

# iSTEP: Technology Field Research in Developing Communities

15-302

The instructors may alter the course schedule during the semester. All modifications will be announced in class and be made available on the course web page.

Week	Monday Lecture	Wednesday Lecture
1 January 11	<p>Introductions by everyone in class</p> <p>Brief introduction to iSTEP course and research methods by M. Bernardine Dias</p> <p>Whirlwind tour of ICTD by M. Bernardine Dias</p> <p>Research assignment handed out</p>	<p>Introduction to field work basics in ICTD by M. Bernardine Dias <i>Challenges of research in low resource environments and importance of sustainability</i></p> <p>Introduction to iSTEP program and overview of lessons learned in iSTEP 2009 by Sarah Belousov, Ermine Teves, and M. Bernardine Dias</p>
2 January 18	<p>Introduction to iSTEP 2010 partners by Sarah Belousov and Ermine Teves <i>Introduction to AUW and YPSA</i></p> <p>Effective communication and media planning by Chris Labash and Matt Richards</p> <p>Groups assigned for in-class presentations Media plan assignment handed out Team plan assignment handed out</p>	<p>Brief introduction to the two iSTEP 2010 projects by Freddie Dias and Hatem Alismail <i>Braille Writing Tutor and Literacy Tools projects</i></p> <p>Introduction to iSTEP 2010 location by guest <i>Bangladesh: country, culture, and language overview</i></p>
3 January 25	<p>Discussion of needs assessment, research protocols, and logistics by Sarah Belousov and Ermine Teves <i>Working with partners, IRB, local regulations</i></p>	<p>Introduction to intelligent automated tutors (Part I) by Ayorkor Korsah <i>Tutorial on basics and available tools</i></p> <p>Draft of research assignment report due</p>
4 February 1	<p>Introduction to intelligent automated tutors (Part II) by Ayorkor Korsah <i>Tutorial on basics and available tools</i></p> <p>Automated tutor assignment handed out</p>	<p>Joint presentation on country, culture, and partners by all students in the class (part of research assignment).</p> <p>Draft of media plan due</p>
5 February 8	<p>No class – work on assignments</p>	<p>No class – work on assignments</p> <p>Draft of team plan due</p>
6 February 15	<p>Overview of evaluation and monitoring in ICTD field work by Beatrice Dias</p>	<p>Discussion of Braille Writing Tutor project led by relevant group of students (to be assigned)</p> <p>Discussion of Literacy Tools project led by relevant group of students (to be assigned)</p>
7 February 22	<p>Discussion of needs assessment strategy led by relevant group of students (to be assigned)</p> <p>Discussion of media and communications plan led by relevant group of students (to be assigned)</p>	<p>No class – work on assignments</p> <p>All assignments due</p>