Student Rating of Teaching Effectiveness
Instructor Report

Enrollment numbers are acquired before the end of the semester and may differ from the final figure.

Reporting Date: 3/3/2016 3:14 PM
Semester: 2013/14 FA
Instructor ID: JCU5018
Instructor: JOHN URSCHEL

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Title</th>
<th>Students</th>
<th>Responses</th>
<th>Response Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>201314FAUP__RMATH_232_001</td>
<td>MATH232, Section 001: VECTOR CALCULUS</td>
<td>43</td>
<td>14</td>
<td>32.6%</td>
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</tbody>
</table>

University Items

A1  Are you taking this course as an elective?  
   Yes: 0  No: 10  I don’t know: 1  N: 10  Percent Yes: 0.0%

A2  What grade do you expect to earn in this course?  
   A: 4 / 36.4%  B: 6 / 54.5%  C or lower: 1 / 9.1%

<table>
<thead>
<tr>
<th>Lowest Rating</th>
<th>Average Rating</th>
<th>Highest Rating</th>
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Department Items

B003  Rate the clarity of the instructor's explanations.  

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<td>2</td>
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<tr>
<td>0/ 0%</td>
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<td>1/ 7%</td>
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B031  Rate the instructor's skill in maintaining a positive atmosphere for learning.

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<tr>
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<tr>
<td>0/ 0%</td>
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B065  Rate the correspondence between announced objectives and what was taught.

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<tbody>
<tr>
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B157  Rate the effectiveness of the course in improving problem-solving skills.

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<tbody>
<tr>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>0/ 0%</td>
<td>1/ 7%</td>
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University Open Ended Items

Open 1  What helped you learn in this course?

The instructor helped me learn. He’s an excellent instructor and he had office hours that I couldn’t make because I had a class during the same time, and quite a few times he made time to meet with me outside of his office hours. It was literally like getting private tutoring for free, and I really appreciate that!

Homework, John’s willingness to work with students
The examples
Homework and class tutorials
The instructor kept class interesting and engaged the class which made taking an 8am more enjoyable.

Ursch

Everything in the class is good. The teacher is funny and making the class easy to understand.

John was a great guy. He is ridiculously smart and is extremely knowledgeable in mathematics. I really liked how he related some of the math topics like Navier-Stokes eqn and divergence to fluid dynamics. As a engineer, I’m always look as to how the math topic relates to my studies. Even at 8am, I always looked forward to class and made it to everyone. John was very professional and yet friendly.

The instructor was very enthusiastic about his teaching and the subject matter. Every day, he taught off of the blackboard, allowing him to work the problem with the students, rather than just merely showing us on a powerpoint.

Open 2  What changes would improve your learning?

Less theorems

I guess powerpoints or available online could help improve learning but I don’t think they’re necessary, the textbook and my notes were usually enough, and when they weren’t the instructor helped me.
More examples
Nothing
Maybe more examples?
No, I think this class is perfect.
The homeworks often didn’t seem very planned out. I would recommend assigning at least some homework problems that have the answers in the back of the book, so students can get immediate feedback on their work. Otherwise, students often end up doing something wrong and not knowing it until the homework is handed back a week later.

I really liked how John related the math topics to engineering topics so if he could perhaps do that more often that would great help out my learning. I am a visual learner and showing how divergence is showing compressibility really helps me understand the math. I know most math lecturers/professors do not agree but I like to have the answer to the problem while I doing my hw. I don’t learn anything when I’m blindly working towards a answer.

Nothing

Limiting amount of homework problems per se; can focus on principles rather than specific conditions

Unrestricted Items

What feedback would you like to share about the course? (For example, you may wish to address the helpfulness of the textbook, usefulness of online materials, difficulty of the material, fairness of the exams, or amount of work required.)

Perhaps less homework with more carefully selected problems. I felt like sometimes problems were picked in bulk without seeing whether they would be helpful or not.

The homeworks helped me to better grasp the content of the class.

The textbook was decent, although it could be a little better. The material in the book was easy enough to understand, although the examples in the book often lack thorough explanations as to how they are being solved. The exams were very fair; any and all material on the midterm exam was explicitly covered in the course. The homeworks were a little tough to get through, mainly because there is no way for the student to know if he/she is doing something right/wrong until the homeworks are handed back. The instructor exclusively assigned odd problems, which do not have answers in the back of the textbook. I would include at least some even problems (which have the answers to those problems) so that the students get immediate feedback if they fundamentally misunderstand the material. Otherwise the entire homework often ends up being done incorrectly, and the student learns an incorrect method.

I really like the textbook. The material is fairly hard. The exams were more than fair. The homework amount was perfect after John lowered the amount slightly.

The textbook sometimes seemed incomplete, like there wasn’t enough there for me to fully understand what was being done, but the material isn’t all that difficult and the instructor was very helpful and enthusiastic. That made up for the textbook’s shortcomings.

This class is one of the best classes I take in this semester.

I found the book helpful. It was great.

What feedback would you like to share about the instructor? (For example, you may wish to address the clarity of explanations, effectiveness of communication, ability to stimulate critical thinking, class preparation, availability for help, ability to maintain interest, or motivation.)

Very enthusiastic, handled the class very well.

Urschel gave good examples and plenty of homework to practice the concepts. That being said, the fact that he taught a bunch of 20y/o college kids calculus at 8am is a miracle and he did a good job. He’s a great guy.

The instructor is a very nice professor, he answered all the questions that students asked.

Ursch is the man

Again, keep trying to relate the math to real world problems and uses. You couldn’t have been a better communicator. You were always prepared. I’m not a fan of doing the even problems of the hw. Homework isn’t supposed to be a mini exam, it’s supposed to teach us the material so by having the answers we can keep trying and learning from our mistakes on a weekly bases. I can almost guarantee you’ll see better tests scores if the students can practice each week by learning from their mistakes.

“Celebrity” notoriety did not interfere with class learning. When cameras present, did not influence teaching behaviour and focused on the subject matter not personnel.

The connections made in classes between the material was really helpful and the style that the material was taught was also helpful.

John Urschel is an excellent instructor. He gave clear explanations and was available to help me on several occasions, outside of his office hours. Exams and quizzes were fair.

The instructor was very enthusiastic about the course, and also fully knowledgeable as to what was going on. If a student asked him a question, he would take the time to fully answer the question, including making sure the student understood the answer. Several times, because of interest from the students, he showed mathematics that fall outside of the scope of the course.

The instructor was clear and engaging