

## **Research Internship Program Description Example**

Sample the extensive resources available at one of the world's most prestigious research institutions, while being mentored by graduate students in aerospace. Interns attend brief lectures on fundamental scientific theories and then work in teams on projects that demonstrate basic yet beautiful physics concepts essential to continued study in aerospace research.

### **Student eligibility criteria include:**

- An interest in aerospace
- Some exposure to physics and mathematics
- Current (or prior) enrollment in calculus and physics courses

### **Meeting Days**

- First (or second) Monday of the month, 9am-5pm – subject to confirmation prior to program start

### **Expectation of Students**

- Team participation
- Good attendance
- Timely completion of assignments

### **The goal of this program is to:**

- Inspire students to participate in aerospace-related academic fields
- Cultivate teamwork
- Improve presentation skills in a fun-filled, low-pressure arena
- Sharpen critical thinking skills
- Solve problems using solid basic research skills

### **Planned Activities**

- Lab tours – with explanations on the use and function of equipment
- Attending research lectures
- Guest speakers – industry & university professors
- Exposure to the many disciplines within the field of aerospace
- Participation in graduate school culture
- Practicing hands-on basic research