



University of Louisiana at
Lafayette

Student Evaluation of Instruction Results - SPRING 2016

(MCHE) - Mechanical Engineering

Dear Joshua E Vaughan:

This form contains evaluation results for MCHE201-001 (SP16-292792).

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 = 20

Overall indicators

Global Index

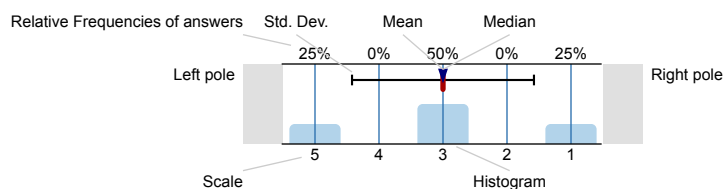
Before completing this survey please verify the course and instructor information listed above. Once you submit an evaluation, you cannot remove or edit your comments.

av.=4.1
dev.=0.7av.=4.1
dev.=0.7

Survey Results

Legend

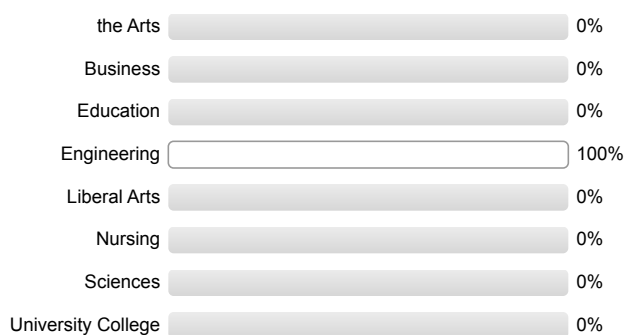
Question text



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

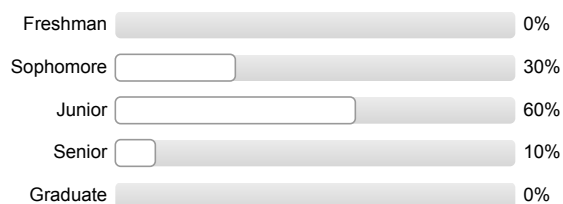
Before completing this survey please verify the course and instructor information listed above. Once you submit an evaluation, you cannot remove or edit your comments.

What is the college of your major?



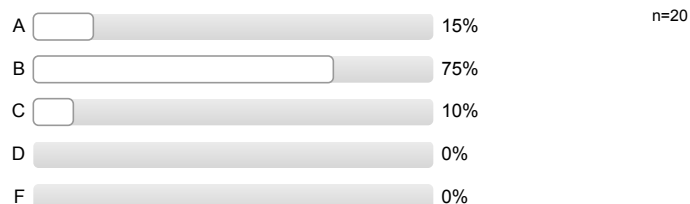
n=20

What is your classification?

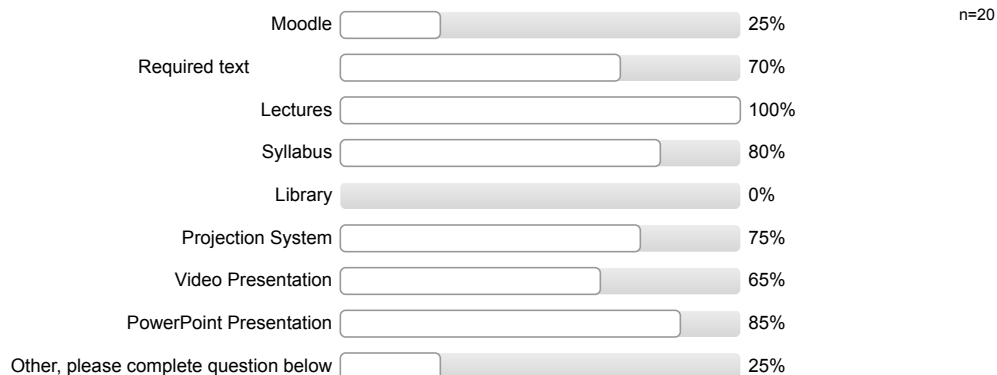


n=20

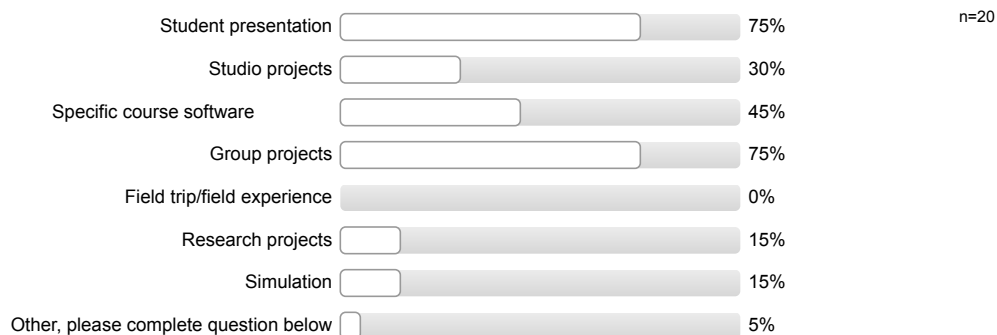
What grade do you expect in this course?



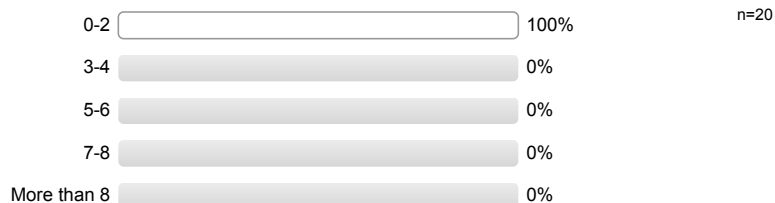
What instructional resources were used in this course? **Check all that apply.**



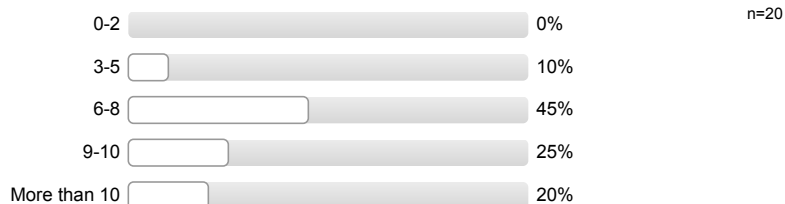
What activities and resources were required of students? **Check all that apply.**



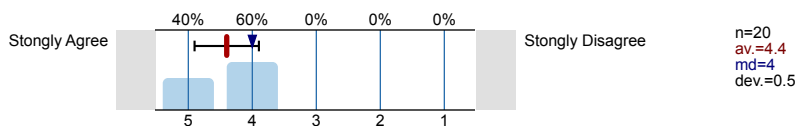
How many classes did you miss?



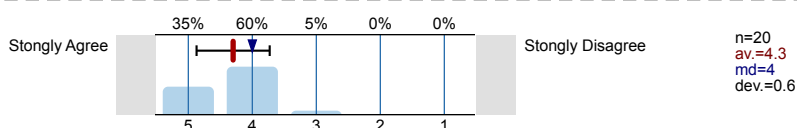
How many hours per week did you spend outside of class preparing for this course?



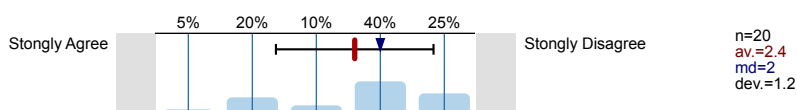
The instructor made appropriate use of illustrations, demonstrations, examples, and/or required materials.



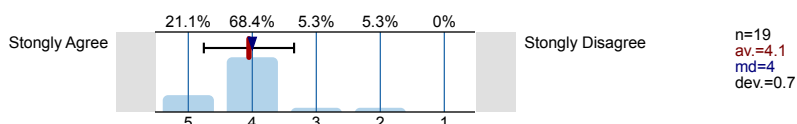
I turned in all required materials on time.



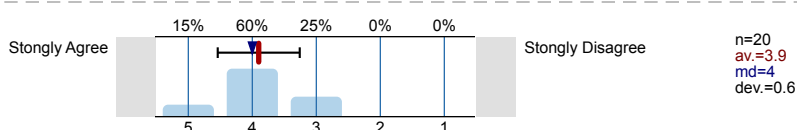
The instructor provided feedback on my performance within a reasonable time.



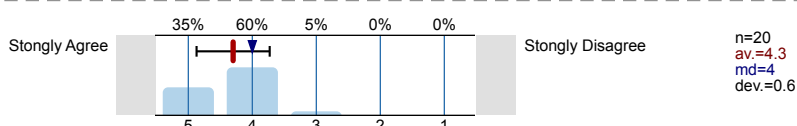
The instructor explained subject matter in a way that I could understand.



The instructor created an atmosphere where ideas can be exchanged freely and easily.



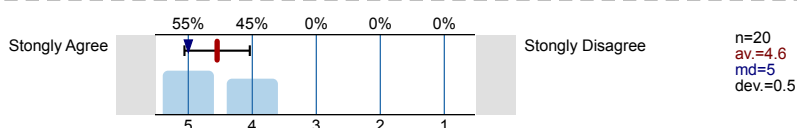
I learned a lot in this course.



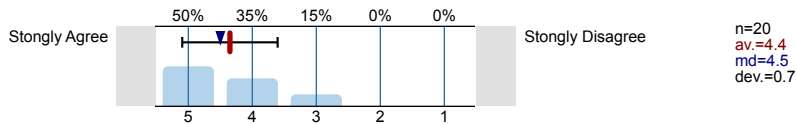
The instructor spoke audibly and clearly.



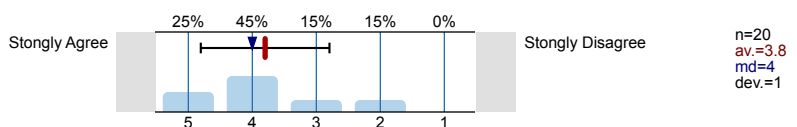
This course challenged me to think.



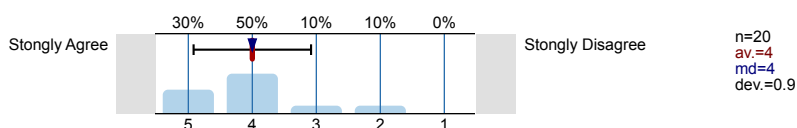
The instructor was available for scheduled appointments outside of class.



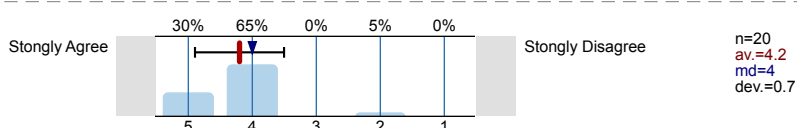
Expectations on assignments, projects, and/or exams were clearly communicated.



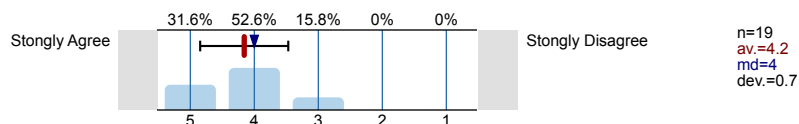
The instructor was respectful to students.



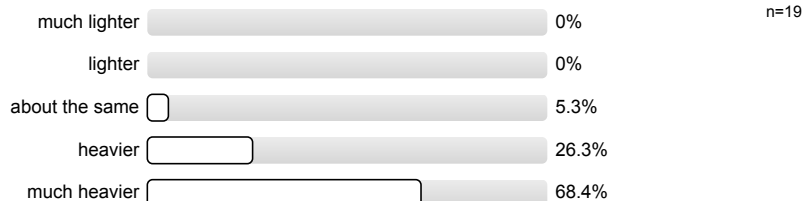
The physical environment (facility) was conducive to learning.



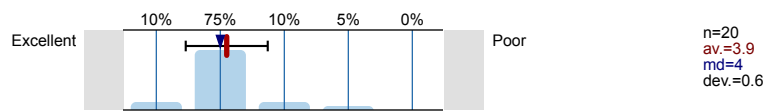
The course resources were useful and appropriate for learning.



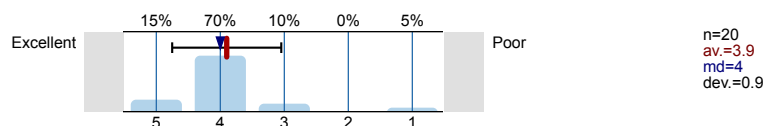
The workload for this course in relation to other courses of equal credit was:



Overall, I would rate this course as:



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



Profile

Subunit: (MCHE) - Mechanical Engineering

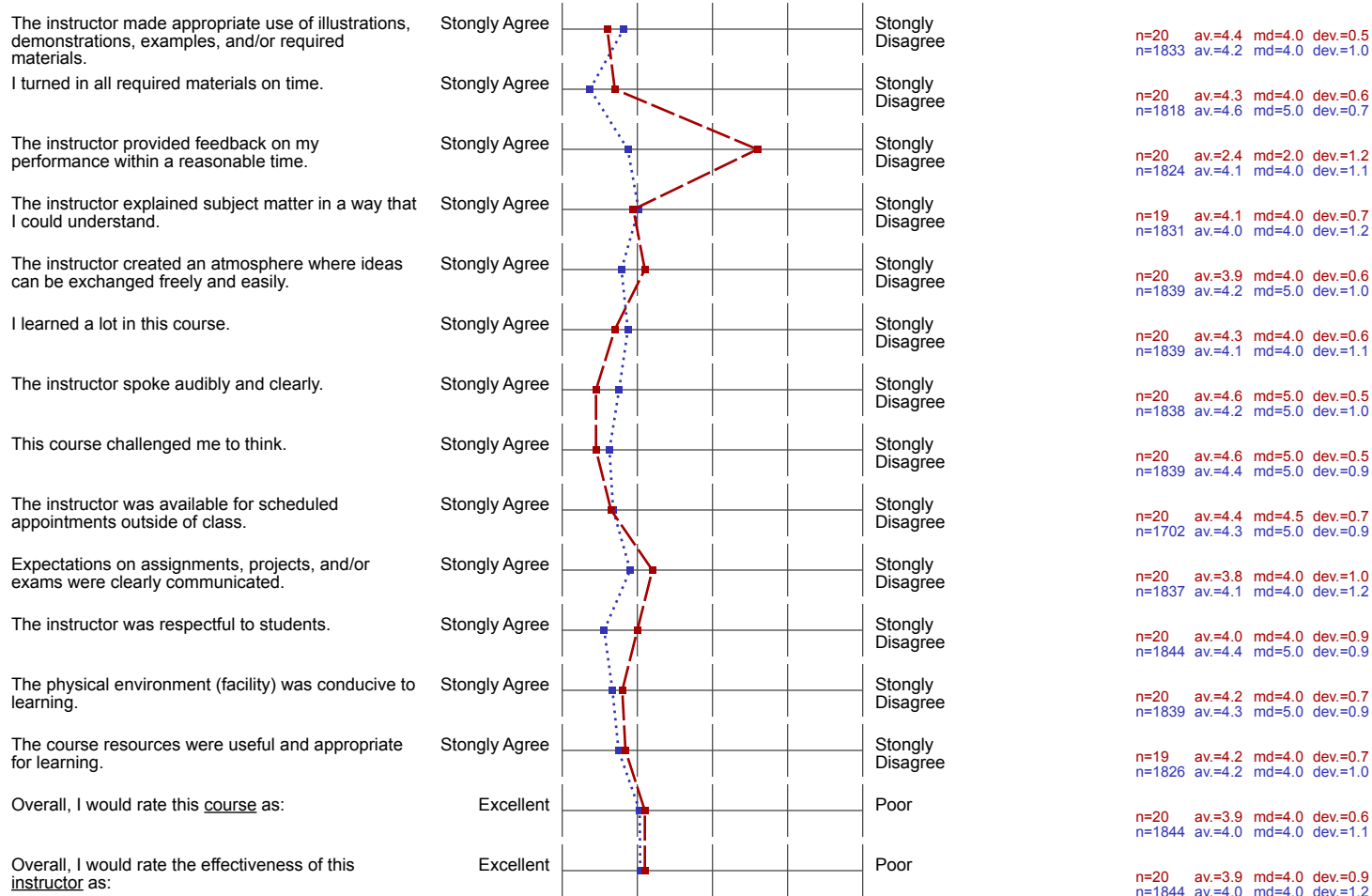
Name of the instructor: Joshua E Vaughan

Name of the course: MCHE201-001 (SP16-292792)
(Name of the survey)

Comparative line: College of Engineering - Spring 2016

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.



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.

- Additional Website www.crawlab.org
- All notes and assignments hosted at person website.
- Course Website
- Dr. Vaughan uses his own website, www.C.R.A.W.lab.org, for all of his class announcements, grades and handouts for the projects. He also uses a premium app, TopHat, to gives surveys to the class. The app was a cost of \$25 to every student.
- Robotics Competition

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

- Student had to purchase a \$100 SparkFun Robotics Kit to be used in the Final Project. There was also a required activity, 'The Final Contest', following the last class period of the semester. It was a 3+ hour event.

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

- Dr. Vaughan, while tough and abrasive, is extremely fair. His class demands a very large amount of time outside of class spent on projects or preparing for class but, he will not ask anything of his students that he is not willing to do. He works as hard or harder than any one student on this class alone, aside from his research and other classes. To improve his system, I think that he should build a profile of every student based on peer evaluations for every 'MINI Project'/Homework to avoid from free riders in the 'Final Project'. Every student wants to be proud of the work they ultimately turn in yet, this is next to impossible when their is not a collective effort on the 'Final Project'. Lastly, I disagree with the amount of money Dr. Vaughan requires each student to spend.
- Great professor, very particular, sometimes excessively particular about minor details. But I do understand what the lesson is and can appreciate him trying to impart more than just engineering info to us. I'm also not sure that I like that all our grades come from group projects.
- I enjoyed the sphagetti tower, toothbrush dissection, and final robot. Next semester give feedback on assignments much sooner. Also make the class do more projects throughout the semester and have less lectures. Your class was the first hands on class I've had (other than MCHE 101). Try and make it more of a hands on class.

Overall it was a fun class

- My one complaint is Dr. Vaughan expects students to be capable of producing detailed drawings with no prior experience or training.
- This course was more difficult than it should have been. Random teammates is a tough thing to deal with when there is now recourse for members that do not participate.
- This is not the only class that we take. The amount of time I put into this class is almost equal to the amount of time I put into all of my other classes combined. Thanks for all the stress and lack of sleep, it does wonders for one's health.