Industrial Advisory Board Meeting

Industry Outreach Overview

Mar 17, 2015

Southern Polytechnic College of Engineering and Engineering Technology

H. Ho, ECET Dept.
Industry Outreach Overview

- Our college mission is workforce development, which is to produce graduating engineers with the highest competency, **academically and professionally**.

- Industry outreach are efforts for our faculty and students to engage with industry:
  1. **Industry Seminars** are given by industry experts. Topic areas in design, practices, applications, and career.
  2. **Industry field trips** are visits to companies to observe and learn about their products and practices.
  3. **Industry Conferences** to expose students to current trends and challenges
  4. **Industry association groups** are vehicle for engaging with industry.
  5. **Capstone review board** to include industry members.
  6. **New Product Development** course introduced in Fall 2014.

- We are looking for suggestions, sponsors, and volunteers from industry.
Industry Partners

Newell Rubbermaid
PHILIPS
at&t
EMERSON
TAG
Quanser
Experis
Cooper Lighting
by Eaton
Hitachi Data Systems
Promethean
ATP
Outreach

Total Faculty Hours

- Team Advising & Competition Judging, 265, 10%
- Industry Outreach, 256, 10%
- Competitions & Events, 844, 31%
- Recruiting, 630, 23%
- Community/School Services, 693, 26%

Annual Student Impact

- Industry Outreach: 860 SP students, 1984 K-12 students
- Recruiting: 0 SP students, 53 K-12 students
- Community/School Services: 16 SP students, 370 K-12 students
- Competitions & Events: 37 SP students, 1270 K-12 students
- Team Advising & Competition Judging: 56 SP students, 47 K-12 students
Seminar Topics (past year)

ECET Industry Seminar Series

Product Development Challenges
Wed Mar 11, 2015
5:00-6:00pm,
Design Building II Room 112 (Auditorium)

Want to prepare for a great career in Engineering? Learn about the
industries, applications, and career from practicing experts in the
industry! This month’s topic is: Product development of Pressure.

Product Development Challenges:
- Identifying problems and opportunities
- Solution and product development
- Commercialization
- Application to hospital medical care

Speaker:
Mr. Faisal A. Al-M., CEO
EMERSON

ECET Monthly Industry Seminar Series

Presents
Control System Design Demonstration
Wed Nov 11, 2014
6:30-8:00pm,
Design II Building Room 112

Building a Career in Engineering
You're invited to a panel discussion with industry professionals to
learn about engineering careers and opportunities. The panelists will
talk about their experiences in engineering, what they do, and how
to get started in the field.

ECET Monthly Industry Seminar Series

Presents
Modern Embedded System Development
Feb 2014
12:00-1:30pm Q104

Lighting Industry and Applications
Friday Feb 21,
12:00-1:30pm Q104

Contact: professor Hal J. - ECET Dept. - 770-423-1398
3/28/14 - Peachtree City, GA
A field trip to the Eaton’s Cooper Lighting company for a group of engineering students and two ECET faculty members. Our gracious host, the SOURCE team, educated us on lighting basics, applications, and LED innovations. We toured the manufacturing and innovation centers. The product engineering group presented the process of developing and manufacturing lighting products – good stuff! Met two SPSU alumni. Overall, a great experience.

“...absolutely loved it”
“I now have an idea of the real world work environment”
“It made me start thinking about doing Lighting as a career choice ...”

Prof. Tippens/Ho presented the thank-you certificate to Mr. Romero

Engineering students at the SOURCE training center
ATP Sponsor (scholarship)
Summary

• Industry outreach has tremendous direct impact to our engineering students.
• Calling for companies to engage with us on industry outreach
• Contact Hai Ho at hho3@Kennesaw.edu