Instructor: Dr. Unsik Lee  
Office: 315 Guggenheim Hall, Aeronautics & Astronautics  
Email: unsik (at) uw.edu  
Tel: 206-685-4951 (office)  
Instructor Office Hour: Tuesday: 9:00-12:00 PM (or by appointment) in GUG 312/318F

Teaching Assistant:  David Schipf  
Email: schipf (at) uw.edu  
TA Office Hours: Monday: 12:30-3:30 PM in GUG 312

Class webpage: http://goo.gl/wT IvEh  
Home work, solutions, hints, and notes will be posted; please check the website regularly.  
Class Room: Loew 206  
Class Time: Monday and Wednesday: 9:30-10:50 AM  


Email Policy: Emails will be answered regularly during normal work hours (9am - 6pm) Monday through Friday. For emails sent outside of those hours, please expect a delay.


Handouts/papers: I will provide hand-outs or post papers/notes on the class webpage on topics of interest during the quarter.

Course Description: This course gives a fundamental understanding of modern spacecraft attitude dynamics and control. Particular focus is placed on the rigid body kinematics and dynamics, attitude control, restricted three body problem, Hill’s theory, perturbation theory, orbit determination, and spacecraft formation flying.

Grading Policy: Homework 45% / Midterm 30% / Final project 25%

Homework: We will have weekly homework assignments, assigned every Wednesdays; the homework is also due on Wednesdays. Homework can be submitted in class or on Catalyst.

Midterm: We will have a midterms approximately during the 8th week into the term.

Final Project: There is a project for the class, details of which will be discussed and posted in the class webpage.