



## Who is this course for? This course is intended for students majoring in CS, C&O or Physics, and is normally completed in a student's fourth year. It is intended to be accessible to students with either a CS/Math or Physics background with an interest in the physical and mathematical foundations of computation and/or the role of information in physics. Prerequisites: A solid background in basic linear algebra is necessary (a strong performance in MATH235 or Math114 should suffice). Students will likely encounter at least one subject with which they have very little familiarity; this is expected. Familiarity with theoretical computer science or quantum mechanics will be an asset, though most students will not be familiar with both. The required background in both these areas will be presented in the course.













































































