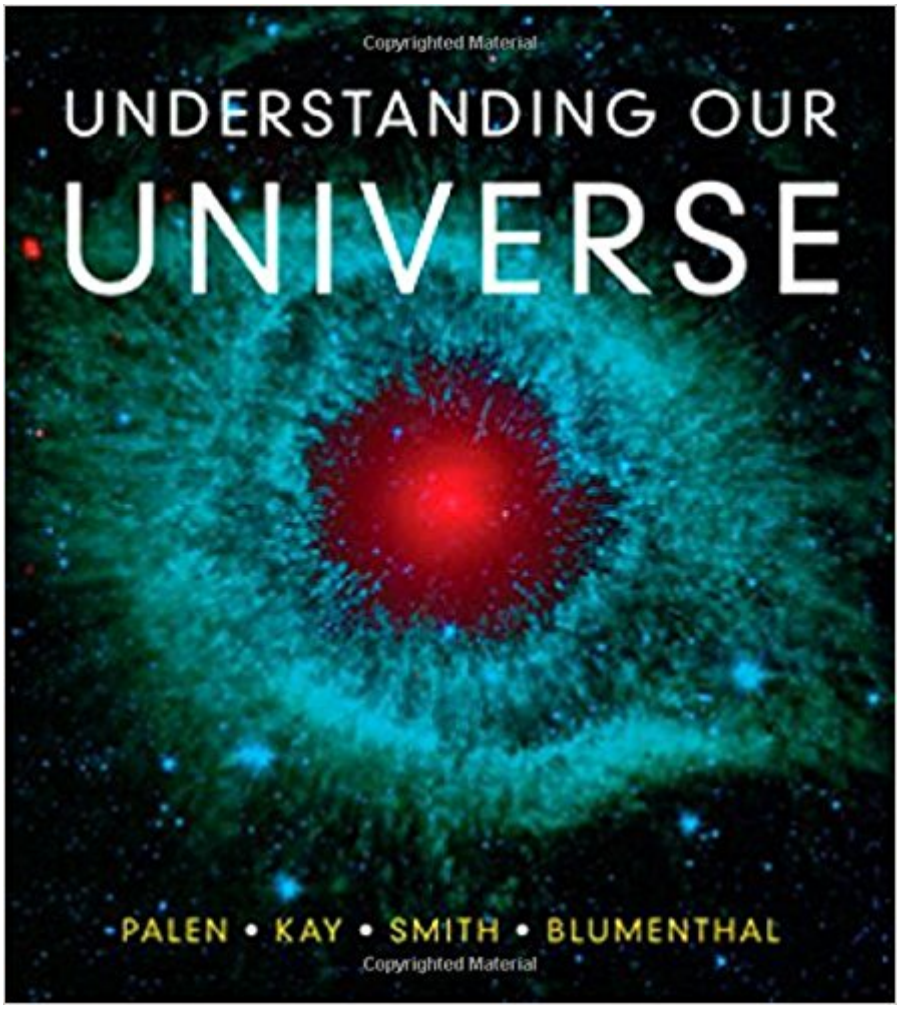
Understanding Our Universe



Synopsis

Innovative pedagogy and unique application exercises teach students to apply what they've learned, as they learn it.Understanding Our Universe was constructed with the latest astronomy education research in mind: students learn by doing. The learning system allows students to immediately apply what they learn, gain a deeper understanding of the science, build confidence, and make meaningful connections to their everyday lives.

Book Information

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Customer Reviews

Stacy Palen is an award-winning professor in the Physics Department and Director of the Ott Planetarium at Weber State University. She received her BS degree from Rutgers University, and her PhD from the University of Iowa. Dr. Palen does research in the death of Sun-like stars, and formal and informal astronomy education. She spends much of her time thinking, teaching, and writing about the applications of science in everyday life. She then puts that science to use on her small farm in Ogden, Utah.Laura Kay is Ann Whitney Olin professor and Chair of the Department of Physics and Astronomy at Barnard College, where she has taught since 1991. She received a BS degree in physics and an AB degree in feminist studies from Stanford University, and MS and PhD degrees in astronomy and astrophysics from the University of CaliforniaÃ¢â ¬â œSanta Cruz. As a graduate student she spent 13 months at the Amundsen Scott station at the South Pole in Antarctica, and has had fellowships in Chile and Brazil. She studies active galactic nuclei using optical and X-ray telescopes. At Barnard she teaches courses on astronomy, astrobiology, women

and science, and polar exploration.Brad Smith is a retired professor of planetary science. He has served as an associate professor of astronomy at New Mexico State University, a professor of planetary sciences and astronomy at the University of Arizona, and as a research astronomer at the University of Hawaii. Through his interest in Solar System astronomy, he has participated as a team member or imaging team leader on several U.S. and international space missions, including Mars Mariners 6, 7, and 9; Viking; Voyagers 1 and 2; and the Soviet Vega and Phobos missions. He later turned his interest to extrasolar planetary systems, investigating circumstellar debris disks as a member of the Hubble Space Telescope NICMOS experiment team. Brad has four times been awarded the NASA Medal for Exceptional Scientific Achievement. He is a member of the IAU Working Group for Planetary System Nomenclature and is Chair of the Task Group for Mars Nomenclature.George Blumenthal is chancellor at the University of CaliforniaÃ¢â ¬â œSanta Cruz, where he has been a professor of astronomy and astrophysics since 1972. Chancellor Blumenthal received his BS degree from the University of WisconsinÃ¢â ¬â œMilwaukee and his PhD in physics from the University of CaliforniaÃ¢â ¬â œSan Diego. As a theoretical astrophysicist, Chancellor Blumenthal's research encompasses several broad areas, including the nature of the dark matter that constitutes most of the mass in the universe, the origin of galaxies and other large structures in the universe, the earliest moments in the universe, astrophysical radiation processes, and the structure of active galactic nuclei such as quasars.

Not the best written text book needed, and there wasn't much there to help you with the example problems, if you didn't understand the first time they tell you how to solve a problem, you're doomed. I had to get a tutor to help me.Its a beautiful book, its just not...great.

Not a bad astronomy textbook. Sometimes it seems too basic from my perspective. I enjoyed reading the chapters a lot, they were interesting. And it's easy to understand if you don't really have any science background, say if you're taking astronomy as an elective to fill a science credit.

Fast shipping and good condition. It's the older edition of the textbook, but I only audited the class, so it didn't matter. Great!

It's in easy and enjoyable to read chunks, but next thing you know, you're understand things you though you never would. The parts with math are in separate little sections, but rather than it being a way to avoid math, I found myself going back to those convenient to find sections again and again

to deepen my understanding. A very aptly titled book.

Book was in good condition. I bought this old edition because it was a tenth of the price of the new one and it was fine for the course.

purchased for a class & i really enjoyed the subject matter of this book & it was very easy to understand & follow a long with. I love the subject of outer space!

I am so glad this is a more advanced book than I expected. I was afraid this may have been a children's book. It even comes with quizzes!

This is the older edition but if your professor posts class notes you'll do just fine. Good condition, no rips or tears in the pages I've seen (I'm renting it). Good way to save money!

Movement Is Changing Our Schools, Our Jobs, and Our Minds The Cyber Effect: An Expert in Cyberpsychology Explains How Technology Is Shaping Our Children, Our Behavior, and Our Values--and What We Can Do About It