

# Lecture- Tutorials

4th edition

# Introductory Astronomy



Prather  
Brisenden  
Wallace  
Adams



# Lecture Tutorials For Introductory Astronomy

## Instructor39s Guide

**Jeff Adams, Edward E. Prather, Tim  
Slater, Timothy F. Slater, Jack Dostal**

## **Lecture Tutorials For Introductory Astronomy Instructor39s Guide:**

Lecture Tutorials for Introductory Astronomy Jeff Adams,Edward E. Prather,Tim Slater,Timothy F. Slater,Jack Dostal,2004-03 Lecture Tutorials for Introductory Astronomy which was developed by the Conceptual Astronomy and Physics Education Research CAPER Team is a collection of classroom tested activities designed for the large lecture introductory astronomy class although it is suitable for any astronomy class The Lecture Tutorials are short structured activities designed for students to complete while working in pairs Each activity targets one or more specific learning objectives based on research on student difficulties in astronomy Most activities can be completed in 10 to 15 minutes The instructor s guide provides for each activity the recommended prerequisite knowledge the learning goals for the activity a pre activity assessment question an answer key suggestions for implementation and follow up questions to be used for class discussion or homework Introductory Astronomy Kit Hunter,Weber State University. School of Education,1992 **Lecture Tutorials for Introductory Astronomy** Edward E. Prather,Eric Chaisson,Gina Brissenden,Steve McMillan,2021-07-30 Funded by the National Science Foundation Lecture Tutorials for Introductory Astronomy 4th Edition is designed to make traditional lecture format courses more interactive These easy to implement student activities can be integrated into any existing course structure Presented in a classroom ready format and requiring no equipment each of the 50 Lecture Tutorials challenges students with a series of questions carefully designed to engage them in critical reasoning and spark classroom discussion Each activity targets one or more specific learning objectives based on education research these activities lead to deeper more complete student understanding through a series of structured questions that prompt students to use reasoning and identify and correct their misconceptions All content has been extensively field tested and 7 new tutorials have been added that respond to reviewer demand numerous interviews and nationally conducted workshops back cover

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