Marshall University
College of Science

MTH 411: Mathematical Modeling

Course catalog description
Students will work in teams to construct mathematical models of various real-world situations. Problems to be modeled will be drawn from diverse areas of application and will use a wide range of undergraduate mathematics.

Credit hours
3 hours

Prerequisites
A grade of C or higher in MTH 231

List of topics
- Students will produce solutions to open-ended problems. Collaboration and group work is emphasized.
- Writing mathematics
- Oral presentations

Suggested textbooks
- A First Course in Mathematical Modeling, Giordano, Fox, Horton, and Weir

Last updated
December 2016