

## Student Course Evaluation Questionnaires

<b>Course-Section:</b>	<b>CMPE 212 01</b>
<b>Title:</b>	<b>Prin Of Digital Design</b>
<b>Instructor:</b>	<b>Younis,Mohamed</b>

**Term - Fall 2012**

<b>Enrollment:</b>	<b>38</b>
<b>Questionnaires:</b>	<b>26</b>

Questions	NR	NA	Frequencies					Instructor		Course	Org	UMBC	Level	Sect
			1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
<b>General</b>														
1. Did you gain new insights,skills from this course	1	0	0	0	0	2	23	4.92	125/1589	4.92	4.37	4.32	4.33	4.92
2. Did the instructor make clear the expected goals	1	0	0	0	0	4	21	4.84	191/1589	4.84	4.07	4.29	4.30	4.84
3. Did the exam questions reflect the expected goals	2	0	0	0	3	1	20	4.71	350/1391	4.71	4.26	4.34	4.36	4.71
4. Did other evaluations reflect the expected goals	2	5	0	0	2	2	15	4.68	320/1552	4.68	4.13	4.25	4.26	4.68
5. Did assigned readings contribute to what you learned	1	8	0	2	6	3	6	3.76	1145/1495	3.76	3.69	4.14	4.18	3.76
6. Did written assignments contribute to what you learned	1	9	0	1	3	4	8	4.19	750/1457	4.19	4.05	4.15	4.14	4.19
7. Was the grading system clearly explained	2	0	0	0	2	2	20	4.75	233/1572	4.75	3.94	4.21	4.19	4.75
8. How many times was class cancelled	2	0	0	0	0	1	23	4.96	234/1589	4.96	4.73	4.66	4.63	4.96
9. How would you grade the overall teaching effectiveness	5	1	0	0	0	1	19	4.95	52/1569	4.95	3.92	4.13	4.12	4.95
<b>Lecture</b>														
1. Were the instructor's lectures well prepared	3	0	0	0	0	3	20	4.87	294/1530	4.87	4.44	4.49	4.47	4.87
2. Did the instructor seem interested in the subject	3	0	0	0	0	1	22	4.96	293/1533	4.96	4.70	4.75	4.78	4.96
3. Was lecture material presented and explained clearly	3	0	0	0	1	6	16	4.65	494/1528	4.65	3.95	4.35	4.35	4.65
4. Did the lectures contribute to what you learned	3	0	0	0	1	5	17	4.70	488/1529	4.70	3.95	4.36	4.39	4.70
5. Did audiovisual techniques enhance your understanding	4	2	0	1	2	7	10	4.30	543/1393	4.30	3.93	4.06	4.13	4.30
<b>Discussion</b>														
1. Did class discussions contribute to what you learned	7	0	0	5	4	5	5	3.53	1134/1337	3.53	3.49	4.17	4.16	3.53
2. Were all students actively encouraged to participate	7	0	1	2	5	5	6	3.68	1168/1331	3.68	3.64	4.35	4.32	3.68
3. Did the instructor encourage fair and open discussion	8	0	0	3	5	3	7	3.78	1139/1333	3.78	3.69	4.40	4.39	3.78
4. Were special techniques successful	8	12	1	0	1	3	1	3.50	****/1014	****	3.60	4.05	4.03	****

## Student Course Evaluation Questionnaires

<b>Course-Section:</b>	<b>CMPE 212 01</b>
<b>Title:</b>	<b>Prin Of Digital Design</b>
<b>Instructor:</b>	<b>Younis,Mohamed</b>

**Term - Fall 2012**

<b>Enrollment:</b>	<b>38</b>
<b>Questionnaires:</b>	<b>26</b>

Questions	NR	NA	Frequencies					Instructor		Course	Org	UMBC	Level	Sect
			1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
<b>Laboratory</b>														
1. Did the lab increase understanding of the material	17	0	0	0	1	2	6	4.56	45/180	4.56	4.00	4.20	4.50	4.56
2. Were you provided with adequate background information	17	0	0	0	1	5	3	4.22	99/194	4.22	3.39	4.17	4.12	4.22
3. Were necessary materials available for lab activities	17	0	0	0	1	5	3	4.22	129/178	4.22	3.91	4.47	4.63	4.22
4. Did the lab instructor provide assistance	17	0	0	2	1	2	4	3.89	157/181	3.89	3.89	4.40	4.55	3.89
5. Were requirements for lab reports clearly specified	17	0	0	0	2	3	4	4.22	86/165	4.22	3.76	4.12	4.42	4.22

### Frequency Distribution

Credits Earned	Cum. GPA	Expected Grades	Reasons	Type	Majors						
00-27	1	0.00-0.99	0	A	17	Required for Majors	21	Graduate	0	Major	20
28-55	8	1.00-1.99	0	B	3						
56-83	2	2.00-2.99	3	C	1	General	0	Under-grad	26	Non-major	6
84-150	3	3.00-3.49	5	D	0						
Grad.	0	3.50-4.00	7	F	0	Electives	0	**** - Means there are not enough responses to be significant			
				P	0						
				I	0	Other	0				
				?	3						

## Student Course Evaluation Questionnaires

<b>Course-Section:</b>	<b>CMPE 310 01</b>
<b>Title:</b>	<b>Systems Design &amp; Prog</b>
<b>Instructor:</b>	<b>Slaughter,Gymam</b>

**Term - Fall 2012**

<b>Enrollment:</b>	<b>31</b>
<b>Questionnaires:</b>	<b>21</b>

Questions	NR	NA	Frequencies					Instructor		Course	Org	UMBC	Level	Sect
			1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
<b>General</b>														
1. Did you gain new insights,skills from this course	0	0	1	1	2	10	7	4.00	1182/1589	4.00	4.37	4.32	4.33	4.00
2. Did the instructor make clear the expected goals	0	0	0	4	11	3	3	3.24	1530/1589	3.24	4.07	4.29	4.26	3.24
3. Did the exam questions reflect the expected goals	0	0	0	1	3	14	3	3.90	1149/1391	3.90	4.26	4.34	4.30	3.90
4. Did other evaluations reflect the expected goals	0	0	1	5	6	7	2	3.19	1499/1552	3.19	4.13	4.25	4.24	3.19
5. Did assigned readings contribute to what you learned	0	0	6	1	5	6	3	2.95	1446/1495	2.95	3.69	4.14	4.11	2.95
6. Did written assignments contribute to what you learned	0	3	2	2	5	6	3	3.33	1340/1457	3.33	4.05	4.15	4.13	3.33
7. Was the grading system clearly explained	0	0	0	1	2	12	6	4.10	1014/1572	4.10	3.94	4.21	4.18	4.10
8. How many times was class cancelled	1	0	0	0	1	8	11	4.50	1116/1589	4.50	4.73	4.66	4.67	4.50
9. How would you grade the overall teaching effectiveness	3	0	0	4	9	4	1	3.11	1492/1569	3.11	3.92	4.13	4.10	3.11
<b>Lecture</b>														
1. Were the instructor's lectures well prepared	1	0	0	2	3	13	2	3.75	1430/1530	3.75	4.44	4.49	4.49	3.75
2. Did the instructor seem interested in the subject	1	0	0	0	1	14	5	4.20	1444/1533	4.20	4.70	4.75	4.75	4.20
3. Was lecture material presented and explained clearly	1	0	1	8	5	2	4	3.00	1482/1528	3.00	3.95	4.35	4.33	3.00
4. Did the lectures contribute to what you learned	1	0	2	4	5	6	3	3.20	1468/1529	3.20	3.95	4.36	4.34	3.20
5. Did audiovisual techniques enhance your understanding	3	1	3	3	7	3	1	2.76	1352/1393	2.76	3.93	4.06	4.10	2.76
<b>Discussion</b>														
1. Did class discussions contribute to what you learned	4	0	4	4	2	5	2	2.82	1293/1337	2.82	3.49	4.17	4.20	2.82
2. Were all students actively encouraged to participate	5	0	2	1	7	3	3	3.25	1257/1331	3.25	3.64	4.35	4.35	3.25
3. Did the instructor encourage fair and open discussion	6	0	0	3	4	4	4	3.60	1210/1333	3.60	3.69	4.40	4.41	3.60
4. Were special techniques successful	5	2	0	4	3	4	3	3.43	864/1014	3.43	3.60	4.05	4.04	3.43

## Student Course Evaluation Questionnaires

Course-Section: <b>CMPE 310 01</b>		Term - Fall 2012								Enrollment: <b>31</b>				
Title: <b>Systems Design &amp; Prog</b>										Questionnaires: <b>21</b>				
Instructor: <b>Slaughter,Gymam</b>														
		Frequencies					Instructor		Course	Org	UMBC	Level	Sect	
Questions	NR	NA	1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
<b>Laboratory</b>														
1. Did the lab increase understanding of the material	5	0	3	4	3	4	2	2.88	179/180	2.88	4.00	4.20	4.08	2.88
2. Were you provided with adequate background information	5	0	3	11	2	0	0	1.94	194/194	1.94	3.39	4.17	4.05	1.94
3. Were necessary materials available for lab activities	5	1	3	3	3	5	1	2.87	178/178	2.87	3.91	4.47	4.42	2.87
4. Did the lab instructor provide assistance	5	1	4	3	4	2	2	2.67	179/181	2.67	3.89	4.40	4.31	2.67
5. Were requirements for lab reports clearly specified	5	0	0	4	5	7	0	3.19	150/165	3.19	3.76	4.12	3.94	3.19
<b>Seminar</b>														
1. Were assigned topics relevant to the announced theme	20	0	0	1	0	0	0	2.00	****/62	****	****	4.46	5.00	****
2. Was the instructor available for individual attention	19	0	0	1	1	0	0	2.50	****/65	****	****	4.43	4.58	****
3. Did research projects contribute to what you learned	19	0	0	2	0	0	0	2.00	****/63	****	****	4.29	4.53	****
4. Did presentations contribute to what you learned	19	0	0	2	0	0	0	2.00	****/61	****	****	4.47	5.00	****
5. Were criteria for grading made clear	19	0	0	1	0	1	0	3.00	****/61	****	****	4.19	4.80	****
<b>Field Work</b>														
1. Did field experience contribute to what you learned	19	0	1	0	1	0	0	2.00	****/40	****	****	3.85	3.93	****
2. Did you clearly understand your evaluation criteria	19	0	0	0	2	0	0	3.00	****/40	****	****	3.89	4.16	****
3. Was the instructor available for consultation	19	1	0	0	0	1	0	4.00	****/32	****	****	4.30	4.48	****
4. To what degree could you discuss your evaluations	19	1	0	0	1	0	0	3.00	****/29	****	****	4.15	4.15	****
5. Did conferences help you carry out field activities	19	1	0	1	0	0	0	2.00	****/21	****	****	4.32	4.25	****
<b>Self Paced</b>														
1. Did self-paced system contribute to what you learned	19	0	0	1	1	0	0	2.50	****/39	****	****	4.00	4.49	****
2. Did study questions make clear the expected goal	19	1	0	0	1	0	0	3.00	****/22	****	****	4.12	5.00	****
3. Were your contacts with the instructor helpful	19	1	0	0	1	0	0	3.00	****/33	****	****	4.42	4.25	****

## Student Course Evaluation Questionnaires

<b>Course-Section:</b>	<b>CMPE 310 01</b>
<b>Title:</b>	<b>Systems Design &amp; Prog</b>
<b>Instructor:</b>	<b>Slaughter,Gymam</b>

**Term - Fall 2012**

<b>Enrollment:</b>	<b>31</b>
<b>Questionnaires:</b>	<b>21</b>

Questions	NR	NA	Frequencies					Instructor		Course	Org	UMBC	Level	Sect
			1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
<b>Self Paced</b>														
4. Was the feedback/tutoring by proctors helpful	19	1	1	0	0	0	0	1.00	****/19	****	****	4.44	5.00	****
5. Were there enough proctors for all the students	19	1	1	0	0	0	0	1.00	****/16	****	****	4.25	5.00	****

### Frequency Distribution

Credits Earned	Cum. GPA	Expected Grades	Reasons	Type	Majors						
00-27	0	0.00-0.99	0	A	4	Required for Majors	20	Graduate	0	Major	19
28-55	1	1.00-1.99	0	B	10						
56-83	6	2.00-2.99	4	C	5	General	0	Under-grad	21	Non-major	2
84-150	3	3.00-3.49	6	D	0						
Grad.	0	3.50-4.00	1	F	0	Electives	0				
				P	0						
				I	0	Other	0				
				?	2						

\*\*\*\* - Means there are not enough responses to be significant

## Student Course Evaluation Questionnaires

<b>Course-Section:</b>	<b>CMPE 311 01</b>
<b>Title:</b>	<b>C Prog &amp; Embedded System</b>
<b>Instructor:</b>	<b>Robucci,Ryan W</b>

**Term - Fall 2012**

<b>Enrollment:</b>	<b>15</b>
<b>Questionnaires:</b>	<b>11</b>

Questions	NR	NA	Frequencies					Instructor		Course	Org	UMBC	Level	Sect
			1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
<b>General</b>														
1. Did you gain new insights,skills from this course	1	0	0	0	0	1	9	4.90	156/1589	4.90	4.37	4.32	4.33	4.90
2. Did the instructor make clear the expected goals	1	0	0	0	0	3	7	4.70	356/1589	4.70	4.07	4.29	4.26	4.70
3. Did the exam questions reflect the expected goals	2	0	0	1	1	0	7	4.44	679/1391	4.44	4.26	4.34	4.30	4.44
4. Did other evaluations reflect the expected goals	1	2	0	0	0	2	6	4.75	238/1552	4.75	4.13	4.25	4.24	4.75
5. Did assigned readings contribute to what you learned	1	3	0	1	1	1	4	4.14	804/1495	4.14	3.69	4.14	4.11	4.14
6. Did written assignments contribute to what you learned	1	3	0	0	1	2	4	4.43	487/1457	4.43	4.05	4.15	4.13	4.43
7. Was the grading system clearly explained	1	0	1	0	7	1	1	3.10	1497/1572	3.10	3.94	4.21	4.18	3.10
8. How many times was class cancelled	1	0	0	0	0	0	10	5.00	1/1589	5.00	4.73	4.66	4.67	5.00
9. How would you grade the overall teaching effectiveness	2	0	0	1	0	4	4	4.22	730/1569	4.22	3.92	4.13	4.10	4.22
<b>Lecture</b>														
1. Were the instructor's lectures well prepared	1	0	0	0	1	6	3	4.20	1209/1530	4.20	4.44	4.49	4.49	4.20
2. Did the instructor seem interested in the subject	1	0	0	0	1	0	9	4.80	872/1533	4.80	4.70	4.75	4.75	4.80
3. Was lecture material presented and explained clearly	1	0	0	1	0	5	4	4.20	1035/1528	4.20	3.95	4.35	4.33	4.20
4. Did the lectures contribute to what you learned	1	0	1	0	0	2	7	4.40	852/1529	4.40	3.95	4.36	4.34	4.40
5. Did audiovisual techniques enhance your understanding	1	0	0	1	2	2	5	4.10	743/1393	4.10	3.93	4.06	4.10	4.10
<b>Discussion</b>														
1. Did class discussions contribute to what you learned	5	0	0	0	0	2	4	4.67	337/1337	4.67	3.49	4.17	4.20	4.67
2. Were all students actively encouraged to participate	5	0	0	0	0	5	1	4.17	899/1331	4.17	3.64	4.35	4.35	4.17
3. Did the instructor encourage fair and open discussion	5	0	0	1	1	1	3	4.00	1007/1333	4.00	3.69	4.40	4.41	4.00
4. Were special techniques successful	5	3	1	0	1	1	0	2.67	989/1014	2.67	3.60	4.05	4.04	2.67

## Student Course Evaluation Questionnaires

<b>Course-Section:</b>	<b>CMPE 311 01</b>
<b>Title:</b>	<b>C Prog &amp; Embedded System</b>
<b>Instructor:</b>	<b>Robucci,Ryan W</b>

**Term - Fall 2012**

<b>Enrollment:</b>	<b>15</b>
<b>Questionnaires:</b>	<b>11</b>

Questions	NR	NA	Frequencies					Instructor		Course	Org	UMBC	Level	Sect
			1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
<b>Laboratory</b>														
1. Did the lab increase understanding of the material	9	0	0	0	1	0	1	4.00	****/180	****	4.00	4.20	4.08	****
2. Were you provided with adequate background information	9	0	0	0	0	1	1	4.50	****/194	****	3.39	4.17	4.05	****
3. Were necessary materials available for lab activities	9	0	0	0	0	2	0	4.00	****/178	****	3.91	4.47	4.42	****
4. Did the lab instructor provide assistance	9	0	0	0	0	2	0	4.00	****/181	****	3.89	4.40	4.31	****
5. Were requirements for lab reports clearly specified	9	0	0	0	0	2	0	4.00	****/165	****	3.76	4.12	3.94	****
<b>Seminar</b>														
1. Were assigned topics relevant to the announced theme	10	0	0	0	0	1	0	4.00	****/62	****	****	4.46	5.00	****
2. Was the instructor available for individual attention	10	0	0	0	0	1	0	4.00	****/65	****	****	4.43	4.58	****

### Frequency Distribution

Credits Earned	Cum. GPA	Expected Grades	Reasons	Type	Majors						
00-27	0	0.00-0.99	0	A	3	Required for Majors	8	Graduate	0	Major	8
28-55	0	1.00-1.99	0	B	4						
56-83	0	2.00-2.99	1	C	1	General	0	Under-grad	11	Non-major	3
84-150	2	3.00-3.49	1	D	0						
Grad.	0	3.50-4.00	0	F	0	Electives	2	**** - Means there are not enough responses to be significant			
				P	0						
				I	0	Other	0				
				?	2						

## Student Course Evaluation Questionnaires

<b>Course-Section:</b>	<b>CMPE 314 01</b>
<b>Title:</b>	<b>Prin Of Electronic Circ</b>
<b>Instructor:</b>	<b>Yan,Li</b>

**Term - Fall 2012**

<b>Enrollment:</b>	<b>25</b>
<b>Questionnaires:</b>	<b>14</b>

Questions	NR	NA	Frequencies					Instructor		Course	Org	UMBC	Level	Sect
			1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
<b>General</b>														
1. Did you gain new insights,skills from this course	0	0	0	0	3	5	6	4.21	995/1589	4.21	4.37	4.32	4.33	4.21
2. Did the instructor make clear the expected goals	0	0	0	1	3	5	5	4.00	1151/1589	4.00	4.07	4.29	4.26	4.00
3. Did the exam questions reflect the expected goals	0	0	0	0	3	4	7	4.29	846/1391	4.29	4.26	4.34	4.30	4.29
4. Did other evaluations reflect the expected goals	0	3	0	0	5	3	3	3.82	1259/1552	3.82	4.13	4.25	4.24	3.82
5. Did assigned readings contribute to what you learned	0	5	0	1	4	2	2	3.56	1279/1495	3.56	3.69	4.14	4.11	3.56
6. Did written assignments contribute to what you learned	0	5	0	0	4	3	2	3.78	1112/1457	3.78	4.05	4.15	4.13	3.78
7. Was the grading system clearly explained	0	1	3	0	5	3	2	3.08	1500/1572	3.08	3.94	4.21	4.18	3.08
8. How many times was class cancelled	0	0	0	0	0	0	14	5.00	1/1589	5.00	4.73	4.66	4.67	5.00
9. How would you grade the overall teaching effectiveness	3	0	0	2	6	2	1	3.18	1479/1569	3.18	3.92	4.13	4.10	3.18
<b>Lecture</b>														
1. Were the instructor's lectures well prepared	0	0	1	1	0	5	7	4.14	1252/1530	4.14	4.44	4.49	4.49	4.14
2. Did the instructor seem interested in the subject	0	0	0	1	0	4	9	4.50	1261/1533	4.50	4.70	4.75	4.75	4.50
3. Was lecture material presented and explained clearly	0	0	1	3	3	5	2	3.29	1455/1528	3.29	3.95	4.35	4.33	3.29
4. Did the lectures contribute to what you learned	0	0	3	1	4	2	4	3.21	1466/1529	3.21	3.95	4.36	4.34	3.21
5. Did audiovisual techniques enhance your understanding	1	6	0	1	3	1	2	3.57	1104/1393	3.57	3.93	4.06	4.10	3.57
<b>Discussion</b>														
1. Did class discussions contribute to what you learned	9	0	1	1	2	0	1	2.80	1296/1337	2.80	3.49	4.17	4.20	2.80
2. Were all students actively encouraged to participate	10	0	1	1	1	0	1	2.75	1307/1331	2.75	3.64	4.35	4.35	2.75
3. Did the instructor encourage fair and open discussion	9	0	4	0	0	0	1	1.80	1330/1333	1.80	3.69	4.40	4.41	1.80
4. Were special techniques successful	10	3	0	0	0	0	1	5.00	****/1014	****	3.60	4.05	4.04	****



## Student Course Evaluation Questionnaires

<b>Course-Section:</b>	<b>CMPE 314 01</b>
<b>Title:</b>	<b>Prin Of Electronic Circ</b>
<b>Instructor:</b>	<b>Yan,Li</b>

**Term - Fall 2012**

<b>Enrollment:</b>	<b>25</b>
<b>Questionnaires:</b>	<b>14</b>

Questions	NR	NA	Frequencies					Instructor		Course	Org	UMBC	Level	Sect
			1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
<b>Laboratory</b>														
1. Did the lab increase understanding of the material	2	0	2	1	4	3	2	3.17	175/180	3.17	4.00	4.20	4.08	3.17
2. Were you provided with adequate background information	3	0	2	4	2	2	1	2.64	190/194	2.64	3.39	4.17	4.05	2.64
3. Were necessary materials available for lab activities	3	0	1	1	4	2	3	3.45	170/178	3.45	3.91	4.47	4.42	3.45
4. Did the lab instructor provide assistance	3	0	1	0	4	2	4	3.73	166/181	3.73	3.89	4.40	4.31	3.73
5. Were requirements for lab reports clearly specified	3	0	1	2	5	3	0	2.91	162/165	2.91	3.76	4.12	3.94	2.91

### Frequency Distribution

Credits Earned		Cum. GPA		Expected Grades		Reasons		Type		Majors	
00-27	0	0.00-0.99	0	A	6	Required for Majors	14	Graduate	0	Major	14
28-55	0	1.00-1.99	0	B	2						
56-83	2	2.00-2.99	1	C	4	General	0	Under-grad	14	Non-major	0
84-150	6	3.00-3.49	3	D	0						
Grad.	0	3.50-4.00	4	F	2	Electives	0	**** - Means there are not enough responses to be significant			
				P	0						
				I	0	Other	0				
				?	0						

## Student Course Evaluation Questionnaires

<b>Course-Section:</b>	<b>CMPE 315 01</b>
<b>Title:</b>	<b>Prin VLSI Design</b>
<b>Instructor:</b>	<b>Patel,Chintan</b>

**Term - Fall 2012**

<b>Enrollment:</b>	<b>10</b>
<b>Questionnaires:</b>	<b>7</b>

Questions	NR	NA	Frequencies					Instructor		Course	Org	UMBC	Level	Sect
			1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
<b>General</b>														
1. Did you gain new insights,skills from this course	0	0	0	1	0	0	6	4.57	557/1589	4.57	4.37	4.32	4.33	4.57
2. Did the instructor make clear the expected goals	0	0	0	0	2	0	5	4.43	734/1589	4.43	4.07	4.29	4.26	4.43
3. Did the exam questions reflect the expected goals	0	0	0	1	0	2	4	4.29	846/1391	4.29	4.26	4.34	4.30	4.29
4. Did other evaluations reflect the expected goals	0	2	0	1	0	0	4	4.40	668/1552	4.40	4.13	4.25	4.24	4.40
5. Did assigned readings contribute to what you learned	0	3	0	1	0	0	3	4.25	693/1495	4.25	3.69	4.14	4.11	4.25
6. Did written assignments contribute to what you learned	1	2	0	0	0	0	4	5.00	1/1457	5.00	4.05	4.15	4.13	5.00
7. Was the grading system clearly explained	0	0	1	0	0	1	5	4.29	801/1572	4.29	3.94	4.21	4.18	4.29
8. How many times was class cancelled	0	0	0	0	0	5	2	4.29	1322/1589	4.29	4.73	4.66	4.67	4.29
9. How would you grade the overall teaching effectiveness	0	0	0	0	1	1	5	4.57	312/1569	4.57	3.92	4.13	4.10	4.57
<b>Lecture</b>														
1. Were the instructor's lectures well prepared	0	0	0	0	0	0	7	5.00	1/1530	5.00	4.44	4.49	4.49	5.00
2. Did the instructor seem interested in the subject	0	0	0	0	1	0	6	4.71	1029/1533	4.71	4.70	4.75	4.75	4.71
3. Was lecture material presented and explained clearly	0	0	0	0	2	0	5	4.43	792/1528	4.43	3.95	4.35	4.33	4.43
4. Did the lectures contribute to what you learned	0	0	0	1	0	1	5	4.43	829/1529	4.43	3.95	4.36	4.34	4.43
5. Did audiovisual techniques enhance your understanding	0	2	0	1	1	0	3	4.00	796/1393	4.00	3.93	4.06	4.10	4.00
<b>Discussion</b>														
1. Did class discussions contribute to what you learned	4	0	1	0	1	0	1	3.00	1271/1337	3.00	3.49	4.17	4.20	3.00
2. Were all students actively encouraged to participate	4	0	1	0	1	1	0	2.67	1312/1331	2.67	3.64	4.35	4.35	2.67
3. Did the instructor encourage fair and open discussion	4	0	0	0	1	1	1	4.00	1007/1333	4.00	3.69	4.40	4.41	4.00

## Student Course Evaluation Questionnaires

<b>Course-Section:</b> CMPE 315 01	<b>Term - Fall 2012</b>	<b>Enrollment:</b> 10
<b>Title:</b> Prin VLSI Design		<b>Questionnaires:</b> 7
<b>Instructor:</b> Patel,Chintan		

Questions	NR	NA	Frequencies					Instructor		Course	Org	UMBC	Level	Sect
			1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
<b>Discussion</b>														
4. Were special techniques successful	4	2	0	1	0	0	0	2.00	****/1014	****	3.60	4.05	4.04	****

### Frequency Distribution

Credits Earned	Cum. GPA	Expected Grades	Reasons	Type	Majors
00-27	1	0.00-0.99 0	A 4	Required for Majors 5	Graduate 0
28-55	0	1.00-1.99 0	B 3		
56-83	0	2.00-2.99 0	C 0	General 0	Under-grad 7
84-150	3	3.00-3.49 1	D 0		
Grad.	0	3.50-4.00 3	F 0	Electives 0	**** - Means there are not enough responses to be significant
			P 0		
			I 0	Other 0	
			? 0		

## Student Course Evaluation Questionnaires

Course-Section: <b>CMPE 321 01</b>		Term - Fall 2012								Enrollment: <b>10</b>				
Title: <b>Communication Laboratory</b>										Questionnaires: <b>10</b>				
Instructor: <b>Choa,Fow-sen</b>														
		Frequencies					Instructor		Course	Org	UMBC	Level	Sect	
Questions	NR	NA	1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
<b>General</b>														
1. Did you gain new insights,skills from this course	0	0	0	0	0	1	9	4.90	156/1589	4.90	4.37	4.32	4.33	4.90
2. Did the instructor make clear the expected goals	0	0	0	0	4	4	2	3.80	1326/1589	3.80	4.07	4.29	4.26	3.80
4. Did other evaluations reflect the expected goals	0	0	1	1	1	4	3	3.70	1334/1552	3.70	4.13	4.25	4.24	3.70
5. Did assigned readings contribute to what you learned	0	7	0	0	2	0	1	3.67	1215/1495	3.67	3.69	4.14	4.11	3.67
6. Did written assignments contribute to what you learned	0	3	0	0	1	6	0	3.86	1042/1457	3.86	4.05	4.15	4.13	3.86
7. Was the grading system clearly explained	0	0	0	0	4	3	3	3.90	1190/1572	3.90	3.94	4.21	4.18	3.90
8. How many times was class cancelled	0	0	0	0	0	0	10	5.00	1/1589	5.00	4.73	4.66	4.67	5.00
9. How would you grade the overall teaching effectiveness	1	0	0	0	1	8	0	3.89	1098/1569	3.89	3.92	4.13	4.10	3.89
<b>Lecture</b>														
1. Were the instructor's lectures well prepared	0	0	0	0	0	3	7	4.70	577/1530	4.70	4.44	4.49	4.49	4.70
2. Did the instructor seem interested in the subject	0	0	0	0	0	0	10	5.00	1/1533	5.00	4.70	4.75	4.75	5.00
3. Was lecture material presented and explained clearly	0	0	0	1	3	4	2	3.70	1355/1528	3.70	3.95	4.35	4.33	3.70
4. Did the lectures contribute to what you learned	0	0	0	0	3	5	2	3.90	1251/1529	3.90	3.95	4.36	4.34	3.90
5. Did audiovisual techniques enhance your understanding	0	1	0	0	1	5	3	4.22	611/1393	4.22	3.93	4.06	4.10	4.22
<b>Discussion</b>														
1. Did class discussions contribute to what you learned	8	0	0	0	2	0	0	3.00	****/1337	****	3.49	4.17	4.20	****
2. Were all students actively encouraged to participate	8	0	0	0	1	1	0	3.50	****/1331	****	3.64	4.35	4.35	****
3. Did the instructor encourage fair and open discussion	8	0	0	0	0	0	2	5.00	****/1333	****	3.69	4.40	4.41	****
<b>Laboratory</b>														
1. Did the lab increase understanding of the material	5	0	0	0	0	1	4	4.80	21/180	4.80	4.00	4.20	4.08	4.80
2. Were you provided with adequate background information	5	0	0	0	1	3	1	4.00	121/194	4.00	3.39	4.17	4.05	4.00

## Student Course Evaluation Questionnaires

<b>Course-Section:</b>	<b>CMPE 321 01</b>
<b>Title:</b>	<b>Communication Laboratory</b>
<b>Instructor:</b>	<b>Choa,Fow-sen</b>

**Term - Fall 2012**

<b>Enrollment:</b>	<b>10</b>
<b>Questionnaires:</b>	<b>10</b>

Questions	NR	NA	Frequencies					Instructor		Course	Org	UMBC	Level	Sect
			1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
<b>Laboratory</b>														
3. Were necessary materials available for lab activities	5	0	0	0	0	2	3	4.60	85/178	4.60	3.91	4.47	4.42	4.60
4. Did the lab instructor provide assistance	5	0	0	0	0	1	4	4.80	36/181	4.80	3.89	4.40	4.31	4.80
5. Were requirements for lab reports clearly specified	5	0	0	0	0	4	1	4.20	89/165	4.20	3.76	4.12	3.94	4.20

### Frequency Distribution

Credits Earned		Cum. GPA		Expected Grades		Reasons		Type		Majors	
00-27	0	0.00-0.99	0	A	6	Required for Majors	3	Graduate	0	Major	10
28-55	0	1.00-1.99	0	B	3						
56-83	0	2.00-2.99	0	C	0	General	0	Under-grad	10	Non-major	0
84-150	3	3.00-3.49	1	D	0						
Grad.	0	3.50-4.00	2	F	0	Electives	6	**** - Means there are not enough responses to be significant			
				P	0						
				I	0	Other	0				
				?	1						

## Student Course Evaluation Questionnaires

<b>Course-Section:</b>	<b>CMPE 323 01</b>
<b>Title:</b>	<b>Signal/Systems Theory</b>
<b>Instructor:</b>	<b>Morris,Joel M</b>

**Term - Fall 2012**

<b>Enrollment:</b>	<b>27</b>
<b>Questionnaires:</b>	<b>23</b>

Questions	NR	NA	Frequencies					Instructor		Course	Org	UMBC	Level	Sect
			1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
<b>General</b>														
1. Did you gain new insights,skills from this course	0	0	3	1	7	7	5	3.43	1516/1589	3.43	4.37	4.32	4.33	3.43
2. Did the instructor make clear the expected goals	0	0	1	4	10	5	3	3.22	1534/1589	3.22	4.07	4.29	4.26	3.22
3. Did the exam questions reflect the expected goals	0	1	1	5	6	3	7	3.45	1305/1391	3.45	4.26	4.34	4.30	3.45
4. Did other evaluations reflect the expected goals	0	11	1	2	2	3	4	3.58	1389/1552	3.58	4.13	4.25	4.24	3.58
5. Did assigned readings contribute to what you learned	0	5	2	6	4	3	3	2.94	1447/1495	2.94	3.69	4.14	4.11	2.94
6. Did written assignments contribute to what you learned	0	10	0	2	6	3	2	3.38	1320/1457	3.38	4.05	4.15	4.13	3.38
7. Was the grading system clearly explained	0	0	4	4	2	8	5	3.26	1472/1572	3.26	3.94	4.21	4.18	3.26
8. How many times was class cancelled	0	0	0	0	0	14	9	4.39	1222/1589	4.39	4.73	4.66	4.67	4.39
9. How would you grade the overall teaching effectiveness	3	0	4	4	6	5	1	2.75	1541/1569	2.75	3.92	4.13	4.10	2.75
<b>Lecture</b>														
1. Were the instructor's lectures well prepared	1	0	1	4	3	9	5	3.59	1457/1530	3.59	4.44	4.49	4.49	3.59
2. Did the instructor seem interested in the subject	1	0	0	3	2	6	11	4.14	1460/1533	4.14	4.70	4.75	4.75	4.14
3. Was lecture material presented and explained clearly	1	0	3	7	5	4	3	2.86	1497/1528	2.86	3.95	4.35	4.33	2.86
4. Did the lectures contribute to what you learned	1	0	6	4	6	3	3	2.68	1505/1529	2.68	3.95	4.36	4.34	2.68
5. Did audiovisual techniques enhance your understanding	2	5	5	2	4	3	2	2.69	1359/1393	2.69	3.93	4.06	4.10	2.69
<b>Discussion</b>														
1. Did class discussions contribute to what you learned	7	0	8	2	1	2	3	2.38	1324/1337	2.38	3.49	4.17	4.20	2.38
2. Were all students actively encouraged to participate	7	0	8	2	1	3	2	2.31	1326/1331	2.31	3.64	4.35	4.35	2.31
3. Did the instructor encourage fair and open discussion	7	0	6	1	5	2	2	2.56	1322/1333	2.56	3.69	4.40	4.41	2.56

## Student Course Evaluation Questionnaires

<b>Course-Section:</b>	<b>CMPE 323 01</b>
<b>Title:</b>	<b>Signal/Systems Theory</b>
<b>Instructor:</b>	<b>Morris,Joel M</b>

**Term - Fall 2012**

<b>Enrollment:</b>	<b>27</b>
<b>Questionnaires:</b>	<b>23</b>

Questions	NR	NA	Frequencies					Instructor		Course	Org	UMBC	Level	Sect
			1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
<b>Discussion</b>														
4. Were special techniques successful	7	11	4	0	0	0	1	1.80	****/1014	****	3.60	4.05	4.04	****

### Frequency Distribution

Credits Earned	Cum. GPA	Expected Grades	Reasons	Type	Majors
00-27	1	0.00-0.99 0	A 3	Required for Majors 18	Graduate 0
28-55	0	1.00-1.99 0	B 8		Major 19
56-83	2	2.00-2.99 1	C 3	General 0	Under-grad 23
84-150	10	3.00-3.49 5	D 0		Non-major 4
Grad.	0	3.50-4.00 9	F 1	Electives 4	
			P 0		
			I 0	Other 0	
			? 1		

\*\*\*\* - Means there are not enough responses to be significant

## Student Course Evaluation Questionnaires

<b>Course-Section:</b> CMPE 447 01	<b>Term - Fall 2012</b>	<b>Enrollment:</b> 14
<b>Title:</b> Analog IC Design		<b>Questionnaires:</b> 8
<b>Instructor:</b> Robucci,Ryan W		

Questions	NR	NA	Frequencies					Instructor		Course	Org	UMBC	Level	Sect
			1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
<b>General</b>														
1. Did you gain new insights,skills from this course	0	0	0	0	1	1	6	4.63	491/1589	4.63	4.37	4.32	4.46	4.63
2. Did the instructor make clear the expected goals	0	0	1	0	2	0	5	4.00	1151/1589	4.00	4.07	4.29	4.35	4.00
3. Did the exam questions reflect the expected goals	0	0	0	0	0	3	5	4.63	455/1391	4.63	4.26	4.34	4.46	4.63
4. Did other evaluations reflect the expected goals	0	1	0	0	0	2	5	4.71	286/1552	4.71	4.13	4.25	4.37	4.71
5. Did assigned readings contribute to what you learned	0	0	0	1	1	1	5	4.25	693/1495	4.25	3.69	4.14	4.25	4.25
6. Did written assignments contribute to what you learned	0	0	0	0	0	3	5	4.63	288/1457	4.63	4.05	4.15	4.30	4.63
7. Was the grading system clearly explained	0	0	1	0	0	2	5	4.25	843/1572	4.25	3.94	4.21	4.28	4.25
8. How many times was class cancelled	1	0	0	0	0	0	7	5.00	1/1589	5.00	4.73	4.66	4.68	5.00
9. How would you grade the overall teaching effectiveness	3	0	0	1	1	1	2	3.80	1170/1569	3.80	3.92	4.13	4.22	3.80
<b>Lecture</b>														
1. Were the instructor's lectures well prepared	0	0	0	0	1	1	6	4.63	711/1530	4.63	4.44	4.49	4.56	4.63
2. Did the instructor seem interested in the subject	1	0	0	0	0	0	7	5.00	1/1533	5.00	4.70	4.75	4.76	5.00
3. Was lecture material presented and explained clearly	0	0	1	0	1	2	4	4.00	1171/1528	4.00	3.95	4.35	4.41	4.00
4. Did the lectures contribute to what you learned	0	0	0	0	1	3	4	4.38	883/1529	4.38	3.95	4.36	4.44	4.38
5. Did audiovisual techniques enhance your understanding	2	0	0	0	0	2	4	4.67	221/1393	4.67	3.93	4.06	4.18	4.67
<b>Discussion</b>														
1. Did class discussions contribute to what you learned	4	0	1	0	0	0	3	4.00	823/1337	4.00	3.49	4.17	4.36	4.00
2. Were all students actively encouraged to participate	4	0	0	0	0	0	4	5.00	1/1331	5.00	3.64	4.35	4.56	5.00
3. Did the instructor encourage fair and open discussion	4	0	0	0	1	0	3	4.50	702/1333	4.50	3.69	4.40	4.63	4.50
4. Were special techniques successful	4	0	1	0	0	0	3	4.00	554/1014	4.00	3.60	4.05	4.32	4.00



## Student Course Evaluation Questionnaires

<b>Course-Section:</b>	<b>CMPE 447 01</b>
<b>Title:</b>	<b>Analog IC Design</b>
<b>Instructor:</b>	<b>Robucci,Ryan W</b>

**Term - Fall 2012**

<b>Enrollment:</b>	<b>14</b>
<b>Questionnaires:</b>	<b>8</b>

Questions	NR	NA	Frequencies					Instructor		Course	Org	UMBC	Level	Sect
			1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
<b>Laboratory</b>														
1. Did the lab increase understanding of the material	7	0	0	0	0	0	1	5.00	****/180	****	4.00	4.20	4.31	****
2. Were you provided with adequate background information	7	0	0	0	0	0	1	5.00	****/194	****	3.39	4.17	4.27	****
3. Were necessary materials available for lab activities	7	0	0	0	0	0	1	5.00	****/178	****	3.91	4.47	4.32	****
<b>Seminar</b>														
1. Were assigned topics relevant to the announced theme	7	0	0	0	0	0	1	5.00	****/62	****	****	4.46	4.56	****

### Frequency Distribution

Credits Earned	Cum. GPA	Expected Grades	Reasons	Type	Majors						
00-27	1	0.00-0.99	0	A	1	Required for Majors	0	Graduate	0	Major	3
28-55	0	1.00-1.99	0	B	2						
56-83	0	2.00-2.99	1	C	1	General	0	Under-grad	8	Non-major	5
84-150	2	3.00-3.49	0	D	1						
Grad.	0	3.50-4.00	2	F	0	Electives	3	**** - Means there are not enough responses to be significant			
				P	0						
				I	0	Other	1				
				?	3						

## Student Course Evaluation Questionnaires

<b>Course-Section:</b>	<b>CMPE 450 01</b>
<b>Title:</b>	<b>Capstone I</b>
<b>Instructor:</b>	<b>LaBerge,E F</b>

**Term - Fall 2012**

<b>Enrollment:</b>	<b>27</b>
<b>Questionnaires:</b>	<b>20</b>

Questions	NR	NA	Frequencies					Instructor		Course	Org	UMBC	Level	Sect
			1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
<b>General</b>														
1. Did you gain new insights,skills from this course	0	0	1	1	3	13	2	3.70	1424/1589	3.70	4.37	4.32	4.46	3.70
2. Did the instructor make clear the expected goals	0	0	1	1	0	12	6	4.05	1121/1589	4.05	4.07	4.29	4.35	4.05
3. Did the exam questions reflect the expected goals	0	17	0	0	0	3	0	4.00	****/1391	****	4.26	4.34	4.46	****
4. Did other evaluations reflect the expected goals	1	3	0	1	0	11	4	4.13	987/1552	4.13	4.13	4.25	4.37	4.13
5. Did assigned readings contribute to what you learned	1	15	0	1	0	3	0	3.50	****/1495	****	3.69	4.14	4.25	****
6. Did written assignments contribute to what you learned	1	4	2	1	1	8	3	3.60	1228/1457	3.60	4.05	4.15	4.30	3.60
7. Was the grading system clearly explained	0	1	0	0	5	5	9	4.21	899/1572	4.21	3.94	4.21	4.28	4.21
8. How many times was class cancelled	0	0	0	0	1	1	18	4.85	598/1589	4.85	4.73	4.66	4.68	4.85
9. How would you grade the overall teaching effectiveness	3	0	0	0	2	8	7	4.29	646/1569	4.29	3.92	4.13	4.22	4.29
<b>Lecture</b>														
1. Were the instructor's lectures well prepared	2	0	0	0	0	4	14	4.78	452/1530	4.78	4.44	4.49	4.56	4.78
2. Did the instructor seem interested in the subject	2	0	0	0	0	3	15	4.83	786/1533	4.83	4.70	4.75	4.76	4.83
3. Was lecture material presented and explained clearly	2	0	0	0	0	6	12	4.67	479/1528	4.67	3.95	4.35	4.41	4.67
4. Did the lectures contribute to what you learned	2	0	2	0	2	5	9	4.06	1151/1529	4.06	3.95	4.36	4.44	4.06
5. Did audiovisual techniques enhance your understanding	2	4	0	0	1	6	7	4.43	417/1393	4.43	3.93	4.06	4.18	4.43
<b>Discussion</b>														
1. Did class discussions contribute to what you learned	15	0	0	0	2	2	1	3.80	991/1337	3.80	3.49	4.17	4.36	3.80
2. Were all students actively encouraged to participate	15	0	0	0	0	3	2	4.40	715/1331	4.40	3.64	4.35	4.56	4.40
3. Did the instructor encourage fair and open discussion	15	0	0	0	1	0	4	4.60	615/1333	4.60	3.69	4.40	4.63	4.60
4. Were special techniques successful	15	1	0	1	0	2	1	3.75	****/1014	****	3.60	4.05	4.32	****

## Student Course Evaluation Questionnaires

<b>Course-Section:</b>	<b>CMPE 450 01</b>
<b>Title:</b>	<b>Capstone I</b>
<b>Instructor:</b>	<b>LaBerge,E F</b>

**Term - Fall 2012**

<b>Enrollment:</b>	<b>27</b>
<b>Questionnaires:</b>	<b>20</b>

Questions	NR	NA	Frequencies					Instructor		Course	Org	UMBC	Level	Sect
			1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
<b>Laboratory</b>														
1. Did the lab increase understanding of the material	17	0	0	0	0	0	3	5.00	****/180	****	4.00	4.20	4.31	****
2. Were you provided with adequate background information	17	0	0	0	1	2	0	3.67	****/194	****	3.39	4.17	4.27	****
3. Were necessary materials available for lab activities	17	0	0	0	0	2	1	4.33	****/178	****	3.91	4.47	4.32	****
4. Did the lab instructor provide assistance	17	0	0	0	1	2	0	3.67	****/181	****	3.89	4.40	4.37	****
5. Were requirements for lab reports clearly specified	17	1	0	0	0	2	0	4.00	****/165	****	3.76	4.12	4.09	****

### Frequency Distribution

Credits Earned		Cum. GPA		Expected Grades		Reasons		Type		Majors	
00-27	0	0.00-0.99	0	A	13	Required for Majors	17	Graduate	0	Major	20
28-55	0	1.00-1.99	0	B	3						
56-83	0	2.00-2.99	0	C	0	General	0	Under-grad	20	Non-major	0
84-150	10	3.00-3.49	4	D	0						
Grad.	0	3.50-4.00	8	F	0	Electives	0	**** - Means there are not enough responses to be significant			
				P	0						
				I	0	Other	0				
				?	2						

## Student Course Evaluation Questionnaires

<b>Course-Section:</b> CMPE 640 01	<b>Term - Fall 2012</b>	<b>Enrollment:</b> 20
<b>Title:</b> Custom VLSI Design		<b>Questionnaires:</b> 18
<b>Instructor:</b> Patel,Chintan		

Questions	NR	NA	Frequencies					Instructor		Course	Org	UMBC	Level	Sect
			1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
<b>General</b>														
1. Did you gain new insights,skills from this course	0	0	0	2	0	4	12	4.44	726/1589	4.44	4.37	4.32	4.39	4.44
2. Did the instructor make clear the expected goals	0	0	0	0	3	4	11	4.44	704/1589	4.44	4.07	4.29	4.33	4.44
3. Did the exam questions reflect the expected goals	0	0	1	0	0	8	9	4.33	799/1391	4.33	4.26	4.34	4.40	4.33
4. Did other evaluations reflect the expected goals	0	1	1	0	2	3	11	4.35	731/1552	4.35	4.13	4.25	4.30	4.35
5. Did assigned readings contribute to what you learned	0	8	0	1	3	4	2	3.70	1191/1495	3.70	3.69	4.14	4.18	3.70
6. Did written assignments contribute to what you learned	0	4	1	0	2	2	9	4.29	649/1457	4.29	4.05	4.15	4.30	4.29
7. Was the grading system clearly explained	0	0	0	0	2	6	10	4.44	586/1572	4.44	3.94	4.21	4.29	4.44
8. How many times was class cancelled	0	0	0	0	0	12	6	4.33	1276/1589	4.33	4.73	4.66	4.79	4.33
9. How would you grade the overall teaching effectiveness	2	1	0	0	2	5	8	4.40	509/1569	4.40	3.92	4.13	4.18	4.40
<b>Lecture</b>														
1. Were the instructor's lectures well prepared	0	0	0	0	1	2	15	4.78	452/1530	4.78	4.44	4.49	4.55	4.78
2. Did the instructor seem interested in the subject	0	0	0	1	0	0	17	4.83	786/1533	4.83	4.70	4.75	4.82	4.83
3. Was lecture material presented and explained clearly	0	0	0	1	0	2	15	4.72	391/1528	4.72	3.95	4.35	4.38	4.72
4. Did the lectures contribute to what you learned	0	0	0	0	2	5	11	4.50	739/1529	4.50	3.95	4.36	4.38	4.50
5. Did audiovisual techniques enhance your understanding	1	4	0	0	0	6	7	4.54	324/1393	4.54	3.93	4.06	3.91	4.54
<b>Discussion</b>														
1. Did class discussions contribute to what you learned	5	0	0	0	2	3	8	4.46	491/1337	4.46	3.49	4.17	4.29	4.46
2. Were all students actively encouraged to participate	5	0	0	0	2	2	9	4.54	599/1331	4.54	3.64	4.35	4.51	4.54
3. Did the instructor encourage fair and open discussion	5	0	0	0	2	4	7	4.38	795/1333	4.38	3.69	4.40	4.51	4.38
4. Were special techniques successful	5	6	1	0	0	1	5	4.29	375/1014	4.29	3.60	4.05	4.13	4.29

## Student Course Evaluation Questionnaires

<b>Course-Section:</b>	<b>CMPE 640 01</b>
<b>Title:</b>	<b>Custom VLSI Design</b>
<b>Instructor:</b>	<b>Patel,Chintan</b>

**Term - Fall 2012**

<b>Enrollment:</b>	<b>20</b>
<b>Questionnaires:</b>	<b>18</b>

Questions	NR	NA	Frequencies					Instructor		Course	Org	UMBC	Level	Sect
			1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
<b>Laboratory</b>														
1. Did the lab increase understanding of the material	6	0	0	1	0	2	9	4.58	42/180	4.58	4.00	4.20	4.40	4.58
2. Were you provided with adequate background information	6	0	0	2	0	4	6	4.17	109/194	4.17	3.39	4.17	4.15	4.17
3. Were necessary materials available for lab activities	6	0	0	1	0	4	7	4.42	114/178	4.42	3.91	4.47	4.63	4.42
4. Did the lab instructor provide assistance	7	0	0	2	0	1	8	4.36	112/181	4.36	3.89	4.40	4.38	4.36
5. Were requirements for lab reports clearly specified	7	0	0	1	1	3	6	4.27	79/165	4.27	3.76	4.12	4.43	4.27
<b>Seminar</b>														
1. Were assigned topics relevant to the announced theme	12	2	0	0	0	0	4	5.00	****/62	****	****	4.46	4.44	****
2. Was the instructor available for individual attention	13	2	0	0	0	0	3	5.00	****/65	****	****	4.43	4.61	****
3. Did research projects contribute to what you learned	13	2	1	0	1	0	1	3.00	****/63	****	****	4.29	4.42	****
4. Did presentations contribute to what you learned	13	2	0	0	0	0	3	5.00	****/61	****	****	4.47	4.33	****
5. Were criteria for grading made clear	13	2	0	0	0	0	3	5.00	****/61	****	****	4.19	4.22	****
<b>Field Work</b>														
1. Did field experience contribute to what you learned	14	0	0	0	0	1	3	4.75	****/40	****	****	3.85	4.75	****
2. Did you clearly understand your evaluation criteria	14	0	0	0	0	2	2	4.50	****/40	****	****	3.89	4.83	****
3. Was the instructor available for consultation	14	0	0	0	0	0	4	5.00	****/32	****	****	4.30	4.67	****
4. To what degree could you discuss your evaluations	14	0	0	0	0	0	4	5.00	****/29	****	****	4.15	4.17	****
5. Did conferences help you carry out field activities	14	0	0	0	0	0	4	5.00	****/21	****	****	4.32	4.00	****
<b>Self Paced</b>														
1. Did self-paced system contribute to what you learned	14	0	0	0	0	0	4	5.00	****/39	****	****	4.00	4.10	****
2. Did study questions make clear the expected goal	14	1	0	0	0	0	3	5.00	****/22	****	****	4.12	4.54	****
3. Were your contacts with the instructor helpful	14	0	0	0	0	0	4	5.00	****/33	****	****	4.42	4.63	****

## Student Course Evaluation Questionnaires

<b>Course-Section:</b>	<b>CMPE 640 01</b>
<b>Title:</b>	<b>Custom VLSI Design</b>
<b>Instructor:</b>	<b>Patel,Chintan</b>

**Term - Fall 2012**

<b>Enrollment:</b>	<b>20</b>
<b>Questionnaires:</b>	<b>18</b>

Questions	NR	NA	Frequencies					Instructor		Course	Org	UMBC	Level	Sect
			1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
<b>Self Paced</b>														
4. Was the feedback/tutoring by proctors helpful	14	1	1	0	0	1	1	3.33	****/19	****	****	4.44	4.06	****
5. Were there enough proctors for all the students	14	1	0	1	0	0	2	4.00	****/16	****	****	4.25	4.25	****

### Frequency Distribution

Credits Earned	Cum. GPA	Expected Grades	Reasons	Type	Majors						
00-27	3	0.00-0.99	1	A	13	Required for Majors	16	Graduate	5	Major	14
28-55	0	1.00-1.99	0	B	5						
56-83	0	2.00-2.99	0	C	0	General	0	Under-grad	13	Non-major	4
84-150	6	3.00-3.49	2	D	0						
Grad.	5	3.50-4.00	6	F	0	Electives	2	**** - Means there are not enough responses to be significant			
				P	0						
				I	0	Other	0				
				?	0						