

# 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 engineering. Topics include: Series solutions of ordinary differential equations (ODEs), matrix algebra, complex analysis, orthogonal functions and Fourier series, partial differential equations (PDEs).

**Pre-requisites:** AMTH 106 (or equivalents)

**Instructor:** On Shun Pak ([opak@scu.edu](mailto:opak@scu.edu))

Please contact the instructor if you have any questions about this course.