THE COURSE

Q1: Textbook/supplementary material in support of the course.
Q2: Value of assigned homework in support of the course topics.
Q3: Value of laboratory experiments/projects in support of the course topics.
Q4: Reasonableness of exams and quizzes in covering course material.
Q5: Weight given to labs or projects, relative to exams and quizzes.
Q6: Weight given to homework assignments, relative to exams and quizzes.
Q7: Definition and application of criteria for grading.

<table>
<thead>
<tr>
<th>Scale</th>
<th>V5</th>
<th>V4</th>
<th>V3</th>
<th>V2</th>
<th>V1</th>
<th>NA</th>
<th>Mean</th>
<th>C.V.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Q1 Freq:</td>
<td>2%</td>
<td>3%</td>
<td>14%</td>
<td>26%</td>
<td>0%</td>
<td></td>
<td>2.58</td>
<td>0.31</td>
</tr>
<tr>
<td>Q2 Freq:</td>
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<td>23%</td>
<td>11%</td>
<td>5%</td>
<td>0%</td>
<td></td>
<td>4.00</td>
<td>0.18</td>
</tr>
<tr>
<td>Q3 Freq:</td>
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<td>52%</td>
<td>4%</td>
<td>0%</td>
<td>33%</td>
<td></td>
<td>3.86</td>
<td>0.23</td>
</tr>
<tr>
<td>Q4 Freq:</td>
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<td>5%</td>
<td>4%</td>
<td>0%</td>
<td>83%</td>
<td></td>
<td>4.04</td>
<td>0.20</td>
</tr>
<tr>
<td>Q5 Freq:</td>
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<td>16%</td>
<td>4%</td>
<td>0%</td>
<td>35%</td>
<td>4.00</td>
<td>0.16</td>
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<tr>
<td>Q6 Freq:</td>
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<td>17%</td>
<td>7%</td>
<td>0%</td>
<td>7%</td>
<td></td>
<td>4.09</td>
<td>0.18</td>
</tr>
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<td>Q7 Freq:</td>
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<td>20%</td>
<td>11%</td>
<td>2%</td>
<td>0%</td>
<td></td>
<td>4.25</td>
<td>0.18</td>
</tr>
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Averages: 20% 33% 16% 10% 22% 3.83
Analysis of Classroom Evaluations

COHRRAN, DOUGLAS

EEE303 A
Credit Hours: 3
Enrollment: 73
Number of Respondents: 46

FA94

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.

Scale

<table>
<thead>
<tr>
<th></th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
</tr>
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<tr>
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<td>11</td>
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<td>0</td>
<td>0</td>
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<tr>
<td>Q9 Freq:</td>
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<td>13</td>
<td>3</td>
<td>0</td>
<td>0</td>
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<tr>
<td>Q10 Freq:</td>
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<td>21</td>
<td>7</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Q11 Freq:</td>
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<td>47</td>
<td>4</td>
<td>2</td>
<td>2</td>
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<td>Q12 Freq:</td>
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<td>4</td>
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<td>Q14 Freq:</td>
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<td>40</td>
<td>4</td>
<td>2</td>
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<td>Q15 Freq:</td>
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<td>4</td>
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<tr>
<td>Q16 Freq:</td>
<td>56</td>
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<td>4</td>
<td>2</td>
<td>0</td>
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Averages

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<tr>
<th></th>
<th>57%</th>
<th>35%</th>
<th>6%</th>
<th>1%</th>
<th>0%</th>
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Mean C.V.

<p>| | | | |</p>
<table>
<thead>
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<th></th>
<th></th>
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</tr>
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<tr>
<td>Q8</td>
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<tr>
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<td>4.58</td>
<td>0.14</td>
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<tr>
<td>Q10</td>
<td>4.29</td>
<td>0.20</td>
<td></td>
</tr>
<tr>
<td>Q11</td>
<td>4.71</td>
<td>0.12</td>
<td></td>
</tr>
<tr>
<td>Q12</td>
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<tr>
<td>Q13</td>
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<td>0.20</td>
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<td>Q14</td>
<td>4.42</td>
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<td>Q15</td>
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<tr>
<td>Q16</td>
<td>4.44</td>
<td>0.16</td>
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</table>

4.48
Analysis of Classroom Evaluations

College of Engineering

EEE303 A                            25927                            COCHRAN, DOUGLAS
Credit Hours: 3                        Co.                            FA94
Enrollment: 73                       Number of Respondents: 46

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>Grade</th>
<th>Freq.</th>
<th>Perc.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>EX</td>
<td>15</td>
</tr>
<tr>
<td></td>
<td>VG</td>
<td>20</td>
</tr>
<tr>
<td></td>
<td>G</td>
<td>12</td>
</tr>
<tr>
<td></td>
<td>F</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>P</td>
<td>0</td>
</tr>
</tbody>
</table>

Mean: 4.09, C.V: 0.19

Q19: Is this a required course in your program of study? Yes: 98%, No: 2%

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></td>
<td>16</td>
<td>16%</td>
</tr>
<tr>
<td></td>
<td>19</td>
<td>42%</td>
</tr>
<tr>
<td></td>
<td>18</td>
<td>40%</td>
</tr>
<tr>
<td></td>
<td>1</td>
<td>2%</td>
</tr>
<tr>
<td></td>
<td>0</td>
<td>0%</td>
</tr>
</tbody>
</table>

Q21: What is your class standing?

<table>
<thead>
<tr>
<th>Grade</th>
<th>Freq.</th>
<th>Perc.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>FR</td>
<td>2%</td>
</tr>
<tr>
<td></td>
<td>SO</td>
<td>0%</td>
</tr>
<tr>
<td></td>
<td>JR</td>
<td>16%</td>
</tr>
<tr>
<td></td>
<td>SR</td>
<td>56%</td>
</tr>
<tr>
<td></td>
<td>GR</td>
<td>3%</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Percentage</th>
<th>Freq.</th>
<th>Perc.</th>
</tr>
</thead>
<tbody>
<tr>
<td>100%</td>
<td>39</td>
<td>87%</td>
</tr>
<tr>
<td>70%</td>
<td>89</td>
<td>11%</td>
</tr>
<tr>
<td>50%</td>
<td>69</td>
<td>1%</td>
</tr>
<tr>
<td>30%</td>
<td>49</td>
<td>0%</td>
</tr>
<tr>
<td>10%</td>
<td>29</td>
<td>0%</td>
</tr>
</tbody>
</table>
26. What did you like most about this course?

The instructor is excellent.

27. What did you like least about this course?

Nothing.
26. What did you like most about this course?

It is finished.

27. What did you like least about this course?

The book is totally irrelevant.
26. What did you like most about this course?

At the end of the course applications were discussed at the beginning of each class.

27. What did you like least about this course?

Applications would have motivated me earlier in the course.

When you write on the board say what you are writing so we can write as we listen and not have to look up as we write.
26. What did you like most about this course?

Dr. Cochran is very good at making his presentations. However, he dances around explaining some things (like negative frequencies).

27. What did you like least about this course?

The book...The book...The book!
Get a book better grounded in either practicality or reality. Good straight math or electrical examples.
WRITE-IN AREA 1

26. What did you like most about this course?

The instructor was competent and generally fair.

WRITE-IN AREA 2

27. What did you like least about this course?

The text! The instructor and the text were not in sync. Although most important material was present by instructor in class, valuable reinforcement from adequate text was sorely missed. Often means to solve H.W. came after it had been handed in.
26. What did you like most about this course?

Teacher was excellent.
Best teacher at ASU.
Always helpful.

- David Hulstedt

27. What did you like least about this course?

Nothing!
26. What did you like most about this course?

Cahlan was a good teacher and went out of his way to be fair and impartial.

27. What did you like least about this course?

The book—few examples, no answers to problems. How do we know if we're doing things right? It shouldn't all fall on the shoulders of the teacher to provide examples.
WRITE-IN AREA 1
26. What did you like most about this course?

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

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

Dr. Cochran is an excellent instructor. He made it fairly easy to learn the material, and was available for help when we had difficulty understanding the material.

27. What did you like least about this course?

Often times the tests were harder than could be expected from homework assignments and practice exams.
26. What did you like most about this course?

27. What did you like least about this course?

I never got a 100 on an exam so I never got a free 6-pack of beer (Bass Ale no loss!)

FOR OFFICE USE ONLY

1  A  B  C  D  E
2  A  B  C  D  E
3  A  B  C  D  E
26. What did you like most about this course?

The instructor, interest and enthusiasm for the material.

27. What did you like least about this course?

There were almost no practice problems to get a better understanding of the material.
26. What did you like most about this course?

27. What did you like least about this course?

the book proved to be useless (I opened it once), the homework was worth too much of the grade.
26. What did you like most about this course?

Instructor clearly presented concepts
Instructor was flexible & helpful

27. What did you like least about this course?

- Textbook too terse; acceptable if you already know the material
- Often the homework & class examples straightforward; while exams contained "curve balls"
26. What did you like most about this course?

_Instructor_

27. What did you like least about this course?

_TeXt BOOK_

_Please change it_

WRITE-IN AREA 3

DO NOT MARK IN THIS SHADED AREA

FOR OFFICE USE ONLY

1 A B C D E

2 A B C D E

3 A B C D E

DO NOT MARK IN THIS SHADED AREA

NATIONAL COMPUTER SYSTEMS
26. What did you like most about this course?

Material and lecture

27. What did you like least about this course?

Tests difficult

Make practice tests more difficult.

Test less difficult.
26. What did you like most about this course?

Start signal processing theory for DSP

27. What did you like least about this course?

The book -

Get a book with more problems so that odd number problems have answers. This allows students to practice & get techniques perfected before tests & homework.

WRITE-IN AREA 3

2 good examples are the books for static & dynamics by

Unsquare.
26. What did you like most about this course?

Instructor Related course Material to Applications.

27. What did you like least about this course?

The textbook is lousy. It needs more examples.
26. What did you like most about this course?

Instructor was enthusiastic & helpful. I liked his manner of teaching; I wouldn't change anything.

27. What did you like least about this course?

Text book. It was confusing.
26. What did you like most about this course?

Dr. Cosgrove is one of the best instructors I have had in both undergraduate and graduate studies.

27. What did you like least about this course?

The book.
26. What did you like most about this course? Lecture

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

27. What did you like least about this course?

THE INSTRUCTOR AND TA WERE EXCELLENT.
26. What did you like most about this course?

Good articulate teacher
knows his material
Easy to understand

27. What did you like least about this course?

Textbook!!!!!!
26. What did you like most about this course?

27. What did you like least about this course?

The test kind of little of from what's expected.
26. What did you like most about this course?

Dr. Cochran was very helpful and it was much appreciated.

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

Plenty of homework assignments, and having review sessions in addition to daily classes.

27. What did you like least about this course?

The book needs more examples, better outlining and straight to the point definitions, then have additional info added at the end of the chapter. Teacher needs to improve method of getting his ideas across more clearly.