



FOR FACULTY CONSIDERING THIS BOOK FOR COURSE ADOPTION

Welcome to the Universe: An Astrophysical Tour gathers and presents the material initially developed for “Astrophysics 203: The Universe,” an introductory astronomy course for non-science majors, which the authors team-taught at Princeton University from 1999 to 2003.

- The book’s goals:
 - To clearly explain the universe’s astrophysical processes
 - To show how observations, the laws of physics, and high school mathematics combine to yield the amazing discoveries of modern astrophysics
 - To introduce astrophysics as a quantitative science and branch of physics
 - To demonstrate how we have determined what we know, and where remaining uncertainties lie
- The traditional arrangement of topics makes *Welcome to the Universe* compatible with introductory astronomy courses at other universities.
- Each author offers his own area of special expertise in the sequence of the original Princeton course:
 - Part 1: “Stars, Planets, and Life” by Neil deGrasse Tyson
 - Part 2: “Galaxies” by Michael A. Strauss
 - Part 3: “Einstein and the Universe” by J. Richard Gott
- The sophisticated material is conveyed in an energetic and conversational style, making the book compelling reading for non-science majors.
- Up-to-date discussions of the latest astronomical discoveries.
- Full-color illustration package available for the creation of lecture slides:
<http://press.princeton.edu/textbooks/illustrations/tyson/>
- *The Problem Book*, a companion to *Welcome to the Universe*, will be available in August 2017. It contains more than one hundred problems developed for the Princeton course, along with detailed solutions. Used in tandem with *Welcome to the Universe*, *The Problem Book* ensures that students fulfill quantitative reasoning requirements.
- The affordable price makes *Welcome to the Universe* accessible to a wide audience.