

## Physics Courses



## Spring 2015

Course information is posted here as made available by instructors.

## Astronomy Courses

- **[Astronomy 152 \(Introductory Astronomy II\)](http://web.utk.edu/~asteine1/syllabus.html)** (<http://web.utk.edu/~asteine1/syllabus.html>) (Dr. Andrew Steiner)

## Physics Courses

- **[Physics 136: Introduction to Physics II](http://labman.phys.utk.edu/phys136/)** (<http://labman.phys.utk.edu/phys136/>) (Dr. Marianne Breinig)
- **[Physics 136: Introduction to Physics II \(Spring-2015/physics-136-elston.pdf\)](http://labman.phys.utk.edu/phys136-elston.pdf)** (Dr. Stuart Elston)
- **[Physics 221: Elements of Physics I \(Sections 1-5\)](http://labman.phys.utk.edu/phys221a/)** (<http://labman.phys.utk.edu/phys221a/>) (Dr. Marianne Breinig)
- **[Physics 221: Elements of Physics I \(Sections 6-10\)](http://labman.phys.utk.edu/phys221b/)** (<http://labman.phys.utk.edu/phys221b/>) (Dr. Marianne Breinig)
- **[Physics 222: Elements of Physics II \(Electricity and Magnetism\)](http://web.utk.edu/~kamyshko/P222/P222-Spring-2015.html)** (<http://web.utk.edu/~kamyshko/P222/P222-Spring-2015.html>) (Dr. Yuri Kamyshkov)
- **[Physics 222: Elements of Physics II \(Electricity and Magnetism\) \(Spring-2015/physics-222-mannik.pdf\)](http://web.utk.edu/~kamyshko/P222/P222-Spring-2015.html)** (Dr. Jaan Mannik)
- **[Physics 312: Classical Mechanics \(Spring-2015/physics-312-sorensen.pdf\)](http://labman.phys.utk.edu/phys312-sorensen.pdf)** (Dr. Soren Sorensen)
- **[Physics 342/555: Structure of Matter/Solid State Physics \(Dr. Haidong Zhou\) \(Spring-2015/physics-342-555-zhou.pdf\)](http://web.utk.edu/~kamyshko/P222/P222-Spring-2015.html)**

- **Physics 401: Capstone Course/Discoveries in Physics (Dr. Hanno Weitering) (Spring-2015/physics-401-weitering.pdf)**
- **Physics 412: Introduction to Quantum Mechanics (Spring-2015/physics-412-greene.pdf)** (Dr. Geoff Greene)
- **Physics 421: Modern Optics (<http://electron6.phys.utk.edu/optics421/>)** (Dr. Marianne Breinig)
- **Physics 461: Modern Physics Laboratory (Spring-2015/physics-461-jones-cheney.pdf)** (Dr. Kate Jones and Dr. Christine Cheney)
- **Physics 514: Problems in Theoretical Physics (<http://electron6.phys.utk.edu/phys514/>)** (Dr. Marianne Breinig)
- **Physics 571: Mathematical Methods in Physics (Spring-2015/physics-571-parigger.pdf)** (Dr. Chris Parigger)
- **Physics 573/643: Numerical Methods in Physics/Computational Physics (<https://sites.google.com/site/utkp643/home>)** (Dr. Ken Read)
- **Physics 599: Particle Physics, Astrophysics and Cosmology Seminar (<http://www.phys.utk.edu/hep/seminar.html>)**
- **Physics 606: Nonlinear Optics (Spring-2015/physics-606-davis.pdf)** (Dr. Lloyd Davis)
- **Physics 612: Quantum Field Theory II (<http://aesop.phys.utk.edu/ph612/>)** (Dr. George Siopsis)
- **Physics 615: Astrophysics and Cosmology (<http://eagle.phys.utk.edu/guidry/astro615/>)** (Dr. Michael Guidry)
- **Physics 672: Advanced Solid State Physics II (Spring-2015/physics-672-johnston.pdf)** (Dr. Steven Johnston)