Welcome to AIMS² (HSI-STEM Grant)
Meeting # 45

2 PM – 4:00 PM, August 19th, 2016
JD 1568
AGENDA

• Welcome and Introductions – Ramesh
• Information Items - Ramesh
  • Updates on No Cost Extension Request* and Budget – Scott Perez and Michele Yeater
  • Logistics for second annual research symposium – Sep 14th
• Project Evaluation, Plans and Timelines for Final Report – Nathan
• Project Activities/Academic Progress of Cohorts
  • Glendale Community College – Jan Swinton, Scott Rubke, and Richard Cortes
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  • CECM – Anwar Alroomi, David Boyajian, Tadeh Zirakian, and Sami Maalouf
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• Meetings Calendar for fall 2016
• Adjourn
The AIMS² Project Team
Attract, Inspire, Mentor, and Support Students

Faculty and Staff from the College of the Canyons, Glendale CC, & the College of Engineering and Computer Science, CSUN
College of the Canyons

Los Angeles Pierce College

California State University, Northridge

Glendale Community College

Moorpark Community College

Los Angeles Mission College

Michael D. Eisner College of Education

College of Engineering and Computer Science

College of Science and Math

Civil Engineering and Construction Management

Computer Science

Electrical and Computer Engineering

Manufacturing Systems Engineering and Management

Mechanical Engineering

Organization – Bridging the Gap: Enhancing AIMS² for Student Success
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September 14th Research Symposium

• Where – Northridge Center, and West Valley Room, CSUN
• Time – 4 PM – 7 PM, followed by a reception
• Anticipate – 11 Presentations based on summer 2016 research projects (and ongoing AIMS² research projects)
Oral Presentations - Timelines

- Each team (11 projects) will present their slides and also display a poster
- Each PPT should be preloaded ahead of time onto the laptop we will use at the Northridge Center (deadline to submit to Stacey is 09/09/16)
- Each group will have: 7 mins – Presentation and 3 mins – Q&A, transition period – 2 minutes
- The posters will be stationed in the West Valley room so they can be viewed during the reception (deadline to submit file to IS group for printing is 09/09/16)

*Faculty advisors will introduce their students and respective projects during the transition period and moderate Q&A*
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TOPICS COVERED DURING SUMMER RESEARCH PROJECT

• An Introduction to Innovation & Entrepreneurship (I & E)
• Understanding of why I & E is important to engineers
  • What is an entrepreneurial mindset and how do you use that as an engineering?
• Product Development based on customer inputs (Lean Startup)
• What is the global supply chain & what is its importance to engineering firms?
• What is quality & why is it important for engineers to understand quality & quality management?
OUTCOMES OF SUMMER RESEARCH PROJECT

- Understanding what the research process is – what is actually doing research in I&E?
- Independent Thinker – understanding that there is no right or wrong answer
- Shift in mindset
  - Understanding I & E and how it could relate to different disciplines
    - Health & Wellness and to the Aerospace Industry
- Critical thinking and how to solve problems while taking customer feedback into consideration
- Understanding of supply chain management
OUTCOMES OF SUMMER RESEARCH PROJECT

• Helps student with idea development for senior design project & be a leader & mentor to senior design team
  • Incorporate I & E into senior design project through 2016-17 academic year
• Publishing a paper at the SHPE Conference in Fall 2016
• Continuing research on the topic
• Understanding the balance between independence in research and collaborating
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- Aug 18, 2016*
- Sep 14, 2016**
- Oct 13, 2016*
- Nov 10, 2016*
- Dec 08, 2016*

*Monthly meetings above are scheduled from 2 PM – 4 PM in JD 1568.

** Annual Research Symposium at the University Union: 4 PM – 8 PM
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