Survey Results
& Analysis
for
MATH 221 Midterm WeBWorK Survey

Wednesday, October 24, 2012
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Executive Summary

This report contains a detailed statistical analysis of the results to the survey titled *MATH 221 Midterm WeBWorK Survey*. The results analysis includes answers from all respondents who took the survey in the 8 day period from Tuesday, October 16, 2012 to Wednesday, October 24, 2012. 220 completed responses were received to the survey during this time.
Survey Results & Analysis

Survey: MATH 221 Midterm WeBWorK Survey
Author:
Filter:
Responses Received: 220

Please enter your student number. Note that your individual responses will not be passed along to your instructor and will not affect your course grades in any way. We ask for your student number to track completion and for research purpose only, so that your responses later in the term can be matched to those here.
When do you normally start your WeBWorK assignment?

- Five to seven days before it is due: 36
- Three to four days before it is due: 93
- Two days before it is due: 56
- The day before it is due: 34
- I don't usually do WeBWorK assignments: 0
How convenient is it for you to get online and submit your homework? If it is not convenient for you, please explain using the "Additional comments" box.

On average, how many hours do you spend on WeBWorK assignment every week?
On average, what percentage of a typical WeBWorK assignment do you attempt regularly? Your answer should include problems you do some work on and for which you may or may not obtain a correct answer.
On average, what percentage of a typical WeBWorK assignment do you attempt regularly? Your answer should

91.7%

1.4%

6.9%

80% to 100% 200
60% to 80% 15
50% to 60% 0
less than 50% 3

How do you usually work on a WeBWorK assignment?
What do you do if you cannot answer a question correctly at your first few attempts?
What do you do if you cannot answer a question correctly at your first few attempts?

- I will try my best to rework the problem... 62.7%
- I prefer to consult resources (w/... 34.1%
- I often give up if I cannot find... 1.8%
- Other 1.4%

Whom do you ask for help with WeBWorK problems? Check all that apply.
Do you find the "Email your instructor" option useful? Please briefly explain using the "Additional comment" box.
(Disabled) If you have used the "Email your instructor" option before, were the responses you received helpful?
On average, how would you rate the mathematical difficulty of WeBWorK problems relative to other problems in the course?
On average, how often is the syntax required to submit an answer to WeBWorK an obstacle in completing your assignment?
Please rate the extend to which you agree or disagree with the following statements.
WeBWorK problems are related to problems on tests and/or class examples. (Please rate the extent to which you agree or disagree with the following statements.)
WeBWorK problems are related to problems on tests and/or class examples. (Please rate the extend to which you agree or disagree with the following statements.)
The immediate responses I get from WeBWorK help me learn the course material. (Please rate the extent to which you agree or disagree with the following statements.)
I often get frustrated with WeBWorK problems due to their mathematical difficulty. (Please rate the extent to which you agree or disagree with the following statements.)
I often get frustrated with WeBWorK problems due to their mathematical difficulty. (Please rate the extend to which you agree or disagree with the following statements.)
I often get frustrated by the particular syntax required to submit answers to WeBWorK. (Please rate the extend to which you agree or disagree with the following statements.)
If you were to take a similar course again, which homework option would you prefer? Assume each suggested option is worth the same percentage of your final course grade.
Which of the following topics do you think are particularly difficult to learn/understand?
I really like WeBWorK overall (it's by far the best online quiz system I've used at UBC) but I think it would help to have questions that more closely resemble exam questions (ie. multi-part worded questions) in addition to the more direct
<table>
<thead>
<tr>
<th>Question</th>
<th>Response</th>
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<tbody>
<tr>
<td>I think webwork is a great way to learn. I get the chance to see where I go wrong rather than feel stupid having to submit hw which I have no idea if its correct or not. Math221, is my fave class this term. Prof. Hurugeun is a great prof. He is patient and very willing to help. He doesn't intimidate you like the other profs due.</td>
<td></td>
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<tr>
<td>I feel that webwork is a good tool, and closely follows the textbook assigned. However, it is not helpful to have the lecture material completely mirror what is in the textbook, as it seems unhelpful going to lecture when the notes are identical to ones I already have from the textbook. Different examples would be more helpful.</td>
<td></td>
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<td>I feel that webwork is more of a nuisance. I don't take away a lot from it than I do from lectures, doing written homework, etc.</td>
<td></td>
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<tr>
<td>I like the webwork for this course. Much better than the webwork for Calculus. This one only needs to put in numbers, not sin() etc...</td>
<td></td>
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<tr>
<td>Good practice. Optional questions to help with midterms/final would be very useful. Please include written assignments, so I can understand which format is expected for exams.</td>
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<tr>
<td>I'm pretty satisfied with WeBWorK right now. This course is very interesting. Through webwork I seem to learn a lot, but getting the answer right at first place is time consuming even though I might know the concept.</td>
<td></td>
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<td>I would like to suggest the professor to slow down his speed of lecture a little bit and face the class when he is talking. My friends and I think that during most of the classes, we were just rushing to finish copying down all his notes but never listened to what he was saying.</td>
<td></td>
</tr>
<tr>
<td>all good</td>
<td></td>
</tr>
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No comment

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<thead>
<tr>
<th>Even if I understand the material on the midterm I find I don't always know how much a I have to write to get full marks</th>
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<tr>
<td>Our instructor does not make learning 221 as optimal as it could be. I personally love the topic but find it frustrating that other teachers, webwork , and past exams are all different than what he cuts and pastes together. We hardly no what is going to be on the test until the week of the test. I think while we have a curve to grade tests, it is unfair because I would like to leal the material properly and he just doesn't provide that kind of environment. Sorry.</td>
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<td>This is actually my first course with WeBWorK and it's been surprisingly helpful for me to learn with. The first few assignments I did just to get the marks for completion, but once I started using WeBWorK as an actual resource for learning, there was obvious improvement in my understand of the material.</td>
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<td>It would be helpful if WeBWorK could notify the user when an entered answer is close to the correct answer.</td>
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<td>The immediate feedback really helps out. Submitting a written assignment and getting them back 2 days before the exam but only realizing that u made mistakes could be really stressful!</td>
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<tr>
<td>I think webwork is a fantastic way to do homework. With hand in assignments, often times, if one obtains a solution they simply hand it in not knowing if its right or not. When it is handed back a lot of the time students don't review it to see their errors. Webwork forces you to understand your error in order to submit your homework successfully.</td>
</tr>
<tr>
<td>None at this time</td>
</tr>
<tr>
<td>None at this time</td>
</tr>
<tr>
<td>nothing</td>
</tr>
<tr>
<td>I feel like there is a lot to cover and little time, so the prof has no time to do more examples.</td>
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<td>The pacing of the WeBWorK assignments do not align with the course very well. In many instances, the online work are on materials that are just being taught the lecture previous, forcing me and my peers to rush through the assignment on material that still has yet to be processed through our minds.</td>
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<tr>
<td>Nothing</td>
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<td>Inputting matrices can be cumbersome at times, however I can't really think of a better system for doing so than the one used.</td>
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<tr>
<td>I feel that WebWork is a great tool for understanding and practicing problems for this course, but it does not fully prepare students for midterms. There should be a written assignment as well, so that we have practice answering questions with the correct proof and syntax as well.</td>
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<tr>
<td>n/a</td>
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<tr>
<td>Make sure all the proofs are up to date with the material being asked on webworks. Often my proof has to ask Webworks to extend the due date</td>
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because he hasn't gotten to that material. My proof also said he doesn't make up the Webwork problems, I think that Webwork should run their questions by the proof for each homework assignment.

n/a

Questions that involve pick all the true/false statements on WebWork can be annoying as missing just one statement will give you no feedback other than that your set of answers is wrong.

I would like the lecture materials to be more revolved around examples on how to solve the various problems we are shown on exams. Talking about the theorems only makes the course harder for me to grasp.

Please take time to explain how to solve things rather than proofs.

Please take time to explain how to solve things rather than proofs.

Webwork questions are not the same style as test/class questions

A helpful tool for studying.

N/A

I wish multi-answer choice questions to have partial credits giving. I can not deduce any thing with just being told my answer combination is wrong. I doesn't help any little on my learning process. I STRONGLY ask to have partial marks available for multi-answer choice questions. It will really help me learn.