



FSAE Racecar: AR-11 "Savage"

Advisers: Dr. Michael McCarthy, Robert "Smitty" Smith, Phil Chipman



Background

We design, build, test, and compete a formula-style racecar for the intercollegiate design series FSAE West. This year it is set to take place from June 15-18 in Lincoln, Nebraska amongst 80 universities.

Mission Statement

Complete all dynamic events, improve static event scores, and place as high as practical in FSAE West.

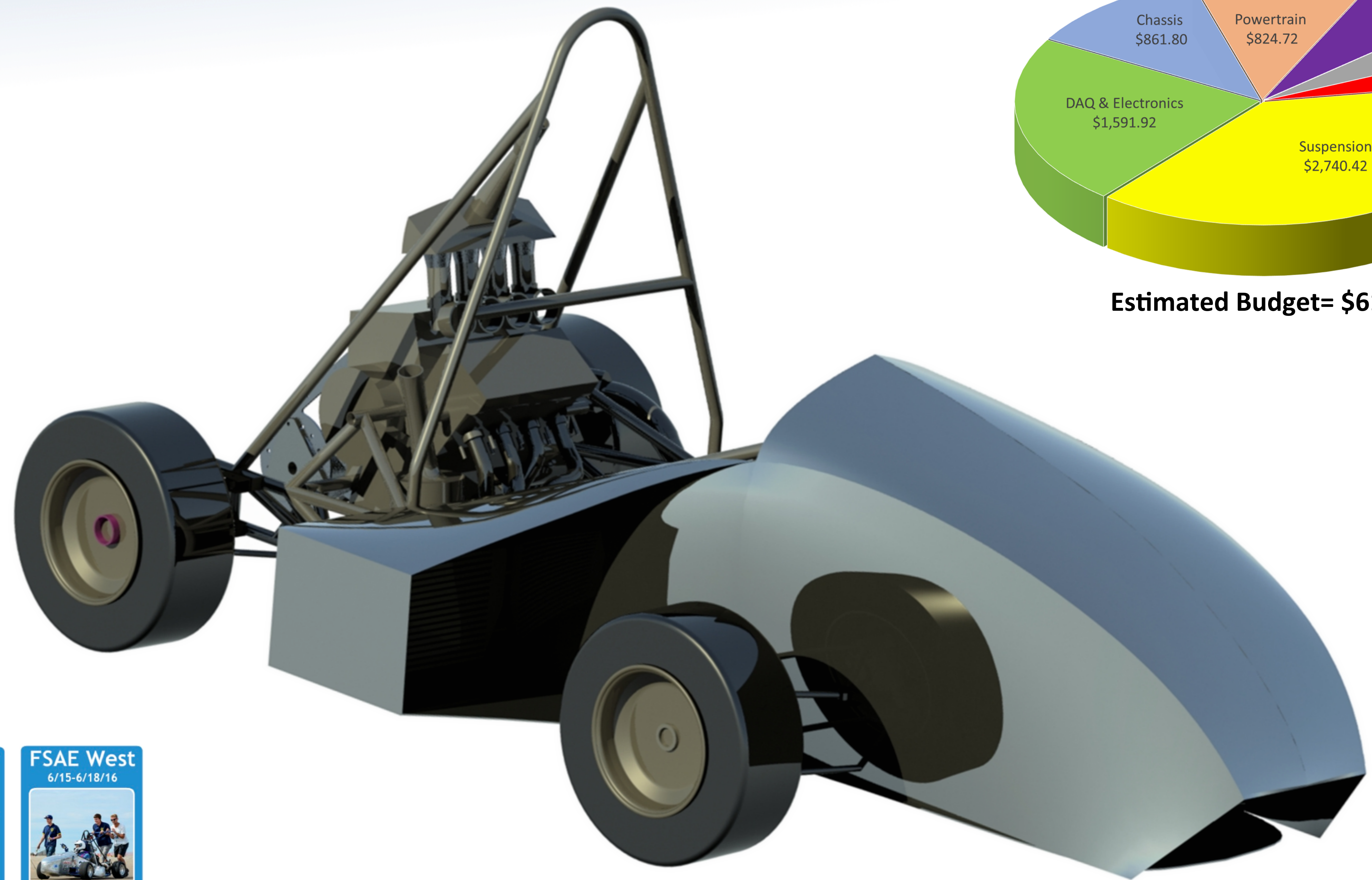
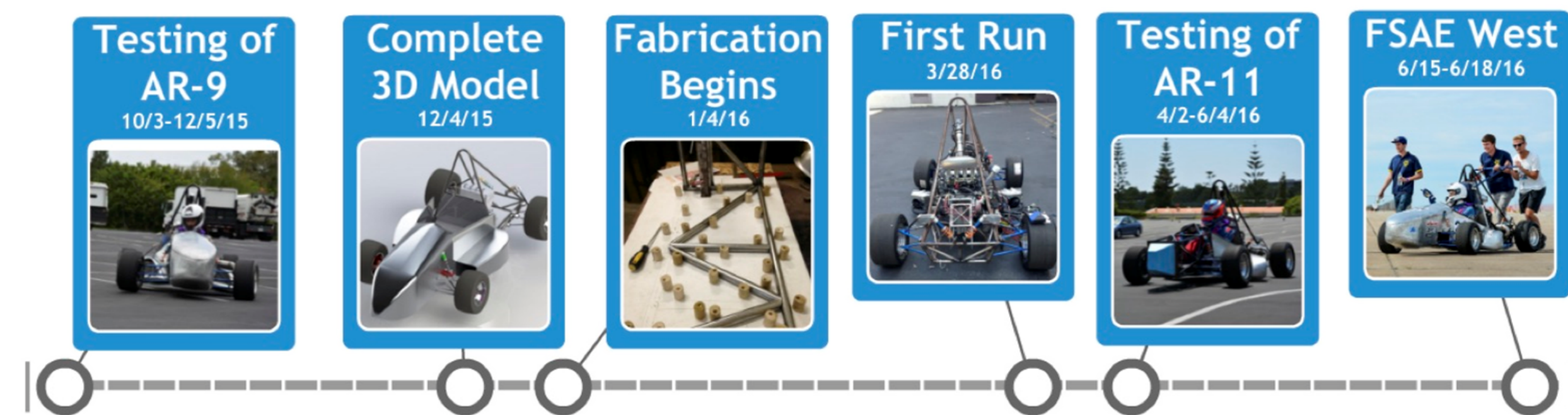
Objectives

- Improved team communication.
- Physical test verifications for new designs.
- Rules committee to ensure rules compliance.

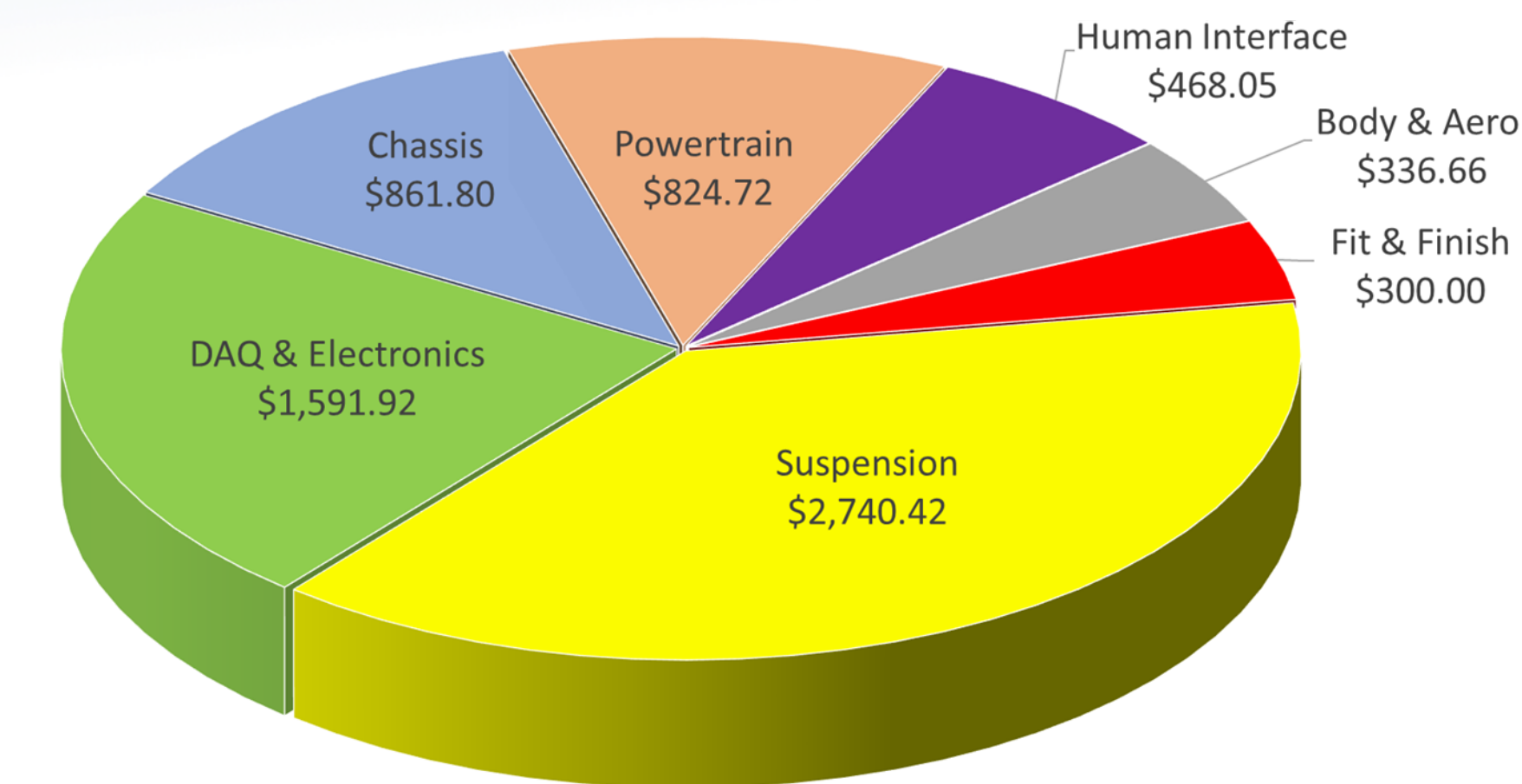
Design Requirements

- 0-60mph in 3.16 seconds
- 25' skidpad in 5.0 seconds
- Curb weight < 500 lbs
- 50/50 weight distribution

Project Timeline



Cost Summary



Estimated Budget= \$6155



Team Manager: Nawid Mehrzai
Chief Engineer: Zachary Milbourn
Team Leads: KC Huynh, April Craven, McHenry Carlson, Jonathan Chen, Arnav Malawade, Chris Lee, Matt Clark
Team members: Antonio Tejeda, Nazneen Peracha, Nelson DeGuzman, Jamison DeGuzman, Michael Song, Mina Hanna, Brian Chiu, Zachary Kurien, Liangyin Guo, Haosen Xing, Arman Askari, Juan Godinez, George Saad, Andrew Nguyen, Erik Bouchard, Kim Ju Hyun, Kevin Gonzalez, Javon Johnson, Vaz Frnzyan, Yang Soo Kim, Sergio Chen, Anthony Pham, Sion Yans, Kristanto Uisan, Tyler Nelson, Zonghao Liu, George Bishara, Mark Washicko, Matthew Gill

Instagram // uciracing

Facebook // facebook.com/uciracing

