

Course Introduction

James H. Steiger

Department of Psychology and Human Development
Vanderbilt University

P310, 2011

Psychology 310 — Course Goals and Strategy

- 1 Administrative Issues
 - Course Website
 - Required Software
- 2 Course Goals and Strategy
 - Course Strategy
 - Course “Rules”
 - Special Challenges

Course Website

- The single most important administrative fact about the course is the address of the course website, which is maintained on a commercial server at *www.statpower.net*
- All course information is available at this website, so you can always check into the site to get what you need.
- We'll take a quick look at the website, starting with the Course Information Sheet, which lists the key administrative details.

Course Website

- The single most important administrative fact about the course is the address of the course website, which is maintained on a commercial server at *www.statpower.net*
- All course information is available at this website, so you can always check into the site to get what you need.
- We'll take a quick look at the website, starting with the Course Information Sheet, which lists the key administrative details.

Course Website

- The single most important administrative fact about the course is the address of the course website, which is maintained on a commercial server at *www.statpower.net*
- All course information is available at this website, so you can always check into the site to get what you need.
- We'll take a quick look at the website, starting with the Course Information Sheet, which lists the key administrative details.

Required Software

- You will need a computer with a browser, *Adobe Acrobat Reader* (or other software capable of reading pdf files, *Adobe Flash*, *R*, and *RStudio* installed. This software is all free, and supports the Windows, Apple, and Linux operating systems.

Strategies and Philosophy

- “Taking stat” vs. studying statistics
- The forest and the trees
- Visual coding rules
- Conceptual ordering

Strategies and Philosophy

- “Taking stat” vs. studying statistics
- The forest and the trees
- Visual coding rules
- Conceptual ordering

Strategies and Philosophy

- "Taking stat" vs. studying statistics
- The forest and the trees
- Visual coding rules
- Conceptual ordering

Strategies and Philosophy

- "Taking stat" vs. studying statistics
- The forest and the trees
- Visual coding rules
- Conceptual ordering

Course “Rules”

- Mastery approach
- Mutual support
- Alert interaction
- Inclusiveness
- Recognition of heterogeneity

Course “Rules”

- Mastery approach
- Mutual support
- Alert interaction
- Inclusiveness
- Recognition of heterogeneity

Course “Rules”

- Mastery approach
- Mutual support
- Alert interaction
- Inclusiveness
- Recognition of heterogeneity

Course “Rules”

- Mastery approach
- Mutual support
- Alert interaction
- Inclusiveness
- Recognition of heterogeneity

Course “Rules”

- Mastery approach
- Mutual support
- Alert interaction
- Inclusiveness
- Recognition of heterogeneity

Special Challenges

- Heterogeneity of background
- Fears about mathematics
- Time constraints
- The explosive growth of statistics as a field

Special Challenges

- Heterogeneity of background
- Fears about mathematics
- Time constraints
- The explosive growth of statistics as a field

Special Challenges

- Heterogeneity of background
- Fears about mathematics
- Time constraints
- The explosive growth of statistics as a field

Special Challenges

- Heterogeneity of background
- Fears about mathematics
- Time constraints
- The explosive growth of statistics as a field

Special Challenges

