University of Louisiana at Lafayette

Student Evaluation of Instruction Results - FALL 2015

(MCHE) - Mechanical Engineering

Dear Joshua E Vaughan:

This form contains evaluation results for MCHE201-001 (FA15-287339).

The first section of the report contains student reported demographic information. The second part of the report shows the student responses to the quantitative questions. For each question, the number of students (n) who responded, the average or mean (av.), the median (md), and standard deviation (dev.) are displayed. The third part provides a profile of the student responses to the qualitative section of the evaluation. The report concludes with a compiled list of all student open-ended comments regarding the course.

Please note Adobe Acrobat Reader must be installed on your computer in order to view the files.

If you have any questions, please contact Institutional Research at courseevaluation@louisiana.edu or 482-6863.

Ellen D. Cook, Assistant VP for Academic Affairs, Academic Resources
and the Office of Institutional Research

Joshua E Vaughan

MCHE201-001
No. of responses = 15

Overall indicators

Global Index

av.=3.6
dev.=1

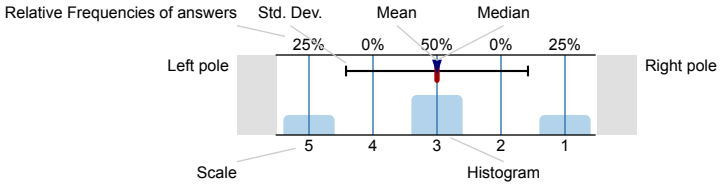
av.=3.6
dev.=1

Before completing this survey please verify the course and instructor information listed above. Once you submit an evaluation, you cannot remove or edit your comments.

Survey Results

Legend

Question text

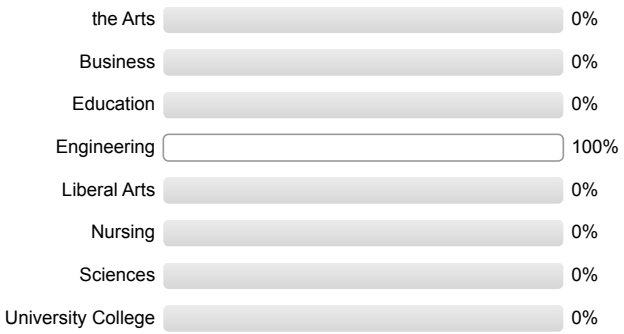


n=No. of responses
av.=Mean
md=Median
dev.=Std. Dev.
ab.=Abstention

Before completing this survey please verify the course and instructor information listed above. Once you submit an evaluation, you cannot remove or edit your comments.

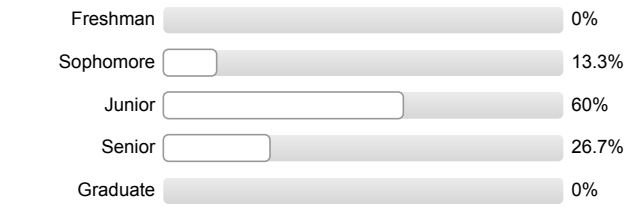
What is the college of your major?

n=15



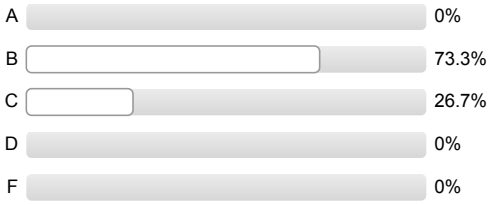
What is your classification?

n=15



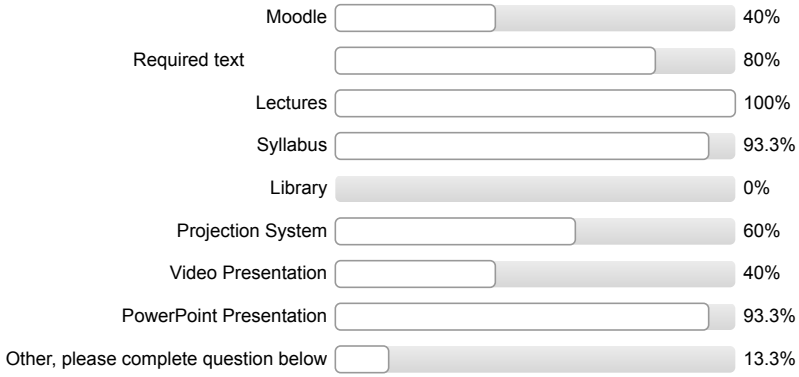
What grade do you expect in this course?

n=15



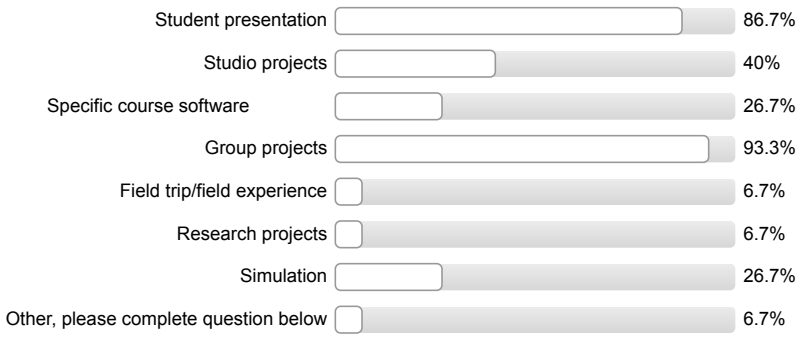
What instructional resources were used in this course? **Check all that apply.**

n=15



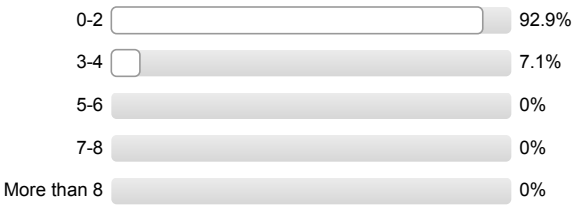
What activities and resources were required of students? **Check all that apply.**

n=15



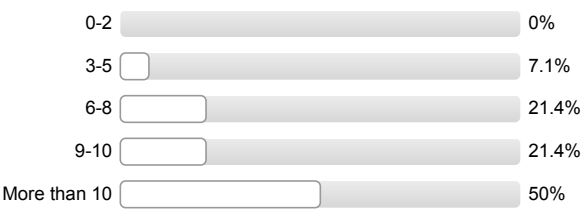
How many classes did you miss?

n=14



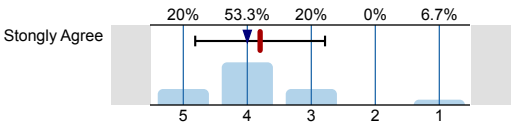
How many hours per week did you spend outside of class preparing for this course?

n=14



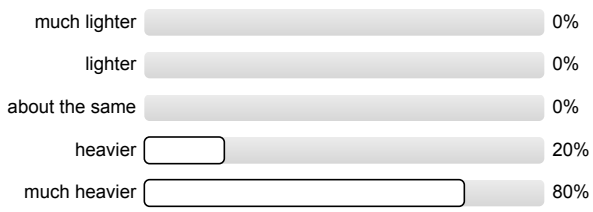
The instructor made appropriate use of illustrations, demonstrations, examples, and/or required materials.	Stongly Agree	13.3%	53.3%	6.7%	20%	6.7%	Stongly Disagree	n=15 av.=3.5 md=4 dev.=1.2
I turned in all required materials on time.	Stongly Agree	73.3%	20%	0%	6.7%	0%	Stongly Disagree	n=15 av.=4.6 md=5 dev.=0.8
The instructor provided feedback on my performance within a reasonable time.	Stongly Agree	6.7%	20%	0%	53.3%	20%	Stongly Disagree	n=15 av.=2.4 md=2 dev.=1.2
The instructor explained subject matter in a way that I could understand.	Stongly Agree	6.7%	46.7%	13.3%	26.7%	6.7%	Stongly Disagree	n=15 av.=3.2 md=4 dev.=1.1
The instructor created an atmosphere where ideas can be exchanged freely and easily.	Stongly Agree	6.7%	53.3%	20%	20%	0%	Stongly Disagree	n=15 av.=3.5 md=4 dev.=0.9
I learned a lot in this course.	Stongly Agree	14.3%	35.7%	28.6%	14.3%	7.1%	Stongly Disagree	n=14 av.=3.4 md=3.5 dev.=1.2
The instructor spoke audibly and clearly.	Stongly Agree	66.7%	33.3%	0%	0%	0%	Stongly Disagree	n=15 av.=4.7 md=5 dev.=0.5
This course challenged me to think.	Stongly Agree	53.3%	40%	6.7%	0%	0%	Stongly Disagree	n=15 av.=4.5 md=5 dev.=0.6
The instructor was available for scheduled appointments outside of class.	Stongly Agree	28.6%	50%	21.4%	0%	0%	Stongly Disagree	n=14 av.=4.1 md=4 dev.=0.7 ab.=1
Expectations on assignments, projects, and/or exams were clearly communicated.	Stongly Agree	13.3%	13.3%	13.3%	33.3%	26.7%	Stongly Disagree	n=15 av.=2.5 md=2 dev.=1.4
The instructor was respectful to students.	Stongly Agree	26.7%	46.7%	6.7%	13.3%	6.7%	Stongly Disagree	n=15 av.=3.7 md=4 dev.=1.2
The physical environment (facility) was conducive to learning.	Stongly Agree	28.6%	57.1%	7.1%	7.1%	0%	Stongly Disagree	n=14 av.=4.1 md=4 dev.=0.8

The course resources were useful and appropriate for learning.



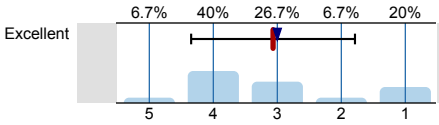
n=15
av.=3.8
md=4
dev.=1

The workload for this course in relation to other courses of equal credit was:



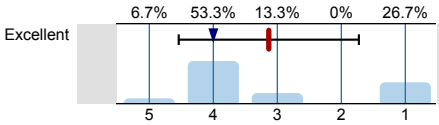
n=15

Overall, I would rate this course as:



n=15
av.=3.1
md=3
dev.=1.3

Overall, I would rate the effectiveness of this instructor as:



n=15
av.=3.1
md=4
dev.=1.4

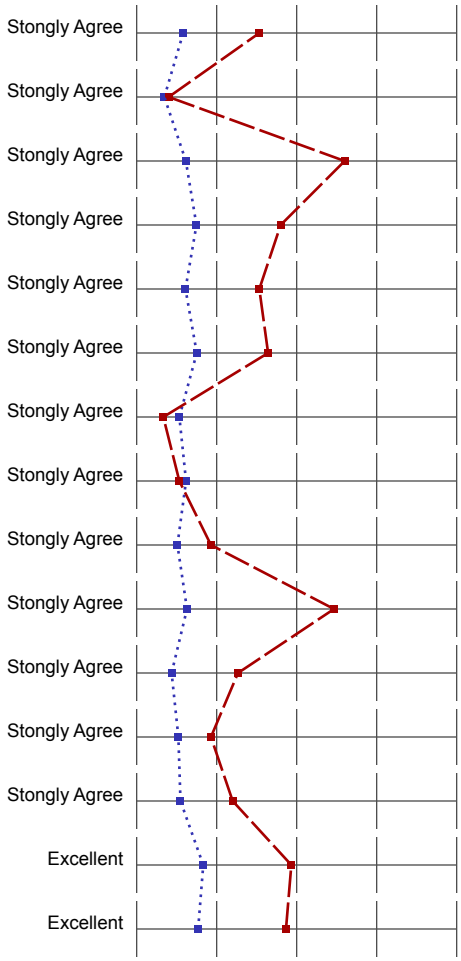
Profile

Subunit: (MCHE) - Mechanical Engineering
Name of the instructor: Joshua E Vaughan
Name of the course: (Name of the survey) MCHE201-001 (FA15-287339)

Comparative line: Fall 2015 Univ Avg Traditional Courses

Values used in the profile line: Mean

Before completing this survey please verify the course and instructor information listed above. Once you submit an evaluation, you cannot remove or edit your comments.



The instructor made appropriate use of illustrations, demonstrations, examples, and/or required materials.	Stongly Agree	Stongly Disagree	n=15 av.=3.5 md=4.0 dev.=1.2 n=28629 av.=4.4 md=5.0 dev.=0.9
I turned in all required materials on time.	Stongly Agree	Stongly Disagree	n=15 av.=4.6 md=5.0 dev.=0.8 n=28305 av.=4.7 md=5.0 dev.=0.7
The instructor provided feedback on my performance within a reasonable time.	Stongly Agree	Stongly Disagree	n=15 av.=2.4 md=2.0 dev.=1.2 n=28442 av.=4.4 md=5.0 dev.=1.0
The instructor explained subject matter in a way that I could understand.	Stongly Agree	Stongly Disagree	n=15 av.=3.2 md=4.0 dev.=1.1 n=28661 av.=4.3 md=5.0 dev.=1.1
The instructor created an atmosphere where ideas can be exchanged freely and easily.	Stongly Agree	Stongly Disagree	n=15 av.=3.5 md=4.0 dev.=0.9 n=28636 av.=4.4 md=5.0 dev.=1.0
I learned a lot in this course.	Stongly Agree	Stongly Disagree	n=14 av.=3.4 md=3.5 dev.=1.2 n=28721 av.=4.2 md=5.0 dev.=1.1
The instructor spoke audibly and clearly.	Stongly Agree	Stongly Disagree	n=15 av.=4.7 md=5.0 dev.=0.5 n=28710 av.=4.5 md=5.0 dev.=0.9
This course challenged me to think.	Stongly Agree	Stongly Disagree	n=15 av.=4.5 md=5.0 dev.=0.6 n=28624 av.=4.4 md=5.0 dev.=0.9
The instructor was available for scheduled appointments outside of class.	Stongly Agree	Stongly Disagree	n=14 av.=4.1 md=4.0 dev.=0.7 n=26283 av.=4.5 md=5.0 dev.=0.8
Expectations on assignments, projects, and/or exams were clearly communicated.	Stongly Agree	Stongly Disagree	n=15 av.=2.5 md=2.0 dev.=1.4 n=28602 av.=4.4 md=5.0 dev.=1.0
The instructor was respectful to students.	Stongly Agree	Stongly Disagree	n=15 av.=3.7 md=4.0 dev.=1.2 n=28722 av.=4.6 md=5.0 dev.=0.8
The physical environment (facility) was conducive to learning.	Stongly Agree	Stongly Disagree	n=14 av.=4.1 md=4.0 dev.=0.8 n=28637 av.=4.5 md=5.0 dev.=0.8
The course resources were useful and appropriate for learning.	Stongly Agree	Stongly Disagree	n=15 av.=3.8 md=4.0 dev.=1.0 n=28454 av.=4.5 md=5.0 dev.=0.9
Overall, I would rate this course as:	Excellent	Poor	n=15 av.=3.1 md=3.0 dev.=1.3 n=28765 av.=4.2 md=5.0 dev.=1.1
Overall, I would rate the effectiveness of this instructor as:	Excellent	Poor	n=15 av.=3.1 md=4.0 dev.=1.4 n=28749 av.=4.2 md=5.0 dev.=1.2

Comments Report

Before completing this survey please verify the course and instructor information listed above. Once you submit an evaluation, you cannot remove or edit your comments.

If you marked "Other" in the question above, please list the instructional resources used in this course below.

- Course website
- Specific website

If you marked "Other" in the question above, please list the activities and resources required of students in the space below.

- Reports

Please provide any comments about the course or instructor in the space below, including ways to improve instruction.

- I appreciate the concept of this class, and the fact that it's less of a taught subject and much more learning by doing. However, as a student taking 13 hours and working part-time I have to say that the workload was by far heavier than any course I've taken at this university. The number of reports (on rather short notice as well) could easily get overwhelming, and it doesn't help that the report format is very different than reports expected by other professors. 2 or even 3 credit hours is by far not enough for the work expected of the students in this class.
  Also, many of the chairs in 324 Rougeau are broken.
- I spent more time preparing for this course than all of my other courses combined. Having said that, I find it absolutely and totally ludicrous that I am only going to receive 2 credit hours and a B, at best, for all of the effort I had to put in.
- More explanation can be given on the reiteration process for the design and planning tools. Possibly give a couple more hints and tips for success before cutting the groups loose to do the mini projects and final project.
- Refused to answer questions during or after class, instead saying to check his personal website which was difficult to navigate. during the coding lesson, when asked for assistance, he would refer to the instructions and not offer any genuine help troubleshooting. Also during many lectures, if no one had any questions after a slide he would habitually disrespectfully roll his eyes at the class.
- The amount of time I had to put into this 2 hour course was much more than any 4 hour course I've had to take.

  The instructor failed to grade any assignment within a timely manner and had a horrible grading scale to where I am uncertain of my actual grade in the course even with roughly 2 weeks of school left in the semester.

  Components handed out by the instructor for use in the final project was unreliable and faulty and caused the overall failure of the project due to breaking and while it was wired to the specifications given, we were blamed by the teacher for improper use without him even looking at our set up.

  Instructor cannot handle being wrong and assumes he should be automatically given full respect without earning it while thinking the opposite of the students.
- The amount of work required for a 2 credit hour introduction level engineering course was absurd. Basically all material learned in the class was self taught and if something wasn't clearly stated or understood it was quite easy to crash and burn in the class.
- The robot project was wayyyy too much for wayyyy too short of time. This is a two credit class and it was much too difficult to devote all our time to the projects required. Dr. Vaughn should have taught us more about robots and some suggestions of how to utilize motors, servos, ect. before throwing us into this with no help or experience. We essentially had to learn it all on our own in a matter of a few weeks. Over all it was way too much for the time allotted for building a robot and way too time consuming for a 2 credit class. I spent more time doing work for this class than any other in my life. It also didn't help that one of my partners did not contribute at all for the robot and I was stuck doing everything while he got credit. That's not fair and there should be some consequences implemented for that kind of slacking behavior.
- The slides had little to no correlation to the class towards the end of the semester. Certain lessons needed more emphasis than others, and it is hard to learn a material when questions cannot be asked about it. The class itself was decent in the projects that were given, but the communication of what was required was not efficient. Understandably, the material taught cannot be filtered more, however, a suggestion would be to focus less on power points that can be read on the website and answer more questions. The breakdown of weighted grades were slightly confusing, to the point where some students have considered to stop working on projects in the class to focus on other classes. Hopefully this helps improve the class for the next set of students.
- This class is way too much work for the amount of hours. The instructor feels that that his class is the only and most important, despite the fact that it is an introductory course. One major help with the class would be to spend more than two classes on programming whenever the final project requires in depth understanding of the programming.
- This class was more work than any of my other classes, and it was only a 2 credit hour class. Student expectations were very high, and

the coding for the final project was only taught in a very basic overview. Also computer drawn sketches were required for all projects, although no computer design classes were pre- requirements for the class.

- This course required far more work than any class I've taken this semester. This course should be worth 4 credits.