



AME 491: Undergraduate Design Projects

Advanced Spacecraft Propulsion and Energy Laboratory

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Lab Leads: Olivia Kukar (okukar@usc.edu) & Max Wu (mxwu@usc.edu)

Fa24 General Meeting: TBD

Lab Space: RRB 109a

Requirements for Credit in AME 491:

Note: It is strongly recommended that you participate in ASPEN for at least one semester before enrolling in AME 491. A requirement for earning credit is that you make a significant contribution to the team by designing and building something that helps ASPEN make progress. Having experience with ASPEN will help you understand the goals of the team and what is required to be an active participant in the lab.

- **Participate!** The primary requirement for AME 491 is to contribute!
- **Meetings & Lab Hours:** Attendance is Required
 - Stay informed and contribute to discussions
 - Prepare slides for the meeting review demonstrating your weekly progress
- **Take Ownership:** What will you do?
 - Complete a project with significant impact towards ASPEN's goals
 - Get your hands dirty! AME 491 is about gaining *practical* experience
- **Document Your Work:**
 - Get a Lab Notebook to log your activity throughout the semester
 - Record your efforts and findings using a Google Doc – documentation is how you will transfer knowledge to future ASPEN members. Include what you did, why you did it, and references consulted.
- **Safety Training:** You must complete to enter and work in ASPEN lab, Baum Family Maker Space and AME Lab Facilities

If you wish to enroll in AME 491 and “agree to the terms” above, please email M. Gilpin (gilpin@usc.edu) with your Student ID# to request D-Clearance from AME.