ME 106 Course Evaluation

Due by the Final Exam

This is a questionnaire to help the instructor evaluate the effectiveness of the educational approach used in the course and to make modifications to improve the course in future offerings. Your responses are anonymous, so please answer the questions truthfully and completely. Thank you!

1. Where would you rank ME 106 compared to other courses you’ve taken at San José State University?

<table>
<thead>
<tr>
<th>One of the worst</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>Average</th>
<th>5</th>
<th>6</th>
<th>7</th>
<th>8</th>
<th>9</th>
<th>One of the best</th>
<th>10</th>
</tr>
</thead>
</table>

What did you like most about the course? Why?
_________________________________________________________________________________
_________________________________________________________________________________

What did you like least about the course? Why?
_________________________________________________________________________________
_________________________________________________________________________________

What would you add or remove from the course coverage? Why?
_________________________________________________________________________________
_________________________________________________________________________________

How well did the course meet the stated learning objectives and your expectations? What could be improved?
_________________________________________________________________________________
_________________________________________________________________________________

2. How effective were the homework assignments in helping you learn the subject material?

<table>
<thead>
<tr>
<th>Not helpful</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>Average</th>
<th>5</th>
<th>6</th>
<th>7</th>
<th>8</th>
<th>9</th>
<th>Very helpful</th>
<th>10</th>
</tr>
</thead>
</table>

3. How effective were the laboratory assignments in helping you learn the subject material?

<table>
<thead>
<tr>
<th>Not helpful</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>Average</th>
<th>5</th>
<th>6</th>
<th>7</th>
<th>8</th>
<th>9</th>
<th>Very helpful</th>
<th>10</th>
</tr>
</thead>
</table>

What did you like most about the laboratory assignments? Why?
_________________________________________________________________________________
_________________________________________________________________________________

What did you like least about the laboratory assignments? Why? What was most frustrating?
_________________________________________________________________________________
_________________________________________________________________________________

What specifically could be done to improve the laboratory assignments or laboratory experience? *(Please list as many things as you can. Use an extra sheet if necessary.)*
_________________________________________________________________________________
_________________________________________________________________________________
_________________________________________________________________________________

Please comment on the degree to which the course helped improve your technical writing (e.g., lab reports, homework, etc.)
_________________________________________________________________________________
_________________________________________________________________________________
_________________________________________________________________________________

Please comment on our use of electronics submission of homework assignments and use of Blackboard.
_________________________________________________________________________________
_________________________________________________________________________________
_________________________________________________________________________________

Please comment on the pre-lab quizzes. Were they helpful in motivating you to read and prepare for lab?
_________________________________________________________________________________
_________________________________________________________________________________)
Please comment on the term project. Was it a valuable experience? If so, how could it be improved? Please also comment on doing a project of your own design (like we did this semester) vs. a theme project common for all groups.

_________________________________________________________________________________
_________________________________________________________________________________
_________________________________________________________________________________

Please comment on the textbook and the weekly readings hyperlinked in the syllabus. Was the book a helpful resource? Did you complete the weekly readings? Did they adequately supplement the lectures and lab assignments? Would you recommend using the book again next semester? Could the lecture notes and weekly readings substitute for the text?

_________________________________________________________________________________
_________________________________________________________________________________
_________________________________________________________________________________

Please comment on the degree to which the course helped you improve your programming skills. Were you adequately prepared from ME 30 (or its equivalent (state which course you took)) What could have helped you be more successful with the programming aspect of the course?

_________________________________________________________________________________
_________________________________________________________________________________
_________________________________________________________________________________

Please comment on your lab TA. How helpful was he or she toward your learning the subject?
Name of your TA: ________________________  ______________________________________________________

_________________________________________________________________________________
_________________________________________________________________________________
_________________________________________________________________________________

Suppose ME 106 was offered on-line, and laboratory experiments were redesigned so that they could be done on your own (imagine having your own microcontroller board and components and interfacing them to your PC at home or work). Please comment on such a proposal. Would you take such a course? Why or why not?

_________________________________________________________________________________
_________________________________________________________________________________
_________________________________________________________________________________

Which of the following best describes your situation and the impact ME 106 has had on your selection of major concentration or subsequent study or choice of career (circle the appropriate letter in both columns):

<table>
<thead>
<tr>
<th>Before taking ME 106</th>
<th>After taking ME 106</th>
</tr>
</thead>
<tbody>
<tr>
<td>A. Was heading toward Mechatronics</td>
<td>A. Still heading toward Mechatronics</td>
</tr>
<tr>
<td>B. Was not heading toward Mechatronics</td>
<td>B. Now heading toward Mechatronics</td>
</tr>
<tr>
<td>C. Was unsure about major concentration</td>
<td>C. Not heading toward Mechatronics now</td>
</tr>
<tr>
<td>D. Other: ___________________________</td>
<td>D. Other: ___________________________</td>
</tr>
</tbody>
</table>

When and how did you make your decision regarding major concentration and why for or against mechatronics? What drives your decision? ______________________________________________________________________________________
________________________________________________________________________________________________
________________________________________________________________________________________________

What would have helped you be better prepared to take ME106? ________________________________________________
________________________________________________________________________________________________

Grade in EE 98 ________  Grade in ME 30 (or equiv) ___________  Overall GPA ________  Major_________

Would you be interested in being a TA or volunteer to work on some special projects next semester in the Mechatronics Laboratory to gain more experience in Mechatronics?

Yes _____  No _____ If yes, please see Dr. Furman before next semester.