1. The pace of the course is

<table>
<thead>
<tr>
<th>Too fast</th>
<th>Just right</th>
<th>Too slow</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>71</td>
<td>0</td>
</tr>
</tbody>
</table>

2. The number of problems in a Problem Set is

<table>
<thead>
<tr>
<th>Too many</th>
<th>Just right</th>
<th>Too few</th>
</tr>
</thead>
<tbody>
<tr>
<td>5.5</td>
<td>67.5</td>
<td>0</td>
</tr>
</tbody>
</table>

3. How many hours do you spend for a Problem Set on average:

4.8 hours

4. When do you usually start working on a Problem Set seriously?

<table>
<thead>
<tr>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
<th>Sun</th>
<th>Mon</th>
<th>Tue</th>
<th>Wed</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>1.5</td>
<td>2</td>
<td>11.5</td>
<td>16.5</td>
<td>19.5</td>
<td>19</td>
</tr>
</tbody>
</table>

5. How many hours do you spend reading the textbook every week?

1 hour

6. Is the proportion (and the amount of work) of the programming assignments in problem sets

<table>
<thead>
<tr>
<th>Too much</th>
<th>Just right</th>
<th>Too small</th>
</tr>
</thead>
<tbody>
<tr>
<td>44.5</td>
<td>22.5</td>
<td>1</td>
</tr>
</tbody>
</table>

7. Any specific topic you would like the instructor to cover in this course??
   - Review differential Equation
   - Applications to Mechanical Engineering and real world examples
   - Do a little more computer programming
   - It would be interesting to hear a little about applications in your research
   - Introduction to finite element methods
   - Generic algorithms
   - Jobs in numerical methods

8. Any suggestions to the instructor? (How can he teach the class better?)
   - I love this class. A little early but this is by far one of the best taught courses I’ve ever had.
   - I enjoy the lectures.
   - Organization is very good, which helps me to keep the methods straight and be able to compare them.
   - For PS6 you explained how to do the second problem in class but you didn’t e-mail or post the necessary information.
- Professor should make himself more available. Perhaps he should have office hours in the cluster.
- Time can be more efficiently used so class can end earlier.
- Handouts are very useful and easy to understand.
- Stress important details.
- I like the feedback on performance.
- Everything is well done.
- Good real life examples, good pace.
- Do more concrete examples.
- More of Tom Cruise.
- Don’t change anything.
- The drawings are helpful and the funny comments keep me awake.
- Should talk to other Mech E professors so exams and PS don’t get piled into one week.
- You are GREAT! You are the coolest professor I have!
- Love relax atmosphere and love the jokes!
- Please give some overview of programming assignment in class.
- Should have a break in each class.
- Could give some starter code or methods that we could use when writing code.
- Change grading scheme, if class average is less. A should be >85.
- More examples on golden section method.
- You are my favorite professor this semester.

9. Any suggestion to the TA/Graders? (How can they help you better in cluster hours?)

- Grading is reasonable.
- Graders should relax on the grading.
- The TAs have been very helpful for the mathcad assignment.
- Murat has been very helpful when it comes to programming assignments.
- Don’t spend so much time with one student.
- They are extremely helpful and even stay much after office hours are over.
- Good job, it’s very helpful!!
- Need more TA’s for java.
- Start earlier and leave later.
- Should have cluster hours on Tuesday night when PS due on Thursday.
- TAs are generally ok, except TA didn’t offer much help on PS5 and said it was easy.
- Don’t feel bad about catching people who cheat. It’s frustrating for those people who don’t.
- The cluster hour is a little bit late at night.
- Should move the hours to weekends instead of 2 on weekdays. Maybe Sunday and Wednesday.
• There has been confusion over Java/C++ programming help in cluster
• Graders could provide better comments than “see solution”
• Tell us to do stuff already
• Have them actually help us during cluster hours instead of saying “Well that’s what you have to figure out” or “didn’t you look in the help file?”
• TAs could be slightly more tactful in their communication.
• Should give us some hints on programming assignments
• They do a good job
• Have cluster hours the day before homework is due
• More merciful
• Check all of the homework so that deductions are not made when the correct answer is right on the next page
• Not well informed!
• Hand out tests by row
• Comments are not very helpful, and grading is at times wrong

10. What do you think of the text book?

<table>
<thead>
<tr>
<th>Poor</th>
<th>Fair</th>
<th>Good</th>
<th>Excellent</th>
<th>Never read the textbook</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>13</td>
<td>33.5</td>
<td>8.5</td>
<td>12</td>
</tr>
</tbody>
</table>

11. Other suggestions? (Please use the back of this sheet if you need more space)
• Quiz1 is reasonable
• Grading on quiz1 is a little unfair
• Need more time on Quiz2 but the questions were fair
• Quiz2 had material not presented on homework.
• Part of programming graded too hash on Quiz2
• I’m not a fan of the programming assignments, but assignments on mathcad are fine.
• Programming is unreasonable!
• The programming part takes up a lot of time especially PS5. I think the problem is just that we haven’t had a whole lot of programming experience.
• Less programming, more open-ended problems.
• I have found that programming problems are 5% numerical methods and 95% programming.
• I became a Mech E so I wouldn’t have to spend 10hours programming 1 assignment
• Long programming assignments should be due in 2 weeks
• Less weight for programming exams
• Writing a compilable code for quiz 2 was hard because many times when I program, I don’t get it right on the first try. It comes from trials, errors and warnings!
• The score for each problem is a little bit high, or maybe TA/graders took out too many points from one problem.
• Your quizzes actually test us on what we have learned. This is awesome and you should recommend this concept to your fellow professors.
• Allowing a drop or two of the lowest graded homework would be helpful
• Please allow more extra credit on PS or exams or curve grades so a lot of effort can bring up the grades
• Extra bonus points
• VRML is neat but you can’t get to it unless you get everything else right. So should make it as an extra credit instead of a graded part.
• I like codename
• Nice website
• Homework worth too much especially homework that only has 1 or 2 problems. Homework 5 worth more than any quiz question.
• I like the way grading is done having more tests that count for less, and having each test be worth only two times what each homework is worth.
• Mathcad Help is pretty bad, it would help if we had better references