University of Louisiana at Lafayette
Office of Institutional Research

Student Evaluation of Instruction Results - Spring 2014

(MCHE) - Mechanical Engineering

Dear Joshua E Vaughan:

This form contains evaluation results for MCHE485-001 (SP14-271337).

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.

Office of Institutional Research

Joshua E Vaughan

MCHE485-001
No. of responses = 10

Overall indicators

Global Index

av.=4.3
dev.=0.8

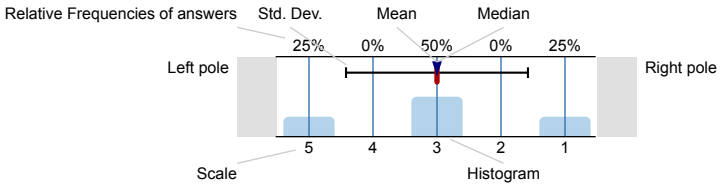
av.=4.3
dev.=0.8

Please complete the following survey about the course:
[COURSE] [AUTHOR]

Survey Results

Legend

Question text

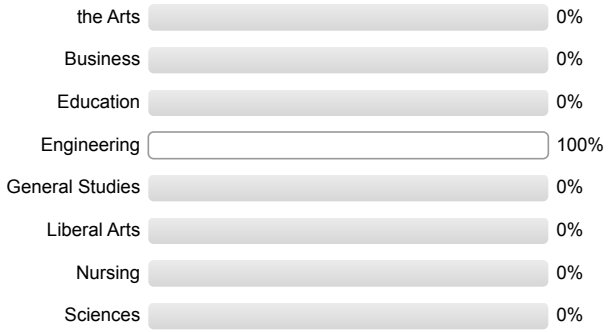


n=No. of responses
av.=Mean
md=Median
dev.=Std. Dev.
ab.=Abstention

Please complete the following survey about the course: [COURSE] [AUTHOR]

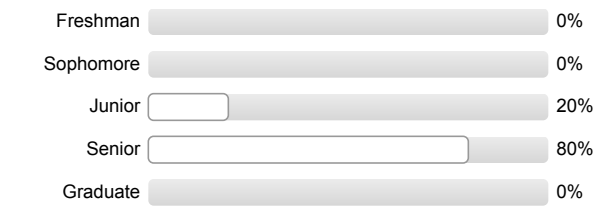
What is the college of your major?

n=10



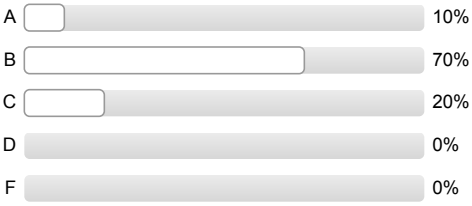
What is your classification?

n=10



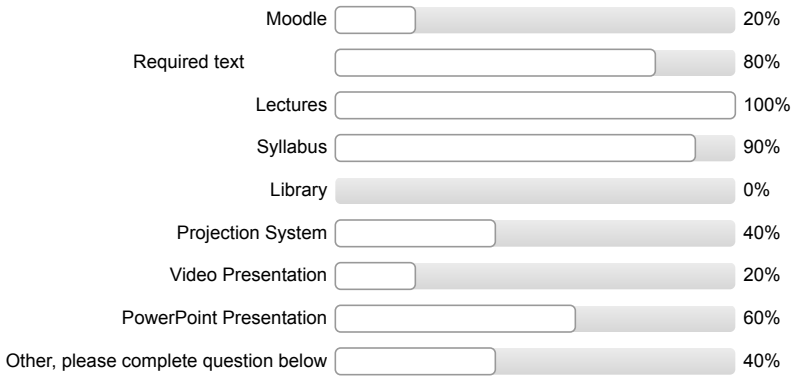
What grade do you expect in this course?

n=10



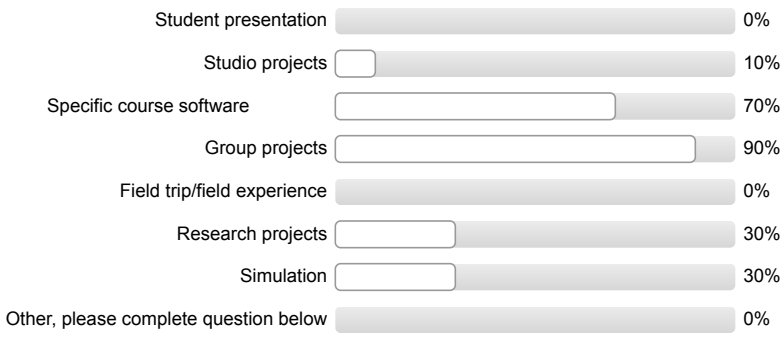
What instructional resources were used in this course? **Check all that apply.**

n=10



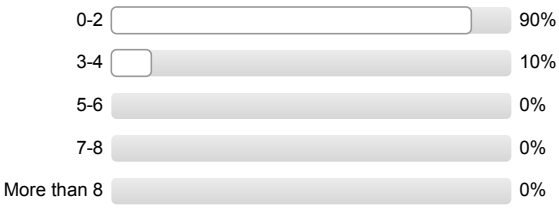
What activities and resources were required of students? **Check all that apply.**

n=10



How many classes did you miss?

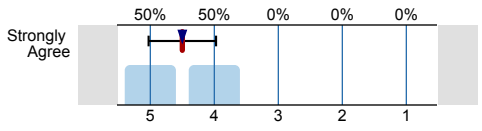
n=10



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

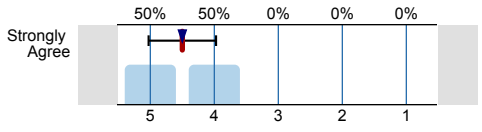
n=10

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



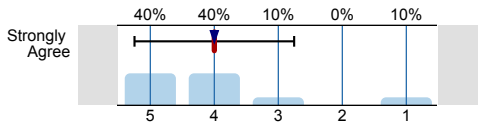
n=10
av.=4.5
md=4.5
dev.=0.5

I turned in all required materials on time.



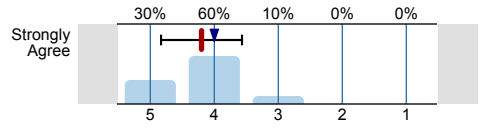
n=10
av.=4.5
md=4.5
dev.=0.5

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



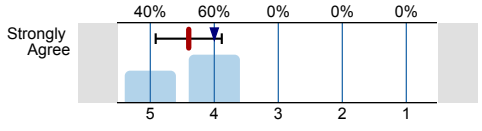
n=10
av.=4
md=4
dev.=1.2

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



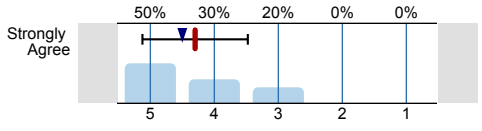
n=10
av.=4.2
md=4
dev.=0.6

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



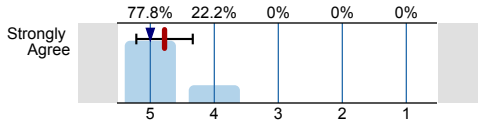
n=10
av.=4.4
md=4
dev.=0.5

I learned a lot in this course.



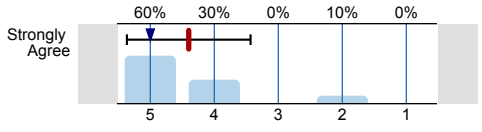
n=10
av.=4.3
md=4.5
dev.=0.8

The instructor spoke audibly and clearly.



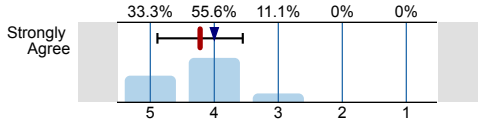
n=9
av.=4.8
md=5
dev.=0.4

This course challenged me to think.



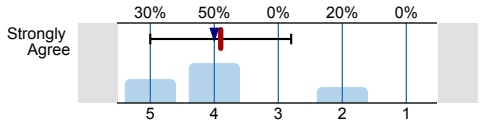
n=10
av.=4.4
md=5
dev.=1

The instructor was available for scheduled appointments outside of class.



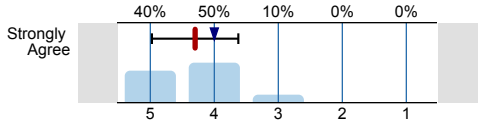
n=9
av.=4.2
md=4
dev.=0.7
ab.=1

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



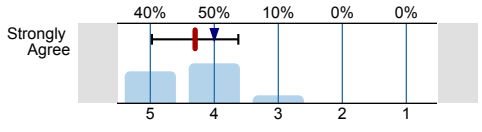
n=10
av.=3.9
md=4
dev.=1.1

The instructor was respectful to students.



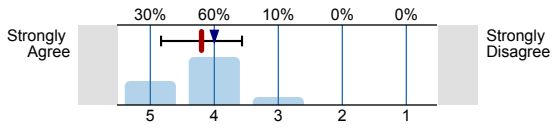
n=10
av.=4.3
md=4
dev.=0.7

The physical environment (facility) was conducive to learning.



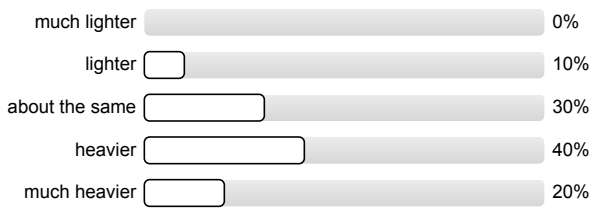
n=10
av.=4.3
md=4
dev.=0.7

The course resources were useful and appropriate for learning.



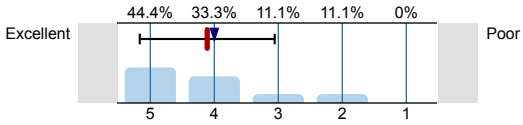
n=10
av.=4.2
md=4
dev.=0.6

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



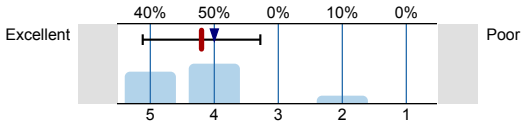
n=10

Overall, I would rate this course as:



n=9
av.=4.1
md=4
dev.=1.1

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



n=10
av.=4.2
md=4
dev.=0.9

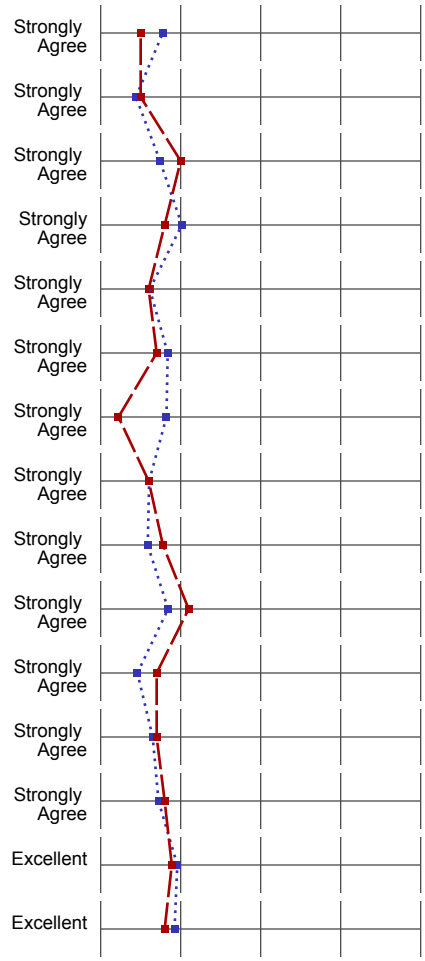
Profile

Subunit: (MCHE) - Mechanical Engineering
Name of the instructor: Joshua E Vaughan
Name of the course: (Name of the survey) MCHE485-001 (SP14-271337)

Comparative line: SPRING 2014 Avg-Traditional Courses [(MCHE) - Mechanical Engineering]

Values used in the profile line: Mean

Please complete the following survey about the course: [COURSE] [AUTHOR]



The instructor made appropriate use of illustrations, demonstrations, examples, and/or required materials.	Strongly Agree	Strongly Disagree	n=10	av.=4.5	md=4.5	dev.=0.5
			n=407	av.=4.2	md=4.0	dev.=0.9
I turned in all required materials on time.	Strongly Agree	Strongly Disagree	n=10	av.=4.5	md=4.5	dev.=0.5
			n=408	av.=4.6	md=5.0	dev.=0.7
The instructor provided feedback on my performance within a reasonable time.	Strongly Agree	Strongly Disagree	n=10	av.=4.0	md=4.0	dev.=1.2
			n=407	av.=4.3	md=4.0	dev.=0.9
The instructor explained subject matter in a way that I could understand.	Strongly Agree	Stongly Disagree	n=10	av.=4.2	md=4.0	dev.=0.6
			n=406	av.=4.0	md=4.0	dev.=1.1
The instructor created an atmosphere where ideas can be exchanged freely and easily.	Strongly Agree	Strongly Disagree	n=10	av.=4.4	md=4.0	dev.=0.5
			n=404	av.=4.4	md=5.0	dev.=0.8
I learned a lot in this course.	Strongly Agree	Strongly Disagree	n=10	av.=4.3	md=4.5	dev.=0.8
			n=407	av.=4.2	md=4.0	dev.=1.0
The instructor spoke audibly and clearly.	Strongly Agree	Strongly Disagree	n=9	av.=4.8	md=5.0	dev.=0.4
			n=406	av.=4.2	md=4.0	dev.=1.1
This course challenged me to think.	Strongly Agree	Strongly Disagree	n=10	av.=4.4	md=5.0	dev.=1.0
			n=406	av.=4.4	md=5.0	dev.=0.8
The instructor was available for scheduled appointments outside of class.	Strongly Agree	Strongly Disagree	n=9	av.=4.2	md=4.0	dev.=0.7
			n=362	av.=4.4	md=5.0	dev.=0.8
Expectations on assignments, projects, and/or exams were clearly communicated.	Strongly Agree	Strongly Disagree	n=10	av.=3.9	md=4.0	dev.=1.1
			n=408	av.=4.2	md=4.0	dev.=1.0
The instructor was respectful to students.	Strongly Agree	Strongly Disagree	n=10	av.=4.3	md=4.0	dev.=0.7
			n=403	av.=4.5	md=5.0	dev.=0.6
The physical environment (facility) was conducive to learning.	Strongly Agree	Strongly Disagree	n=10	av.=4.3	md=4.0	dev.=0.7
			n=406	av.=4.3	md=4.0	dev.=0.8
The course resources were useful and appropriate for learning.	Strongly Agree	Strongly Disagree	n=10	av.=4.2	md=4.0	dev.=0.6
			n=401	av.=4.3	md=4.0	dev.=0.9
Overall, I would rate this course as:	Excellent	Poor	n=9	av.=4.1	md=4.0	dev.=1.1
			n=406	av.=4.0	md=4.0	dev.=1.0
Overall, I would rate the effectiveness of this instructor as:	Excellent	Poor	n=10	av.=4.2	md=4.0	dev.=0.9
			n=404	av.=4.1	md=4.0	dev.=1.0

Comments Report

Please complete the following survey about the course:
[COURSE] [AUTHOR]

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

- Course website and online resources.
- Ipython, and Latex programs
- Programming software.
- Python notebooks

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

- Dr. Vaughan is a good professor. The course is hard to understand though.
- Dr. Vaughn has been an excellent addition to this department. He is one of the best teachers currently and has some exciting projects going on outside of the class room.

  He creates excellent lecture notes and presentations which are available to students online.

  My major complaint with him is that he is slow to give feedback on assignments. It is now the week before finals and he as not returned two major portions of our grades to us, meaning we the students don't really know how we stand in his class going into the final. This includes the grades for one group project and one mid-term.
- I believe that the course was taught well. I think the knowledge to work Ipython and latex goes overboard of expectation. To wrap your mind about the subject matter is enough without having to add to 2 new computer software programs to add to it. While I believe the exposure to them is great, I don't feel like I had enough time to embrace them let alone excel my grade with them.
- I liked this class and found it very interesting, but I do wish we could have seen more variety in the types of vibration problems (i.e. by use of pictures or videos).
- This is a fundamental course and students should have pre-exposure before their senior year