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2.007 Design and Manufacturing I  
Spring 2009

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## 2.007 FSAE Section

- International Collegiate Design Competition
  - 9 competitions worldwide
  - 300+ teams compete
- The Goal: Design and Build Formula-Style Race Car

## What is FSAE?

- Covers Aspects of a Startup Company
- Static Events
  - Design
  - Marketing
  - Cost
- Dynamic Events
  - Acceleration
  - Skid pad
  - Autocross
  - Endurance/Fuel Economy

## What is FSAE?

- Same aspects of 2.007
  - Design/Analysis
  - Fabrication
  - Testing
- Time requirements
  - Intensive (~12 hours/week)
  - Flexible (Nights/weekends in lab possible)
- Team environment
  - Support & collaboration

## 2.007 and FSAE



Flexible hours...

- We
  - will provide design guidance, flexible shop hours, CAD help, integration help, etc.
- You
  - will design, fabricate, and test a subsystem of the car
  - will keep a design notebook showing the evolution of your design
  - ensure your system integrates well with rest of car

## Responsibilities

- Friday 2-5
- Weekends
- Possibility for another section, if necessary

## Section Schedule