

## Math TA Training Workshop Schedule August 2013

### Wednesday August 14

8:00 Welcome and Introductions (LCB 219)

Continental Breakfast

8:40-11:50 Videotaping baseline lecture (5-7 min.) lesson from Calculus or  
Precalculus/Stats on one of the assigned topics

All in same room. (LCB 219)

11:50-12:50 Lunch Break

1:00-3:00 Continue videotaping baseline lecture (LCB 219)

**\*\*Assignment for Thursday – Watch and critique Baseline Lecture #1 and  
Prepare Practice Lecture #2\*\***

### Thursday August 15

9:00-9:50 "Mastering the Presentation" (Brendan & Megan) (LCB 219)

10:00-10:30 "Teaching to Mathemaphobic Students" (Kelly) (LCB 219)

10:30-11:00 "The Medium is the Message: How to Facilitate Effective Group  
Work in Class" (Will Nesse)

11:00-1:00 Practice lecture #2: (5 min) topic from Calculus or College Algebra  
(students split into two rooms) (LCB 222 & LCB 225)

**\*\*Assignment for Friday – Prepare Practice Lecture #3\*\***

### Friday August 16

9:00-9:50 "Examination Process" (Brendan & Megan) (LCB 219)

10:00-11:00 "Different Representations of the Same Old Stuff" (Amanda)  
(LCB 219)

11:10-1:00 Practice lecture #3: (5-7 min) solve a problem from Calculus or  
College Algebra (students split into two rooms) (LCB 215 & LCB 225)

*afternoon: Nick, Kelly and facilitators make actual teaching  
assignments*

**\*\*Students pick up course materials for assigned courses\*\***

**\*\*Assignment for Tuesday – Write a 15 minute quiz on actual course  
content. Bring 6-8 copies to class for the workshop facilitators\*\***

### Monday August 19

All day University TA Orientation

## **Tuesday August 20**

9:40-10:30 "Preparing the First Day of Teaching" (Nick) (LCB 225)

10:45-11:35 "Student Centered Teaching" (Emina)

11:50-1:00 Students pass around and comment on each others practice quizzes

**\*\*Assignment for Wednesday – Prepare Practice Lecture #4: “First Day Lecture” (Motivation for actual course content for assigned course, 5-7 minutes). Prepare Course Syllabi. Bring 6-8 copies for workshop facilitators\*\***

## **Wednesday August 21**

9:00-9:50 "Preparing for Group Work" (Nicos) (JWB 335)

10:00-10:50 "Matching Methods and Goals" (Brendan & Megan)

11:00-1:00 Practice lecture #4: (5-7 min) First day lecture from assigned course  
Bring Prepared Course Syllabi (students split into two rooms)  
(LCB 222 & LCB 225)

**\*\*Assignment for Thursday – Prepare Practice Lecture #5: “Second Day Lecture” from assigned course, 5-7 minutes\*\***

## **Thursday August 22**

9:00-10:00 "Minimizing Risk in the Classroom" (Peter Trapa) (JWB 335)

10:10-11:00 "Administrative Tips from the Advisor" (Angie)

11:10-1:00 Final Videotaping: lecture #5: (5-7 min) Second day lecture from assigned course. (students split into two rooms)  
(LCB 222 & LCB 225)

## **Friday August 23**

9:00-10:00 "Welcome to the University of Utah Math Department" (Peter Alfeld)

10:55-11:45 Panel Discussion with experienced TA's (LCB 219)