

Analysis of Classroom Evaluations  
C O L L E G E o f E N G I N E E R I N G

EEE 550XAF  
Credit Hours: 3  
Enrollment: 2

74194  
Number of Respondents: 22 FA90

DOUGLAS COCHRAN

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

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THE COURSE  
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- 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.

| Scale    | 5-----4-----3-----2-----0 | VG-----G-----F-----P-----NA | Mean | C.V. |     |      |      |
|----------|---------------------------|-----------------------------|------|------|-----|------|------|
| Q1 Freq: | 2                         | 6                           | 4    | 4    | 5   | 3.38 | 0.30 |
| Q1 Perc: | 10%                       | 29%                         | 19%  | 19%  | 24% |      |      |
| Q2 Freq: | 8                         | 10                          | 3    | 1    | 0   | 4.14 | 0.20 |
| Q2 Perc: | 36%                       | 45%                         | 14%  | 5%   | 0%  |      |      |
| Q3 Freq: | 2                         | 5                           | 1    | 0    | 11  | 4.13 | 0.16 |
| Q3 Perc: | 11%                       | 26%                         | 5%   | 0%   | 58% |      |      |
| Q4 Freq: | 6                         | 14                          | 1    | 1    | 0   | 4.14 | 0.17 |
| Q4 Perc: | 27%                       | 64%                         | 5%   | 5%   | 0%  |      |      |
| Q5 Freq: | 5                         | 7                           | 0    | 0    | 9   | 4.42 | 0.12 |
| Q5 Perc: | 24%                       | 33%                         | 0%   | 0%   | 43% |      |      |
| Q6 Freq: | 7                         | 12                          | 2    | 1    | 0   | 4.14 | 0.19 |
| Q6 Perc: | 32%                       | 55%                         | 9%   | 5%   | 0%  |      |      |
| Q7 Freq: | 7                         | 13                          | 2    | 0    | 0   | 4.23 | 0.14 |
| Q7 Perc: | 32%                       | 59%                         | 9%   | 0%   | 0%  |      |      |
| Averages | 24%                       | 44%                         | 9%   | 5%   | 18% | 4.08 |      |

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

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THE INSTRUCTOR  
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- 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     | 5-----4-----3-----2-----1 | A-----B-----C-----D-----E | Mean | C.V. |    |      |      |
|-----------|---------------------------|---------------------------|------|------|----|------|------|
| Q8 Freq:  | 17                        | 5                         | 0    | 0    | 0  | 4.77 | 0.09 |
| Q8 Perc:  | 77%                       | 23%                       | 0%   | 0%   | 0% |      |      |
| Q9 Freq:  | 13                        | 9                         | 0    | 0    | 0  | 4.59 | 0.11 |
| Q9 Perc:  | 59%                       | 41%                       | 0%   | 0%   | 0% |      |      |
| Q10 Freq: | 10                        | 9                         | 3    | 0    | 0  | 4.32 | 0.17 |
| Q10 Perc: | 45%                       | 41%                       | 14%  | 0%   | 0% |      |      |
| Q11 Freq: | 19                        | 3                         | 0    | 0    | 0  | 4.86 | 0.07 |
| Q11 Perc: | 86%                       | 14%                       | 0%   | 0%   | 0% |      |      |
| Q12 Freq: | 10                        | 12                        | 0    | 0    | 0  | 4.45 | 0.11 |
| Q12 Perc: | 45%                       | 55%                       | 0%   | 0%   | 0% |      |      |
| Q13 Freq: | 8                         | 7                         | 6    | 0    | 0  | 4.10 | 0.20 |
| Q13 Perc: | 38%                       | 33%                       | 29%  | 0%   | 0% |      |      |
| Q14 Freq: | 10                        | 11                        | 1    | 0    | 0  | 4.41 | 0.13 |
| Q14 Perc: | 45%                       | 50%                       | 5%   | 0%   | 0% |      |      |
| Q15 Freq: | 12                        | 9                         | 1    | 0    | 0  | 4.50 | 0.13 |
| Q15 Perc: | 55%                       | 41%                       | 5%   | 0%   | 0% |      |      |
| Q16 Freq: | 1                         | 8                         | 12   | 1    | 0  | 3.41 | 0.20 |
| Q16 Perc: | 5%                        | 36%                       | 55%  | 5%   | 0% |      |      |
| Averages  | 51%                       | 37%                       | 12%  | 1%   | 0% | 4.38 |      |

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

|           | EX----- | VG----- | G----- | F----- | P  | Mean | C.V. |
|-----------|---------|---------|--------|--------|----|------|------|
| Q17 Freq: | 9       | 11      | 1      | 1      | 0  | 4.27 | 0.18 |
| Q17 Perc: | 41%     | 50%     | 5%     | 5%     | 0% |      |      |
| Q18 Freq: | 3       | 13      | 6      | 0      | 0  |      | 0.17 |
| Q18 Perc: | 14%     | 59%     | 27%    | 0%     | 0% |      |      |

Q19: Is this a required course in your program of study?      Yes      No  
55%      45%

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

|           | 16----- | 8----- | 4----- | 2----- | 1  |
|-----------|---------|--------|--------|--------|----|
| Q20 Freq: | 2       | 12     | 6      | 2      | 0  |
| Q20 Perc: | 9%      | 55%    | 27%    | 9%     | 0% |

Q21: What is your class standing?

|           | FR----- | SO----- | JR----- | SR----- | GR   |
|-----------|---------|---------|---------|---------|------|
| Q21 Freq: | 0       | 0       | 0       | 0       | 22   |
| Q21 Perc: | 0%      | 0%      | 0%      | 0%      | 100% |

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

|           | 90-<br>100 | 70-<br>89 | 50-<br>69 | 30-<br>49 | 10-<br>29 |
|-----------|------------|-----------|-----------|-----------|-----------|
| Q22 Freq: | 22         | 0         | 0         | 0         | 0         |
| Q22 Perc: | 100%       | 0%        | 0%        | 0%        | 0%        |

WRITE-IN AREA 1

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

*only 3 homework assignments ;*

WRITE-IN AREA 2

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

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



WRITE-IN AREA 1

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

*homework topic*

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WRITE-IN AREA 2

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

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WRITE-IN AREA 3

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- |   |     |     |     |     |     |
|---|-----|-----|-----|-----|-----|
| 1 | (A) | (B) | (C) | (D) | (E) |
| 2 | (A) | (B) | (C) | (D) | (E) |
| 3 | (A) | (B) | (C) | (D) | (E) |

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WRITE-IN AREA 1

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

Fourier Transform

WRITE-IN AREA 2

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

Basic mathematics

WRITE-IN AREA 3

It is need good test book

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| 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

WRITE-IN AREA 1

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

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WRITE-IN AREA 2

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

The examples given in class were very easy, and then the homework was very complex. The homework was given too much weight in the overall course grade. It is a serious disadvantage for the student who tries

WRITE-IN AREA 3

to do the assignments by themselves, and not in a group. I feel I learn the most this way, but I may not score as high on the assignments. This isn't right.

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- |   |     |     |     |     |     |
|---|-----|-----|-----|-----|-----|
| 1 | (A) | (B) | (C) | (D) | (E) |
| 2 | (A) | (B) | (C) | (D) | (E) |
| 3 | (A) | (B) | (C) | (D) | (E) |

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WRITE-IN AREA 1

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

*The instructor,*

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WRITE-IN AREA 2

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

*The fact that it used to not have  
a midterm or final and now it does.*

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WRITE-IN AREA 3

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|   |     |     |     |     |     |
|---|-----|-----|-----|-----|-----|
| 1 | (A) | (B) | (C) | (D) | (E) |
| 2 | (A) | (B) | (C) | (D) | (E) |
| 3 | (A) | (B) | (C) | (D) | (E) |

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ONLY 2 EXAMS.

OCCASIONALLY SPENT TOO MUCH TIME ON FUNDAMENTAL ISSUES. THIS IS A 500 LEVEL COURSE AND PEOPLE IN IT SHOULD ALREADY KNOW THE FUNDAMENTAL ISSUES. THIS WASTES A LOT OF TIME AND TAKES AWAY FROM COVERING MORE COURSE MATERIAL THAT WE DON'T KNOW YET.

A PRIME EXAMPLE IS SPENDING ALMOST  $\frac{1}{2}$  THE PERIOD ON OPEN AND CLOSED INTERVALS. WE LEARNED THAT YEARS AGO AND SOMEONE WHO DOESN'T KNOW ABOUT IT NOW SHOULDN'T BE IN A E.E. GRAD. CLASS. IN ADDITION, I THINK A CONSIDERABLE AMOUNT OF TIME IS WASTED ON "LAST TIME". IT IS ALMOST 15 MIN. INTO CLASS BEFORE WE BEGIN SOMETHING NEW. I FEEL THAT MUCH MORE COURSE MATERIAL COULD HAVE BEEN COVERED BY NOW IF THE TIME WAS USED WISELY.

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- |   |     |     |     |     |     |
|---|-----|-----|-----|-----|-----|
| 1 | (A) | (B) | (C) | (D) | (E) |
| 2 | (A) | (B) | (C) | (D) | (E) |
| 3 | (A) | (B) | (C) | (D) | (E) |

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WRITE-IN AREA 1

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

Prof. Cochran was very personable and made the class more enjoyable. His enthusiasm is very encouraging.

WRITE-IN AREA 2

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

Not enough problem solving.

WRITE-IN AREA 3

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|   |     |     |     |     |     |
|---|-----|-----|-----|-----|-----|
| 1 | (A) | (B) | (C) | (D) | (E) |
| 2 | (A) | (B) | (C) | (D) | (E) |
| 3 | (A) | (B) | (C) | (D) | (E) |

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WRITE-IN AREA 1

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

The instructor is well prepared and have  
a great intuitive knowledge of math  
that made the course enjoyable.  
I learned a lot in this course

WRITE-IN AREA 2

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

Blank lined area for writing the answer to question 27.

WRITE-IN AREA 3

Blank area for writing the answer to question 27.

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|   |     |     |     |     |     |
|---|-----|-----|-----|-----|-----|
| 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

WRITE-IN AREA 1

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

*The instructor is very enthusiastic  
and helpful on the course subject.  
The theory of the course has many  
possible applications.*

WRITE-IN AREA 2

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

*Would prefer more problems or examples  
to work on for subjects to be covered on  
the exam.*

WRITE-IN AREA 3

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