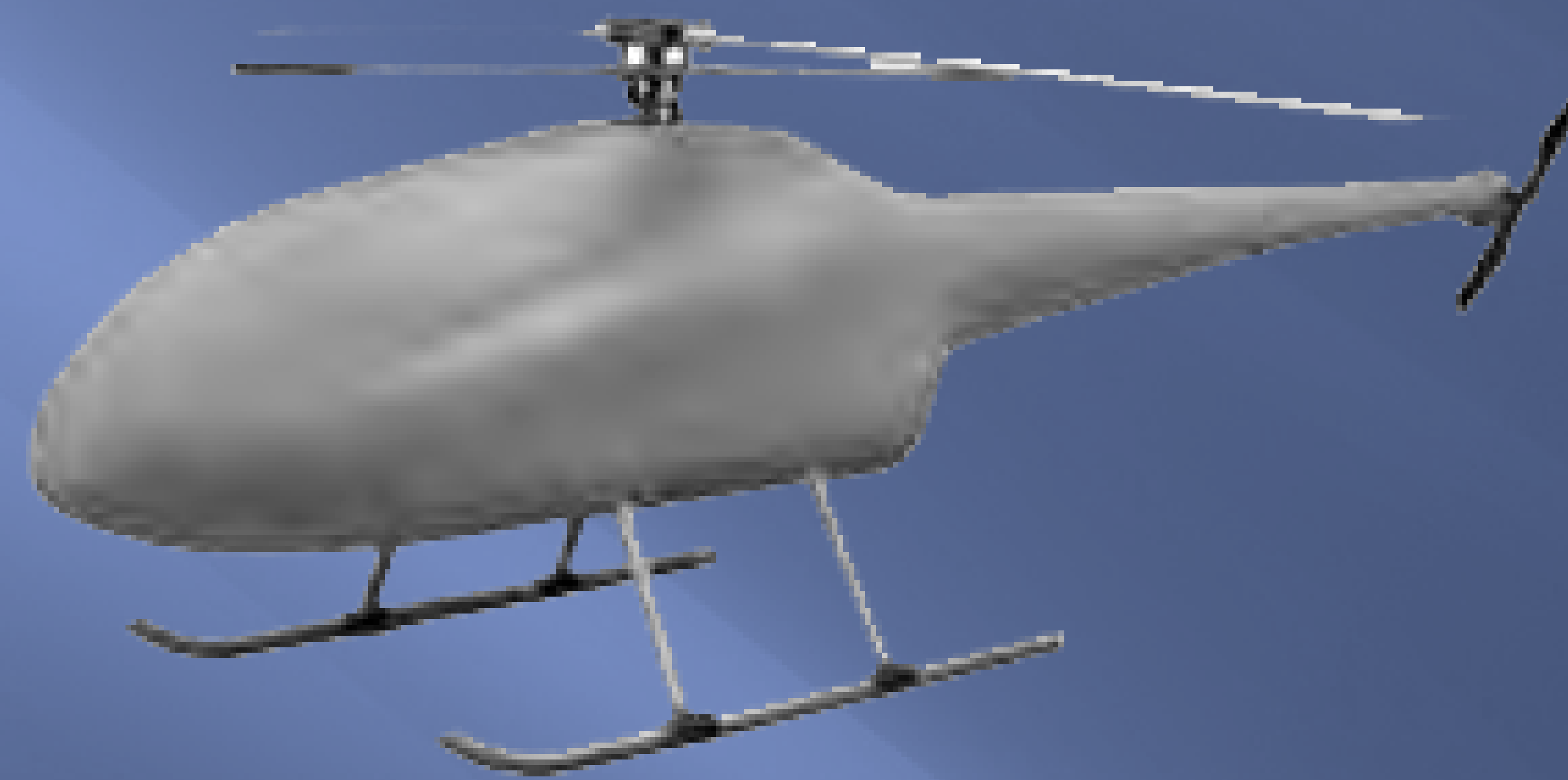


PROBLEM STATEMENT

Design a solution to a challenging mission, requiring the design, fabrication and demonstration of a system capable of completing a specific autonomous aerial operation.

CONCEPTUAL DESIGN



DESIGN OBJECTIVES

Design based on six performance parameters

- Autonomy
- Target Acquisition
- Target Location
- Mission Time
- Operational Availability
- In-Flight re-tasking

COMPETITION PURPOSE

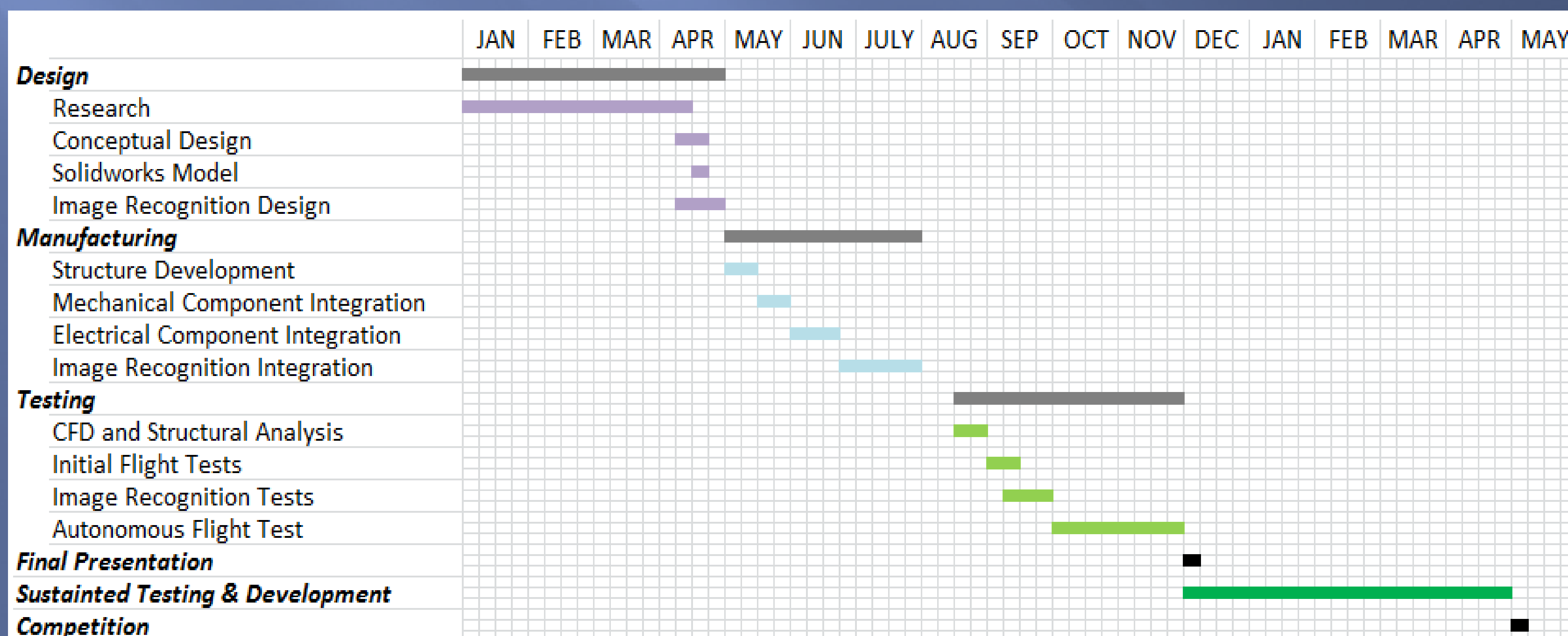
Reconnaissance information gathering & analysis



Target	Color	Shape	Alphanumeric	Color
1	Yellow	Triangle	N	Cyan

MOTIVATION

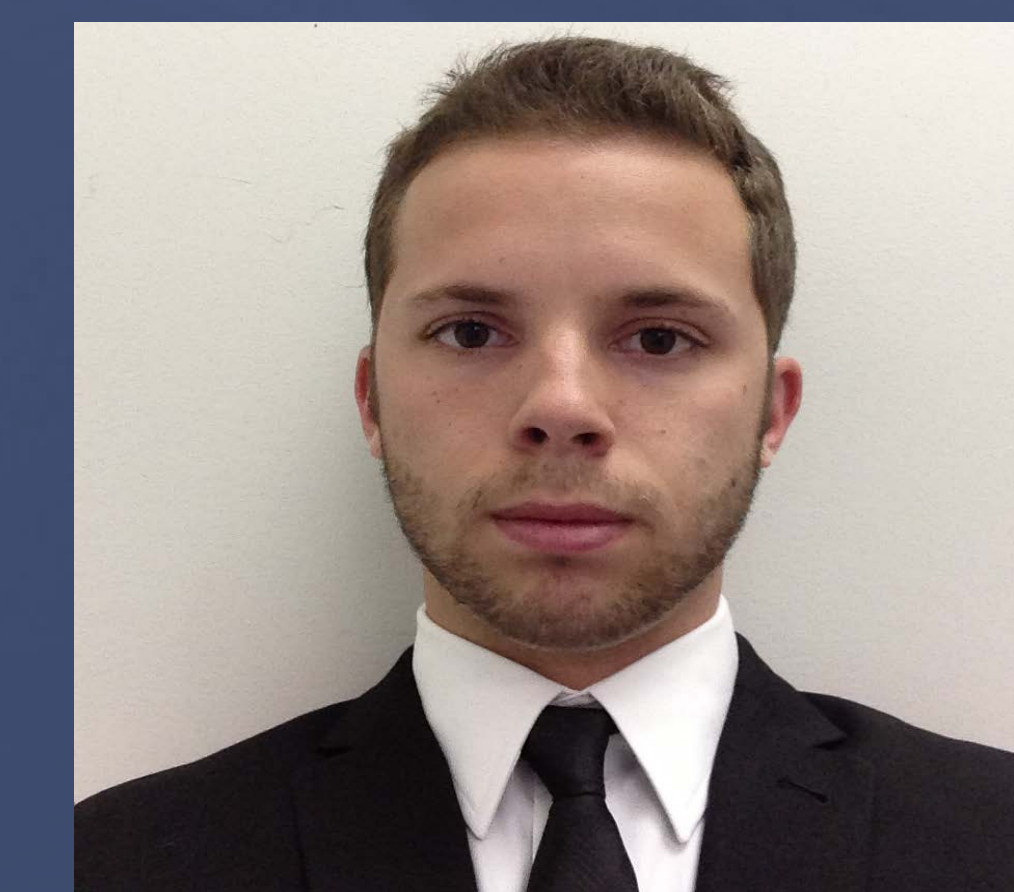
- Pursue a project that allows equal cooperation from each team member.
- Propose a project which demands each team member to utilize the four years of undergraduate studies.
- Enter and win a competition to showcase the FIU program.



TEAM MEMBERS



Luis Ramos



Daniel Reyes



Alejandro Diaz

Advisor: Dr. Tansel