### Overall indicators

#### Global Index

<table>
<thead>
<tr>
<th>Value</th>
<th>Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>4.21</td>
<td>0.82</td>
</tr>
</tbody>
</table>

#### 2. Instructor Evaluation

<table>
<thead>
<tr>
<th>Question</th>
<th>Value</th>
<th>Range</th>
</tr>
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<tbody>
<tr>
<td>Instructor created an environment that was conducive to learning.</td>
<td>4.3</td>
<td>0.67</td>
</tr>
<tr>
<td>Instructor gave clear explanations.</td>
<td>3.7</td>
<td>0.82</td>
</tr>
<tr>
<td>Instructor used helpful examples and illustrations.</td>
<td>3.4</td>
<td>1.07</td>
</tr>
<tr>
<td>Instructor consistently followed grading criteria.</td>
<td>4.4</td>
<td>0.84</td>
</tr>
<tr>
<td>Instructor provided useful feedback.</td>
<td>4.4</td>
<td>0.84</td>
</tr>
<tr>
<td>Instructor provided timely feedback.</td>
<td>4.5</td>
<td>0.71</td>
</tr>
</tbody>
</table>
3. Course Evaluation

3.1) Outside class activities (readings, assignments, homework, problem sets, etc.) helped me to understand the subject.

3.2) In-class activities (lecture, discussion, handouts, group-work, etc.) contributed to my understanding of the subject.

3.3) This course challenged me intellectually.

3.4) Course grading criteria were communicated clearly.

3.5) Course objectives were met.

4. Additional Questions

4.1) Instructor encouraged participation.

4.2) Instructor was respectful to students.

4.3) Examinations were a good test of my knowledge.

4.4) Overall, considering its content, design and structure, this course was excellent.

4.5) Instructor was an effective teacher.
Profile

Subunit: A&S-MATH
Name of the instructor: MARTIN MOHLENKAMP
Name of the course: Applied Numerical Methods (MATH3600100_2185_Regular)

Values used in the profile line: Mean

2. Instructor Evaluation

2.1) Instructor created an environment that was conducive to learning.
   STRONGLY DISAGREE | | | STRONGLY AGREE
   n=10 av.=4.30 md=4.00 dev.=0.67

2.2) Instructor gave clear explanations.
   STRONGLY DISAGREE | | | STRONGLY AGREE
   n=10 av.=3.70 md=3.50 dev.=0.82

2.3) Instructor used helpful examples and illustrations.
   STRONGLY DISAGREE | | | STRONGLY AGREE
   n=10 av.=3.40 md=3.00 dev.=1.07

2.4) Instructor consistently followed grading criteria.
   STRONGLY DISAGREE | | | STRONGLY AGREE
   n=10 av.=4.40 md=5.00 dev.=0.84

2.5) Instructor provided useful feedback.
   STRONGLY DISAGREE | | | STRONGLY AGREE
   n=10 av.=4.40 md=5.00 dev.=0.84

2.6) Instructor provided timely feedback.
   STRONGLY DISAGREE | | | STRONGLY AGREE
   n=10 av.=4.50 md=5.00 dev.=0.71

2.7) Instructor made herself or himself available for assistance outside of class.
   STRONGLY DISAGREE | | | STRONGLY AGREE
   n=10 av.=4.40 md=5.00 dev.=0.84

3. Course Evaluation

3.1) Outside class activities (readings, assignments, homework, problem sets, etc.) helped me to understand the subject.
   STRONGLY DISAGREE | | | STRONGLY AGREE
   n=10 av.=3.80 md=4.00 dev.=0.92

3.2) In-class activities (lecture, discussion, handouts, group-work, etc.) contributed to my understanding of the subject.
   STRONGLY DISAGREE | | | STRONGLY AGREE
   n=10 av.=4.20 md=4.00 dev.=0.63

3.3) This course challenged me intellectually.
   STRONGLY DISAGREE | | | STRONGLY AGREE
   n=10 av.=4.40 md=5.00 dev.=0.97

3.4) Course grading criteria were communicated clearly.
   STRONGLY DISAGREE | | | STRONGLY AGREE
   n=10 av.=4.50 md=5.00 dev.=0.71

3.5) Course objectives were met.
   STRONGLY DISAGREE | | | STRONGLY AGREE
   n=10 av.=4.40 md=5.00 dev.=0.84

4. Additional Questions

4.1) Instructor encouraged participation.
   STRONGLY DISAGREE | | | STRONGLY AGREE
   n=10 av.=4.10 md=4.00 dev.=0.88

4.2) Instructor was respectful to students.
   STRONGLY DISAGREE | | | STRONGLY AGREE
   n=10 av.=4.70 md=5.00 dev.=0.48

4.3) Examinations were a good test of my knowledge.
   STRONGLY DISAGREE | | | STRONGLY AGREE
   n=10 av.=4.00 md=4.50 dev.=1.25

4.4) Overall, considering its content, design and structure, this course was excellent.
   STRONGLY DISAGREE | | | STRONGLY AGREE
   n=9 av.=4.11 md=5.00 dev.=1.17

4.5) Instructor was an effective teacher.
   STRONGLY DISAGREE | | | STRONGLY AGREE
   n=10 av.=4.20 md=4.00 dev.=0.79
5. Open Response

5.1) What do you consider to be the greatest **STRENGTH** of the **INSTRUCTOR**?

- Always wanted to help.
- He had a positive attitude every day and was always there to help. Dr. Mohlenkamp was always willing to help answer any questions and point us in the right direction.
- He is very professional, and he is pretty helpful when you ask him questions.
- He seemed to know Matlab well and could see where errors in the program came from.
- Question Responses. Asking a question would take me from stuck to on the right path
- The explanations he gives never just give away the answer. He leaves you to discover how certain codes work which leads to a better understanding of topics.
- The greatest strength of the instructor is the great understanding of Matlab and writing the codes for the class homeworks. He is able to physically explain/demonstrate the content covered in class. Also the instructor is very helpful one on one when our group asked questions.
- Very knowledgeable on subject and helps students the right amount without giving answers away. Makes students have to think to get the answer.
What do you consider to be the greatest **WEAKNESS** of the **INSTRUCTOR**? Suggestions for improvement?

- Because this is an non-lecture class, many difficult or confused points cannot be explained very well. He should explain the important point. The class should have lecture.
- NA
- Not sure since class was flipped classroom
- Sometimes his explanations went always clear.
- The greatest weakness of the instructor would be explaining more to the class as a whole the content covered in the lectures and covering what the Matlab codes are actually doing when being ran.
- The lack of lecture. A brief description of what we are doing at the beginning of each lecture may have made certain topics easier, for reading through them online sometimes isn’t very helpful.
- There was no clear instruction. No lecture was given before the assignments, we were just required to read the material and go. Some sections I think required a little more information than we were given.
- Was not any real instructing, basically self taught. Test material breakdown was inconsistent on the course website and the test information links, which caused confusion when studying.
- none
5.3) What do you consider to be the greatest **STRENGTH** of the **COURSE**? (texts, content, etc.)?

- **Course Organization**
- It helps teach matlab and problem solving using computer software
- The greatest strength of this course is that you are pushed to really understand the material covered, both the math being executed along with how to implement it in a code for the computer to execute the math much more quickly.
- The online lectures are very clear and helpful.
- The real world and engineering applications can be clearly seen. Matlab will be something I will probably use in my career, so it's nice to get some introductory knowledge now.
- This course have good teamwork for studying.
- We were given all the information the first day, all of our homework was laid out in advance. I like that we had groups to help figure out the material.
- reviewing what we have learned during our time here
What do you consider to be the greatest weakness of the course? Suggestions for improvement?

- I don't feel there are any weaknesses of the course, the course itself is just difficult and takes a lot of time and effort put in to it to excel and understand everything that is going on from the first lecture and especially in the last several lectures covered.
- I think this course is very well put together
- In my opinion the lecture material wasn't in the best order. Some important information could be found two lectures ahead of the current material. I think it would be helpful to have references in the notes to other lectures containing useful information.
- No formal learning (instructor taught), and lack of examples. I think there should be more in class lecturing, maybe an example or two per class
- Some topics seem redundant and others seem to not be useful or not have much of a real world application.
- The group does as well as the best group member is with matlab for the most part.
- This course has too many tests, it will take students long time to review.
- Learning Matlab to quick