

2021-22 ACADEMIC COURSES

PHY 211 : ANALYTICAL PHYSICS I

This is the first of a two-course sequence in calculus-based Newtonian physics for students intending to major in science or engineering. Physics 211 develops the concepts of mechanics (kinematics, forces, work-energy, impulse, translational and angular momentum, fluids), vibration (and waves) and fundamental thermodynamics. Laboratory exercises are included to assist students in understanding the above topics and to develop skills in data analysis methods.

Level I Prereq: Academic Reading and Writing Levels of 6; high school physics or PHY 111; MTH 191, minimum grade "C" all MTH, PHY and high school requirements

Description	Hours
Credits	5
Lecture Hours	60
Clinical Hours	0
Lab Hours	45
Other Hours	0
Total Hours	105

Accurate as of 01/24/2022 Information is subject to change without notice.

2021-22 Class offerings by semester

Swipe left to see full chart