MECH/AMTH 120
Engineering Mathematics
(Spring 2017)

Type: Math & Science Elective, 4 units

Overview:
This course will build you a better foundation for advanced mathematics utilized in your engineering curriculum. It is useful for MECH students (e.g. in MECH 123/140/141/142, among others) as well as other engineering majors.

This course will also reinforce your understanding of advanced engineering courses you took and better prepare you for analytical work in your future graduate studies and engineering careers.

It is designed to emphasize engineering applications of mathematics, including ordinary and partial differential equations, linear algebra, and numerical methods.

Pre-requisites: COEN 44/45, AMTH 106 (or equivalents)

Instructor: On Shun Pak (opak@scu.edu)