

NEO

New Educator's Orientation

College of Engineering

University of Wisconsin-Madison



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SCHEDULE

Wednesday, August 30, 2006

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

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

Don Woolston, Assistant 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, Psychologist and Counselor, University Health Services.

Paul Oliphant, Senior Information Processing Consultant, CAE.

Diana Wheeler, Instruction Coordinator, 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.

Panelists:

Andrea Bill, TA, Civil & Environmental Engineering
Li Xi, TA, Chemical & Biological Engineering
Darren Tremell, TA, Electrical and Computer Engineering
Tom Carstens, TA, Engineering Physics
John Henkel, TA, Electrical and Computer Engineering
Andrew Owen, TA, Electrical and Computer Engineering
Sonia Yan, TA, Electrical and Computer Engineering
Peter Ferrin, TA, Chemical & Biological Engineering
Michael Taylor, TA, Engineering Physics

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, August 31, 2006

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

8:10 **WELCOME - Steve Cramer, Associate Dean, Academic Affairs, College of Engineering**
1800 Engineering Hall

8:15 **Connecting Current Research to Effective Teaching: Motivating Students**
1800 Engineering Hall

Nanotechnology. LEDs. Biological sensors. Nanobucky. Energy storage. Every discipline has its cutting-edge research. This plenary session will focus on how you can use recent advancements in science and technology to motivate your students.

Facilitators:

Wendy Crone, Associate Professor, Engineering Physics

Mark Eriksson, Associate Professor, Physics

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:

Jay Wierer, TA, Electrical and Computer Engineering
Doug Janes, TA, Electrical and Computer Engineering
Shyam Bharat, TA, Electrical and Computer Engineering
Katie Cadwell, TA, Chemical & Biological Engineering
Dan Swanson, TA, Engineering Physics
Todd Loushine, TA, Industrial Engineering
Michael Miller, TA, Mechanical 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!