

NEO

New Educator's Orientation

College of Engineering

University of Wisconsin-Madison



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SCHEDULE

Wednesday, January 11, 2006

7:45 **Registration and Complimentary Beverages and Pastries.**
Tong Auditorium - Engineering Centers Building.

8:00 **Welcome**
Tong Auditorium - Engineering Centers Building

Facilitators:

Pat Farrell, Associate Dean, College of Engineering.

8:15 **Resources in the College of Engineering**
Tong Auditorium - Engineering Centers Building

Learn about the various useful resources available to you as a Teaching Assistant in the College of Engineering. Simplify your job as a TA by seeking help when required.

Facilitators:

David Lacocque, Counselor, University Health Services.

Paul Oliphant, Senior Information Processing Consultant, CAE.

Amy Kindshi, Librarian, Wendt Library.

Sandy Courter, Director, Engineering Learning Center.

9:15

WORKSHOP 1: THOSE FIRST CLASS DAYS AND BEYOND

1045 ECB (also offered at 10:55 a.m.)

So, you have an appointment as a TA? What are your responsibilities? What are your common concerns about the first day? How can you get and use feedback from students? How do you make the transition from being an undergraduate student to a TA teaching undergraduates? How do you know the students are learning? Will you also have time for course work and research? Working in small groups, you will come up with answers to these questions. Experienced TAs will share some of their stories. You will also get a chance to critique a videotape of TAs on their first day.

Coordinators:

Michael Miller, TA, Mechanical Engineering
Angela Jones, TA, Chemical & Biological Engineering
Todd Loushine, TA, Industrial Engineering
Andrea Bill, TA, Civil & Environmental Engineering
Kerry Widder, TA, Electrical and Computer Engineering
Eric Anderson, TA, Mechanical Engineering
Raman Arora, TA, Electrical and Computer Engineering
Elise Huang, TA, Chemical & Biological Engineering

Facilitators:

Christine Nicometo, NEO Program Director

10:45

BREAK

10:55

WORKSHOP 2: COOPERATIVE & ACTIVE LEARNING

Tong Auditorium - Engineering Centers Building (also offered at 9:15)

This workshop deals with teaching strategies in your classroom. In addition, multiple approaches to assess student learning as well as using specific tools for grading are covered.

Coordinators:

Ranjith Kumar, TA, ECE

Facilitators:

Sandy Courter, Director, Engineering Learning Center

12:25

EVALUATION

12:30 **WORKSHOP LUNCHEON: Creating Effective Teaching and Learning Opportunities with Our Cultural Perspectives**
Tong Auditorium - Engineering Centers Building

Coordinators:

Ranjith Kumar, TA, ECE.

Facilitators:

Sandy Courter, Director, Engineering Learning Center.

Luis A. Piñero, Assistant Vice Chancellor.

Jeanne Hendricks, College of Engineering.

Thursday, January 12, 2006

7:45 **Registration and Complimentary Beverages and Pastries**
Engineering Hall Lobby

8:10 **WELCOME - Paul Peercy, Dean, College of Engineering**
1800 Engineering Hall

8:15 **Our Undergraduate Engineering Students: Helping Them Learn**
1800 Engineering Hall

What motivates you? What, if anything, frustrates you? What surprises you? What do you wish your instructors knew more about? What do you wish your teaching assistants knew more about? What else would you like us to know? These questions refer to undergraduate courses and learning environments here at UW-Madison. They were among those questions recently used in an email survey of undergraduate engineering students. Remember that these students are in chemistry, physics, math, and other courses in addition to engineering courses. While an analysis of the survey results is available, a panel of undergraduate engineering students will start our conversation on January 12. With their comments as a foundation, you will be able to 1. build an awareness of students' characteristics that affect learning, 2. identify strategies to help our students learn, and 3. assess student understanding and development.

Moderators:

Sandra Courter, Director, Engineering Learning Center

Panelists:

Panelists will be undergraduate engineering students.

9:00 **ADJOURN TO WORKSHOPS**

9:15 **WORKSHOP 3: PRESENTATION SKILLS**

1045 ECB (also offered at 10:55)

Preparation and awareness of effective presentation skills will build your credibility as a teacher who knows the material and knows how to help others understand it. This workshop focuses on delivery skills and the opportunities you have to help your students learn. You will have a chance to do a practice presentation and get feedback from your peers.

Coordinators:

Roger Black, Assistant Faculty Associate - EPD

Thomas McGlammery, Associate Faculty Associate - EPD

Laura Grossenbacher, Director, TCC Program - EPD

Steve Preston, TA, Civil & Environmental Engineering

Stephanie Britton, TA, Material Science

Niveditha Sundaram, TA, Electrical and Computer Engineering

Jay Wierer, TA, Electrical and Computer Engineering

Facilitators:

Christine Nicometo, NEO Program Director.

10:45 **BREAK**

10:55 **WORKSHOP 4: ISSUES OF DIVERSITY IN TEACHING AND LEARNING**

Tong Auditorium - Engineering Centers Building (also offered at 9:15)

As an instructor, you will face issues that affect student learning; those issues may include race, gender, sexual orientation, and sexual harassment/consensual relationships. This workshop will familiarize you with the issues and introduce policies and available resources. UW-Madison values its diversity; you can help yourself and your students thrive in this place. Plan to explore several case studies that are specific to the engineering classroom. This workshop satisfies the TAA contractual diversity/harassment training requirement for advancement to the "experienced" level and rate.

Coordinators:

Ranjith Kumar, TA, ECE

Facilitators:

Luis Piñero, Assistant Vice Chancellor.
Jeanne Hendricks, College of Engineering.

12:25 **OVERALL EVALUATION**

12:30 **ADJOURN**

Some departments have presentations planned. Contact your department for further information.

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Thank you for visiting!