

Senior Design Project Description for FALL 2016

Project Title: USAFRL Design Challenge (USAF_DES)

Supporter: USAFRL

Supporter Technical Representative: ASSIGNED

Faculty Mentor: ASSIGNED TBD (check one)

Single Team Dual Team (check one)

Personnel (EN/ET): 1 E, Cp, Cv, 5 M, 1 SE

Expected person-hours: (250 per student)

Description of Project:

The Challenge seeks breakthroughs in military operations and capabilities through goal-oriented

The Challenge for the 2016-17 year has not yet been announced.

Initial Project Requirements (e.g. weight, size, etc.):

Since the Design Challenge has not yet been announced the initial project requirements are not known at this time. As soon as the requirements are announced they will be added here.

Expected Deliverables/Results:

The student team and their advisor will travel to a destination to be determined by AFRL to participate in a demonstration of the work product for this effort. This event is anticipated to take place in April-May 2016. Travel will include transport of advisor, students, equipment and any tools or consumable supplies needed to demonstrate the work product. The students will prepare a final engineering report and a demonstration briefing presentation for submittal at or before the demonstration event.

List here any specific skills or knowledge needed or suggested (If none please state none):

Students must be US citizens.

In order to minimize the learning curve on expectations of the Air Force for the project, Veteran and ROTC students will be given preference.