MICHIGAN STATE UNIVERSITY

02/11:

Design Day and the Project Video

The Capstone Experience

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Fall 2012



Design Day Overview

- Engineering Building (First Time)
- Friday, April 26, 6:30am 2:30pm
- Exhibits of Design Projects
 - From Entire College of Engineering
 - Visitors Include
 - Faculty
 - Family and Friends
 - Corporate Sponsors
 - Middle and High School Students
- Dress is Business



- 6:30 a.m. Setup and Donuts
- 7:00 a.m. All-Hands Photo
- 7:30 a.m. 11:45 a.m. Presentations to Judges
 - See <u>Schedule</u>
 - Room TBD (TBD Floor)
- 7:30 a.m. 12:30 p.m. Team Exhibits
- 12:00 p.m. Free Lunch
- 12:30 p.m. Tear Down
- 1:15 p.m. Awards Ceremony
- 2:30 p.m. Debriefing Meeting
 - All-Hands
 - Families and Friends
 - Judges
 - Corporate Visitors



Main Lounge



Team Exhibit

- Table
- iMac
 - For Software
 - For Project Video
- Other Device(s)
 - MacBook Pro
 - iPhone/iPad
 - Android
 - STB
 - Etc...
- Poster
 - DD Booklet Page
 - Provided by Dr. D.

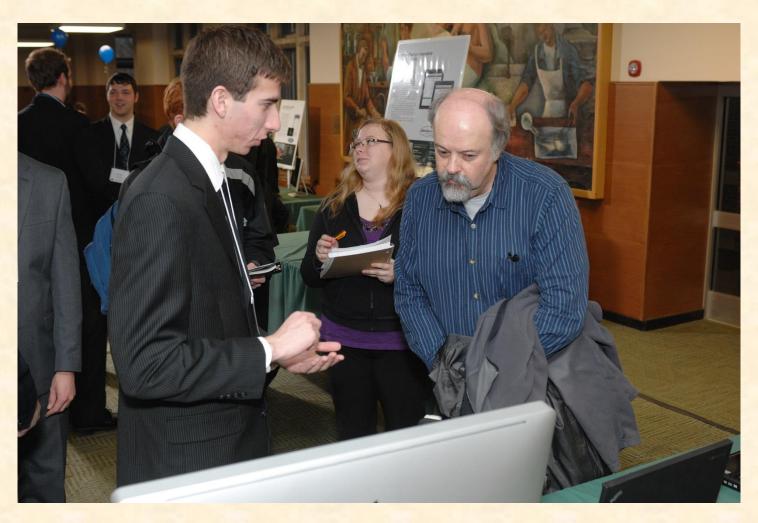


High School Students





Faculty





Sponsors





Families and Friends



- Awards
 - Auto-Owners Exposition Award
 - Chrysler Praxis Award
 - TechSmith Screencast Award
 - Urban Science Sigma Award
- ~12 Judges
- Based On
 - Project Plan
 - Project Video
 - Design Day
 - Exposition
 - Presentation to Judges



Viewing a Project Video





Judges' Questions



Sponsors and Families





Judges at the Exhibits



Awards Ceremony





Award Ceremony





Project Video

- Tells Project Story
 - The "Problem"
 - Your "Solution"
 - Architecture
 - Some Technical Details
 - Software Demo
 - Acknowledgements
- 10-12 Minutes in Length
- Professional
- Lots of Work



Project Video How To

(1 of 2)

- Story Board
 - Plan Video and Audio
 - Very Specific
- Capture Video
 - Screen Video or Shots
 - Photographs
 - Digital Video
- Capture Audio
 - Write Script
 - Record in Telecomm Sound Studio



Project Video How To

(2 of 2)

- Edit
 - Video
 - Audio
 - Use
 - o Camtasia
 - Other Software of Your Choice
- Produce
 - .wmv
 - Other Formats of Your Choice

Project Videos

- See <u>Archives</u>
- Examples
 - Ford Ford Conference Room ►
 - Medtronic
 Mobile Health Management System
 - TechSmith
 Screen Capture Multi-Image Output Accessory for Snaglt

