

Education

- August 2008 **M.S. in Physics** University of Central Florida
Emphasizing Physics Education Research
Optical Physics Specialty
- April 1997 **B.S. in Engineering Physics** Embry-Riddle Aeronautical University
Minor in Mathematics
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Daytona Physics Tutor

- Pres- 1/2012 **Owner, Founder, Operator** www.daytonaphysicstutor.com
Tutor individuals in college, high school, and middle school in all levels of math, physics, and chemistry. This can be done in my office or through an online platform.
- Run all aspects of a small business from start up.
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Keiser University

- 2/2017- 11/2012 **Adjunct Professor**
Taught an algebra based physics course where the material is used by students primarily studying Diagnostic Medical Sonography. Classes are 1 month long and cover material from motion through optics.
- Taught the online version of the same course.
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Embry-Riddle Aeronautical University

- 12/2011- 8/2008 **Assistant Professor, Physics Lab Supervisor**
Taught Modern Physics Lab, Physics III Lab, and Lab Practicum *every semester*.
- At some point taught all algebra and calculus based physics labs offered at Embry-Riddle.
- Supervise approximately 12 Graduate Teaching Assistants who taught 700 students *per semester*. This included hiring, performance review, managing day to day operations in their respective teaching assignments, and graded report auditing for uniformity.
- Manage lab operations which included writing policies and standards, purchasing and repairing equipment, reviewing and updating experiments for approximately 45 sections *per semester*. Typical section enrollment is 16-20 students.

