (Section 009) (Fall-2013/lab-221009-rezaee.pdf)** (Mohammadreza Rezaee)
 - **Physics 221 (Section 015) (Fall-2013/lab-221015-rezaee.pdf)** (Mohammadreza Rezaee)
 - **Physics 232 (Section 001) (Fall-2013/lab-232001-walker.pdf)** (Bryant Walker)
 - **Physics 232 (Section 002) (Fall-2013/lab-232002-walker.pdf)** (Bryant Walker)
 - **Physics 232 (Section 003) (Fall-2013/lab-232003-yang.pdf)** (Da Yang)
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