Physics 101:
Foundations of Theoretical Physics

NEW

Spring 2018 - Instructor: Jacob Barandes

An inclusive, fast-paced introduction that starts at the very beginning – with a first-principles approach to analytical dynamics, statistical mechanics, relativity, fields, quantum theory, and the conceptual implications of our modern physical theories for making sense of the world around us.

Assumes single-variable calculus, but does not assume previous coursework in physics. For students from a variety of backgrounds – those considering concentrating in physics and those who are unsure, those who've taken Physics 15/16 and those who haven't. Also for undergraduate and graduate students from other fields who want to see what it's all about.