

**University of Michigan Mathematics Department
Graduate Student Instructor Professional Development Program Schedule, Fall 2008**

Monday, August 25

8:30-1:00 Math Dept. Orientation for ALL NEW Graduate Students Staff of the Graduate Office EH Common Room
Continental Breakfast/orientation activities/lunch (Program will be distributed at orientation)

1:00-2:00 Benefits Overview Benefits Staff 1360 East Hall

Assignment: *Pick up your textbook and calculator between 12:30-3:30 pm from the Undergraduate Office in 2084 East Hall. You will need your textbook tonight.*

3:30-4:00 Teaching a Michigan Introductory Course & Preview of the Week All Staff 296 Dennison
Introduction of professional development staff

4:00... Chairman's Welcome Reception East Hall Atrium

Assignment: *Prepare a 7- minute explanation for the Tuesday morning session using the assignment sheet to guide you. Consult the Group & Topic (GAT) list to find your topic, time, and room.*

Assignment: *Start thinking about your first-day handout sheet. You should have your draft approved by Friday.*

Tuesday, August 26

9:00-10:45 Group I: Individual Practice Teaching (7 minutes each, videotaped) All staff Seminar rooms
Instructors are videotaped giving a short lesson to other instructors; followed by a discussion.

10:45-12:30 Group II: Individual Practice Teaching (7 minutes each, videotaped) All staff Seminar rooms
Instructors are videotaped giving a short lesson to other instructors; followed by a discussion.

1:30-3:00 A New Term, A New Place Karen Rhea 296 Dennison
First Day; Course features; Grading System

Assignment: *Prepare a 15-minute mini-lecture/explanation on new material. See GAT list.*

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Wednesday, August 27

9:00-11:30	Extended Individual Practice Lecturing (<i>15 minutes each</i>) <i>GSI's present a 15-minute mini-lecture/explanation on new material and receive feedback</i>	All staff	Dennison rooms
11:30-12:30	Cooperative Learning Techniques in the Classroom <i>Descriptions of a variety of techniques for getting students to work together in class; strategies for organizing effective in-class groups</i>	Gavin LaRose, Sara Gentry	296 Dennison
1:30-2:30	Visualizing an Interactive Class <i>A team of grad students puts it all together for us</i>	Oscar Fernandez and Team	296 Dennison
3:00-3:30	Breakout Sessions (choose one). Session topics will be announced on Tuesday	All Staff	Seminar Rooms

Assignment: *Prepare a short list of topics that were covered in the assigned section of the text (see GAT). Pretend that the section was covered in the previous class and ask for questions on the problems from that section. Be prepared to answer simulated student questions on the “homework” from that section.*

Thursday, August 28

9:00-11:30	Individual Practice Answering Questions (<i>15 minutes each</i>) <i>Instructors give a 1-minute recap of a textbook topic and then ask for “student” questions on the associated homework problems.</i>	All staff	Dennison rooms
11:30-12:00	Grades, Ethics and Values <i>How to handle the instructor-student relationship</i>	Jen Beichman, Brian Jennings, Jeff Meyer	296 Dennison
12:00-12:30	Setting Up and Running Out-of-Class Homework Teams <i>How to form teams, team roles, etc.</i>	Sara Gentry, Oscar Fernandez	296 Dennison
1:30-2:30	Understanding Student Thinking <i>Feedback from a collaborative effort to probe students’ conceptual understanding</i>	Karen Rhea, Gavin LaRose	296 Dennison
3:00-3:30	Breakout Sessions (choose one). Session topics will be announced on Tuesday	All Staff	Seminar Rooms
3:30-4:00	GEO Orientation	GEO Representative	East Hall 3088

Assignment: *Go to <http://www.math.lsa.umich.edu/courses/Instructors/guide.html> and read -- in particular, look at the section titled Cooperative Learning in the Classroom.*

Friday, August 29

9:00-11:00	Interactive Theatre: Classroom Dynamics <i>Center for Research on Learning and Teaching (CRLT) theatre troupe</i>	CRLT Players	East Hall 1360
11:00-12:00	Course Staff Meetings & Administrivia <i>Discussion of the syllabus, assignments, gateway tests, Math Lab, and other nitty gritty (e.g. absences, late drop/adds).</i>	Gentry, Rhea, Bert Ortiz	East Hall 1360
12:00-1:00	Chairman’s Wrap-up and Final Lunch	Mel Hochster	EH Atrium