Web Survey Design
Summer Institute in Survey Research Techniques, 2017

Instructor: Mick P. Couper
Course: SurvMeth 988.213
Time: 9:00 AM - 12:00 PM, Monday through Friday, June 19th – 23rd
Location: TBD

Mick P. Couper
4030 ISR
Tel: 647-3577
Fax: 764-8263
mcouper@umich.edu

Course Description
The course focuses on the design of Web survey instruments and procedures. The course covers all aspects of instrument design for Web surveys, including the appropriate use of various input tools (e.g., radio buttons, check boxes) for Web surveys, general formatting and layout issues, movement through the instrument (action buttons, navigation, error messages), and so on. The course draws on empirical results from experiments on alternative design approaches as well as practical experience in the design and implementation of a wide variety of Web surveys. The course also covers the challenges of designing Web surveys for mobile devices (smartphones and tablets), and the collection and use of paradata to evaluate Web survey instruments. The course does not focus on the technical aspects of Web survey implementation, such as hardware, software or programming. It also does not focus on general survey design or questionnaire design – participants are expected to have some familiarity with surveys.

Homework
There will be one take-home assignment during this course. The assignment will be due at 5 PM on Monday, June 26th. The assignment will involve a critical review of one or more Web surveys. Final grades for the course will be based on class participation (33%) and the assignment (66%).

Readings
There is no required text. However, students are strongly encouraged to purchase the following book on which the course is based:

The following book is also recommended as supplemental material:
Selected readings and handouts will be made available on Canvas, at:
https://umich.instructure.com/
## Syllabus
The following table presents the expected dates of lecture topics, and should be viewed as a rough guide.

<table>
<thead>
<tr>
<th>Date</th>
<th>Topic</th>
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| Mon, 19<sup>th</sup> | **Overview and Introduction**  
Overview of course  
Importance of design  
**The Basic Building Blocks of a Web Survey**  
Basic HTML tools for creating survey questions  
Radio buttons, check boxes, drop boxes, text fields, etc. |
| Tue, 20<sup>th</sup>  | **Basic Building Blocks (continued)**  
**Going beyond HTML**  
Active scripting, dynamic questions, multimedia, images, other tools |
| Wed, 21<sup>st</sup>  | **General Layout and Design**  
Typography, font size and style  
Background design  
Layout and screen design  
Vertical and horizontal alignment  
Single versus multiple items per screen  
Mobile optimization |
| Thu, 22<sup>nd</sup>  | **Putting the Questions Together to Create a Questionnaire**  
Instructions  
Skips, edit checks, and routing  
Progress and movement through the instrument  
Error messages  
Mobile optimization |
| Fri, 23<sup>rd</sup>  | **Implementing the Web Survey**  
The e-mail invitation  
Access control and login  
The welcome screen  
Follow-up reminder and repeat access  
Maximizing completion and minimizing nonresponse  
**Testing and Evaluating Web surveys**  
Paradata  
**Wrap up** |