KCC Math Emporium
Redesign for PCM 23

M. Esteban
Fall 2010 PCM 23 Students

- Module 0: 48
- Module 1: 17
- Module 2: 40
- Module 3: 42
- Module 4: 20
- Midterm: 14
- Module 5: 14
- Module 6: 13
- Module 7: 11
- Final: 4
- Passed: 95
- WD/Drop: 55
Fall 2009 vs. Fall 2010

- Students and instructors were not used to the format
- Students enjoyed the freedom to work at their own pace
- Students wanted (and needed) more structure
- Raise the minimum passing rate
# Fall 2009 vs. Fall 2010

<table>
<thead>
<tr>
<th></th>
<th>Part I/Part II Model</th>
<th>Emporium</th>
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</thead>
<tbody>
<tr>
<td>Exams</td>
<td>70% average to take Final</td>
<td>90% mastery</td>
</tr>
<tr>
<td>Midterm</td>
<td>70%</td>
<td>80%</td>
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<tr>
<td>Final</td>
<td>70%</td>
<td>80%</td>
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<tr>
<td>Worksheets</td>
<td>Mandatory</td>
<td>Mandatory, some optional</td>
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</tbody>
</table>
Issues

• Lack of Resources
  • Staffing
    • No lab monitor
    • One in-lab tutor (3-5 hrs per week)
  • Extra lab
• Students surfing the web
• Calculator on the computer
Trouble Shooting

- Lack of Resources
  - Reduce class size to 13
  - Double the classes in the lab
- Students surfing the web
  - Websites are password protected. Allow only MyUH, Laulima, and MyMathLab.
- Calculator on the computer
  - Disabled the calculator function
  - Disabled Excel
Changes: Fall 2010 and Spring 2011

- Modified portfolio check sheets. More goal oriented.
- Quiz added after each section.
- Paper module tests moved to MyMathLab.
  - Module tests have prerequisites and are password protected.
  - Student must take it in the lab.
  - Student must complete handouts prior to exam. Instructor must manually input handout score in MyMathLab.
Changes: Fall 2011

- Daytime courses will run 4 times per week – 75 minutes each. Afternoon/evening courses will run the same at 2 times per week – 2.5 hours.
- Embed a career component into the schedule
- More class activities to maintain/improve retention