MATERIALS SCIENCE AND ENGINEERING PROGRAM
Faculty Meeting Minutes
April 16, 2012

PRESENT: Alpay, Carter, Gao, Kattamis, Marie, McCrackan, Shaw, and Wei.
SABBATICAL: Huey

1. The meeting was called to order at 11:03 AM.

2. The minutes of the March 19, 2012 meeting were approved with corrections.

3. Review of Action Items (All):
   a. Rampi: Graduate Committee will investigate feasibility of a 5th year MS for MSE undergraduates. Completed.
   b. All: Contact Pamir to volunteer to advise the Materials Advantage Chapter. Completed. Barry will advise the Chapter during the next AY.
   c. UG Committee: Discuss policy of students who are not admitted to MSE or SoE enrolling in MSE major courses. Completed.
   d. All: Contact Barry if interested in teaching an on-line summer course. Completed.
   e. All: Email Barry or Pamir with suggestions for members of the Industrial Advisory Board. Completed.
   f. Mark: Check on status of MSE 4901 with Senate. Completed
   g. All: Email completed ABET tables to Cathy. Completed.
   h. All: Email all end of course ABET surveys and any research papers written by UGs to Cathy. Ongoing.
   i. All: Review Graduate Program Recruitment Sheet and email Heike with suggestions for improvements or corrections. Ongoing.
   j. Pamir: Email Rampi with other statistical data for graduate program for recruitment sheet. Completed.
   k. Hal: Request Rainer send details of ASM Speaking Contest to Heike to update the website. Completed.
   l. All: Email Cathy with Fall 2012 textbook orders before April 6th. Completed

4. Review of Department Activities (Barry):
   a. Barry announced that Kurt Sickafus, Head of the Department of Materials Science and Engineering at the University of Tennessee would be the seminar speaker on April 17th. He encouraged all to attend his seminar entitled, “Radiation Induced Swelling in Oxide Pyrochlores.”

   b. He also stated that our program ranking had moved up from 48 to 46! (This ranking is based entirely upon the votes of department heads.)

   c. CMBE Spring 2012 Distinguished Lectureship Seminar:
      (1) The Distinguished Seminar speaker will be Joseph Michael, Distinguished Member of the Technical Staff of the Materials Characterization Department of the Materials Science Center at Sandi National Lab.
      (2) He will present 2 seminars:
          (a) Monday, April 23rd @ 4PM in the Dodd Center: “Microanalysis and the 2001 Anthrax Letter Attacks” and
d. Barry encouraged all to send him suggestions for seminar speakers for the fall semester; seminars will be held on Fridays at 11am in IMS-20 starting this Fall 2012.

5. Undergraduate Issues:
   a. ABET DRY Run:
      (1) Pamir announced that the dry-run evaluator, Rudy Buchheit, Professor and Chair for OSU’s Department of Materials Science & Engineering, will be on campus 2 of the following 3 days: May 7, 8, 9.
      (2) He requested that all faculty rearrange their schedules to be on-campus and available for meeting with the evaluator.

   b. UG Team Meeting:
      (1) The UG Team reviewed the policy for students not admitted into our program who shadow the program requirements.
      (2) The School of Engineering does have a policy for admission: students must have a cumulative GPA >= 3.0 or demonstrate that can raise their GPA in 2 consecutive semesters.
      (3) Although we limit enrollment into our courses to admitted MSE students, there is a loophole: during the first week of classes, these restrictions are removed and students can register without permission numbers if there are open seats available.
      (4) One possible solution to this loophole is to decrease the maximum enrollment for our courses one week before classes begin.
      (5) Cathy will email the Scheduling Office with this request before the beginning of each semester.

   c. Open House:
      (1) Pamir stated that this semester’s Open House had an excellent turnout.
      (2) The event was a success due to Rainer’s efforts.

   d. Catalog Language Changes:
      (1) Leon reported that the list of professional and technical electives were outdated and suggested the following:
      (a) Delete the recommended professional and technical electives from the University Catalog; and
      (b) Replace the deleted electives with the following statement: “A current list of recommended professional and technical elective courses can be found at http://www.cmbe. engr.uconn.edu/mse_curriculum.html.”
      (2) Leon moved that the above catalog changes be accepted; the motion was seconded by Mei and unanimously passed.
      (3) Mei will present the approved changes to the SOE C&C Committee.

   e. ABET:
      Faculty were reminded of the need to submit copies of exams and other handouts.

   f. 5 year BS/MS Degree Program:
      (1) Mei presented details for the 5-year degree program: Students would receive their BSE in MSE and continue on for another year to receive a MS (without thesis) in BME.
      (2) BME (Don) has given a slot during ENGR 1000 (2nd or 3rd week of September) to Mei so she can present this program to the BME freshmen.
      (3) Radenka suggested that MSE follow in ME’s footsteps for their 5-year MS by requiring a minimum cumulative GPA of 3.5.
(4) Cathy presented Hal’s questions and concerns: Will there be a minimum GPA? Is any research or internship required? Will there be any grad assistantships for 5th year? When is the official entry to grad school? Is student eligible for tuition waiver?

6. Graduate Issues:
   a. Fall 2012 Admissions: (Report relayed by Pamir via George’s email message):
      (1) 22 offers have gone out.
      (2) There are 10 students who have accepted our offer, with 4 offers still out with replies pending.
      (3) Of the offers accepted, there are 2 domestic students, 2 international students currently at US institutions (Rutgers, NCSU), 2 from China, 3 from India, and 1 from Turkey.
      (4) We are now waiting for replies from the 2nd tier of applicants.
      (5) April 15th is the deadline for accepting offers.
      (6) The committee will next consider admitting a few students from a pool of self-funded MS applicants.

7. Chapters:
   b. MRS: Barry stressed the need to get students involved in chapter activities and attending meetings.
   c. Alpha Sigma Mu (Hal): Nothing to report.

8. The meeting was adjourned at 11:58 AM.

   ACTION ITEMS:

   a. Cathy: Email Scheduling Office with request to decrease maximum enrollment for MSE courses to current enrollment before the beginning of each semester.

   b. Mei: Present approved catalog changes for professional and technical electives to SOE C&C Committee.

   UPCOMING MEETING DATES:

   MSE FACULTY MEETING: May 14 @ 11AM, IMS-147B CANCELLED!
   HAVE A GREAT SUMMER!!