

Course and Instructor Feedback Report for:
College of Engineering Electrical & Computer Engg for Fall 2010

3300 - 001

FURSE,CYNTHIA M

University of Utah
Course and Instructor Feedback Report
Fall 2010

Fund EM & Trans Lines
 Electrical & Computer Engg
 College of Engineering

Print Date:04-Jan-11

Enrollment:65

Forms processed:41

UU Standard Course Items	N	SD	D	MD	MA	A	SA	Avg	S.Avg
1. The course objectives were clearly stated.	41	0.0%	0.0%	0.0%	2.4%	26.8%	70.7%	5.68	5.10
2. The course objectives were met.	41	0.0%	0.0%	0.0%	7.3%	34.1%	58.5%	5.51	4.99
3. The course content was well organized.	40	0.0%	0.0%	0.0%	2.5%	22.5%	75.0%	5.72	4.87
4. The course materials were helpful in meeting course objectives.	41	0.0%	0.0%	0.0%	7.3%	22.0%	70.7%	5.63	4.87
5. Assignments and exams reflected what was covered in the course.	41	0.0%	0.0%	0.0%	7.3%	17.1%	75.6%	5.68	4.97
6. I learned a great deal in this course.	41	0.0%	0.0%	0.0%	4.9%	26.8%	68.3%	5.63	4.94
7. Overall, this was an effective course.	41	0.0%	0.0%	0.0%	7.3%	24.4%	68.3%	5.61	4.89
Composite score: 5.64 Subject composite score: 4.95									

UU Standard Instructor Items Furse,Cynthia M	N	SD	D	MD	MA	A	SA	Avg	S.Avg
1. The instructor was organized.	40	0.0%	0.0%	0.0%	0.0%	17.5%	82.5%	5.82	5.01
2. The instructor demonstrated thorough knowledge of the subject.	40	0.0%	0.0%	0.0%	0.0%	10.0%	90.0%	5.90	5.20
3. The instructor presented course content effectively.	40	0.0%	0.0%	0.0%	2.5%	12.5%	85.0%	5.82	4.90
4. The instructor created/supported a classroom environment that was respectful.	40	0.0%	0.0%	0.0%	0.0%	12.5%	87.5%	5.88	5.16
5. As appropriate, the instructor encouraged questions and opinions.	40	0.0%	0.0%	0.0%	0.0%	15.0%	85.0%	5.85	5.17
6. The instructor was available for consultation with students.	40	0.0%	0.0%	0.0%	7.5%	20.0%	72.5%	5.65	5.10
7. Overall, this was an effective instructor.	40	0.0%	0.0%	0.0%	0.0%	17.5%	82.5%	5.82	5.01
Composite score: 5.82 Subject composite score: 5.08									

ECE - ABETLab Furse,Cynthia M	N	SD	D	MD	MA	A	SA	Avg
1. The instructor treated students with respect.	39	0.0%	0.0%	0.0%	2.6%	23.1%	74.4%	5.72
2. The instructor was available for consultation and discussion.	39	0.0%	0.0%	2.6%	5.1%	35.9%	56.4%	5.46
3. The instructor was concerned about student learning.	39	0.0%	0.0%	0.0%	2.6%	23.1%	74.4%	5.72
4. I generally found the lab sessions valuable	39	0.0%	2.6%	0.0%	10.3%	41.0%	46.2%	5.28
Composite score: 5.54								

ECE - ABETLab	N	SD	D	MD	MA	A	SA	Avg
1. The requirements for this course were appropriate to the number of credit hours.	39	2.6%	2.6%	2.6%	10.3%	35.9%	46.2%	5.13
2. Assignments and exams reflected what was covered in the course.	39	0.0%	0.0%	0.0%	2.6%	41.0%	56.4%	5.54
3. The exams were fair.	38	0.0%	0.0%	0.0%	7.9%	26.3%	65.8%	5.58
4. The Lab substantially contributed to my understanding of course materials.	39	0.0%	2.6%	0.0%	17.9%	38.5%	41.0%	5.15

5. The Lab was well organized.	39	0.0%	2.6%	5.1%	12.8%	43.6%	35.9%	5.05
6. Outcome a. This course gave me an ability to apply knowledge of mathematics, science, and engineering.	39	0.0%	2.6%	0.0%	7.7%	46.2%	43.6%	5.28
7. Outcome b. This course gave me an ability to design and conduct experiments, as well as to analyze and interpret data.	39	0.0%	2.6%	0.0%	15.4%	35.9%	46.2%	5.23
8. Outcome c. This course gave me an ability to design a system, component, or process to meet desired needs within realistic constraints such as economic, environmental, social, political, ethical, health and safety, manufacturability, and sustainability.	39	0.0%	0.0%	5.1%	12.8%	38.5%	43.6%	5.21
9. Outcome d. This course gave me an ability to function on multidisciplinary teams.	39	2.6%	5.1%	0.0%	20.5%	33.3%	38.5%	4.92
10. Outcome e. This course gave me an ability to identify, formulate, and solve engineering problems.	39	0.0%	0.0%	2.6%	15.4%	38.5%	43.6%	5.23
11. Outcome f. This course gave me an understanding of professional and ethical responsibility.	39	2.6%	0.0%	5.1%	12.8%	43.6%	35.9%	5.03
12. Outcome g. This course gave me an ability to communicate effectively.	39	2.6%	2.6%	5.1%	10.3%	38.5%	41.0%	5.03
13. Outcome h. This course gave me the broad education necessary to understand the impact of engineering solutions in a global, economic, environmental, and societal context.	38	2.6%	2.6%	2.6%	13.2%	39.5%	39.5%	5.03
14. Outcome i. This course gave me a recognition of the need for, and an ability to engage in, lifelong learning.	39	0.0%	2.6%	0.0%	12.8%	41.0%	43.6%	5.23
15. Outcome j. This course gave me a knowledge of contemporary issues.	38	0.0%	2.6%	5.3%	10.5%	42.1%	39.5%	5.11
16. Outcome k. This course gave me an ability to use the techniques, skills, and modern engineering tools necessary for engineering practice.	39	0.0%	0.0%	0.0%	17.9%	41.0%	41.0%	5.23
Composite score: 5.19								

N = number of responses

SD = Strongly Disagree (response value 1)

D = Disagree (response value 2)

MD = Mildly Disagree (response value 3)

MA = Mildly Agree (response value 4)

A = Agree (response value 5)

SA = Strongly Agree (response value 6)

S.Avg = Subject-wide Average for this item

DISCLAIMER: Subject composite scores are current as of the date of this report, but may be revised if additional feedback forms are processed.

List two things about the course content, materials or design that were effective for your learning, or make constructive suggestions for improvement.
Youtube lectures
I can't tell you enough how helpful the online lectures were!!!!
Cynthia Furse is a god-send after some of the other professors I've had. She obviously cares about her students and her subject matter. Please have her teach more classes!!!
The portfolios and online lectures helped a lot. Thanks.
I wish she could teach more ECE classes
I really enjoyed the enthusiasm that Dr furse had for the subject and how she openly kept expressing that we have come this far so we are going to succeed. She believed in us.

The website was very organized and helpful.
I knew exactly what to expect from each of the exams.

Great teaching methods, has a way to keep students interest during lecture time.

I tried to fill out my responses thoughtfully, but apparently I took too long (about 15 min) and CIS timed out. So I'll let that be my constructive meta-criticism.

I thought the video lectures are a great tool. Easy to pause and rewind to hear a section again. Also when I arrive at lecture I've already had the topic which get's me ready to ask questions or just a leg up on the material being covered. Hearing it twice helps retain the knowledge even better.

The videos were very helpful i could review them as i needed.
Also all the examples done in class were helpful.

Online video and homework

The lectures on youtube were a great help. Also the information on the course webpage were very helpful.

FURSE,CYNTHIA M: List two things about this instructor that were effective for your learning, or make constructive suggestions for improvement.

Humble instructor

Cynthia Furse is a god-send after some of the other professors I've had. She obviously cares about her students and her subject matter. Please have her teach more classes!!!

Dr. Furse has turned my experience in university studies on its head (and this is a good thing). I have had to complement my education with OCW.MIT videos as their instructors have that element of passion for their subjects that they teach, and teaching itself. Dr. Furse personifies the passion for teaching necessary to excite interest in, and promote real learning of a subject. I have learned much more, with so much less pounding of my head, in her class than in any other class currently or previously. Where other professors make you wonder if engineering is really something you want to do, Dr. Furse makes you wonder why you would not want to.

Online videos and old homework and exam solutions were very helpful. She gave us a lot of resources to use outside of class.

She was excited about teaching which made us excited about learning.
She had to make a trip to Antarctica but was well prepared for us in getting a temporary teacher.

Best Professor I've ever had.

The only thing wrong with Dr. Furse's teaching is that it makes all the other teachers look bad.

Great idea on lecture online and helping homework and review in class. Very effective.

Best teacher ever. Although I wouldn't mind if the second half of the video lectures were redone similar to the first half. Some of the writing on the older videos is hard to make out.

Best professor I've had at the U so far. I'd take any class from her.

Very clear and easy to understand instructor!!

energetic and always willing to answer question

I did not like the video lectures in the class. I feel like the lectures and the homeworks did not always correspond.

She is always available and provides extra help

Dr. Furse would explain concepts in multiple ways to ensure our understanding. The instructor had us work through problems in class and would help us one-on-on when we had questions during this time.