SCI1111 - Modeling and Simulation of the Physical World

Credits: 2 SCI

Required Requisites
Concurrent Requisite(s): MTH1111

For information contact: Somerville, Mark

Course Description
This course provides an introduction to mathematical modeling and computer simulation of physical systems. Working with a broad range of examples, students practice the steps involved in modeling and analyzing a physical system, learn the role of models in explaining and predicting the behavior of the physical world, and develop skills with the programming and computational tools necessary for simulation. Students work in a studio environment on increasingly open-ended projects, and learn how to present their results, with an emphasis on visual and oral communication. (This course is taken with MTH1111.)

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