



THE STUDENT ASSESSMENT OF INSTRUCTION SYSTEM THE UNIVERSITY OF TENNESSEE				
Engineering Fundamentals 230	Sec # 22538	William R. Schleter		
Comp Solution/Engr Problems (CLAS)	Spring 2013	Form G	# of Students: 14	

Questions	Excellent	Very Good	Good	Fair	Poor	Very Poor	Item Mean
1. Course as a whole	4 (29%)	5 (36%)	4 (29%)	0 (0%)	1 (7%)	0 (0%)	3.79
2. Course content	6 (43%)	6 (43%)	2 (14%)	0 (0%)	0 (0%)	0 (0%)	4.29
3. Instructor overall	4 (29%)	4 (29%)	6 (43%)	0 (0%)	0 (0%)	0 (0%)	3.86
4. Instructor's contribution to students' understanding of concepts	4 (29%)	4 (29%)	6 (43%)	0 (0%)	0 (0%)	0 (0%)	3.86
5. Course organization	4 (29%)	4 (29%)	5 (36%)	1 (7%)	0 (0%)	0 (0%)	3.79
6. Opportunity to ask questions	8 (57%)	4 (29%)	2 (14%)	0 (0%)	0 (0%)	0 (0%)	4.43
7. Explanations by instructor	6 (43%)	4 (29%)	4 (29%)	0 (0%)	0 (0%)	0 (0%)	4.14
8. Contribution to student's ability to solve problems	6 (43%)	3 (21%)	3 (21%)	2 (14%)	0 (0%)	0 (0%)	3.93
9. Use of examples and illustrations	5 (36%)	5 (36%)	4 (29%)	0 (0%)	0 (0%)	0 (0%)	4.07
10. Length/difficulty of homework assignments	4 (29%)	5 (36%)	4 (29%)	1 (7%)	0 (0%)	0 (0%)	3.86
11. Exams' contribution to understanding content	6 (43%)	4 (29%)	2 (14%)	1 (7%)	0 (0%)	1 (7%)	3.86
12. Instructor's enthusiasm	6 (43%)	4 (29%)	4 (29%)	0 (0%)	0 (0%)	0 (0%)	4.14
13. Textbook overall was	4 (29%)	2 (14%)	5 (36%)	3 (21%)	0 (0%)	0 (0%)	3.50
14. Answers to students' questions	5 (36%)	4 (29%)	5 (36%)	0 (0%)	0 (0%)	0 (0%)	4.00
15. Relationship between lectures and text	5 (36%)	4 (29%)	5 (36%)	0 (0%)	0 (0%)	0 (0%)	4.00
16. Availability of extra help when needed	6 (43%)	5 (36%)	3 (21%)	0 (0%)	0 (0%)	0 (0%)	4.21
17. Interest in whether students learned	6 (43%)	4 (29%)	4 (29%)	0 (0%)	0 (0%)	0 (0%)	4.14
18. Amount you learned in the course	6 (46%)	4 (31%)	3 (23%)	0 (0%)	0 (0%)	0 (0%)	4.23
19. Relevance and usefulness of course content	7 (50%)	4 (29%)	2 (14%)	1 (7%)	0 (0%)	0 (0%)	4.21
20. Relevance and usefulness of assignments	6 (43%)	2 (14%)	6 (43%)	0 (0%)	0 (0%)	0 (0%)	4.00
21. Reasonableness of assigned work	4 (31%)	5 (38%)	2 (15%)	2 (15%)	0 (0%)	0 (0%)	3.85
22. Relationship of exams to material emphasized	5 (36%)	6 (43%)	3 (21%)	0 (0%)	0 (0%)	0 (0%)	4.14

Relative to other college courses you have taken	Much Higher			Average			Much Lower		
23. Do you expect your grade in this course to be:	2 (10%)	3 (20%)	5 (40%)	2 (10%)	1 (10%)	1 (10%)	1 (10%)	0 (0%)	
24. The intellectual challenge presented was:	2 (10%)	5 (40%)	4 (30%)	3 (20%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	
25. The amount of effort you put into this course was:	3 (20%)	3 (20%)	4 (30%)	4 (30%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	
26. The amount of effort to succeed in the course was:	6 (40%)	1 (10%)	4 (30%)	3 (20%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	
27. Your involvement in this course (asgn, atnd, etc) was:	6 (40%)	0 (0%)	5 (40%)	3 (20%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	

28. On average, how many hours per week have you spent on this course, including attending classes, readings, reviewing notes, writing papers, and any other course related work?

Under 2	0 (0%)
3-4	2 (14%)
5-6	6 (43%)
7-8	4 (29%)
9-10	0 (0%)
11-12	2 (14%)
13-14	0 (0%)
15-16	0 (0%)
17-18	0 (0%)
19-20	0 (0%)
21-22	0 (0%)
22 or >	0 (0%)

29. From the total average hours above, how many do you consider were valuable in advancing your education?

Under 2	1 (7%)
3-4	2 (14%)
5-6	6 (43%)
7-8	3 (21%)
9-10	1 (7%)
11-12	0 (0%)
13-14	1 (7%)
15-16	0 (0%)
17-18	0 (0%)
19-20	0 (0%)
21-22	0 (0%)
22 or >	0 (0%)

30. Expected Grade

A	8 (57%)
B+	2 (14%)
B	2 (14%)
C+	2 (14%)
C	0 (0%)
D	0 (0%)
F	0 (0%)
S	0 (0%)
NC	0 (0%)
Other	0 (0%)

32. Class Composition

Fresh	0 (0%)
Soph	11 (79%)
Junior	1 (7%)
Senior	2 (14%)
Grad	0 (0%)
Other	0 (0%)

31. Course Was

In major	13 (93%)
In minor	0 (0%)
Dist. Req.	0 (0%)
Elective	1 (7%)
Other	0 (0%)

33. Wanted to take course

Yes	10 (71%)
No	4 (29%)
Neutral	0 (0%)



THE STUDENT ASSESSMENT OF INSTRUCTION SYSTEM THE UNIVERSITY OF TENNESSEE				
Engineering Fundamentals 230	Sec # 22539	William R. Schleter		
Comp Solution/Engr Problems (CLAS)	Spring 2013	Form G	# of Students: 12	

Questions	Excellent	Very Good	Good	Fair	Poor	Very Poor	Item Mean
1. Course as a whole	3 (25%)	4 (33%)	3 (25%)	1 (8%)	0 (0%)	1 (8%)	3.50
2. Course content	1 (8%)	6 (50%)	3 (25%)	1 (8%)	0 (0%)	1 (8%)	3.33
3. Instructor overall	1 (9%)	6 (55%)	2 (18%)	1 (9%)	0 (0%)	1 (9%)	3.36
4. Instructor's contribution to students' understanding of concepts	3 (25%)	4 (33%)	3 (25%)	1 (8%)	0 (0%)	1 (8%)	3.50
5. Course organization	3 (25%)	4 (33%)	4 (33%)	0 (0%)	0 (0%)	1 (8%)	3.58
6. Opportunity to ask questions	5 (42%)	4 (33%)	2 (17%)	0 (0%)	0 (0%)	1 (8%)	3.92
7. Explanations by instructor	4 (33%)	2 (17%)	5 (42%)	0 (0%)	0 (0%)	1 (8%)	3.58
8. Contribution to student's ability to solve problems	4 (33%)	3 (25%)	3 (25%)	1 (8%)	0 (0%)	1 (8%)	3.58
9. Use of examples and illustrations	4 (33%)	2 (17%)	5 (42%)	0 (0%)	0 (0%)	1 (8%)	3.58
10. Length/difficulty of homework assignments	3 (25%)	2 (17%)	4 (33%)	0 (0%)	2 (17%)	1 (8%)	3.08
11. Exams' contribution to understanding content	2 (17%)	4 (33%)	2 (17%)	2 (17%)	1 (8%)	1 (8%)	3.08
12. Instructor's enthusiasm	5 (45%)	3 (27%)	1 (9%)	1 (9%)	0 (0%)	1 (9%)	3.82
13. Textbook overall was	2 (17%)	1 (8%)	5 (42%)	0 (0%)	0 (0%)	4 (33%)	2.42
14. Answers to students' questions	3 (25%)	3 (25%)	3 (25%)	2 (17%)	0 (0%)	1 (8%)	3.33
15. Relationship between lectures and text	2 (17%)	4 (33%)	2 (17%)	1 (8%)	1 (8%)	2 (17%)	2.92
16. Availability of extra help when needed	2 (18%)	7 (64%)	1 (9%)	0 (0%)	0 (0%)	1 (9%)	3.73
17. Interest in whether students learned	4 (33%)	6 (50%)	0 (0%)	1 (8%)	0 (0%)	1 (8%)	3.83
18. Amount you learned in the course	3 (25%)	4 (33%)	1 (8%)	3 (25%)	0 (0%)	1 (8%)	3.33
19. Relevance and usefulness of course content	3 (25%)	4 (33%)	2 (17%)	2 (17%)	0 (0%)	1 (8%)	3.42
20. Relevance and usefulness of assignments	4 (33%)	2 (17%)	4 (33%)	1 (8%)	0 (0%)	1 (8%)	3.50
21. Reasonableness of assigned work	4 (33%)	1 (8%)	2 (17%)	4 (33%)	0 (0%)	1 (8%)	3.17
22. Relationship of exams to material emphasized	4 (33%)	2 (17%)	4 (33%)	1 (8%)	0 (0%)	1 (8%)	3.50

Relative to other college courses you have taken	Much Higher			Average			Much Lower		
23. Do you expect your grade in this course to be:	0 (0%)	2 (20%)	4 (30%)	5 (40%)	0 (0%)	0 (0%)	0 (0%)	1 (10%)	
24. The intellectual challenge presented was:	2 (20%)	3 (20%)	4 (30%)	2 (20%)	0 (0%)	0 (0%)	0 (0%)	1 (10%)	
25. The amount of effort you put into this course was:	1 (10%)	4 (30%)	2 (20%)	3 (20%)	0 (0%)	1 (10%)	1 (10%)	1 (10%)	
26. The amount of effort to succeed in the course was:	2 (20%)	3 (20%)	3 (20%)	3 (20%)	0 (0%)	0 (0%)	0 (0%)	1 (10%)	
27. Your involvement in this course (asgn, atnd, etc) was:	2 (20%)	4 (30%)	1 (10%)	3 (20%)	0 (0%)	1 (10%)	1 (10%)	1 (10%)	

28. On average, how many hours per week have you spent on this course, including attending classes, readings, reviewing notes, writing papers, and any other course related work?

Under 2	0 (0%)
3-4	3 (25%)
5-6	4 (33%)
7-8	4 (33%)
9-10	0 (0%)
11-12	0 (0%)
13-14	0 (0%)
15-16	0 (0%)
17-18	0 (0%)
19-20	0 (0%)
21-22	0 (0%)
22 or >	1 (8%)

29. From the total average hours above, how many do you consider were valuable in advancing your education?

Under 2	1 (8%)
3-4	4 (33%)
5-6	3 (25%)
7-8	3 (25%)
9-10	0 (0%)
11-12	0 (0%)
13-14	0 (0%)
15-16	0 (0%)
17-18	0 (0%)
19-20	0 (0%)
21-22	0 (0%)
22 or >	1 (8%)

30. Expected Grade

A	3 (27%)
B+	1 (9%)
B	4 (36%)
C+	2 (18%)
C	0 (0%)
D	1 (9%)
F	0 (0%)
S	0 (0%)
NC	0 (0%)
Other	0 (0%)

32. Class Composition

Fresh	1 (8%)
Soph	7 (58%)
Junior	2 (17%)
Senior	1 (8%)
Grad	0 (0%)
Other	1 (8%)


31. Course Was

In major	10 (83%)
In minor	0 (0%)
Dist. Req.	1 (8%)
Elective	0 (0%)
Other	1 (8%)

33. Wanted to take course

Yes	6 (55%)
No	4 (36%)
Neutral	1 (9%)



THE STUDENT ASSESSMENT OF INSTRUCTION SYSTEM THE UNIVERSITY OF TENNESSEE				
Engineering Fundamentals 230	Sec # 22540	William R. Schleter		
Comp Solution/Engr Problems (CLAS)	Spring 2013	Form G	# of Students: 13	

Questions	Excellent	Very Good	Good	Fair	Poor	Very Poor	Item Mean
1. Course as a whole	4 (31%)	4 (31%)	3 (23%)	2 (15%)	0 (0%)	0 (0%)	3.77
2. Course content	4 (31%)	5 (38%)	3 (23%)	1 (8%)	0 (0%)	0 (0%)	3.92
3. Instructor overall	4 (31%)	7 (54%)	1 (8%)	1 (8%)	0 (0%)	0 (0%)	4.08
4. Instructor's contribution to students' understanding of concepts	7 (54%)	2 (15%)	3 (23%)	1 (8%)	0 (0%)	0 (0%)	4.15
5. Course organization	6 (46%)	5 (38%)	2 (15%)	0 (0%)	0 (0%)	0 (0%)	4.31
6. Opportunity to ask questions	8 (62%)	3 (23%)	2 (15%)	0 (0%)	0 (0%)	0 (0%)	4.46
7. Explanations by instructor	4 (31%)	5 (38%)	3 (23%)	1 (8%)	0 (0%)	0 (0%)	3.92
8. Contribution to student's ability to solve problems	4 (31%)	5 (38%)	3 (23%)	1 (8%)	0 (0%)	0 (0%)	3.92
9. Use of examples and illustrations	5 (38%)	5 (38%)	2 (15%)	1 (8%)	0 (0%)	0 (0%)	4.08
10. Length/difficulty of homework assignments	1 (8%)	8 (62%)	3 (23%)	0 (0%)	1 (8%)	0 (0%)	3.62
11. Exams' contribution to understanding content	4 (31%)	4 (31%)	3 (23%)	1 (8%)	1 (8%)	0 (0%)	3.69
12. Instructor's enthusiasm	4 (31%)	7 (54%)	1 (8%)	1 (8%)	0 (0%)	0 (0%)	4.08
13. Textbook overall was	4 (33%)	2 (17%)	4 (33%)	0 (0%)	0 (0%)	2 (17%)	3.33
14. Answers to students' questions	4 (33%)	5 (42%)	2 (17%)	1 (8%)	0 (0%)	0 (0%)	4.00
15. Relationship between lectures and text	4 (36%)	3 (27%)	3 (27%)	0 (0%)	1 (9%)	0 (0%)	3.82
16. Availability of extra help when needed	7 (54%)	4 (31%)	2 (15%)	0 (0%)	0 (0%)	0 (0%)	4.38
17. Interest in whether students learned	4 (31%)	7 (54%)	1 (8%)	1 (8%)	0 (0%)	0 (0%)	4.08
18. Amount you learned in the course	5 (38%)	5 (38%)	2 (15%)	1 (8%)	0 (0%)	0 (0%)	4.08
19. Relevance and usefulness of course content	7 (54%)	4 (31%)	1 (8%)	0 (0%)	0 (0%)	1 (8%)	4.15
20. Relevance and usefulness of assignments	7 (54%)	4 (31%)	1 (8%)	0 (0%)	1 (8%)	0 (0%)	4.23
21. Reasonableness of assigned work	2 (15%)	8 (62%)	2 (15%)	0 (0%)	1 (8%)	0 (0%)	3.77
22. Relationship of exams to material emphasized	3 (23%)	6 (46%)	3 (23%)	1 (8%)	0 (0%)	0 (0%)	3.85

Relative to other college courses you have taken	Much Higher		Average				Much Lower	
23. Do you expect your grade in this course to be:	0 (0%)	7 (50%)	2 (20%)	4 (30%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)
24. The intellectual challenge presented was:	1 (10%)	6 (50%)	3 (20%)	2 (20%)	0 (0%)	1 (10%)	0 (0%)	0 (0%)
25. The amount of effort you put into this course was:	1 (10%)	6 (50%)	4 (30%)	1 (10%)	0 (0%)	0 (0%)	1 (10%)	0 (0%)
26. The amount of effort to succeed in the course was:	3 (20%)	5 (40%)	2 (20%)	2 (20%)	0 (0%)	0 (0%)	1 (10%)	0 (0%)
27. Your involvement in this course (asgn, atnd, etc) was:	5 (40%)	4 (30%)	2 (20%)	2 (20%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)

28. On average, how many hours per week have you spent on this course, including attending classes, readings, reviewing notes, writing papers, and any other course related work?

Under 2	0 (0%)
3-4	2 (15%)
5-6	2 (15%)
7-8	5 (38%)
9-10	3 (23%)
11-12	1 (8%)
13-14	0 (0%)
15-16	0 (0%)
17-18	0 (0%)
19-20	0 (0%)
21-22	0 (0%)
22 or >	0 (0%)

29. From the total average hours above, how many do you consider were valuable in advancing your education?

Under 2	1 (8%)
3-4	3 (23%)
5-6	5 (38%)
7-8	3 (23%)
9-10	1 (8%)
11-12	0 (0%)
13-14	0 (0%)
15-16	0 (0%)
17-18	0 (0%)
19-20	0 (0%)
21-22	0 (0%)
22 or >	0 (0%)

30. Expected Grade

A	4 (31%)
B+	4 (31%)
B	3 (23%)
C+	1 (8%)
C	1 (8%)
D	0 (0%)
F	0 (0%)
S	0 (0%)
NC	0 (0%)
Other	0 (0%)

32. Class Composition

Fresh	0 (0%)
Soph	6 (46%)
Junior	4 (31%)
Senior	3 (23%)
Grad	0 (0%)
Other	0 (0%)


33. Wanted to take course

Yes	7 (54%)
No	3 (23%)
Neutral	3 (23%)

31. Course Was

In major	11 (85%)
In minor	0 (0%)
Dist. Req.	2 (15%)
Elective	0 (0%)
Other	0 (0%)



THE STUDENT ASSESSMENT OF INSTRUCTION SYSTEM THE UNIVERSITY OF TENNESSEE				
Engineering Fundamentals 230	Sec # 22541	William R. Schleter		
Comp Solution/Engr Problems (CLAS)	Spring 2013	Form G	# of Students: 9	

Questions	Excellent	Very Good	Good	Fair	Poor	Very Poor	Item Mean
1. Course as a whole	0 (0%)	3 (38%)	4 (50%)	1 (12%)	0 (0%)	0 (0%)	3.25
2. Course content	0 (0%)	3 (38%)	5 (62%)	0 (0%)	0 (0%)	0 (0%)	3.38
3. Instructor overall	1 (12%)	3 (38%)	3 (38%)	1 (12%)	0 (0%)	0 (0%)	3.50
4. Instructor's contribution to students' understanding of concepts	1 (12%)	2 (25%)	4 (50%)	0 (0%)	1 (12%)	0 (0%)	3.25
5. Course organization	1 (12%)	3 (38%)	3 (38%)	0 (0%)	0 (0%)	1 (12%)	3.25
6. Opportunity to ask questions	1 (12%)	3 (38%)	4 (50%)	0 (0%)	0 (0%)	0 (0%)	3.62
7. Explanations by instructor	1 (12%)	3 (38%)	3 (38%)	1 (12%)	0 (0%)	0 (0%)	3.50
8. Contribution to student's ability to solve problems	1 (12%)	2 (25%)	4 (50%)	0 (0%)	1 (12%)	0 (0%)	3.25
9. Use of examples and illustrations	1 (12%)	3 (38%)	3 (38%)	0 (0%)	1 (12%)	0 (0%)	3.38
10. Length/difficulty of homework assignments	0 (0%)	4 (50%)	4 (50%)	0 (0%)	0 (0%)	0 (0%)	3.50
11. Exams' contribution to understanding content	0 (0%)	3 (38%)	3 (38%)	1 (12%)	0 (0%)	1 (12%)	2.88
12. Instructor's enthusiasm	2 (25%)	2 (25%)	4 (50%)	0 (0%)	0 (0%)	0 (0%)	3.75
13. Textbook overall was	1 (12%)	1 (12%)	1 (12%)	3 (38%)	1 (12%)	1 (12%)	2.38
14. Answers to students' questions	1 (12%)	2 (25%)	4 (50%)	1 (12%)	0 (0%)	0 (0%)	3.38
15. Relationship between lectures and text	1 (12%)	2 (25%)	3 (38%)	1 (12%)	0 (0%)	1 (12%)	3.00
16. Availability of extra help when needed	2 (25%)	4 (50%)	2 (25%)	0 (0%)	0 (0%)	0 (0%)	4.00
17. Interest in whether students learned	2 (25%)	2 (25%)	3 (38%)	1 (12%)	0 (0%)	0 (0%)	3.62
18. Amount you learned in the course	1 (12%)	3 (38%)	2 (25%)	1 (12%)	0 (0%)	1 (12%)	3.12
19. Relevance and usefulness of course content	1 (12%)	2 (25%)	5 (62%)	0 (0%)	0 (0%)	0 (0%)	3.50
20. Relevance and usefulness of assignments	0 (0%)	3 (38%)	3 (38%)	1 (12%)	0 (0%)	1 (12%)	2.88
21. Reasonableness of assigned work	1 (12%)	3 (38%)	3 (38%)	1 (12%)	0 (0%)	0 (0%)	3.50
22. Relationship of exams to material emphasized	1 (12%)	2 (25%)	3 (38%)	1 (12%)	1 (12%)	0 (0%)	3.12

Relative to other college courses you have taken	Much Higher			Average			Much Lower		
23. Do you expect your grade in this course to be:	0 (0%)	3 (40%)	1 (10%)	3 (40%)	1 (10%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)
24. The intellectual challenge presented was:	1 (10%)	3 (40%)	2 (20%)	2 (20%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)
25. The amount of effort you put into this course was:	0 (0%)	3 (40%)	1 (10%)	4 (50%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)
26. The amount of effort to succeed in the course was:	2 (20%)	2 (20%)	1 (10%)	3 (40%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)
27. Your involvement in this course (asgn, atnd, etc) was:	2 (20%)	3 (40%)	0 (0%)	3 (40%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)

28. On average, how many hours per week have you spent on this course, including attending classes, readings, reviewing notes, writing papers, and any other course related work?

Under 2	0 (0%)
3-4	1 (12%)
5-6	2 (25%)
7-8	3 (38%)
9-10	1 (12%)
11-12	1 (12%)
13-14	0 (0%)
15-16	0 (0%)
17-18	0 (0%)
19-20	0 (0%)
21-22	0 (0%)
22 or >	0 (0%)

29. From the total average hours above, how many do you consider were valuable in advancing your education?

Under 2	1 (12%)
3-4	1 (12%)
5-6	2 (25%)
7-8	3 (38%)
9-10	1 (12%)
11-12	0 (0%)
13-14	0 (0%)
15-16	0 (0%)
17-18	0 (0%)
19-20	0 (0%)
21-22	0 (0%)
22 or >	0 (0%)

30. Expected Grade

A	1 (12%)
B+	2 (25%)
B	1 (12%)
C+	3 (38%)
C	1 (12%)
D	0 (0%)
F	0 (0%)
S	0 (0%)
NC	0 (0%)
Other	0 (0%)

32. Class Composition

Fresh	0 (0%)
Soph	5 (71%)
Junior	1 (14%)
Senior	1 (14%)
Grad	0 (0%)
Other	0 (0%)

31. Course Was

In major	6 (75%)
In minor	0 (0%)
Dist. Req.	2 (25%)
Elective	0 (0%)
Other	0 (0%)

33. Wanted to take course

Yes	2 (25%)
No	4 (50%)
Neutral	2 (25%)