Analysis of Classroom Evaluations

COLLEGE OF ENGINEERING

EEE 554A
Credit Hours: 3
Enrollment: 53

Number of Respondents: 42

COCHRAN, DOUGLAS

61355

VG - Very Good; G - Good;
P - Fair; P - Poor; NA - Not Applicable

THE COURSE

Q1: Textbook-supplementary material in support of the course.
Q2: Value of assigned homework in support of the course topics.
Q3: Reasonableness of exams and quizzes in covering course material.
Q4: Weight given to laboratory experiments/projects in support of the course topics.
Q5: Weight given to homework assignments, relative to exams and quizzes.
Q6: Definition and application of criteria for grading.

Scale

<table>
<thead>
<tr>
<th>Scale</th>
<th>VG</th>
<th>G</th>
<th>F</th>
<th>P</th>
<th>NA</th>
<th>Mean</th>
<th>C.V.</th>
</tr>
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<tbody>
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<td>Q1</td>
<td>11</td>
<td>48%</td>
<td>21%</td>
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<td>3.95</td>
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<td>Q2</td>
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<td>Q3</td>
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<td>3%</td>
<td>83%</td>
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<td>50%</td>
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<td>1%</td>
<td>3%</td>
<td>4.29</td>
<td>0.17</td>
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<tr>
<td>Q5</td>
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<td>14%</td>
<td>3%</td>
<td>1%</td>
<td>2%</td>
<td>4.29</td>
<td>0.21</td>
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<tr>
<td>Q6</td>
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<td>41%</td>
<td>7%</td>
<td>5%</td>
<td>0%</td>
<td>4.29</td>
<td>0.19</td>
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<tr>
<td>Q7</td>
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<td>31%</td>
<td>12%</td>
<td>2%</td>
<td>0%</td>
<td>4.38</td>
<td>0.18</td>
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<tr>
<td>Averages</td>
<td>36%</td>
<td>31%</td>
<td>9%</td>
<td>3%</td>
<td>21%</td>
<td>4.27</td>
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</tr>
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</table>

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### Analysis of Classroom Evaluations

**College of Engineering**

**EEE 554A**

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**Cochran, Douglas**

FL93

**A** - Almost Always; **B** - Usually; **C** - 50% of time; **D** - Occasionally; **E** - Almost Never

#### The Instructor

- Q8: The instructor was well prepared.
- Q9: The instructor communicated ideas clearly.
- Q10: The instructor or assistants were available for outside assistance.
- Q11: The instructor exhibited enthusiasm for and interest in the subject.
- Q12: The instructor's approach stimulated student thinking.
- Q13: The instructor related course material to its application.
- Q14: The instructor's methods of presentation supported student learning.
- Q15: The instructor's grading was fair, impartial, and adequate.
- Q16: The instructor returned graded materials within a reasonable time period.

<table>
<thead>
<tr>
<th>Scale</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>Mean</th>
<th>C.V.</th>
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<tbody>
<tr>
<td>Q8 Freq:</td>
<td>15%</td>
<td>12%</td>
<td>5%</td>
<td>1%</td>
<td>0%</td>
<td>4.76</td>
<td>0.13</td>
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<tr>
<td>Q9 Freq:</td>
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<td>5%</td>
<td>1%</td>
<td>0%</td>
<td>4.62</td>
<td>0.13</td>
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<td>Q10 Freq:</td>
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<td>7%</td>
<td>1%</td>
<td>0%</td>
<td>4.29</td>
<td>0.23</td>
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<td>Q11 Freq:</td>
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<td>2%</td>
<td>0%</td>
<td>4.52</td>
<td>0.15</td>
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<td>Q12 Freq:</td>
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<td>15%</td>
<td>7%</td>
<td>1%</td>
<td>0%</td>
<td>4.26</td>
<td>0.21</td>
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<tr>
<td>Q13 Freq:</td>
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<td>15%</td>
<td>10%</td>
<td>2%</td>
<td>0%</td>
<td>3.98</td>
<td>0.24</td>
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<td>Q14 Freq:</td>
<td>20%</td>
<td>10%</td>
<td>17%</td>
<td>10%</td>
<td>0%</td>
<td>4.36</td>
<td>0.21</td>
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<td>Q15 Freq:</td>
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<td>10%</td>
<td>10%</td>
<td>2%</td>
<td>0%</td>
<td>4.57</td>
<td>0.15</td>
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<tr>
<td>Q16 Freq:</td>
<td>15%</td>
<td>10%</td>
<td>14%</td>
<td>2%</td>
<td>2%</td>
<td>4.21</td>
<td>0.23</td>
</tr>
</tbody>
</table>

| Averages | 25% | 30% | 8% | 4% | 1% | 4.40 |
## Analysis of Classroom Evaluations

**COLLEGE OF ENGINEERING**

EEE 554A  
3  
61355  
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42  
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### OVERALL

**Q17**: Overall quality of the course and instruction.  
**Q18**: How do you rate yourself as a student in this course?

<table>
<thead>
<tr>
<th>Rating</th>
<th>Freq.</th>
<th>Perc.</th>
</tr>
</thead>
<tbody>
<tr>
<td>EX</td>
<td>19</td>
<td>45%</td>
</tr>
<tr>
<td>VG</td>
<td>14</td>
<td>34%</td>
</tr>
<tr>
<td>G</td>
<td>12</td>
<td>28%</td>
</tr>
<tr>
<td>F</td>
<td>2</td>
<td>0%</td>
</tr>
<tr>
<td>P</td>
<td>0</td>
<td>0%</td>
</tr>
</tbody>
</table>

*Mean: 4.29  C.V: 0.18*

**Q19**: Is this a required course in your program of study?  
Yes: 74%  No: 26%

**Q20**: What are the average hours/week spent studying for this course?

<table>
<thead>
<tr>
<th>Hours</th>
<th>Freq.</th>
<th>Perc.</th>
</tr>
</thead>
<tbody>
<tr>
<td>16</td>
<td>17</td>
<td>41%</td>
</tr>
<tr>
<td>8</td>
<td>18</td>
<td>44%</td>
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<tr>
<td>4</td>
<td>6</td>
<td>15%</td>
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<tr>
<td>2</td>
<td>0</td>
<td>0%</td>
</tr>
<tr>
<td>1</td>
<td>0</td>
<td>0%</td>
</tr>
</tbody>
</table>

**Q21**: What is your class standing?

<table>
<thead>
<tr>
<th>Standing</th>
<th>Freq.</th>
<th>Perc.</th>
</tr>
</thead>
<tbody>
<tr>
<td>FR</td>
<td>0</td>
<td>0%</td>
</tr>
<tr>
<td>SO</td>
<td>2</td>
<td>2%</td>
</tr>
<tr>
<td>JR</td>
<td>0</td>
<td>0%</td>
</tr>
<tr>
<td>SR</td>
<td>2</td>
<td>2%</td>
</tr>
<tr>
<td>CR</td>
<td>1</td>
<td>2%</td>
</tr>
</tbody>
</table>

**Q22**: What % of the class meetings have you attended?

<table>
<thead>
<tr>
<th>Attendance</th>
<th>Freq.</th>
<th>Perc.</th>
</tr>
</thead>
<tbody>
<tr>
<td>100%</td>
<td>41</td>
<td>98%</td>
</tr>
<tr>
<td>99-100%</td>
<td>1</td>
<td>2%</td>
</tr>
<tr>
<td>90-99%</td>
<td>0</td>
<td>0%</td>
</tr>
<tr>
<td>80-89%</td>
<td>0</td>
<td>0%</td>
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<tr>
<td>70-79%</td>
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<td>60-69%</td>
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<td>0%</td>
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<tr>
<td>50-59%</td>
<td>0</td>
<td>0%</td>
</tr>
<tr>
<td>0-49%</td>
<td>0</td>
<td>0%</td>
</tr>
<tr>
<td>0%</td>
<td>0</td>
<td>0%</td>
</tr>
</tbody>
</table>
26. What did you like most about this course?

The most I liked about the course was the instructor. Dr. Cochran was always willing to help us. He explained the material very well. ASW needs more instructors like Dr. Cochran, one who cares about the students' education.

27. What did you like least about this course?

Did not like defective problems, but Dr. Cochran explained very well how to set-up the problems. I did not like the book.
26. What did you like most about this course?

The way the professor gave
an intuitive idea to every concept.

27. What did you like least about this course?

Booing the fact that it is a
tough course, everything else was fine.

Dr. Cochran is an excellent teacher. He is very approachable
and understanding.
### 26. What did you like most about this course?

- Instructor's approach was excellent
- Communicates clearly
- Simplify's complex ideas
- Textbook reading was good

### 27. What did you like least about this course?

- Textbook had no solutions to problems
- No feedback as to whether my problem solving approach was correct or not

### 3. Excellent Professor!

- Intelligent
- Helpful
- Friendly
26. What did you like most about this course?

I liked the way Dr. Cochran taught this course. He always made this course look very interesting and fun to learn. He is the best instructor.

27. What did you like least about this course?

NONE
26. What did you like most about this course?

The instructor was very well prepared and readily accessible. His questions on the exams and homework were very representative of all the material in the course.

27. What did you like least about this course?

The exams were slightly lengthy and it was difficult to complete them in the allotted 50 minutes.
26. What did you like most about this course?

Applying theory to real situations.

27. What did you like least about this course?

It took too long to receive homework and exams back.

Excellent prof. Good job!

Shorten the time it takes to complete exams though.
26. What did you like most about this course?

27. What did you like least about this course?

The fact that there were too many students for this level of class that you lose the student-instructor interaction as in undergraduate courses,
26. What did you like most about this course?

27. What did you like least about this course?

The detector problems and trying to follow the book’s examples.
26. What did you like most about this course?

The approach/presentation was well-structured and coherent. Building blocks for the later topics in the course were well-defined in the earlier part of the course.

27. What did you like least about this course?

The hardest topics, such as random processes, were rushed at the end of the course. More time should be allocated for more examples, etc. in these topics, less in basic probability theorems. Perhaps don't try to introduce stochastic processes now wait...
WRITE-IN AREA 1
26. What did you like most about this course?

The organization of lecture notes is easy to follow and gives a good basis for the more difficult material (text, book, etc.).

WRITE-IN AREA 2
27. What did you like least about this course?

The textbook, good though it is, lacks certain examples that might prove more in tune with the typical exam questions.
26. What did you like most about this course?

[Space for answer]

27. What did you like least about this course?

The book is not readable. The homework assignments are very tough. Should have a project to reinforce the random signal technique, then it becomes only textbook knowledge.
26. What did you like most about this course?

Homework assignments were given due credit.

27. What did you like least about this course?

The rhythm of the course was not good. Instructor spent too much time on simple and obvious material but did not elaborate the fine points.
26. What did you like most about this course?
Instructor was good.

27. What did you like least about this course?
Questions on tests tended to be more tricky than actually testing what we were supposed to know. Difficult to obtain extra help, jumped into next semester's material too heavily.
26. What did you like most about this course?

lectures were good.

27. What did you like least about this course?

I'd like to see theory related to practical applications. It is hard to understand theory when I cannot see the use for it. The book is very difficult to follow.
26. What did you like most about this course?

I am more aware of how probability fits into the general scheme of the engineering discipline.

27. What did you like least about this course?

The course was rushed too much at the end of the semester.
26. What did you like most about this course?

The instruction was very good, cares about the students and was overall a cool guy.

27. What did you like least about this course?

The textbook needed much more example problems. Supplementary problems with solutions should be given to students in the future.
26. What did you like most about this course?

The instructor explains everything clearly and very nice.

27. What did you like least about this course?

Sometimes the course lags behind the HW, we have to spend lots of time reading books, figure out how to do it.
26. What did you like most about this course?
The pace of teaching was good
and classes enjoyable.

27. What did you like least about this course?
There were not enough practice
in solving problems.

Some extra tutorial classes for the
purpose of giving practice in solving
problems should be held. This
would give the students a chance
to improve their techniques of solving
the problems.
26. What did you like most about this course?

27. What did you like least about this course?

Need to spend less time reviewing what was covered in previous class period. Pace was a bit slow.
26. What did you like most about this course?

Dr. Cochran's lectures

27. What did you like least about this course?

There were too few examples from the book with answers. This made it difficult to learn the material individually.
26. What did you like most about this course?

The material for random signal processing was taught in a most interesting and educational way and the professor's way of teaching was very good.

27. What did you like least about this course?

The textbook followed for the course was not too helpful in a way, because it had less examples and dealt with the theory more elaborately.
WRITE-IN AREA 1
26. What did you like most about this course?

- THOROUGH AND CLEAR PRESENTATION OF

MATERIAL

WRITE-IN AREA 2
27. What did you like least about this course?

WRITE-IN AREA 3
26. What did you like most about this course?

27. What did you like least about this course?

Tests were long - too long
26. What did you like most about this course?

The lecture is easy to follow and understand.

27. What did you like least about this course?

WRITE-IN AREA 3
26. What did you like most about this course?

THE PRESENTATION WAS WELL DONE WITH RECAPS

27. What did you like least about this course?

THE BOOK WAS SOMETHING CONFUSING & DIFFICULT TO READ AT TIMES

WRITE-IN AREA 3

NEED MORE EXAMPLES OF PROBLEMS THAT ARE MORE LIKE TEST & HOMEWORK INSTEAD OF EASY ONES.
26. What did you like most about this course?

The class was well organized and material was explained in a very clear manner.

27. What did you like least about this course?
26. What did you like most about this course?

- Wide variety of information was used

27. What did you like least about this course?

- Book examples were few, not very good.
- A project to dominate ideas would have been virtual.