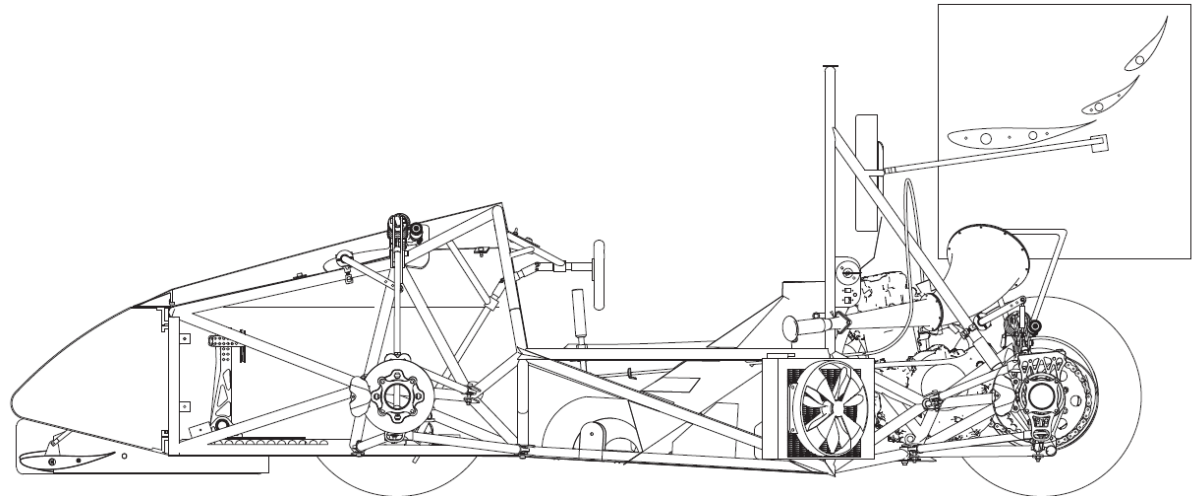


# RAVENS RACING

CARLETON UNIVERSITY FORMULA SAE

## Formula Student 2017/18



### Overview

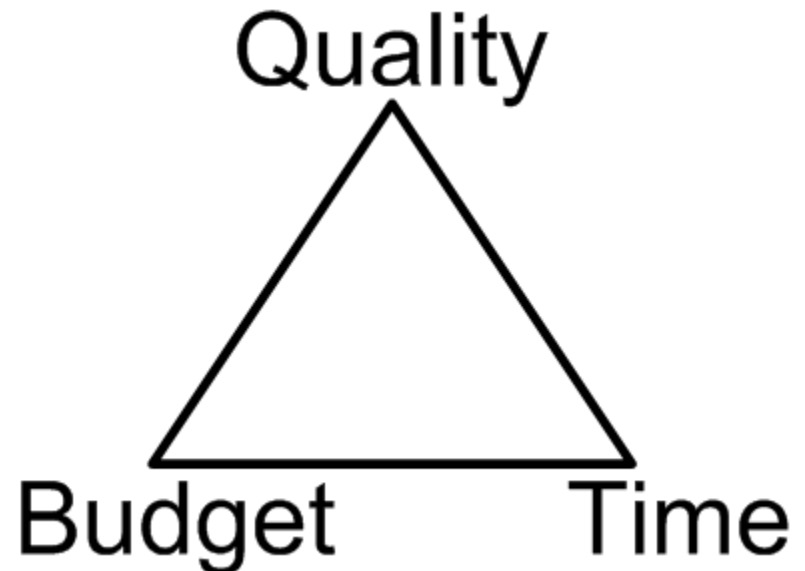
# What is Formula Student

- Engineering Program
- Design, Build, Test and Compete
- International Design Competition (700+ Schools)



# Program Objectives

- Focus on Real World Industrial Projects
- Learn Engineering Project Life Cycle
- Learn About Engineering Process
- Learn About Business – Project Realities
- Take Responsibility
- Develop Team Work
- Make Mistakes

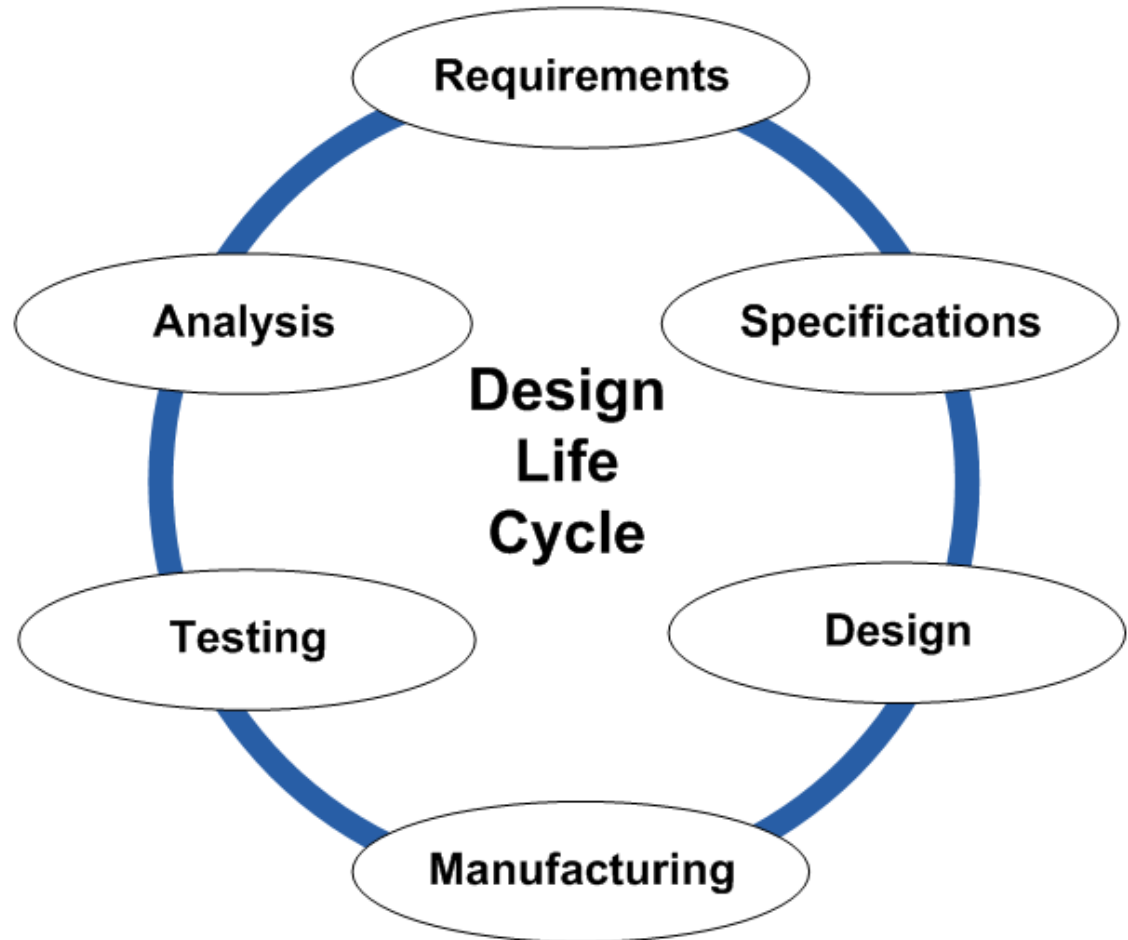


# Project Team Organization

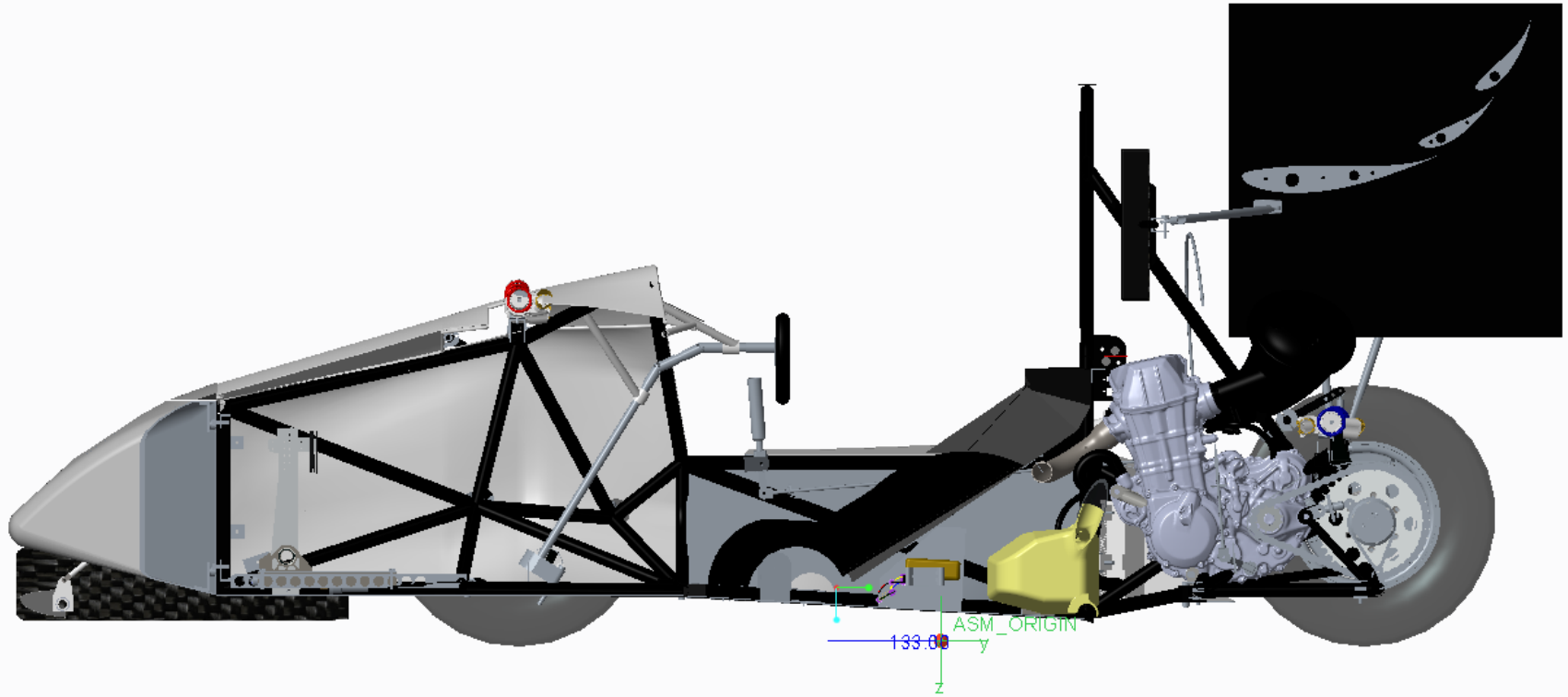
- Integration Team
  - Project Engineering
  - Systems Integration
  - Manufacturing
- Body and Assembly Team
  - Structures
  - Dynamics
  - Ergonomics
- Power Train Team
  - Engine
  - Transmission, Final Drive
  - Electronics

# Individual Roles

- Specification
- Design
- Manufacture
- Test
- Analyze
- Iterate



# Systems Integration



State:XSEC0003

# Professionalism



# Questions

