

“Teaching No-Cost:” Perspectives from Textbook Transformation Grantees



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OER Adoption and Implementation for MATH 2112 Probability and Statistics

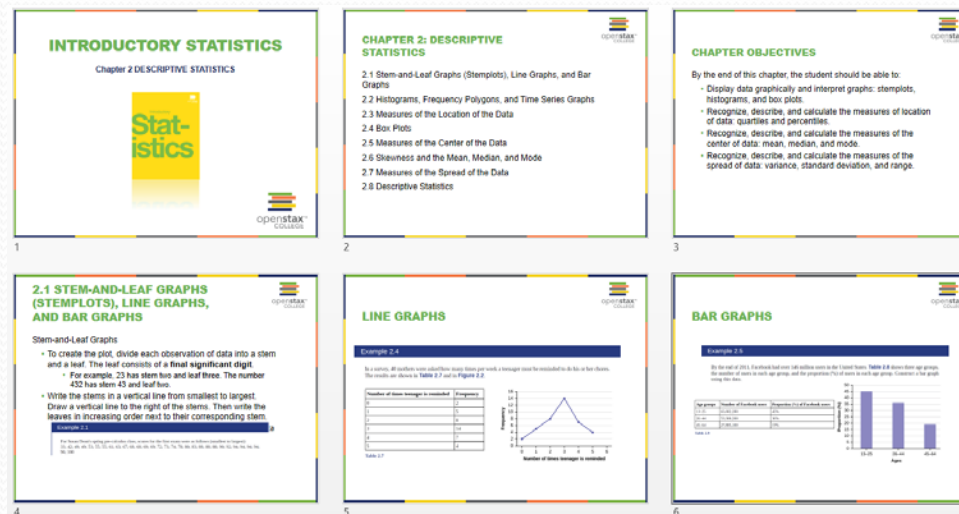
- Selection of the Textbook
 - Textbooks evaluated
 - Triola, *Essential of Statistics*
 - Sullivan, *Fundamental of Statistics*
 - OpenStax, *Introductory Statistics*
- Ancillary Resources
 - Online Homework Platform
 - PowerPoint Slides
 - Video Lectures

Online Homework Platform

- WebAssign
 - Our experience
 - Ease of use
 - Quality of the implementation of the exercises
 - Price
 - Robustness
 - Our experience with other platforms
 - MyMatLab
 - XYZ

Additional Ancillary Resources

- PowerPoint Slides
 - In development (10/13 Chapters)
 - Sample:



- All the chapter slides will be available for everyone to use/remix.

Additional Ancillary Resources

- Video Lectures
 - Videos that connect statistics to real world applications
 - Annenberg Learner - Against All Odds:
 - Annenberg Learner resources can be accessed for free at Learner.org

- Video Lectures
- One-stop access to all the resources in D2L:

The screenshot shows a D2L course interface for "Probability & Statistics Section 1 Fall 2015 CO". The user is logged in as "German Vargas as Student". The course navigation bar includes links for Course Home, Content, Assignments, Communication, More Tools, Grades, and Classlist. The main content area is titled "Chapter 3. Probability" and shows a progress bar at 80% (4 of 5 topics complete). A sidebar on the left contains a "Table of Contents" with links to Syllabus, Chapter 1, Chapter 2, Chapter 12, and Chapter 3 (Probability). The main content area lists several resources for Chapter 3, including "START HERE (Part 1/2): Against All Odds - Video Unit 18 - Introduction to Probability", "START HERE (Part 2/2): Against All Odds - Video Unit 19 - Probability Models", "Chapter 3. Probability Topics - Textbook", "Chapter 3. Probability - PowerPoint Slides", and "Chapter 3. Probability - Video Lecture".

Additional Comments

- Current impact on cost for students (Fall 2015)
 - 8 Sections of MATH 2112 Probability and Statistics (300+ Students)
 - Student savings for a single-semester/single-course (multiple sections) implementation close to \$41,000
- Courses in development and implementation
 - Trigonometry
 - College Algebra
 - Precalculus

Be an advocate for your students!

