**Astrodynamics Software Crash Course**

This course is designed to be a brief introduction to astrodynamics software used within the space industry. The information presented here will be used to complement the fundamentals of astrodynamics learned in AerE 351 and 451. While completion of these courses is not required to learn the material in this course, it will provide a valuable background upon which this information is based off of.

Course Outline:

Week 1: Introduction & GMAT Basics

Week 2: GMAT Maneuvers

Week 3: GMAT Scripting

Week 4: STK Basics

Week 5: STK Tutorials 1-4

Week 6: STK Tutorials 5-7