Minutes of the
Department of Materials Science and Engineering Faculty Meeting
Monday, November 16, 2015
IMS Room 147A

Attendance: Faculty: Mark Aindow, Pamir Alpay, Hal Brody, Avinash Dongare, Pu-Xian Gao, Rainer Hebert, Seok-Woo Lee, Serge Nakhmanson, George Rossetti, Prabhakar Singh; Staff: Cathy McCrackan, Lorri Lafontaine

I. Meeting called to order by Pamir Alpay at 11:00 a.m.

II. Minutes of the meeting of October 19, 2015 were approved as written.

III. Departmental Updates: Pamir Alpay
A. Advisory Board Meeting: Pamir Alpay announced the format of the next Advisory Board meeting will change. The board members will be divided into three groups (along with faculty designees), who will be asked to provide brief reports of recommendations in the following areas: 1) Which areas should MSE invest and what should the hiring skill base be? 2) How to pursue joint research opportunities between UConn and industry? 3) How to establish a formal internship program, create scholarships for undergraduate students and market MSE at UConn, in the State of Connecticut and the United States? This will help MSE with strategic planning (short- and long-term). Pamir Alpay will follow up with the SoE Dean and Provost to discuss the board's recommendations and how their recommendations can be implemented. All faculty are invited to join the board for lunch.
B. Teaching Schedule Academic Year 2016-17: The spring 2016 and academic year 2016-2017 teaching schedules were distributed to faculty for review (attached). Avinash Dongare requested the graduate seminar be moved to a later time.

IV. Undergraduate Issues
A. Courses and Curricula - Approval of Changes for the Undergraduate Course Catalog: Rainer Hebert moved to change the following:
1) 4902W. Capstone Design Project II
   Change “Prerequisite: MSE 4901...” to “Prerequisite: MSE 4901W...”
2) 3029. Ceramic Materials
   Delete “Hours by arrangement” and “Kattamis”
3) Add “MSE 2102” as a prerequisite to the following MSE courses:
   2053. Materials Characterization and Processing Laboratory
   3029. Ceramic Materials
   4240. Nanomaterials Synthesis and Design
   4241. Nanomaterials Characterization and Application
4) Under Engineering Physics - Materials Science and Engineering:
   a. Delete CHEG 3156
   b. Change MSE 4901 to MSE 4901W
   c. Change MSE 4003W to MSE 4003
5) Change (in bold italics): Nanomaterials Concentration: At least one of the following: MSE 4240, 4241; ENGR 2243 when taught as Nanoscience and Society. The additional required credits can come from the previous list or from the following: ENGR 4243, 4244, PHYS 2300, 3401, 3402; CHEM 3563, 3564; MSE 4095: Atomic scale modelling; MSE 4095 nanomaterials research in faculty labs* (3 credits total, may be split across multiple terms); additional courses with nanomaterials content taught by various departments* (*Must be approved by nanomaterials advisor)
6) Under Degrees Offered and Accreditation:
   Change 128-credits for Materials Science and Engineering to 129-credits.
   The motion was seconded by Mark Aindow and approved unanimously by faculty.
Page 2
Faculty Meeting Minutes (11/16/15)

IV. Undergraduate Issues continued
   B. Concentrations: Faculty discussed the different concentrations and their demand. Hal Brody
      noted concentrations sometimes serve as good marketing for students when searching for
      employment. George Rossetti suggested a concentration in metallurgy ceramics
      materials/polymers. Discussion followed.
   C. ABET: Pamir Alpay noted faculty are reviewing new ABET guidelines; discussions will continue.

The meeting was adjourned at 12:00 p.m.

Respectfully submitted,

Lorri Lafontaine
Administrative Services Specialist