

EEE 554 Instructor Evaluation Fall 2006

Douglas Cochran

SLN: 26848

43/53 **81.13%**

Part 1: Student Evaluation of the Course

1 Textbook/supplementary material in support of the course.

Response	Count	Per
Very Good	7	16.28%
Good	16	37.21%
Fair	9	20.93%
Poor	11	25.58%
Not Applicable	0	0.00%
Avg		3.44

2 Value of assigned homework in support of course topics.

Response	Count	Per
Very Good	21	48.84%
Good	19	44.19%
Fair	1	2.33%
Poor	2	4.65%
Not Applicable	0	0.00%
Avg		4.37

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

Response	Count	Per
Very Good	6	13.95%
Good	9	20.93%
Fair	1	2.33%
Poor	1	2.33%
Not Applicable	26	60.47%
Avg		4.18

4 Reasonableness of exams and quizzes in covering course material.

Response	Count	Per
Very Good	22	51.16%
Good	13	30.23%
Fair	4	9.30%
Poor	4	9.30%
Not Applicable	0	0.00%
Avg		4.23

5 Weight given to labs or projects, relative to exams and quizzes.

Response	Count	Per
Very Good	6	13.95%
Good	9	20.93%
Fair	3	6.98%
Poor	0	0.00%
Not Applicable	25	58.14%
Avg		4.17

6 Weight given to homework assignments, relative to exams and quizzes.

Response	Count	Per
Very Good	17	39.53%
Good	21	48.84%
Fair	4	9.30%
Poor	0	0.00%
Not Applicable	1	2.33%
Avg		4.31

7 Definition and application of criteria for grading.

Response	Count	Per
Very Good	23	53.49%

Good	13	30.23%
Fair	6	13.95%
Poor	1	2.33%
Not Applicable	0	0.00%
Avg 4.35		
Part 1 Overall Avg: 4.15		
Part 2: Student Evaluation of Instructor		
8 The instructor was well prepared.		
Response	Count	Per
Almost Always	29	67.44%
Usually	10	23.26%
50% of the time	3	6.98%
Occasionally	1	2.33%
Almost Never	0	0.00%
Avg 4.56		
9 The instructor communicated ideas clearly.		
Response	Count	Per
Almost Always	32	74.42%
Usually	10	23.26%
50% of the time	0	0.00%
Occasionally	0	0.00%
Almost Never	1	2.33%
Avg 4.67		
10 The instructor or assistants were available for outside assistance.		
Response	Count	Per
Almost Always	28	65.12%
Usually	14	32.56%
50% of the time	1	2.33%
Occasionally	0	0.00%
Almost Never	0	0.00%
Avg 4.63		
11 The instructor exhibited enthusiasm for and interest in the subject.		
Response	Count	Per
Almost Always	36	83.72%
Usually	6	13.95%
50% of the time	0	0.00%
Occasionally	0	0.00%
Almost Never	1	2.33%
Avg 4.77		
12 The instructor's approach stimulated student thinking.		
Response	Count	Per
Almost Always	30	69.77%
Usually	12	27.91%
50% of the time	0	0.00%
Occasionally	0	0.00%
Almost Never	1	2.33%
Avg 4.63		
13 The instructor related course material to its applications.		
Response	Count	Per
Almost Always	28	65.12%
Usually	8	18.60%
50% of the time	6	13.95%
Occasionally	0	0.00%
Almost Never	1	2.33%
Avg 4.44		
14 The instructor's methods of presentation supported student learning.		
Response	Count	Per

<table border="1"> <tbody> <tr> <td>Almost Always</td> <td>28</td> <td>65.12%</td> </tr> <tr> <td>Usually</td> <td>8</td> <td>18.60%</td> </tr> <tr> <td>50% of the time</td> <td>6</td> <td>13.95%</td> </tr> <tr> <td>Occasionally</td> <td>0</td> <td>0.00%</td> </tr> <tr> <td>Almost Never</td> <td>1</td> <td>2.33%</td> </tr> <tr> <td colspan="3" style="text-align: center;">Avg 4.44</td> </tr> </tbody> </table>	Almost Always	28	65.12%	Usually	8	18.60%	50% of the time	6	13.95%	Occasionally	0	0.00%	Almost Never	1	2.33%	Avg 4.44					
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15 The instructor's grading was fair, impartial, and adequate.																					
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16 The instructor returned graded materials within a reasonable period.																					
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Part 2 Overall Avg: 4.61																					
Overall Evaluation of the Course and Instructor																					
17 Overall quality of the course and instruction.																					
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18 How do you rate yourself as a student in this course?																					
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General Information																					
19 Is this a required course in your program of study?																					
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Response	Count	Per																			
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20 What are the average hours/week spent studying for this course?																					
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21 What is your class standing?																					
<table border="1"> <thead> <tr> <th>Response</th> <th>Count</th> <th>Per</th> </tr> </thead> <tbody> <tr> <td>Graduate Student</td> <td>42</td> <td>97.67%</td> </tr> <tr> <td>Senior</td> <td>1</td> <td>2.33%</td> </tr> <tr> <td>Junior</td> <td>0</td> <td>0.00%</td> </tr> </tbody> </table>	Response	Count	Per	Graduate Student	42	97.67%	Senior	1	2.33%	Junior	0	0.00%									
Response	Count	Per																			
Graduate Student	42	97.67%																			
Senior	1	2.33%																			
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	1	2.33%
30 to 49	0	0.00%
50 to 69	0	0.00%
70 to 89	3	6.98%
90 to 100	39	90.70%
23 What did you like most about this course?		
The instructor's delivery method.		
The applicability to real time problems		
The instructor - Dr. Cochran is absolutely fabulous. His method of presenting topics and ideas is superb. His tests and assignments stimulate thinking. He is extremely helpful during office hour and while answering doubts. This course has created a whole new fascination and appreciation for the subject.		
The material presented was very intuitive and gave a great beginning to my learning towards research. It provided more stress on understanding concepts and I liked that.		
I also learned interpretations of the methods we are using.		
This course is a very important course, it gave clear insight into the statistical aspects of signal processing.		
I thought the learning environment was excellent, Prof. Cochran usually was prepared to discuss the relevant material in an easily understandable matter.		
Insight. Something which I would find difficult to get from a book. I learnt quite a bit in the classes and in doing the assignments.		
the way random signal theory course was presented to us was marvellous. it was a dream come true to study it under Dr. Cochran who made the subject very very interesting and not to mention very practical oriented.		
What I liked the most about the course is the enthusiasm with which the professor teaches the course.		
Professor Cochran is the best.		
This course was well edited to cover more practically useful situations and topics		
Excellent way of teaching. Practise problems etc Simplifies material to a digestible level		
I think the Professor did a very good job of relating the topic to practical today applications. The topic can be very difficult and one can get buried in the math and still not understand why this is used in real life. Dr. Cochran did an excellent job at maintaining the focus of the course. He explained these difficult and abstract math concepts in down to earth terms a practicing engineer can relate to and understand the importance of the concepts.		
Interesting		
It helped me understand the basics		
The practical applications and out of box thinking about the problem.		
Challenging exams		
Although it "seems" to be something abstract, this course in fact is more closer to the practical issues of the signal processing and communications than is any other.		
Maximum emphasis of the course was on developing the basics, so all complex problems could be analysed using the basics.		
Mathematics part of the course was good and interesting.		

The professor's teaching methods and the way he conducts himself in the classes to capture students interest.
Professor Cochran is amazing. The way he presents concepts is excellent. His grading scheme is also good.
24 What did you like least about this course?
The tests were a bit long, but the grading took this into account.
The textbook - Not a good book for a first reading on the subject. However the supplementary books and class material made up for that.
Nothing in particular
Exams were unreasonable
but it lacked good reference materials. The prescribed textbook did not have very good / clear coverage of the topics discussed. More applications or projects involving application of the theory in this course would help better.
Often the Prof. was unreachable (especially before the 2nd exam) and/or out of town. Also, the exams seemed to test more calculus skills and ability to perform mathematical 'tricks' than necessary.
When other teachers substituted for Dr. Cochran, the flow would be broken and we would have had to re-invest the time in another class to redo the concepts!
nothing
The textbook material is not good enough to get a good understanding.
The textbook.
The course, though most necessary, was sometimes boring to read. There is not "good" book that clearly aids learning. The prescribed tectbook is not at all helpful for first time learners.
The textbook chosen was so cryptic. It would have helped if more problems had been solved in class.
The homework problems and the support material were not adequate for the exams Too many instructors substituting.
We covered a lot of topics in this course of 9 weeks. I think was a little too fast but I think this is a lacking skill on my part. Some of the substitute teachers were horrible. Dr. Cochran manage to summarize their 11/2 hour lecture in about 10 minutes in the next lecture.
I really break my head trying to understand his exams. He could make it closed book system.
Insufficient course material
demands a lot of time
I learned the concepts undoubtedly. But i would like a better text be used for this course. Also i would like to have tons of more practice problems with answers (no solutions). Even a standard text should be fine.
First of all there was no refernce material that was made available to us other than the class notes which usually were too vague. There was no particular text book followed which made it even harder to work . The degree of difficulty of problems in the assignments and the exam were a complete mismatch. The assignmenets were fairly too easy leaving us completely non antiaptive of what might come in the exam, which usually were very hard.
Not many example problems were done in class. Even mid-terms were too lengthy.
The exams were not balanced.
25 Comments
nil
Course materials and homework are not enough to be prepared for exams.

<p>[1]The exam questions could have been clearer in wording.</p> <p>[2]:The reference book was very good but there was only one copy in the library and it was on reserve for a 3 day checkout which really made it difficult to study concepts in-depth.Maybe the check-out period could have been extended to a week.</p>
<p>Amazing course. Amazing Professor. Course material are very good. a life time experience to study under Dr. Cochran</p>
<p>Dr. Cochran is an excellent instructor. He helped in dealing with the coursework a lot.</p>
<p>The only thing that needs to change about the course is the textbook. Suggestion:"Introduction to Probability" - Dimitri Bertsekas, Tsitsiklis; Athena publications</p>
<p>The course was taught well and the ideas were communicated properly.</p>
<p>Dr Cochran is a very talented teacher. He manages to convey the applications of this tough subject and provide many good and intuitive insights to the subject. I enjoyed his lectures immensely and manage to like random signals after this class.</p>
<p>Hes fun and very communicative, very impartial, helpful, full of energy, overall one of the best I have seen till now.</p>
<p>Its a must take course under Dr.Cochran .</p>
<p>Very good stimulation and homework, but less problems. If I would have known what part of the topic to be studied from which book, it would have helped me a lot.</p>
<p>Dr.cochran is one of the very best.</p>
<p>overall the course is excellent.</p>
<p>Exams are tough and grading needs to be easy.Unless grading is made easy,its tough to get an A in this course cause the exams are mathematically challenging.</p>