

## EEE 556 Cochran Instructor Evaluation Fall 2016

Instructor Douglas Cochran

Course No 87761

Response 16/36 **44.44%**

### Part 1: Student Evaluation of the Course

#### 1 Textbook/supplementary material in support of the course.

Response	Count	Per
Very Good	10	62.50%
Good	5	31.25%
Fair	0	0.00%
Poor	0	0.00%
Not Applicable	1	6.25%
Avg <b>4.67</b>		

#### 2 Value of assigned homework in support of course topics.

Response	Count	Per
Very Good	14	87.50%
Good	2	12.50%
Fair	0	0.00%
Poor	0	0.00%
Not Applicable	0	0.00%
Avg <b>4.88</b>		

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

Response	Count	Per
Very Good	6	37.50%
Good	3	18.75%
Fair	0	0.00%
Poor	0	0.00%
Not Applicable	7	43.75%
Avg <b>4.67</b>		

#### 4 Reasonableness of exams and quizzes in covering course material.

Response	Count	Per
Very Good	8	50.00%
Good	8	50.00%
Fair	0	0.00%
Poor	0	0.00%
Not Applicable	0	0.00%
Avg <b>4.50</b>		

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

Response	Count	Per
Very Good	6	37.50%
Good	2	12.50%
Fair	0	0.00%
Poor	0	0.00%
Not Applicable	8	50.00%
Avg <b>4.75</b>		

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

Response	Count	Per
Very Good	10	62.50%
Good	6	37.50%

	Fair	0	0.00%
	Poor	0	0.00%
	Not Applicable	0	0.00%
	Avg <b>4.63</b>		
<b>7</b>	<b>Definition and application of criteria for grading.</b>		
	Response	Count	Per
	Very Good	8	50.00%
	Good	7	43.75%
	Fair	1	6.25%
	Poor	0	0.00%
	Not Applicable	0	0.00%
	Avg <b>4.44</b>		
<b>Part 1 Overall Avg: 4.65</b>			
<b>Part 2: Student Evaluation of Instructor</b>			
<b>8</b>	<b>The instructor was well prepared.</b>		
	Response	Count	Per
	Almost Always	13	81.25%
	Usually	3	18.75%
	50% of the time	0	0.00%
	Occasionally	0	0.00%
	Almost Never	0	0.00%
	Avg <b>4.81</b>		
<b>9</b>	<b>The instructor communicated ideas clearly.</b>		
	Response	Count	Per
	Almost Always	14	87.50%
	Usually	2	12.50%
	50% of the time	0	0.00%
	Occasionally	0	0.00%
	Almost Never	0	0.00%
	Avg <b>4.88</b>		
<b>10</b>	<b>The instructor or assistants were available for outside assistance.</b>		
	Response	Count	Per
	Almost Always	11	68.75%
	Usually	5	31.25%
	50% of the time	0	0.00%
	Occasionally	0	0.00%
	Almost Never	0	0.00%
	Avg <b>4.69</b>		
<b>11</b>	<b>The instructor exhibited enthusiasm for and interest in the subject.</b>		
	Response	Count	Per
	Almost Always	14	87.50%
	Usually	2	12.50%
	50% of the time	0	0.00%
	Occasionally	0	0.00%
	Almost Never	0	0.00%
	Avg <b>4.88</b>		
<b>12</b>	<b>The instructor's approach stimulated student thinking.</b>		
	Response	Count	Per
	Almost Always	14	87.50%
	Usually	2	12.50%

50% of the time	0	0.00%
Occasionally	0	0.00%
Almost Never	0	0.00%
<b>Avg 4.88</b>		

**13 The instructor related course material to its applications.**

Response	Count	Per
Almost Always	13	81.25%
Usually	3	18.75%
50% of the time	0	0.00%
Occasionally	0	0.00%
Almost Never	0	0.00%
<b>Avg 4.81</b>		

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

Response	Count	Per
Almost Always	14	87.50%
Usually	2	12.50%
50% of the time	0	0.00%
Occasionally	0	0.00%
Almost Never	0	0.00%
<b>Avg 4.88</b>		

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

Response	Count	Per
Almost Always	13	81.25%
Usually	3	18.75%
50% of the time	0	0.00%
Occasionally	0	0.00%
Almost Never	0	0.00%
<b>Avg 4.81</b>		

**16 The instructor returned graded materials within a reasonable period.**

Response	Count	Per
Almost Always	6	37.50%
Usually	9	56.25%
50% of the time	1	6.25%
Occasionally	0	0.00%
Almost Never	0	0.00%
<b>Avg 4.31</b>		

**Part 2 Overall Avg: 4.77****Overall Evaluation of the Course and Instructor****17 Overall quality of the course and instruction.**

Response	Count	Per
Excellent	12	75.00%
Very Good	4	25.00%
Good	0	0.00%
Fair	0	0.00%
Poor	0	0.00%
<b>Avg 4.75</b>		

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

Response	Count	Per
Excellent	4	25.00%
Very Good	6	37.50%

Good	5	31.25%
Fair	1	6.25%
Poor	0	0.00%
Avg <b>3.81</b>		

## General Information

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

Response	Count	Per
Yes	11	68.75%
No	5	31.25%

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

Response	Count	Per
1	0	0.00%
2	0	0.00%
4	2	12.50%
8	11	68.75%
16	3	18.75%

### 21 What is your class standing?

Response	Count	Per
Graduate Student	16	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	0	0.00%
50 to 69	0	0.00%
70 to 89	0	0.00%
90 to 100	16	100.00%

### 23 What did you like most about this course?

I like the clarity of the presentation of material and the advantages of the homework assignment

The way Dr. Cochran puts forward the ideas in the most beneficial way(real-world applications). His teaching prepares student or at least gives an intuitive on how to deal with detection and estimation in communications.

The instructor was always enthusiastic about the material, and undoubtedly very knowledgeable on all the subjects. Lectures were always engaging.

Cochran is a great teacher in every aspect; from organization, material, presentation, assignments/tests, etc.

The teaching is awesome

It is a part of every research I do since it all boils down to probability of detection and false alarm.

The material

I liked how there's just one objective to detection (i.e to detect a signal) but there are so many different scenarios to consider and how the detection problem is different in each of the scenarios. The homework problems assigned during the class are probably the best kind of problems which need a lot of time and thinking to solve and thus helped me understand the concepts in a better way. The MATLAB problems were based on practical problems and highlighted the use-cases of detection theory.

### 24 What did you like least about this course?

The length of the homework assignments

As a beginning graduate student, though I have taken the required pre-requisites, the course was very challenging and took a while to get a hold of. Many times I felt myself looking up material that needed to be known by heart already. This is not at the fault of the course/instructor, but just the nature of the material.

n/a

There's nothing I didn't like about the course. I enjoyed the course.

**25** **Comments**

The coursework is great. It would be greatly beneficial if more on topics "Detection of Common signal in multiple channels"

Since there certainly wouldn't be enough time to go over needed pre-requisite material in class, it would be very helpful to perhaps post notes/materials on blackboard of needed basics of linear and matrix algebra, and some notes from the Random Signal Theory course when it would be useful.

I liked the way Professor Cochran taught the course. He is amazing with explaining the concepts and students rarely have problems in understanding the concepts in his class.