

EEE 554 Cochran Instructor Evaluation Spring 2017

Instructor Douglas Cochran
Course No 29331
Response 25/32 **78.13%**

Part 1: Student Evaluation of the Course

1 Textbook/supplementary material in support of the course.

Response	Count	Per
Very Good	12	48.00%
Good	7	28.00%
Fair	4	16.00%
Poor	1	4.00%
Not Applicable	1	4.00%
Avg 4.25		

2 Value of assigned homework in support of course topics.

Response	Count	Per
Very Good	21	84.00%
Good	4	16.00%
Fair	0	0.00%
Poor	0	0.00%
Not Applicable	0	0.00%
Avg 4.84		

3 Value of laboratory assignments/projects in support of the course topics.

Response	Count	Per
Very Good	15	60.00%
Good	0	0.00%
Fair	1	4.00%
Poor	0	0.00%
Not Applicable	9	36.00%
Avg 4.88		

4 Reasonableness of exams and quizzes in covering course material.

Response	Count	Per
Very Good	18	72.00%
Good	4	16.00%
Fair	3	12.00%
Poor	0	0.00%
Not Applicable	0	0.00%
Avg 4.60		

5 Weight given to labs or projects, relative to exams and quizzes.		
Response	Count	Per
Very Good	14	56.00%
Good	2	8.00%
Fair	0	0.00%
Poor	1	4.00%
Not Applicable	8	32.00%
Avg 4.71		
6 Weight given to homework assignments, relative to exams and quizzes.		
Response	Count	Per
Very Good	18	72.00%
Good	5	20.00%
Fair	0	0.00%
Poor	2	8.00%
Not Applicable	0	0.00%
Avg 4.56		
7 Definition and application of criteria for grading.		
Response	Count	Per
Very Good	18	72.00%
Good	3	12.00%
Fair	4	16.00%
Poor	0	0.00%
Not Applicable	0	0.00%
Avg 4.56		
Part 1 Overall Avg: 4.63		
Part 2: Student Evaluation of Instructor		
8 The instructor was well prepared.		
Response	Count	Per
Almost Always	23	92.00%
Usually	2	8.00%
50% of the time	0	0.00%
Occasionally	0	0.00%
Almost Never	0	0.00%
Avg 4.92		
9 The instructor communicated ideas clearly.		
Response	Count	Per
Almost Always	22	88.00%

Usually	3	12.00%
50% of the time	0	0.00%
Occasionally	0	0.00%
Almost Never	0	0.00%
Avg 4.88		

10 The instructor or assistants were available for outside assistance.

Response	Count	Per
Almost Always	23	92.00%
Usually	0	0.00%
50% of the time	1	4.00%
Occasionally	0	0.00%
Almost Never	1	4.00%
Avg 4.76		

11 The instructor exhibited enthusiasm for and interest in the subject.

Response	Count	Per
Almost Always	24	96.00%
Usually	1	4.00%
50% of the time	0	0.00%
Occasionally	0	0.00%
Almost Never	0	0.00%
Avg 4.96		

12 The instructor's approach stimulated student thinking.

Response	Count	Per
Almost Always	20	80.00%
Usually	4	16.00%
50% of the time	1	4.00%
Occasionally	0	0.00%
Almost Never	0	0.00%
Avg 4.76		

13 The instructor related course material to its applications.

Response	Count	Per
Almost Always	20	80.00%
Usually	3	12.00%
50% of the time	1	4.00%
Occasionally	1	4.00%
Almost Never	0	0.00%
Avg 4.68		

14 The instructor's methods of presentation supported student learning.

Response	Count	Per
Almost Always	21	84.00%
Usually	3	12.00%
50% of the time	1	4.00%
Occasionally	0	0.00%
Almost Never	0	0.00%
Avg 4.80		

15 The instructor's grading was fair, impartial, and adequate.

Response	Count	Per
Almost Always	20	80.00%
Usually	4	16.00%
50% of the time	1	4.00%
Occasionally	0	0.00%
Almost Never	0	0.00%
Avg 4.76		

16 The instructor returned graded materials within a reasonable period.

Response	Count	Per
Almost Always	23	92.00%
Usually	2	8.00%
50% of the time	0	0.00%
Occasionally	0	0.00%
Almost Never	0	0.00%
Avg 4.92		

Part 2 Overall Avg: 4.83**Overall Evaluation of the Course and Instructor****17 Overall quality of the course and instruction.**

Response	Count	Per
Excellent	19	76.00%
Very Good	6	24.00%
Good	0	0.00%
Fair	0	0.00%
Poor	0	0.00%
Avg 4.76		

18 How do you rate yourself as a student in this course?

Response	Count	Per
Excellent	9	36.00%
Very Good	7	28.00%
Good	9	36.00%

Fair	0	0.00%
Poor	0	0.00%
Avg 4.00		

General Information

19 Is this a required course in your program of study?

Response	Count	Per
Yes	20	80.00%
No	5	20.00%

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

Response	Count	Per
1	0	0.00%
2	3	12.00%
4	6	24.00%
8	13	52.00%
16	3	12.00%

21 What is your class standing?

Response	Count	Per
Graduate Student	25	100.00%
Senior	0	0.00%
Junior	0	0.00%
Sophomore	0	0.00%
Freshman	0	0.00%

22 What % of the class meetings have you attended?

Response	Count	Per
10 to 29	0	0.00%
30 to 49	1	4.00%
50 to 69	1	4.00%
70 to 89	3	12.00%
90 to 100	20	80.00%

23 What did you like most about this course?

The practical applications of the materials

Excellent teaching by the professor.

1. Teaching style of Dr. Cochran
2. Assignments and exams are good and help a lot in learning
3. Instructor's notes are excellent reference
4. Professor always ensured that we have good basics of signals and relevant math in order to be successful with random variables and stochastic processes

5. This list may not even end ...

This was a further step of statistical analysis that I really enjoyed learning about and would open doors towards more complex engineering statistical methods. As a follow-on course to the undergraduate statistics course, it satisfactorily reviewed the previous material and added new tools and methods that become useful in more advanced signal analysis topics.

The professor

He has a decent background in EE and Signal Processing which helps to teach this course "Random Signal Theory".

instructor knows the material well and can explain it well

it is useful. lecture is clear and interesting

Cochran is a professor with a lot of concepts, the best thing about the class is we could learn stuff required for communications, signal processing as well as we can learn MATLAB.

Professor is really nice and patient. He is good at explaining the concepts

He is just awesome in every aspect

The teaching style, the material covered

The course covers all the prerequisites and creates a solid base for numerous other subjects

The course is very good and kind of important for the first semester.

The course is more like mathematics and it stimulates self thinking. It's very interesting. The professor's notes are very helpful and his mode of exams dont push us to by heart equations and formulas.

24 What did you like least about this course?

The lack of assignments. there are only a very few heavily-weighted assignments that determining your grade for the course

1. Bad Textbook (Dr. Cochran already pointed out this before and this problem is usually observed with book Papoulis and Pillai in offerings from other instructors. But, still, we should have some other good book for further reference and practice)
2. Although assignments are really good, it would be great if we can get more sample problems to solve and have some more hands-on (this is more alike #1 mentioned above)

The lengthy tests

The overall content of the course was extremely mathematics heavy, which I wish I was warned about before signing up for it. I would have preferred the course be taught more from an application perspective - focusing on signals and real-world analysis instead of being nearly purely mathematical in nature. However, the few MatLab based problems we had on the homework assignments gave insight into the practical applications of the material we learned.

I am not interested in the content

Some of the homework questions were difficult :)
nothing
much homework...haha
-
Everything is good
Nothing indeed.
Didn't get much help from the prescribed textbook and would like it to be changed to something more useful
Everything was fine for me .
25 Comments
The instructor could add more homework assignments to the course to help smooth out "bad days"
Overall a good course by must take instructor!
Great class, good instruction. Seems a bit difficult for an entry level grad class
Overall I really enjoyed being in the class, and would like to have learned it without the stress of getting a good grade. The material is very difficult to someone who doesn't have a strong mathematics background, but the applications of the material are extremely important in many electrical engineering disciplines.
great instructor
it is fantastic
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I will recommend my friends to choose the class
Great teacher. Would love to take more courses by Dr. Cochran
The instructor is an absolute gem. Although he says he wants to retire soon, I believe students like me will always strive for an instructor like him.
The professor is really good and solves all your doubts but sets a difficult paper.
The quality of assignments and exams are excellent.