



## **Department of Mechanical Engineering Industrial Advisory Board (IAB) Meeting**

**Wednesday, December 11<sup>th</sup>, 2002  
Mechanical Engineering Conference Room – EAS 3327**

**In attendance:** Dr. Munroe, Dr. Levy, Dr. Franquiz, Dr. Cao, Dr. Crumpler, Dr. McGoron, Dr. Zampino, Dr. Rincon, Dr. Tao, Dr. Tansel, Carmen Schenck, Dr. Jones, Dr. Wu, Dr. Tosunoglu, Dr. Moore, Dr. Agarwal, Dr. Fan, Dr. Carnegie, Bob Shisler, Nigel McDonald, John Nix, Chip Tomonto, Stanley Satz.

**Meeting commenced at 12:36 PM.**

Dr. Munroe welcomed the Industrial Advisory Board and informed those present of the conclusion and findings of the ABET Review. Dr. Munroe advised the board of the ABET team findings concerning constituencies, the formation of the Student Committee and the plans to improve on the criteria.

The Agenda for this meeting was announced as:

Lunch

ASME/RSC Conference – Presentation by Dr. Tosunoglu

Departmental Education Objectives

### **1 – ASME/RSC Conference:**

Dr. Tosunoglu distributed materials concerning the ASME/RSC Conference to be held in Miami on April 3-6, 2003. A Power Point presentation was viewed. Dr. Tosunoglu informed the Board that this conference is being held for the first time in Miami; ASME Chapter at FIU will lead in the organization of this event; University of Miami will also be participating. Location for the event will be the Biscayne Bay Marriott. An ASME administrative conference will be held simultaneously, and members are welcome to attend and participate in this important function of the department.

ABET has requested that the department maintain interaction with the IAB (Industrial Advisory Board) by collaborating on projects and to acquire support

not only from the IAB members present but other firms and entities willing to participate.

Dr. Tosunoglu introduced the student President of ASME Rosie Martinez. Ms. Martinez provided a brief description of the ASME/RSC Conference and reiterated the importance of the IAB participation.

## **2 – Departmental Education Objectives:**

Dr. Wu welcomed the IAB members. A handout was distributed and Dr. Wu explained the ABET recommendations and the process for correcting the assessment of objectives.

Dr. Wu advised of the need to have the faculty, students, alumni and the IAB board in particular provide input in terms of the objective of the program. More emphasis needs to be placed in this area.

Dr. Wu requested input from the IAB regarding the strengthening of the program objectives. Explanation and review of the objectives handout followed by a brief discussion on the objectives.

Suggestions:

A - Objective #2 – Something needs to be done regarding the status of the state of the art instrumentation at the University. Site tours at different companies so that students become familiar with various equipment. Companies have been earmarked visits by the Dean.

B - IAB would like to see the assessment statements for Outcomes in order to identify the gaps prior to developing the objectives. Dr. Wu will e-mail the survey form of the Outcomes. Explanation of the Surveys – (Alumni, Employers, Exit, etc.) followed.

C – Objective #3 - Redefine information overload. Change to “Efficient and effective” decision making.

D – Question on employer survey regarding how our students compare with students from other schools. Add question to the survey form?  
Employer survey forms should be sent to department managers. Acquire a printout of the department managers from the Human Resources Department. If the employer is local, the best way to locate information is through the Human Resources Department.

E – Objective #7 – Might be a measurement of how many students can be located in various organizations. Which are the Outcomes that tie-in to this Objective? Wording subjective not quantifiable.

Dr. Wu suggested that IAB members continue communication either with him or Dr. Munroe regarding their suggestions. Explanation of Outcomes table was presented by Dr. Wu.

**Meeting adjourned 1:32 PM.**