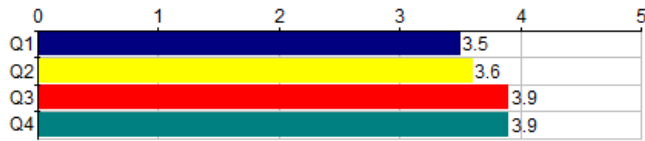


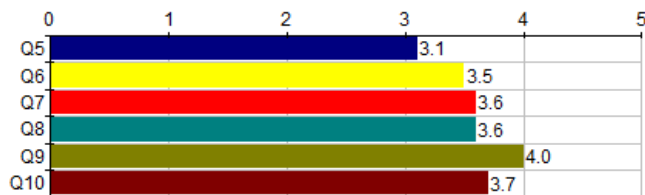
Course:	MTRL 472 101 - Welding and Joining of Materials	Department:	MTRL
Responsible Faculty:	Mahyar Asadi	Responses / Expected:	17 / 29 (58.62%)



Course	MTRL 472 - 101									
	Responses					Course				
	SD	D	N	A	SA	N	Mean	Med.	Mode	Std Dev
Q1	0	4	6	2	5	17	3.5	3	3	1.14
Q2	0	3	5	5	4	17	3.6	4	3,4	1.03
Q3	1	1	2	8	5	17	3.9	4	4	1.08
Q4	0	1	3	9	4	17	3.9	4	4	.80

Responses: [SD] Strongly Disagree=1 [D] Disagree=2 [N] Neutral=3 [A] Agree=4 [SA] Strongly Agree=5

Category Instructions: Based on a 5-point scale, where 1 = Strongly Disagree, 2 = Disagree, 3 = Neutral, 4 = Agree and 5 = Strongly Agree, please rate your instructor on the following:



University Module	Asadi, Mahyar									
	Responses					Individual				
	SD	D	N	A	SA	N	Mean	Med.	Mode	Std Dev
Q5	3	4	1	7	2	17	3.1	4	4	1.35
Q6	1	2	4	8	2	17	3.5	4	4	1.04
Q7	2	2	2	6	5	17	3.6	4	4	1.33
Q8	1	3	1	8	4	17	3.6	4	4	1.19
Q9	1	0	3	7	6	17	4.0	4	4	1.03
Q10	1	2	3	6	5	17	3.7	4	4	1.18

Responses: [SD] Strongly Disagree=1 [D] Disagree=2 [N] Neutral=3 [A] Agree=4 [SA] Strongly Agree=5

Question:	Comment on the things you appreciated about the course and provide suggestions for improvement.
Response Rate:	47.06% (8 of 17)

1	The lab portion of the course was extremely poorly organized. I think it is a great idea to teach ABAQUS for modelling applications, however the assignment load and scope should be changed. The lab instructor had an advanced understanding of modelling, but was unable to teach the content to a class and accommodate for student pace. The lab material lecture slide had missing information, and could not be followed independently of the lab.
1	All three lab assignments were assigned during the final month of the course, which was way too much of a workload during a busy part of the term.
	The lecture content was relatively dry. There was surprisingly little science and math, mostly approximations and "industry knowledge". I think the instructor should try and bridge a gap between microstructure development, heat affected zones and alloying compositions which will lead to critical thinking skills and fundamental understanding.
2	The final project takes way too much time. The workload for the project is almost equivalent to a Capstone project.
3	Labs could have started earlier so that the final project would not be pushed so close to exams. The work load on the final project was heavy and the time to work on it was too short. If we had we been informed about the content of the project and the requirements earlier it would have been much less stressful and made time management easier. The learning benefit from this project is not proportional to how much time each group spent on it.
	I thought the course lacked in almost every aspect.
	First, I hardly learned anything about how to actually advise a welder on how to weld components together. The course should focus more on students who are going to work in industry after their bachelor's degree. There was too much of a focus on the physics behind welding, which is something that most of us will never use again.
4	Second, the lab didn't actually start until October I believe, and the lab instructor was incapable of teaching us anything, or even remaining consistent on assignment instructions.
	In one case, we asked him to check over our lab; he looked it over thoroughly and said we did everything correct. The next week he comes and looks at it again and says everything is wrong and we have to redo it. We asked him for help but he just walked away. We spent the next 6 hours trying to figure out what we did wrong, but then checked with the other groups and realized we all had the same thing. When we got our mark back for the lab we ended up getting 100%, which was nice but 5 people still wasted 6 hours trying to figure out what we did wrong.
5	I have enjoyed the welding simulation part of the program. I guess it will be very useful for me in the future.

6	I feel like the lab portion was great and well thought out in terms of industry applicability. What would save time and effort for both the students and the lab instructor is if they simply made a screencast with voice recording of how something was done on abaqus, it would speed up the process so much more and then the lab hours could be more effectively used in trouble shooting as opposed to trying to keep up with learning and doing at the same time.
7	Enjoyed that the class covered all aspects of welding from codes to equipment to modeling. Lab sessions were very difficult to follow. Lab session needed more thorough notes so if you miss anything in class you can catch up.
8	Complicated calculations require better explanations in the notes as well as in class. Lab section needs to be improved. TA was hard to follow and the content was taught too quickly to retain information.

Faculty:	Asadi, Mahyar
Question:	Comment on what the instructor has done especially well in teaching the course and what he\she might do to improve it.
Response Rate:	47.06% (8 of 17)
1	that the instructor has done a great work on preparing the lectures and slides which provide a more holistic and deeper understanding of welding. The instructor also focuses on the practical application of welding with industrial cases and welding samples being shared in the class.
2	The instructor clearly had an in-depth understanding of the welding industry. However, they failed to translate this into effective knowledge for the students. One of the only things I can remember from this course is different fluxing agents. There was very little technical information that was taught, I could have learned most of the course content on Wikipedia. There should be more of a focus on critical thinking and evaluation both in course and in assignments.
3	The instructor is one of the few I have that actually cares about the students. He is an extremely nice guy and is very approachable, but it is evident that he has to been a university instructor before. The midterm examination was poorly written and caused mass confusion, and the grading was inconsistent.
4	The assignments could be posted separately from the lecture notes in connect so that it's easier to find them. Could reduce use of powerpoint and use the blackboard more in the lectures. This makes lectures more interesting and less monotonous.
5	Instructor for the lecture is outstanding. Instructor for the lab is horrible, he walks through tutorial way too fast for students to follow.
6	Improve: Clearer midterm expectations and preparation material. More transparent marks.
7	Group project was interesting.
8	Did a very good job in showing the application of the content in industry.