

Spring 2014 MAE 586 Projects for DE Students

Title of the project : Engineering of Lunar Mining Systems

ME or AE: Either is fine

Faculty Adviser: Dr. Andre Mazzoleni (apmazzol@ncsu.edu)

Title of the project: Orbital Dynamics of Spacecraft around Binary Asteroid Systems

ME or AE: Either is fine

Faculty Adviser: Dr. Andre Mazzoleni

Title of the project: Wind Turbine Acoustics

ME or AE: Either is fine

Faculty Adviser: Dr. Andre Mazzoleni

Title of the project: Planar truss design

ME or AE: Either if fine

Faculty Adviser: Dr. Larry Silverberg (lmsilver@ncsu.edu)

Title of the project: Planar frame design

ME or AE : Either is fine

Faculty Adviser: Dr. Larry Silverberg

Title of the project: Braking and Steering Control of Automotive Vehicles

ME or AE: ME

Faculty Adviser : Dr. Jay Tu (jftu@ncsu.edu)

Title of the project: Precision Aspects in Manufacturing Processes and Machines

ME or AE: ME

Faculty Adviser : Dr. Jay Tu

Title of the project: Scientific Explanation to Music Instruments and Music Theory

ME or AE: ME

Faculty Adviser : Dr. Jay Tu

- **For further inquiry on any of the project, please call or email the faculty adviser.**
- **Students requesting enrollment to MAE 586 should be instructed to submit a brief project proposal to Annie via email (alwhite7@ncsu.edu). Once she receives the project proposal she will process their enrollment. She will contact you and the student after census day to verify the due date for grades and final projects. She will contact you and the student on the due date to request a grade and final project.**