

## **Math TA Training Workshop Schedule**

### **August 2012**

#### **Wednesday August 8**

8:35 Welcome and Introductions (**LCB 219**)

Continental Breakfast

9:40-11:50 Videotaping baseline lecture (8-10 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 9**

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

10:00-11:00 "Teaching to Mathphobic Students" (Kelly) (**LCB 219**)

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 10**

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

10:00-11:00 "Effective Lecturing and Leading Discussions" (Donna) (**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 Monday – Write a 15 minute quiz on actual course  
content. Bring 6-8 copies to class for the workshop facilitators\*\***

#### **Monday August 13**

9:40-10:30 "Matching Methods and Goals" (Brendan & Megan) (**LCB 225**)

10:45-11:35 "Preparing the First Day of Teaching" (Kelly)

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

**\*\*Assignment for Tuesday – Prepare Practice Lecture #4: "First Day  
Lecture" (Motivation for actual course content for assigned course, 15**

minutes). Prepare Course Syllabi. Bring 6-8 copies for workshop facilitators\*\*

**Tuesday August 14**

9:00-9:50 "Student Centered Teaching" (Emina) (**JWB 335**)

10:00-10:50 "TBA" (Nicos)

11:00-1:00 Practice lecture #4: (15 min) First day lecture from assigned course  
Bring Prepared Course Syllabi  
(students split into two rooms) (**LCB 222 & LCB 225**)

**\*\*Assignment for Wednesday – Prepare Practice Lecture #5: "Second Day Lecture" from assigned course, 15 minutes\*\***

**Wednesday August 15**

9:00-9:50 "Administrative Tips from the Advisor" (Kelly & Angie) (**JWB 335**)

10:00-11:00 "How Not To Answer a Question (and Other Tricks of the Trade)" (Peter Trapa)

11:10-1:00 Final Videotaping: lecture #5: (15 min) Second day lecture from assigned course.  
(students split into two rooms) (**LCB 222 & LCB 225**)

**Thursday August 16**

All day University TA Orientation

**Friday August 17**

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**)