A Month-Long Series of MATLAB Sessions
at Missouri S&T

MATLAB SESSIONS

Analysis of Students’ Responses

by

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I organized a month-long series of five MATLAB sessions for beginners. All the sessions were held in one of the Computer Learning Centers (CLCs) to provide hands-on experience with MATLAB. This document summarizes the students’ feedback. A sample feedback form is also given at the end of this document.

**Question 1**

How were the presentation skills of the speaker(s)?

![Bar chart showing percentage of students' feedback for presentation skills.](chart1.png)

**Question 2**

How about the presentation materials?

![Bar chart showing percentage of students' feedback for presentation materials.](chart2.png)
**Question 3**

I am satisfied with the topics chosen (considering the time limit of finishing before finals).

![Bar chart showing the percentage of students' responses to the question: SA-Strongly Agree, A-Agree, N-Neutral, D-Disagree, SD-Strongly Disagree.](chart1.png)

**Question 4**

How would you rate the overall effectiveness of the speaker(s) in encouraging “LEARNING?”

![Bar chart showing the percentage of students' responses.](chart2.png)
**Question 5**

The information presented was relevant for a beginner.

<table>
<thead>
<tr>
<th>Percentage of students (%)</th>
<th>SA</th>
<th>A</th>
<th>N</th>
<th>D</th>
<th>SD</th>
</tr>
</thead>
<tbody>
<tr>
<td>78.6</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>21.4</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

SA-Strongly Agree   A-Agree   N-Neutral   D-Disagree   SD-Strongly Disagree

**Question 6**

The information presented was relevant for ME.

<table>
<thead>
<tr>
<th>Percentage of students (%)</th>
<th>SA</th>
<th>A</th>
<th>N</th>
<th>D</th>
<th>SD</th>
</tr>
</thead>
<tbody>
<tr>
<td>71.4</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>28.6</td>
<td></td>
<td></td>
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</tr>
</tbody>
</table>

SA-Strongly Agree   A-Agree   N-Neutral   D-Disagree   SD-Strongly Disagree
**Question 7**

I enjoyed the session(s).

**Question 8**

The speaker and volunteers were effective in convincing me about the different concepts.
**Question 9**

Do you think having videos of our sessions will help other guys who were not able to attend the sessions?

![Bar chart for Question 9](chart.png)

**Question 10**

I would recommend these type of sessions to my friends.

![Bar chart for Question 10](chart.png)

SA-Strongly Agree  A-Agree  N-Neutral  D-Disagree  SD-Strongly Disagree
Question (A)

Things you liked about the sessions.
Exact responses of different students are given in bullet points. The students were given the option to hide their identity.

- It was very nice for all of the students. Those from a variety of backgrounds could come and learn at least something. The helpers were very useful and everyone was nice. I enjoyed my time in the sessions and felt as though I left knowing quite a bit more.
  -Anonymous

- It was a good introduction to the basics of MATLAB, establishing a solid base upon which further knowledge of the language and program can be built. 10/10, would learn again.
  -Anon

- Everything was awesome!
  -Abdulaleem Bugis

- “They are really helpful at the beginning, and after that everyone can help himself from the internet. Thank you so much guys.”
  -Mohammed

- Keep having the exercises uploaded on webpage
  -Anonymous

- easy lectures.
  -anonymous

- They went slow to account for everyone’s pace.
  -Kate Kruggel

- I love how you guys relate this to aspects of nuc classes I have had or will have.
  My biggest suggestion would be to have a summery of what each class covers (command wise) with examples that would be easy to look up in the future. I really want to use MATLAB for classwork, but I know I will not be able to remember all of the syntax you’ve all taught me so far. Having someplace to go for a quick refresher would be great.”
  -Steve

- Great beginner course. well taught and explained
  -James Jackson
**Question A (cont.)**

- I like the fact that the sessions cover topics that are independent of one another but are still related. I also like the little nuclear facts!  
  
  -Monica

- The concepts were good for introducing MatLab.

  -Anonymous

- Being able to access the session powerpoints and exercises.

  -Minh-Thuy Nguyen

- I liked that there were multiple knowledgeable people in the classroom that could help me if I ever had a question. I also like that the classes encouraged learning by having people create programs on their own.

  -Ethan Margherio

- I like having the exercises online so I can look them up if I missed a session or to go back and review if I forget how to do something.

  -Anonymous

**Question (B)**

*Things you didn’t like and would like us to STOP implementing.*

*Exact responses of different students are given in bullet points.*

- It would be a bit more helpful to make the drills slightly more different than the examples. This way, knowledge is actually tested because straight up copying will not work.

  -Anonymous

- nothing

  -James Jackson

- Sessions like these would be more easily maintained at the beginning of the semester than at the end.

  -Monica
Question (B) cont.

* The examples became too simple. The difficulty of the examples and practice quizzes should be increased.

  -Anonymous

* At times I felt like we spent too long trying to cover simpler steps, but everyone learns at a different rate, so maybe this is ok as well.

  -Ethan Margherio
Sample Feedback Form

The students were given the option to hide their identity (name/email).

1. How were the presentation skills of the speaker(s) (e.g., Gestures, Voice, Confidence)?
   - Excellent
   - Good
   - Average
   - Bad

2. How about the presentation materials (e.g., Power points)?
   - Excellent
   - Good
   - Average
   - Bad

3. I am satisfied with the topics chosen (considering the time limit of finishing before finals).
   - Strongly Disagree
   - Disagree
   - Neutral
   - Agree
   - Strongly Agree

4. How would you rate the overall effectiveness of the speaker(s) in encouraging “LEARNING?”
   - Excellent
   - Good
   - Average
   - Bad

5. The information presented was relevant for a beginner.
   - Strongly Disagree
   - Disagree
   - Neutral
   - Agree
   - Strongly Agree

6. The information presented was relevant for ME.
   - Strongly Disagree
   - Disagree
   - Neutral
   - Agree
   - Strongly Agree

7. I enjoyed the session(s).
   - Strongly Disagree
   - Disagree
   - Neutral
   - Agree
   - Strongly Agree

8. The speaker and volunteers were effective in convincing me about the different concepts.
   - Strongly Disagree
   - Disagree
   - Neutral
   - Agree
   - Strongly Agree

9. Do you think having videos of our sessions will help other guys who were not able to attend the sessions?
   - Yes
   - Maybe
   - No

10. I would recommend these type of sessions to my friends.
    - Strongly Disagree
      - Disagree
      - Neutral
      - Agree
      - Strongly Agree
A. Things you liked about the sessions.

B. Things you didn’t like and would like us to STOP implementing.