

## Physics Courses



## Fall 2015

Course information is posted here as made available by instructors.

## Astronomy Courses

- **[Astronomy 151: A Journey through the Solar System \(Fall-2015/astronomy-151-sorensen.pdf\)](#)**  
(Soren Sorensen)
- **<http://eagle.phys.utk.edu/guidry/astro411/>** (Mike Guidry)
- **<http://web.utk.edu/~asteine1/hepastro.html>** (Andrew W. Steiner)

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## Other Courses of Interest

- **[Materials Science and Engineering 674: Physics of Materials \(Fall-2015/mse-674-egami.pdf\)](#)**  
(Takeshi Egami)

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## Physics Courses

- **<http://labman.phys.utk.edu/phys135/>** (Marianne Breinig)

- **Physics 135: Introduction to Physics (Sections 1 and 4) (Fall-2015/physics-135-elston.pdf)** (Stuart Elston)
  - **Physics 221: Elements of Physics (<http://web.utk.edu/~asteine1/p221/syllabus.html>)** (Andrew W. Steiner)
  - **Physics 222: Elements of Physics II (<http://labman.phys.utk.edu/phys222/>)** (Marianne Breinig)
  - **Physics 232: Waves, Optics, and Modern Physics (Fall-2015/physics-232-zhou.pdf)** (Haidong Zhou)
  - **Physics 250: Modern Physics ([http://sunspear.phys.utk.edu/phys250\\_2015/](http://sunspear.phys.utk.edu/phys250_2015/))** (Nadia Fomin)
  - **Physics 341: Elementary Nuclear Physics (Fall-2015/physics-341-efremenko.pdf)** (Yuri Efremenko)
  - **Physics 411: Introduction to Quantum Mechanics (Fall-2015/physics-411-mezzacappa.pdf)** (Anthony Mezzacappa)
  - **Physics 513: Problems in Theoretical Physics I (<http://electron6.phys.utk.edu/phys513/>)** (Marianne Breinig)
  - **Physics 551: Statistical Mechanics (<http://scs.phys.utk.edu/~moreo/sm15/index>)** (Adriana Moreo)
  - **Physics 599: Seminars in High Energy and Astrophysics (<http://web.utk.edu/~asteine1/hepastro.html>)** (Andrew W. Steiner)
  - **Physics 599: Seminars in Nuclear Physics ([http://web.utk.edu/~tpapenbr/NP\\_SeminarFall2015.html](http://web.utk.edu/~tpapenbr/NP_SeminarFall2015.html))** (Thomas Papenbrock)
  - **Physics 610: Quantum Optics (<http://www.phys.utk.edu/courses/descriptions/PHY-610.pdf>)** (Lloyd Davis)
  - **Physics 611: Advanced Quantum Physics/Quantum Field Theory (Fall-2015/physics-611-papenbrock.pdf)** (Thomas Papenbrock)
  - **Physics 626: Elementary Particle Physics (Fall-2015/physics-626-spanier.pdf)** (Stefan Spanier)
  - **Physics 642/490: Biophysics (Fall-2015/physics-642-mannik.pdf)** (Jaan Mannik)
  - **Physics 671: Advanced Solid State Physics I (Fall-2015/physics-671-johnston.pdf)** (Steven Johnston)
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