Bringing Official Course Evaluation Data to Life

Sophia Westwood and Jonathan Potter
CS448B, Fall 2012
Is this course good?

Which course is better?

Which professor is the best?
What do most students say?...

... not just one biased reviewer on Courserank?
... where is the official registrar course evaluation data?
### Report Browser

Please select a course evaluation report to view.

<table>
<thead>
<tr>
<th>Term</th>
<th>School</th>
<th>Department</th>
<th>Instructor</th>
<th>Course</th>
</tr>
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<tbody>
<tr>
<td>All (47 terms)</td>
<td>All (7 schools)</td>
<td>All (6 departments)</td>
<td>All (28 instructors)</td>
<td>All (3 courses)</td>
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<td>EARTHSYS 143 Marine</td>
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Search: [Go](#)  
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<th>Action</th>
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<td>Arrigo, Kevin</td>
<td>View</td>
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Teaching Evaluation Summary (2011-2012 Winter)

Instructor: Barnhart, Charles
Subject: EARTHSYS
Catalog & Section: 101, 01

Ratings Summary
Course Title: ENERGY AND THE ENVIRONMENT
Enrollment: 66 Responses Incl Declines: 59
(Declined: 40)
Same as: ENERGY10101

Elements of Instruction

Overall
- Course
- Instructor

Mean | Std Dev | Median | Ex | Vg | G | F | P | N/A
--- | --- | --- | --- | --- | --- | --- | --- | ---
Course | 4.00 | 0.65 | 4.00 | 4 | 11 | 4 | 0 | 0 | 0
Instructor | 3.63 | 0.93 | 4.00 | 3 | 9 | 4 | 3 | 0 | 0

What Do You Think?® Online Course Evaluation System is a registered trademark of CollegeNET, Inc © 2012 | Help
Current problem

Frustrating to browse course evaluation data

Difficult to compare different quarters

Awkward and unwieldy interface
Our Design

Easily searchable course evaluations

Simple comparison of courses and professors

Drill down on a course to analyze in depth
Official Course Evaluations
Stanford University

Search

Enter a course or professor  Go

Best Of

Popular classes
Engineering
Humanities
Social sciences

Your Bookmarks
CS106A
English 90
Mehran Sahami
<table>
<thead>
<tr>
<th>Course</th>
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<td>Sahami</td>
<td>CS106A</td>
<td>2011</td>
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<tr>
<td></td>
<td></td>
<td>300 students</td>
<td>Fall 11</td>
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<td>CS10A</td>
<td>Sahami</td>
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<tr>
<td></td>
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<td>100 students</td>
<td>Fall 12</td>
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Other classes:
- Best of:
  - Pop classes
  - Best big classes
  - Best majors
  - Best social good
  - Favorite
  - CS106B
  - Artshidile60
  - Rob Peich

Dept avg
CS dept avg
Your Feedback

What visualizations of course evaluation data would be valuable and intuitive?

○ We have data from all courses and all quarters in the past two years
○ We have average ratings (0-5) for each course on 18 aspects, broken down into 6 categories

Which features would be the most valuable?