Student Course Evaluation Questionnaires

Course-Section: ENME 110 01			Term - Fall 2013						Enrollment: 60			
Title: Statics									Questionnaires: 34			
Instructor: Farquhar,Anthon												

			Frequencies					Instructor		Course	Org	UMBC	Level	Sect
Questions	NR	NA	1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
General														
1. Did you gain new insights,skills from this course	0	0	0	2	7	13	12	4.03	1202/1644	4.03	4.28	4.32	4.16	4.03
2. Did the instructor make clear the expected goals	0	0	1	0	7	18	8	3.94	1267/1644	3.94	4.12	4.28	4.23	3.94
3. Did the exam questions reflect the expected goals	0	0	1	2	5	13	13	4.03	1082/1419	4.03	4.22	4.35	4.25	4.03
4. Did other evaluations reflect the expected goals	0	12	2	4	2	7	7	3.59	1394/1596	3.59	4.11	4.24	4.09	3.59
5. Did assigned readings contribute to what you learned	0	7	2	4	6	6	9	3.59	1275/1535	3.59	3.84	4.15	4.02	3.59
6. Did written assignments contribute to what you learned	0	17	1	0	3	8	5	3.94	987/1510	3.94	4.04	4.13	3.91	3.94
7. Was the grading system clearly explained	0	0	2	2	5	10	15	4.00	1134/1620	4.00	4.18	4.20	4.13	4.00
8. How many times was class cancelled	2	0	0	1	0	10	21	4.59	1122/1642	4.59	4.80	4.68	4.68	4.59
9. How would you grade the overall teaching effectiveness	6	1	1	1	9	11	5	3.67	1302/1596	3.67	3.94	4.12	4.07	3.67
Lecture														
1. Were the instructor's lectures well prepared	0	0	2	1	17	9	5	3.41	1478/1534	3.41	4.29	4.48	4.45	3.41
2. Did the instructor seem interested in the subject	0	0	0	0	3	13	18	4.44	1339/1539	4.44	4.71	4.76	4.72	4.44
3. Was lecture material presented and explained clearly	1	0	0	8	10	8	7	3.42	1408/1531	3.42	4.00	4.33	4.30	3.42
4. Did the lectures contribute to what you learned	0	0	5	3	7	10	9	3.44	1400/1530	3.44	4.06	4.35	4.30	3.44
5. Did audiovisual techniques enhance your understanding	3	6	1	4	9	6	5	3.40	1211/1409	3.40	3.92	4.08	3.97	3.40
Discussion														
1. Did class discussions contribute to what you learned	6	0	2	0	4	6	16	4.21	749/1366	4.21	3.81	4.18	3.96	4.21
2. Were all students actively encouraged to participate	6	0	1	0	6	9	12	4.11	962/1364	4.11	3.59	4.33	4.10	4.11
3. Did the instructor encourage fair and open discussion	7	0	2	0	6	5	14	4.07	1013/1361	4.07	3.67	4.39	4.17	4.07
4. Were special techniques successful	6	12	0	3	3	4	6	3.81	719/1019	3.81	3.43	4.09	3.97	3.81

Student Course Evaluation Questionnaires

Course-Section:	ENME 110 01		Term - Fall 2013						Enrollment:	60			
Title:	Statics								Questionnaires:	34			
Instructor:	Farquhar,Anthon												

			Frequencies					Instructor		Course	Org	UMBC	Level	Sect
Questions	NR	NA	1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
Laboratory														
1. Did the lab increase understanding of the material	33	0	0	0	0	0	1	5.00	****/185	****	4.05	4.23	4.19	****
2. Were you provided with adequate background information	33	0	0	0	0	0	1	5.00	****/209	****	3.92	4.19	4.18	****
3. Were necessary materials available for lab activities	33	0	0	0	0	0	1	5.00	****/181	****	3.97	4.53	4.68	****
4. Did the lab instructor provide assistance	33	0	0	0	0	0	1	5.00	****/183	****	4.15	4.46	4.50	****
5. Were requirements for lab reports clearly specified	33	0	0	0	0	0	1	5.00	****/172	****	3.48	4.14	4.22	****
Seminar														
1. Were assigned topics relevant to the announced theme	33	0	0	0	0	0	1	5.00	****/72	****	****	4.53	4.35	****
2. Was the instructor available for individual attention	33	0	0	0	0	1	0	4.00	****/71	****	****	4.38	4.21	****
3. Did research projects contribute to what you learned	33	0	0	0	0	0	1	5.00	****/68	****	****	4.41	4.22	****
4. Did presentations contribute to what you learned	33	0	0	0	0	1	0	4.00	****/71	****	****	4.40	4.19	****
5. Were criteria for grading made clear	33	0	0	0	0	0	1	5.00	****/73	****	****	4.09	3.85	****
Field Work														
1. Did field experience contribute to what you learned	33	0	0	0	0	1	0	4.00	****/48	****	****	4.16	3.97	****
2. Did you clearly understand your evaluation criteria	33	0	0	0	0	1	0	4.00	****/45	****	****	4.19	3.97	****
3. Was the instructor available for consultation	33	0	0	0	0	1	0	4.00	****/30	****	****	4.57	4.58	****
4. To what degree could you discuss your evaluations	33	0	0	0	0	1	0	4.00	****/27	****	****	4.25	4.37	****
5. Did conferences help you carry out field activities	33	0	0	0	0	1	0	4.00	****/25	****	****	4.35	4.63	****
Self Paced														
1. Did self-paced system contribute to what you learned	33	0	0	0	0	0	1	5.00	****/51	****	****	4.03	4.19	****
2. Did study questions make clear the expected goal	33	0	0	0	0	0	1	5.00	****/31	****	****	4.18	4.46	****
3. Were your contacts with the instructor helpful	33	0	0	0	0	0	1	5.00	****/36	****	****	4.33	4.38	****

Student Course Evaluation Questionnaires

Course-Section: ENME 110 01	Term - Fall 2013	Enrollment: 60
Title: Statics		Questionnaires: 34
Instructor: Farquhar,Anthon		

Questions	NR	NA	Frequencies					Instructor		Course	Org	UMBC	Level	Sect
			1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
Self Paced														
4. Was the feedback/tutoring by proctors helpful	33	0	0	0	0	0	1	5.00	****/19	****	****	4.17	4.29	****
5. Were there enough proctors for all the students	33	0	0	0	0	0	1	5.00	****/14	****	****	4.17	4.35	****

Frequency Distribution

Credits Earned		Cum. GPA		Expected Grades		Reasons		Type		Majors	
00-27	1	0.00-0.99	1	A	8	Required for Majors	27	Graduate	0	Major	20
28-55	6	1.00-1.99	0	B	16						
56-83	7	2.00-2.99	5	C	0	General	0	Under-grad	34	Non-major	14
84-150	0	3.00-3.49	5	D	1						
Grad.	0	3.50-4.00	2	F	0	Electives	0	**** - Means there are not enough responses			
				P	0			to be significant			
				I	0	Other	0				
				?	7						

Student Course Evaluation Questionnaires

Course-Section:	ENME 204 01				Term - Fall 2013					Enrollment: 37

Title:	Intro Engr Design W/ Cad									Questionnaires: 37

Instructor:	Lee,Soobum

			Frequencies					Instructor		Course	Org	UMBC	Level	Sect
Questions	NR	NA	1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
General														
1. Did you gain new insights,skills from this course	5	0	2	2	10	10	8	3.63	1475/1644	3.63	4.28	4.32	4.36	3.63
2. Did the instructor make clear the expected goals	5	0	1	3	15	6	7	3.47	1512/1644	3.47	4.12	4.28	4.35	3.47
3. Did the exam questions reflect the expected goals	4	0	2	6	10	9	6	3.33	1344/1419	3.33	4.22	4.35	4.42	3.33
4. Did other evaluations reflect the expected goals	4	0	0	7	7	9	10	3.67	1361/1596	3.67	4.11	4.24	4.31	3.67
5. Did assigned readings contribute to what you learned	5	15	6	1	7	1	2	2.53	1517/1535	2.53	3.84	4.15	4.20	2.53
6. Did written assignments contribute to what you learned	5	0	4	5	10	9	4	3.13	1430/1510	3.13	4.04	4.13	4.17	3.13
7. Was the grading system clearly explained	6	0	0	7	8	8	8	3.55	1413/1620	3.55	4.18	4.20	4.25	3.55
8. How many times was class cancelled	5	0	0	0	0	1	31	4.97	253/1642	4.97	4.80	4.68	4.67	4.97
9. How would you grade the overall teaching effectiveness	10	0	1	3	14	8	1	3.19	1498/1596	3.19	3.94	4.12	4.13	3.19
Lecture														
1. Were the instructor's lectures well prepared	5	0	1	0	7	11	13	4.09	1264/1534	4.09	4.29	4.48	4.51	4.09
2. Did the instructor seem interested in the subject	5	0	0	0	4	8	20	4.50	1298/1539	4.50	4.71	4.76	4.80	4.50
3. Was lecture material presented and explained clearly	5	0	3	5	8	6	10	3.47	1401/1531	3.47	4.00	4.33	4.38	3.47
4. Did the lectures contribute to what you learned	5	0	5	4	14	3	6	3.03	1467/1530	3.03	4.06	4.35	4.41	3.03
5. Did audiovisual techniques enhance your understanding	5	0	5	4	4	8	11	3.50	1168/1409	3.50	3.92	4.08	4.23	3.50
Discussion														
1. Did class discussions contribute to what you learned	6	0	3	0	4	7	17	4.13	818/1366	4.13	3.81	4.18	4.24	4.13
2. Were all students actively encouraged to participate	6	0	0	2	6	5	18	4.26	877/1364	4.26	3.59	4.33	4.39	4.26
3. Did the instructor encourage fair and open discussion	7	0	1	2	3	5	19	4.30	900/1361	4.30	3.67	4.39	4.48	4.30
4. Were special techniques successful	7	9	2	4	6	3	6	3.33	911/1019	3.33	3.43	4.09	4.14	3.33

Student Course Evaluation Questionnaires

Course-Section: ENME 204 01	Term - Fall 2013	Enrollment: 37
Title: Intro Engr Design W/ Cad		Questionnaires: 37
Instructor: Lee,Soobum		

Questions	NR	NA	Frequencies 1	2	3	4	5	Instructor Mean	Instructor Rank	Course Mean	Org Mean	UMBC Mean	Level Mean	Sect Mean
Laboratory														
1. Did the lab increase understanding of the material	15	0	1	0	1	8	12	4.36	89/185	4.36	4.05	4.23	4.42	4.36
2. Were you provided with adequate background information	15	0	0	1	3	5	13	4.36	104/209	4.36	3.92	4.19	4.45	4.36
3. Were necessary materials available for lab activities	15	1	2	0	2	4	13	4.24	151/181	4.24	3.97	4.53	4.67	4.24
4. Did the lab instructor provide assistance	15	0	0	0	1	3	18	4.77	49/183	4.77	4.15	4.46	4.64	4.77
5. Were requirements for lab reports clearly specified	15	0	0	1	1	5	15	4.55	44/172	4.55	3.48	4.14	4.50	4.55
Seminar														
1. Were assigned topics relevant to the announced theme	33	1	0	1	2	0	0	2.67	****/72	****	****	4.53	4.71	****
2. Was the instructor available for individual attention	34	0	0	0	1	2	0	3.67	****/71	****	****	4.38	4.63	****
3. Did research projects contribute to what you learned	34	0	1	0	1	1	0	2.67	****/68	****	****	4.41	4.25	****
4. Did presentations contribute to what you learned	34	0	0	0	1	2	0	3.67	****/71	****	****	4.40	4.47	****
5. Were criteria for grading made clear	34	0	0	0	1	2	0	3.67	****/73	****	****	4.09	3.99	****
Field Work														
1. Did field experience contribute to what you learned	34	0	0	1	1	1	0	3.00	****/48	****	****	4.16	4.81	****
2. Did you clearly understand your evaluation criteria	34	0	0	0	1	2	0	3.67	****/45	****	****	4.19	4.58	****
3. Was the instructor available for consultation	34	0	0	0	1	2	0	3.67	****/30	****	****	4.57	4.57	****
4. To what degree could you discuss your evaluations	34	0	0	0	1	2	0	3.67	****/27	****	****	4.25	5.00	****
5. Did conferences help you carry out field activities	34	0	0	0	2	1	0	3.33	****/25	****	****	4.35	5.00	****
Self Paced														
1. Did self-paced system contribute to what you learned	34	0	0	0	1	2	0	3.67	****/51	****	****	4.03	5.00	****
2. Did study questions make clear the expected goal	34	0	0	0	3	0	0	3.00	****/31	****	****	4.18	5.00	****
3. Were your contacts with the instructor helpful	34	0	0	0	2	1	0	3.33	****/36	****	****	4.33	****	****

Student Course Evaluation Questionnaires

Course-Section: ENME 204 01	Term - Fall 2013	Enrollment: 37
Title: Intro Engr Design W/ Cad		Questionnaires: 37
Instructor: Lee,Soobum		

Questions	NR	NA	Frequencies					Instructor		Course	Org	UMBC	Level	Sect
			1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
Self Paced														
4. Was the feedback/tutoring by proctors helpful	34	0	0	1	2	0	0	2.67	****/19	****	****	4.17	****	****
5. Were there enough proctors for all the students	34	0	0	0	1	2	0	3.67	****/14	****	****	4.17	****	****

Frequency Distribution

Credits Earned		Cum. GPA		Expected Grades		Reasons		Type		Majors	
00-27	0	0.00-0.99	1	A	16	Required for Majors	29	Graduate	0	Major	29
28-55	0	1.00-1.99	0	B	11						
56-83	6	2.00-2.99	3	C	1	General	0	Under-grad	37	Non-major	8
84-150	10	3.00-3.49	8	D	0						
Grad.	0	3.50-4.00	5	F	0	Electives	0	**** - Means there are not enough responses			
				P	0			to be significant			
				I	0	Other	0				
				?	9						

Student Course Evaluation Questionnaires

Course-Section:	ENME 217 01
Title:	Engr Thermodynamics
Instructor:	Romero-Talamas,

Term - Fall 2013

Enrollment:	33
Questionnaires:	21

Questions	NR	NA	Frequencies 1	2	3	4	5	Instructor Mean	Rank	Course Mean	Org Mean	UMBC Mean	Level Mean	Sect Mean
General														
1. Did you gain new insights,skills from this course	0	0	1	0	4	7	9	4.10	1149/1644	4.10	4.28	4.32	4.36	4.10
2. Did the instructor make clear the expected goals	0	0	0	2	5	9	5	3.81	1360/1644	3.81	4.12	4.28	4.35	3.81
3. Did the exam questions reflect the expected goals	0	0	0	2	3	8	8	4.05	1075/1419	4.05	4.22	4.35	4.42	4.05
4. Did other evaluations reflect the expected goals	1	7	0	0	3	5	5	4.15	1019/1596	4.15	4.11	4.24	4.31	4.15
5. Did assigned readings contribute to what you learned	1	2	1	0	3	6	8	4.11	877/1535	4.11	3.84	4.15	4.20	4.11
6. Did written assignments contribute to what you learned	1	9	1	1	2	1	6	3.91	1032/1510	3.91	4.04	4.13	4.17	3.91
7. Was the grading system clearly explained	0	0	1	3	4	2	11	3.90	1241/1620	3.90	4.18	4.20	4.25	3.90
8. How many times was class cancelled	0	0	0	0	0	2	19	4.90	632/1642	4.90	4.80	4.68	4.67	4.90
9. How would you grade the overall teaching effectiveness	4	1	0	1	6	6	3	3.69	1290/1596	3.69	3.94	4.12	4.13	3.69
Lecture														
1. Were the instructor's lectures well prepared	1	0	0	0	3	10	7	4.20	1194/1534	4.20	4.29	4.48	4.51	4.20
2. Did the instructor seem interested in the subject	0	0	0	0	1	6	14	4.62	1200/1539	4.62	4.71	4.76	4.80	4.62
3. Was lecture material presented and explained clearly	1	0	0	2	3	9	6	3.95	1205/1531	3.95	4.00	4.33	4.38	3.95
4. Did the lectures contribute to what you learned	0	0	1	2	5	7	6	3.71	1307/1530	3.71	4.06	4.35	4.41	3.71
5. Did audiovisual techniques enhance your understanding	1	2	0	5	2	5	6	3.67	1089/1409	3.67	3.92	4.08	4.23	3.67
Discussion														
1. Did class discussions contribute to what you learned	0	0	1	2	3	5	10	4.00	862/1366	4.00	3.81	4.18	4.24	4.00
2. Were all students actively encouraged to participate	0	0	2	3	9	4	3	3.14	1287/1364	3.14	3.59	4.33	4.39	3.14
3. Did the instructor encourage fair and open discussion	1	0	1	2	4	6	7	3.80	1139/1361	3.80	3.67	4.39	4.48	3.80
4. Were special techniques successful	1	17	0	0	1	0	2	4.33	****/1019	****	3.43	4.09	4.14	****

Student Course Evaluation Questionnaires

Course-Section:	ENME 217 01
Title:	Engr Thermodynamics
Instructor:	Romero-Talamas,

Term - Fall 2013

Enrollment: 33
Questionnaires: 21

			Frequencies					Instructor		Course	Org	UMBC	Level	Sect
Questions	NR	NA	1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
Laboratory														
1. Did the lab increase understanding of the material	19	1	0	0	0	1	0	4.00	****/185	****	4.05	4.23	4.42	****
2. Were you provided with adequate background information	19	0	0	0	0	0	2	5.00	****/209	****	3.92	4.19	4.45	****
3. Were necessary materials available for lab activities	19	1	0	0	0	0	1	5.00	****/181	****	3.97	4.53	4.67	****
4. Did the lab instructor provide assistance	19	1	0	0	0	0	1	5.00	****/183	****	4.15	4.46	4.64	****
5. Were requirements for lab reports clearly specified	19	1	0	0	0	0	1	5.00	****/172	****	3.48	4.14	4.50	****
Seminar														
1. Were assigned topics relevant to the announced theme	20	0	0	0	0	0	1	5.00	****/72	****	****	4.53	4.71	****
2. Was the instructor available for individual attention	20	0	0	0	0	0	1	5.00	****/71	****	****	4.38	4.63	****
Field Work														
1. Did field experience contribute to what you learned	20	0	0	0	0	0	1	5.00	****/48	****	****	4.16	4.81	****
2. Did you clearly understand your evaluation criteria	20	0	0	0	0	0	1	5.00	****/45	****	****	4.19	4.58	****
3. Was the instructor available for consultation	20	0	0	0	0	0	1	5.00	****/30	****	****	4.57	4.57	****
4. To what degree could you discuss your evaluations	20	0	0	0	0	0	1	5.00	****/27	****	****	4.25	5.00	****
5. Did conferences help you carry out field activities	20	0	0	0	0	0	1	5.00	****/25	****	****	4.35	5.00	****
Self Paced														
1. Did self-paced system contribute to what you learned	20	0	0	0	0	0	1	5.00	****/51	****	****	4.03	5.00	****
2. Did study questions make clear the expected goal	20	0	0	0	0	0	1	5.00	****/31	****	****	4.18	5.00	****
3. Were your contacts with the instructor helpful	19	0	0	1	0	0	1	3.50	****/36	****	****	4.33	****	****
4. Was the feedback/tutoring by proctors helpful	20	0	0	0	0	0	1	5.00	****/19	****	****	4.17	****	****

Student Course Evaluation Questionnaires

Course-Section:	ENME 217 01	Term - Fall 2013		Enrollment:	33
Title:	Engr Thermodynamics			Questionnaires:	21
Instructor:	Romero-Talamas,				

Questions	NR	NA	Frequencies					Instructor		Course	Org	UMBC	Level	Sect
			1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
Self Paced														
5. Were there enough proctors for all the students	20	0	0	0	0	0	1	5.00	****/14	****	****	4.17	****	****

Frequency Distribution

Credits Earned		Cum. GPA		Expected Grades		Reasons		Type		Majors	
00-27	0	0.00-0.99	0	A	5	Required for Majors	19	Graduate	0	Major	20
28-55	0	1.00-1.99	0	B	10						
56-83	4	2.00-2.99	0	C	3	General	0	Under-grad	21	Non-major	1
84-150	2	3.00-3.49	2	D	0						
Grad.	0	3.50-4.00	5	F	0	Electives	0	**** - Means there are not enough responses			
				P	0			to be significant			
				I	0	Other	0				
				?	3						

Student Course Evaluation Questionnaires

Course-Section: ENME 220 01		Term - Fall 2013		Enrollment: 79
Title: Mechanics Of Materials				Questionnaires: 55
Instructor: Charalambides,P				

Questions	NR	NA	Frequencies					Instructor		Course	Org	UMBC	Level	Sect
			1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
General														
1. Did you gain new insights,skills from this course	0	0	1	0	1	7	46	4.76	344/1644	4.76	4.28	4.32	4.36	4.76
2. Did the instructor make clear the expected goals	0	0	1	1	4	19	30	4.38	829/1644	4.38	4.12	4.28	4.35	4.38
3. Did the exam questions reflect the expected goals	1	0	2	3	3	20	26	4.20	985/1419	4.20	4.22	4.35	4.42	4.20
4. Did other evaluations reflect the expected goals	0	19	0	0	6	12	18	4.33	816/1596	4.33	4.11	4.24	4.31	4.33
5. Did assigned readings contribute to what you learned	2	13	3	0	5	16	16	4.05	929/1535	4.05	3.84	4.15	4.20	4.05
6. Did written assignments contribute to what you learned	1	26	0	0	3	7	18	4.54	399/1510	4.54	4.04	4.13	4.17	4.54
7. Was the grading system clearly explained	2	0	0	1	3	7	42	4.70	298/1620	4.70	4.18	4.20	4.25	4.70
8. How many times was class cancelled	2	0	0	0	0	5	48	4.91	632/1642	4.91	4.80	4.68	4.67	4.91
9. How would you grade the overall teaching effectiveness	9	0	1	0	2	19	24	4.41	501/1596	4.41	3.94	4.12	4.13	4.41
Lecture														
1. Were the instructor's lectures well prepared	1	0	1	0	1	7	45	4.76	525/1534	4.76	4.29	4.48	4.51	4.76
2. Did the instructor seem interested in the subject	1	0	0	0	0	1	53	4.98	122/1539	4.98	4.71	4.76	4.80	4.98
3. Was lecture material presented and explained clearly	1	0	1	2	4	21	26	4.28	971/1531	4.28	4.00	4.33	4.38	4.28
4. Did the lectures contribute to what you learned	1	0	1	3	6	10	34	4.35	923/1530	4.35	4.06	4.35	4.41	4.35
5. Did audiovisual techniques enhance your understanding	3	9	3	4	4	13	19	3.95	873/1409	3.95	3.92	4.08	4.23	3.95
Discussion														
1. Did class discussions contribute to what you learned	12	0	3	2	4	11	23	4.14	810/1366	4.14	3.81	4.18	4.24	4.14
2. Were all students actively encouraged to participate	12	0	2	2	6	8	25	4.21	910/1364	4.21	3.59	4.33	4.39	4.21
3. Did the instructor encourage fair and open discussion	13	0	3	4	7	8	20	3.90	1094/1361	3.90	3.67	4.39	4.48	3.90
4. Were special techniques successful	12	30	0	1	5	1	6	3.92	****/1019	****	3.43	4.09	4.14	****

Student Course Evaluation Questionnaires

Course-Section:	ENME 220 01		Term - Fall 2013						Enrollment: 79
Title:	Mechanics Of Materials								Questionnaires: 55
Instructor:	Charalambides,P								

Questions	NR	NA	Frequencies 1	2	3	4	5	Instructor Mean	Instructor Rank	Course Mean	Org Mean	UMBC Mean	Level Mean	Sect Mean
Laboratory														
1. Did the lab increase understanding of the material	52	1	0	0	0	1	1	4.50	****/185	****	4.05	4.23	4.42	****
2. Were you provided with adequate background information	54	0	0	0	0	0	1	5.00	****/209	****	3.92	4.19	4.45	****
3. Were necessary materials available for lab activities	54	0	0	0	0	0	1	5.00	****/181	****	3.97	4.53	4.67	****
4. Did the lab instructor provide assistance	54	0	0	0	0	0	1	5.00	****/183	****	4.15	4.46	4.64	****
5. Were requirements for lab reports clearly specified	54	0	0	0	0	0	1	5.00	****/172	****	3.48	4.14	4.50	****
Seminar														
1. Were assigned topics relevant to the announced theme	54	0	0	0	0	0	1	5.00	****/72	****	****	4.53	4.71	****
2. Was the instructor available for individual attention	54	0	0	0	0	0	1	5.00	****/71	****	****	4.38	4.63	****
3. Did research projects contribute to what you learned	54	0	0	0	0	0	1	5.00	****/68	****	****	4.41	4.25	****
4. Did presentations contribute to what you learned	54	0	0	0	0	0	1	5.00	****/71	****	****	4.40	4.47	****
5. Were criteria for grading made clear	54	0	0	0	0	0	1	5.00	****/73	****	****	4.09	3.99	****
Field Work														
1. Did field experience contribute to what you learned	54	0	1	0	0	0	0	1.00	****/48	****	****	4.16	4.81	****
2. Did you clearly understand your evaluation criteria	54	0	1	0	0	0	0	1.00	****/45	****	****	4.19	4.58	****
4. To what degree could you discuss your evaluations	54	0	0	0	0	0	1	5.00	****/27	****	****	4.25	5.00	****
5. Did conferences help you carry out field activities	54	0	0	0	0	0	1	5.00	****/25	****	****	4.35	5.00	****
Self Paced														
1. Did self-paced system contribute to what you learned	54	0	0	0	0	0	1	5.00	****/51	****	****	4.03	5.00	****
2. Did study questions make clear the expected goal	54	0	0	0	0	0	1	5.00	****/31	****	****	4.18	5.00	****
3. Were your contacts with the instructor helpful	54	0	0	0	0	0	1	5.00	****/36	****	****	4.33	****	****
4. Was the feedback/tutoring by proctors helpful	54	0	0	0	0	0	1	5.00	****/19	****	****	4.17	****	****

Student Course Evaluation Questionnaires

Course-Section:	ENME 220 01		Term - Fall 2013		Enrollment:	79
Title:	Mechanics Of Materials				Questionnaires:	55
Instructor:	Charalambides,P					

Questions	NR	NA	1	2	3	4	5	Instructor Mean	Instructor Rank	Course Mean	Org Mean	UMBC Mean	Level Mean	Sect Mean
Self Paced														
5. Were there enough proctors for all the students	54	0	0	0	0	0	1	5.00	****/14	****	****	4.17	****	****

Frequency Distribution

Credits Earned		Cum. GPA		Expected Grades		Reasons		Type		Majors	
00-27	0	0.00-0.99	1	A	11	Required for Majors	43	Graduate	0	Major	42
28-55	13	1.00-1.99	0	B	25						
56-83	5	2.00-2.99	5	C	10	General	1	Under-grad	55	Non-major	13
84-150	2	3.00-3.49	11	D	2						
Grad.	0	3.50-4.00	13	F	0	Electives	0	**** - Means there are not enough responses			
				P	0			to be significant			
				I	0	Other	2				
				?	7						

Student Course Evaluation Questionnaires

Course-Section:	ENME 221 01	Term - Fall 2013		Enrollment:	28
Title:	Dynamics			Questionnaires:	16
Instructor:	Irvine,David E				

| Questions | NR | NA | Frequencies | | | | | Instructor | | Course | Org | UMBC | Level | Sect |
			1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
General														
1. Did you gain new insights,skills from this course	0	0	0	0	1	6	9	4.50	688/1644	4.50	4.28	4.32	4.36	4.50
2. Did the instructor make clear the expected goals	0	0	0	0	4	6	6	4.13	1127/1644	4.13	4.12	4.28	4.35	4.13
3. Did the exam questions reflect the expected goals	0	0	1	2	5	2	6	3.63	1260/1419	3.63	4.22	4.35	4.42	3.63
4. Did other evaluations reflect the expected goals	0	5	0	0	6	0	5	3.91	1215/1596	3.91	4.11	4.24	4.31	3.91
5. Did assigned readings contribute to what you learned	0	3	1	1	3	3	5	3.77	1169/1535	3.77	3.84	4.15	4.20	3.77
6. Did written assignments contribute to what you learned	0	6	1	1	2	2	4	3.70	1161/1510	3.70	4.04	4.13	4.17	3.70
7. Was the grading system clearly explained	0	0	0	0	1	5	10	4.56	449/1620	4.56	4.18	4.20	4.25	4.56
8. How many times was class cancelled	0	0	0	0	0	3	13	4.81	819/1642	4.81	4.80	4.68	4.67	4.81
9. How would you grade the overall teaching effectiveness	5	0	0	0	2	6	3	4.09	911/1596	4.09	3.94	4.12	4.13	4.09
Lecture														
1. Were the instructor's lectures well prepared	1	0	0	0	2	6	7	4.33	1090/1534	4.33	4.29	4.48	4.51	4.33
2. Did the instructor seem interested in the subject	0	0	0	0	0	1	15	4.94	426/1539	4.94	4.71	4.76	4.80	4.94
3. Was lecture material presented and explained clearly	1	0	0	1	5	4	5	3.87	1265/1531	3.87	4.00	4.33	4.38	3.87
4. Did the lectures contribute to what you learned	1	0	0	0	2	7	6	4.27	996/1530	4.27	4.06	4.35	4.41	4.27
5. Did audiovisual techniques enhance your understanding	1	0	1	2	3	3	6	3.73	1043/1409	3.73	3.92	4.08	4.23	3.73
Discussion														
1. Did class discussions contribute to what you learned	2	0	1	0	0	6	7	4.29	699/1366	4.29	3.81	4.18	4.24	4.29
2. Were all students actively encouraged to participate	2	0	0	0	2	4	8	4.43	734/1364	4.43	3.59	4.33	4.39	4.43
3. Did the instructor encourage fair and open discussion	2	0	0	0	2	3	9	4.50	703/1361	4.50	3.67	4.39	4.48	4.50
4. Were special techniques successful	3	10	1	0	0	1	1	3.33	****/1019	****	3.43	4.09	4.14	****

Student Course Evaluation Questionnaires

Course-Section:	ENME 221 01
Title:	Dynamics
Instructor:	Irvine,David E

Term - Fall 2013

Enrollment:	28
Questionnaires:	16

Questions	NR	NA	Frequencies 1	2	3	4	5	Instructor Mean	Rank	Course Mean	Org Mean	UMBC Mean	Level Mean	Sect Mean
Laboratory														
2. Were you provided with adequate background information	14	0	0	1	1	0	0	2.50	****/209	****	3.92	4.19	4.45	****
Seminar														
1. Were assigned topics relevant to the announced theme	14	1	0	0	1	0	0	3.00	****/72	****	****	4.53	4.71	****
2. Was the instructor available for individual attention	14	1	0	0	0	1	0	4.00	****/71	****	****	4.38	4.63	****
4. Did presentations contribute to what you learned	13	1	0	0	1	0	1	4.00	****/71	****	****	4.40	4.47	****
5. Were criteria for grading made clear	13	1	0	0	0	0	2	5.00	****/73	****	****	4.09	3.99	****
Field Work														
1. Did field experience contribute to what you learned	14	0	0	0	2	0	0	3.00	****/48	****	****	4.16	4.81	****
2. Did you clearly understand your evaluation criteria	14	0	0	1	1	0	0	2.50	****/45	****	****	4.19	4.58	****
3. Was the instructor available for consultation	14	0	0	0	1	1	0	3.50	****/30	****	****	4.57	4.57	****
4. To what degree could you discuss your evaluations	14	1	0	0	1	0	0	3.00	****/27	****	****	4.25	5.00	****
5. Did conferences help you carry out field activities	14	1	0	1	0	0	0	2.00	****/25	****	****	4.35	5.00	****
Self Paced														
1. Did self-paced system contribute to what you learned	14	0	0	0	1	1	0	3.50	****/51	****	****	4.03	5.00	****
2. Did study questions make clear the expected goal	14	0	0	0	2	0	0	3.00	****/31	****	****	4.18	5.00	****
3. Were your contacts with the instructor helpful	14	0	0	1	1	0	0	2.50	****/36	****	****	4.33	****	****
4. Was the feedback/tutoring by proctors helpful	14	1	0	1	0	0	0	2.00	****/19	****	****	4.17	****	****

Student Course Evaluation Questionnaires

Course-Section:	ENME 221 01	Term - Fall 2013	Enrollment: 28
Title:	Dynamics		Questionnaires: 16
Instructor:	Irvine,David E		

Questions	NR	NA	Frequencies					Instructor		Course	Org	UMBC	Level	Sect
			1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
Self Paced														
5. Were there enough proctors for all the students	14	1	0	1	0	0	0	2.00	****/14	****	****	4.17	****	****

Frequency Distribution

Credits Earned		Cum. GPA		Expected Grades		Reasons		Type		Majors	
00-27	0	0.00-0.99	0	A	1	Required for Majors	12	Graduate	0	Major	8
28-55	0	1.00-1.99	0	B	9						
56-83	2	2.00-2.99	2	C	3	General	0	Under-grad	16	Non-major	8
84-150	3	3.00-3.49	1	D	0						
Grad.	0	3.50-4.00	1	F	0	Electives	0	**** - Means there are not enough responses			
				P	0			to be significant			
				I	0	Other	1				
				?	3						

Student Course Evaluation Questionnaires

Course-Section: ENME 301 01	Term - Fall 2013	Enrollment: 78
Title: Struct/Prop:Engr Materls		Questionnaires: 53
Instructor: Topoleski,L D		

Questions	NR	NA	Frequencies					Instructor		Course	Org	UMBC	Level	Sect
			1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
General														
1. Did you gain new insights,skills from this course	1	0	0	0	4	16	32	4.54	650/1644	4.54	4.28	4.32	4.31	4.54
2. Did the instructor make clear the expected goals	1	0	0	0	5	26	21	4.31	939/1644	4.31	4.12	4.28	4.25	4.31
3. Did the exam questions reflect the expected goals	1	0	0	0	5	17	30	4.48	660/1419	4.48	4.22	4.35	4.31	4.48
4. Did other evaluations reflect the expected goals	1	17	0	1	4	16	14	4.23	942/1596	4.23	4.11	4.24	4.25	4.23
5. Did assigned readings contribute to what you learned	2	2	1	0	15	20	13	3.90	1075/1535	3.90	3.84	4.15	4.14	3.90
6. Did written assignments contribute to what you learned	3	15	1	1	8	16	9	3.89	1048/1510	3.89	4.04	4.13	4.16	3.89
7. Was the grading system clearly explained	3	0	0	0	2	19	29	4.54	475/1620	4.54	4.18	4.20	4.18	4.54
8. How many times was class cancelled	4	0	0	0	0	6	43	4.88	694/1642	4.88	4.80	4.68	4.65	4.88
9. How would you grade the overall teaching effectiveness	7	0	0	1	2	19	24	4.43	475/1596	4.43	3.94	4.12	4.09	4.43
Lecture														
1. Were the instructor's lectures well prepared	5	0	0	0	2	16	30	4.58	795/1534	4.58	4.29	4.48	4.44	4.58
2. Did the instructor seem interested in the subject	5	0	0	0	0	5	43	4.90	637/1539	4.90	4.71	4.76	4.74	4.90
3. Was lecture material presented and explained clearly	5	0	0	0	4	21	23	4.40	861/1531	4.40	4.00	4.33	4.30	4.40
4. Did the lectures contribute to what you learned	6	0	0	0	3	14	30	4.57	677/1530	4.57	4.06	4.35	4.32	4.57
5. Did audiovisual techniques enhance your understanding	10	15	1	0	4	12	11	4.14	729/1409	4.14	3.92	4.08	4.09	4.14
Discussion														
1. Did class discussions contribute to what you learned	47	0	0	0	1	3	2	4.17	****/1366	****	3.81	4.18	4.22	****
2. Were all students actively encouraged to participate	47	0	0	0	0	3	3	4.50	****/1364	****	3.59	4.33	4.37	****
3. Did the instructor encourage fair and open discussion	47	0	0	0	0	2	4	4.67	****/1361	****	3.67	4.39	4.39	****

Student Course Evaluation Questionnaires

Course-Section:	ENME 301 01
Title:	Struct/Prop:Engr Materls
Instructor:	Topoleski,L D

Term - Fall 2013

Enrollment:	78
Questionnaires:	53

Questions	NR	NA	Frequencies 1	2	3	4	5	Instructor Mean	Instructor Rank	Course Mean	Org Mean	UMBC Mean	Level Mean	Sect Mean
Discussion														
4. Were special techniques successful	47	2	0	0	0	2	2	4.50	****/1019	****	3.43	4.09	4.04	****

Frequency Distribution

Credits Earned		Cum. GPA		Expected Grades	
00-27	0	0.00-0.99	0	A	26
28-55	1	1.00-1.99	0	B	16
56-83	12	2.00-2.99	2	C	3
84-150	12	3.00-3.49	19	D	0
Grad.	0	3.50-4.00	11	F	0
				P	0
				I	0
				?	8

Reasons

Required for Majors	42
General	0
Electives	0
Other	0

Type

Graduate	0
Under-grad	53

Majors

Major	45
Non-major	8

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

Student Course Evaluation Questionnaires

Course-Section: ENME 303 01	Term - Fall 2013	Enrollment: 86
Title: Topics In Engineer Math		Questionnaires: 53
Instructor: Spence,Anne M		

			Frequencies					Instructor		Course	Org	UMBC	Level	Sect
Questions	NR	NA	1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
General														
1. Did you gain new insights,skills from this course	1	0	2	3	7	21	19	4.00	1218/1644	4.00	4.28	4.32	4.31	4.00
2. Did the instructor make clear the expected goals	0	0	1	3	17	16	16	3.81	1354/1644	3.81	4.12	4.28	4.25	3.81
3. Did the exam questions reflect the expected goals	1	0	2	4	6	14	26	4.12	1047/1419	4.12	4.22	4.35	4.31	4.12
4. Did other evaluations reflect the expected goals	0	7	4	3	7	16	16	3.80	1269/1596	3.80	4.11	4.24	4.25	3.80
5. Did assigned readings contribute to what you learned	1	11	5	4	9	8	15	3.59	1281/1535	3.59	3.84	4.15	4.14	3.59
6. Did written assignments contribute to what you learned	2	8	9	5	3	14	12	3.35	1369/1510	3.35	4.04	4.13	4.16	3.35
7. Was the grading system clearly explained	2	0	2	4	4	13	28	4.20	976/1620	4.20	4.18	4.20	4.18	4.20
8. How many times was class cancelled	2	0	0	0	0	3	48	4.94	379/1642	4.94	4.80	4.68	4.65	4.94
9. How would you grade the overall teaching effectiveness	6	0	1	4	10	13	19	3.96	1055/1596	3.96	3.94	4.12	4.09	3.96
Lecture														
1. Were the instructor's lectures well prepared	3	0	8	4	10	11	17	3.50	1463/1534	3.50	4.29	4.48	4.44	3.50
2. Did the instructor seem interested in the subject	4	0	1	2	4	14	28	4.35	1401/1539	4.35	4.71	4.76	4.74	4.35
3. Was lecture material presented and explained clearly	4	0	13	5	7	11	13	3.12	1459/1531	3.12	4.00	4.33	4.30	3.12
4. Did the lectures contribute to what you learned	4	0	15	6	7	8	13	2.96	1477/1530	2.96	4.06	4.35	4.32	2.96
5. Did audiovisual techniques enhance your understanding	5	11	5	4	7	5	16	3.62	1113/1409	3.62	3.92	4.08	4.09	3.62
Discussion														
1. Did class discussions contribute to what you learned	18	0	15	5	6	4	5	2.40	1341/1366	2.40	3.81	4.18	4.22	2.40
2. Were all students actively encouraged to participate	17	0	13	4	11	3	5	2.53	1341/1364	2.53	3.59	4.33	4.37	2.53
3. Did the instructor encourage fair and open discussion	19	0	10	4	11	5	4	2.68	1333/1361	2.68	3.67	4.39	4.39	2.68
4. Were special techniques successful	18	23	3	0	3	1	5	3.42	****/1019	****	3.43	4.09	4.04	****

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Student Course Evaluation Questionnaires

| Course-Section: | ENME 303 01 | | Term - Fall 2013 | | | | Enrollment: | 86 |

| Title: | Topics In Engineer Math | | | | | | Questionnaires: | 53 |

Instructor: Spence,Anne M

Questions	NR	NA	Frequencies					Instructor		Course	Org	UMBC	Level	Sect
			1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
Laboratory														
1. Did the lab increase understanding of the material	40	0	6	0	2	4	1	2.54	****/185	****	4.05	4.23	4.16	****
2. Were you provided with adequate background information	40	0	5	2	3	0	3	2.54	****/209	****	3.92	4.19	4.18	****
3. Were necessary materials available for lab activities	40	1	1	2	2	4	3	3.50	****/181	****	3.97	4.53	4.49	****
4. Did the lab instructor provide assistance	40	2	4	0	1	2	4	3.18	****/183	****	4.15	4.46	4.38	****
5. Were requirements for lab reports clearly specified	41	6	0	2	3	0	1	3.00	****/172	****	3.48	4.14	4.07	****
Seminar														
1. Were assigned topics relevant to the announced theme	50	1	0	0	1	1	0	3.50	****/72	****	****	4.53	4.68	****
2. Was the instructor available for individual attention	51	0	0	0	1	1	0	3.50	****/71	****	****	4.38	4.61	****
4. Did presentations contribute to what you learned	51	0	0	1	1	0	0	2.50	****/71	****	****	4.40	4.51	****
5. Were criteria for grading made clear	51	0	1	0	0	1	0	2.50	****/73	****	****	4.09	4.57	****
Field Work														
1. Did field experience contribute to what you learned	51	0	2	0	0	0	0	1.00	****/48	****	****	4.16	4.95	****
2. Did you clearly understand your evaluation criteria	52	0	0	1	0	0	0	2.00	****/45	****	****	4.19	4.95	****
3. Was the instructor available for consultation	52	0	0	0	0	0	1	5.00	****/30	****	****	4.57	4.93	****
Self Paced														
1. Did self-paced system contribute to what you learned	51	0	1	0	0	0	1	3.00	****/51	****	****	4.03	4.75	****
2. Did study questions make clear the expected goal	51	0	1	0	0	0	1	3.00	****/31	****	****	4.18	4.80	****
3. Were your contacts with the instructor helpful	51	0	0	0	0	1	1	4.50	****/36	****	****	4.33	4.83	****
4. Was the feedback/tutoring by proctors helpful	52	0	0	0	0	1	0	4.00	****/19	****	****	4.17	4.20	****

Student Course Evaluation Questionnaires

Course-Section: ENME 303 01	Term - Fall 2013	Enrollment: 86
Title: Topics In Engineer Math		Questionnaires: 53
Instructor: Spence,Anne M		

Questions	NR	NA	1	2	3	4	5	Instructor Mean	Instructor Rank	Course Mean	Org Mean	UMBC Mean	Level Mean	Sect Mean
Self Paced														
5. Were there enough proctors for all the students	52	0	0	0	0	1	0	4.00	****/14	****	****	4.17	4.60	****

Frequency Distribution

Credits Earned		Cum. GPA		Expected Grades		Reasons		Type		Majors	
00-27	0	0.00-0.99	1	A	38	Required for Majors	51	Graduate	0	Major	50
28-55	0	1.00-1.99	0	B	9						
56-83	13	2.00-2.99	3	C	4	General	0	Under-grad	53	Non-major	3
84-150	14	3.00-3.49	14	D	0						
Grad.	0	3.50-4.00	18	F	0	Electives	0	**** - Means there are not enough responses			
				P	0			to be significant			
				I	0	Other	0				
				?	2						

Student Course Evaluation Questionnaires

Course-Section: ENME 304 01		Term - Fall 2013		Enrollment: 55
Title: Machine Design				Questionnaires: 47
Instructor: Rothman,Neil S				

Questions	NR	NA	Frequencies					Instructor		Course	Org	UMBC	Level	Sect
			1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
General														
1. Did you gain new insights,skills from this course	0	0	0	0	1	9	37	4.77	344/1644	4.77	4.28	4.32	4.31	4.77
2. Did the instructor make clear the expected goals	0	0	0	0	3	12	32	4.62	494/1644	4.62	4.12	4.28	4.25	4.62
3. Did the exam questions reflect the expected goals	0	0	0	0	6	8	33	4.57	569/1419	4.57	4.22	4.35	4.31	4.57
4. Did other evaluations reflect the expected goals	1	3	0	1	3	16	23	4.42	702/1596	4.42	4.11	4.24	4.25	4.42
5. Did assigned readings contribute to what you learned	1	0	0	1	6	15	24	4.35	647/1535	4.35	3.84	4.15	4.14	4.35
6. Did written assignments contribute to what you learned	0	8	1	1	5	12	20	4.26	727/1510	4.26	4.04	4.13	4.16	4.26
7. Was the grading system clearly explained	1	0	0	2	7	11	26	4.33	793/1620	4.33	4.18	4.20	4.18	4.33
8. How many times was class cancelled	1	0	0	0	0	4	42	4.91	568/1642	4.91	4.80	4.68	4.65	4.91
9. How would you grade the overall teaching effectiveness	5	1	0	0	1	17	23	4.54	356/1596	4.54	3.94	4.12	4.09	4.54
Lecture														
1. Were the instructor's lectures well prepared	0	0	1	1	1	5	39	4.70	611/1534	4.70	4.29	4.48	4.44	4.70
2. Did the instructor seem interested in the subject	0	0	0	0	2	1	44	4.89	637/1539	4.89	4.71	4.76	4.74	4.89
3. Was lecture material presented and explained clearly	1	0	1	0	4	15	26	4.41	839/1531	4.41	4.00	4.33	4.30	4.41
4. Did the lectures contribute to what you learned	0	0	1	1	5	14	26	4.34	931/1530	4.34	4.06	4.35	4.32	4.34
5. Did audiovisual techniques enhance your understanding	1	2	0	0	5	8	31	4.59	304/1409	4.59	3.92	4.08	4.09	4.59
Discussion														
1. Did class discussions contribute to what you learned	43	0	0	0	0	2	2	4.50	****/1366	****	3.81	4.18	4.22	****
2. Were all students actively encouraged to participate	44	0	0	0	0	2	1	4.33	****/1364	****	3.59	4.33	4.37	****
3. Did the instructor encourage fair and open discussion	44	0	0	0	0	2	1	4.33	****/1361	****	3.67	4.39	4.39	****

Student Course Evaluation Questionnaires

Course-Section: ENME 304 01	Term - Fall 2013	Enrollment: 55
Title: Machine Design		Questionnaires: 47
Instructor: Rothman,Neil S		

Questions	NR	NA	Frequencies 1	2	3	4	5	Instructor Mean	Rank	Course Mean	Org Mean	UMBC Mean	Level Mean	Sect Mean
Discussion														
4. Were special techniques successful	44	1	0	0	1	0	1	4.00	****/1019	****	3.43	4.09	4.04	****

Frequency Distribution

Credits Earned		Cum. GPA		Expected Grades		Reasons		Type		Majors	
00-27	0	0.00-0.99	0	A	17	Required for Majors	41	Graduate	0	Major	42
28-55	0	1.00-1.99	0	B	24						
56-83	8	2.00-2.99	6	C	3	General	0	Under-grad	47	Non-major	5
84-150	18	3.00-3.49	14	D	0						
Grad.	0	3.50-4.00	17	F	0	Electives	0	**** - Means there are not enough responses			
				P	0			to be significant			
				I	0	Other	0				
				?	3						

Student Course Evaluation Questionnaires

Course-Section: ENME 320 02		Term - Fall 2013		Enrollment: 84
Title: Fluid Mechanics				Questionnaires: 45
Instructor: Eggleton,Charle				

Questions	NR	NA	Frequencies					Instructor		Course Mean	Org Mean	UMBC Mean	Level Mean	Sect Mean
			1	2	3	4	5	Mean	Rank					
General														
1. Did you gain new insights,skills from this course	0	0	1	0	7	15	22	4.27	964/1644	4.27	4.28	4.32	4.31	4.27
2. Did the instructor make clear the expected goals	0	0	0	1	10	11	23	4.24	998/1644	4.24	4.12	4.28	4.25	4.24
3. Did the exam questions reflect the expected goals	0	0	0	0	7	13	25	4.40	775/1419	4.40	4.22	4.35	4.31	4.40
4. Did other evaluations reflect the expected goals	0	19	1	1	5	9	10	4.00	1129/1596	4.00	4.11	4.24	4.25	4.00
5. Did assigned readings contribute to what you learned	1	2	2	5	14	6	15	3.64	1246/1535	3.64	3.84	4.15	4.14	3.64
6. Did written assignments contribute to what you learned	1	12	2	0	8	11	11	3.91	1032/1510	3.91	4.04	4.13	4.16	3.91
7. Was the grading system clearly explained	1	0	0	0	5	16	23	4.41	685/1620	4.41	4.18	4.20	4.18	4.41
8. How many times was class cancelled	1	1	0	1	3	4	35	4.70	1000/1642	4.70	4.80	4.68	4.65	4.70
9. How would you grade the overall teaching effectiveness	8	0	1	3	12	13	8	3.65	1314/1596	3.65	3.94	4.12	4.09	3.65
Lecture														
1. Were the instructor's lectures well prepared	0	0	1	2	8	12	22	4.16	1227/1534	4.16	4.29	4.48	4.44	4.16
2. Did the instructor seem interested in the subject	0	0	0	1	10	13	21	4.20	1453/1539	4.20	4.71	4.76	4.74	4.20
3. Was lecture material presented and explained clearly	0	0	3	2	13	13	14	3.73	1322/1531	3.73	4.00	4.33	4.30	3.73
4. Did the lectures contribute to what you learned	1	0	3	6	8	11	16	3.70	1311/1530	3.70	4.06	4.35	4.32	3.70
5. Did audiovisual techniques enhance your understanding	4	4	2	2	15	8	10	3.59	1130/1409	3.59	3.92	4.08	4.09	3.59
Discussion														
1. Did class discussions contribute to what you learned	39	0	1	0	1	1	3	3.83	****/1366	****	3.81	4.18	4.22	****
2. Were all students actively encouraged to participate	39	0	0	0	1	2	3	4.33	****/1364	****	3.59	4.33	4.37	****
3. Did the instructor encourage fair and open discussion	39	0	0	1	1	1	3	4.00	****/1361	****	3.67	4.39	4.39	****
4. Were special techniques successful	39	0	2	0	0	2	2	3.33	****/1019	****	3.43	4.09	4.04	****

Student Course Evaluation Questionnaires

Report Help

Course-Section: ENME 320 02	Term - Fall 2013	Enrollment: 84
Title: Fluid Mechanics		Questionnaires: 45
Instructor: Eggleton,Charle		

Questions	NR	NA	Frequencies					Instructor		Course	Org	UMBC	Level	Sect
			1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
Laboratory														
2. Were you provided with adequate background information	44	0	0	0	0	1	0	4.00	****/209	****	3.92	4.19	4.18	****
3. Were necessary materials available for lab activities	44	0	0	0	0	1	0	4.00	****/181	****	3.97	4.53	4.49	****
4. Did the lab instructor provide assistance	44	0	0	0	0	0	1	5.00	****/183	****	4.15	4.46	4.38	****
5. Were requirements for lab reports clearly specified	44	0	0	0	0	0	1	5.00	****/172	****	3.48	4.14	4.07	****
Seminar														
1. Were assigned topics relevant to the announced theme	44	0	0	0	0	1	0	4.00	****/72	****	****	4.53	4.68	****
2. Was the instructor available for individual attention	44	0	0	0	0	0	1	5.00	****/71	****	****	4.38	4.61	****
3. Did research projects contribute to what you learned	44	0	0	0	0	0	1	5.00	****/68	****	****	4.41	4.59	****
4. Did presentations contribute to what you learned	44	0	0	0	0	1	0	4.00	****/71	****	****	4.40	4.51	****
5. Were criteria for grading made clear	44	0	0	0	0	0	1	5.00	****/73	****	****	4.09	4.57	****
Field Work														
1. Did field experience contribute to what you learned	44	0	0	0	0	1	0	4.00	****/48	****	****	4.16	4.95	****
2. Did you clearly understand your evaluation criteria	44	0	0	0	0	0	1	5.00	****/45	****	****	4.19	4.95	****
3. Was the instructor available for consultation	44	0	0	0	0	0	1	5.00	****/30	****	****	4.57	4.93	****
4. To what degree could you discuss your evaluations	44	0	0	0	0	0	1	5.00	****/27	****	****	4.25	4.90	****
5. Did conferences help you carry out field activities	44	0	0	0	0	1	0	4.00	****/25	****	****	4.35	4.90	****
Self Paced														
1. Did self-paced system contribute to what you learned	43	0	0	0	0	0	2	5.00	****/51	****	****	4.03	4.75	****
2. Did study questions make clear the expected goal	43	0	0	0	0	1	1	4.50	****/31	****	****	4.18	4.80	****
3. Were your contacts with the instructor helpful	43	0	0	0	0	0	2	5.00	****/36	****	****	4.33	4.83	****
4. Was the feedback/tutoring by proctors helpful	43	0	0	0	0	1	1	4.50	****/19	****	****	4.17	4.20	****

Student Course Evaluation Questionnaires

Course-Section: ENME 320 02	Term - Fall 2013	Enrollment: 84
Title: Fluid Mechanics		Questionnaires: 45
Instructor: Eggleton,Charle		

				Frequencies					Instructor		Course	Org	UMBC	Level	Sect
Questions	NR	NA	1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
Self Paced														
5. Were there enough proctors for all the students	43	0	1	0	0	0	1	3.00	****/14	****	****	4.17	4.60	****

Frequency Distribution

Credits Earned		Cum. GPA		Expected Grades		Reasons		Type		Majors	
00-27	0	0.00-0.99	0	A	22	Required for Majors	39	Graduate	0	Major	41
28-55	0	1.00-1.99	0	B	14						
56-83	10	2.00-2.99	2	C	3	General	0	Under-grad	45	Non-major	4
84-150	12	3.00-3.49	13	D	1						
Grad.	0	3.50-4.00	13	F	0	Electives	0	**** - Means there are not enough responses			
				P	0			to be significant			
				I	0	Other	0				
				?	4						

Student Course Evaluation Questionnaires

Course-Section:	ENME 332L 01		Term - Fall 2013			Enrollment:	43
Title:	Solid Mech And Mat Lab					Questionnaires:	27
Instructor:	Khan,Akhtar						

Questions	NR	NA	Frequencies 1	2	3	4	5	Instructor Mean	Instructor Rank	Course Mean	Org Mean	UMBC Mean	Level Mean	Sect Mean
General														
1. Did you gain new insights,skills from this course	2	0	5	3	6	7	4	3.08	1598/1644	3.08	4.28	4.32	4.31	3.08
2. Did the instructor make clear the expected goals	2	0	9	4	8	3	1	2.32	1634/1644	2.32	4.12	4.28	4.25	2.32
3. Did the exam questions reflect the expected goals	2	0	4	4	10	6	1	2.84	1399/1419	2.84	4.22	4.35	4.31	2.84
4. Did other evaluations reflect the expected goals	2	1	8	3	7	4	2	2.54	1578/1596	2.54	4.11	4.24	4.25	2.54
5. Did assigned readings contribute to what you learned	2	2	12	6	3	2	0	1.78	1530/1535	1.78	3.84	4.15	4.14	1.78
6. Did written assignments contribute to what you learned	2	1	7	4	7	3	3	2.63	1481/1510	2.63	4.04	4.13	4.16	2.63
7. Was the grading system clearly explained	2	1	16	5	2	1	0	1.50	1618/1620	1.50	4.18	4.20	4.18	1.50
8. How many times was class cancelled	2	0	0	0	0	3	22	4.88	673/1642	4.88	4.80	4.68	4.65	4.88
9. How would you grade the overall teaching effectiveness	7	0	12	4	4	0	0	1.60	1594/1596	1.60	3.94	4.12	4.09	1.60
Lecture														
1. Were the instructor's lectures well prepared	3	0	5	3	9	6	1	2.79	1517/1534	2.79	4.29	4.48	4.44	2.79
2. Did the instructor seem interested in the subject	3	0	0	7	2	7	8	3.67	1516/1539	3.67	4.71	4.76	4.74	3.67
3. Was lecture material presented and explained clearly	3	0	8	6	4	5	1	2.38	1517/1531	2.38	4.00	4.33	4.30	2.38
4. Did the lectures contribute to what you learned	3	0	9	3	7	3	2	2.42	1512/1530	2.42	4.06	4.35	4.32	2.42
5. Did audiovisual techniques enhance your understanding	3	12	7	2	2	1	0	1.75	1403/1409	1.75	3.92	4.08	4.09	1.75
Discussion														
1. Did class discussions contribute to what you learned	19	0	4	2	1	0	1	2.00	1353/1366	2.00	3.81	4.18	4.22	2.00
2. Were all students actively encouraged to participate	19	0	4	2	0	0	2	2.25	1352/1364	2.25	3.59	4.33	4.37	2.25
3. Did the instructor encourage fair and open discussion	20	0	4	1	1	0	1	2.00	1355/1361	2.00	3.67	4.39	4.39	2.00
4. Were special techniques successful	19	6	2	0	0	0	0	1.00	****/1019	****	3.43	4.09	4.04	****

Student Course Evaluation Questionnaires

Course-Section:	ENME 332L 01		Term - Fall 2013		Enrollment: 43
Title:	Solid Mech And Mat Lab				Questionnaires: 27
Instructor:	Khan,Akhtar				

Questions	NR	NA	Frequencies					Instructor		Course	Org	UMBC	Level	Sect
			1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
Laboratory														
1. Did the lab increase understanding of the material	5	0	6	1	4	5	6	3.18	176/185	3.18	4.05	4.23	4.16	3.18
2. Were you provided with adequate background information	5	0	3	5	7	6	1	2.86	197/209	2.86	3.92	4.19	4.18	2.86
3. Were necessary materials available for lab activities	5	0	4	2	5	6	5	3.27	177/181	3.27	3.97	4.53	4.49	3.27
4. Did the lab instructor provide assistance	4	0	6	2	5	3	7	3.13	178/183	3.13	4.15	4.46	4.38	3.13
5. Were requirements for lab reports clearly specified	2	0	20	4	0	1	0	1.28	172/172	1.28	3.48	4.14	4.07	1.28
Seminar														
2. Was the instructor available for individual attention	25	1	1	0	0	0	0	1.00	****/71	****	****	4.38	4.61	****
3. Did research projects contribute to what you learned	25	1	1	0	0	0	0	1.00	****/68	****	****	4.41	4.59	****
4. Did presentations contribute to what you learned	25	1	1	0	0	0	0	1.00	****/71	****	****	4.40	4.51	****
5. Were criteria for grading made clear	25	0	2	0	0	0	0	1.00	****/73	****	****	4.09	4.57	****
Field Work														
1. Did field experience contribute to what you learned	25	0	2	0	0	0	0	1.00	****/48	****	****	4.16	4.95	****
2. Did you clearly understand your evaluation criteria	25	0	2	0	0	0	0	1.00	****/45	****	****	4.19	4.95	****
3. Was the instructor available for consultation	25	1	1	0	0	0	0	1.00	****/30	****	****	4.57	4.93	****
4. To what degree could you discuss your evaluations	25	1	1	0	0	0	0	1.00	****/27	****	****	4.25	4.90	****
5. Did conferences help you carry out field activities	25	1	1	0	0	0	0	1.00	****/25	****	****	4.35	4.90	****
Self Paced														
1. Did self-paced system contribute to what you learned	25	0	2	0	0	0	0	1.00	****/51	****	****	4.03	4.75	****
2. Did study questions make clear the expected goal	25	1	1	0	0	0	0	1.00	****/31	****	****	4.18	4.80	****
4. Was the feedback/tutoring by proctors helpful	25	1	0	0	1	0	0	3.00	****/19	****	****	4.17	4.20	****

Student Course Evaluation Questionnaires

Course-Section:	ENME 332L 01	Term - Fall 2013	Enrollment:	43
Title:	Solid Mech And Mat Lab		Questionnaires:	27
Instructor:	Khan,Akhtar			

Questions	NR	NA	1	2	3	4	5	Instructor Mean	Instructor Rank	Course Mean	Org Mean	UMBC Mean	Level Mean	Sect Mean
Self Paced														
5. Were there enough proctors for all the students	25	0	1	0	1	0	0	2.00	****/14	****	****	4.17	4.60	****

Frequency Distribution

Credits Earned		Cum. GPA		Expected Grades		Reasons		Type		Majors	
00-27	0	0.00-0.99	0	A	4	Required for Majors	24	Graduate	0	Major	21
28-55	0	1.00-1.99	0	B	14						
56-83	1	2.00-2.99	2	C	3	General	0	Under-grad	27	Non-major	6
84-150	8	3.00-3.49	2	D	2						
Grad.	0	3.50-4.00	13	F	0	Electives	0				
				P	0						
				I	0	Other	0				
				?	3						

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

Student Course Evaluation Questionnaires

Course-Section:	ENME 403 01	Term - Fall 2013	Enrollment: 56
Title:	Automatic Controls		Questionnaires: 32
Instructor:	Wilkerson,Steph		

| Questions | NR | NA | Frequencies | | | | | Instructor | | Course | Org | UMBC | Level | Sect |
			1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
General														
1. Did you gain new insights,skills from this course	0	0	2	5	6	9	10	3.63	1475/1644	3.63	4.28	4.32	4.47	3.63
2. Did the instructor make clear the expected goals	0	0	3	7	9	6	7	3.22	1562/1644	3.22	4.12	4.28	4.35	3.22
3. Did the exam questions reflect the expected goals	2	5	1	1	4	7	12	4.12	1040/1419	4.12	4.22	4.35	4.48	4.12
4. Did other evaluations reflect the expected goals	1	4	2	2	5	10	8	3.74	1312/1596	3.74	4.11	4.24	4.34	3.74
5. Did assigned readings contribute to what you learned	2	11	2	0	9	3	5	3.47	1341/1535	3.47	3.84	4.15	4.26	3.47
6. Did written assignments contribute to what you learned	1	16	0	1	8	2	4	3.60	1215/1510	3.60	4.04	4.13	4.29	3.60
7. Was the grading system clearly explained	1	1	6	4	2	10	8	3.33	1489/1620	3.33	4.18	4.20	4.25	3.33
8. How many times was class cancelled	3	0	0	0	0	13	16	4.55	1158/1642	4.55	4.80	4.68	4.67	4.55
9. How would you grade the overall teaching effectiveness	11	0	1	3	6	7	4	3.48	1401/1596	3.48	3.94	4.12	4.20	3.48
Lecture														
1. Were the instructor's lectures well prepared	4	0	3	5	3	10	7	3.46	1469/1534	3.46	4.29	4.48	4.54	3.46
2. Did the instructor seem interested in the subject	5	0	0	0	1	5	21	4.74	1009/1539	4.74	4.71	4.76	4.81	4.74
3. Was lecture material presented and explained clearly	4	0	3	6	7	8	4	3.14	1456/1531	3.14	4.00	4.33	4.38	3.14
4. Did the lectures contribute to what you learned	4	1	3	2	4	7	11	3.78	1288/1530	3.78	4.06	4.35	4.41	3.78
5. Did audiovisual techniques enhance your understanding	6	1	1	2	4	4	14	4.12	747/1409	4.12	3.92	4.08	4.15	4.12
Discussion														
1. Did class discussions contribute to what you learned	27	0	0	0	1	1	3	4.40	****/1366	****	3.81	4.18	4.37	****
2. Were all students actively encouraged to participate	27	0	0	1	0	2	2	4.00	****/1364	****	3.59	4.33	4.52	****
3. Did the instructor encourage fair and open discussion	28	0	0	0	0	1	3	4.75	****/1361	****	3.67	4.39	4.59	****
4. Were special techniques successful	28	1	0	0	0	0	3	5.00	****/1019	****	3.43	4.09	4.32	****

Student Course Evaluation Questionnaires

Course-Section: ENME 403 01														
Term - Fall 2013										**Enrollment: 56**				
Title: Automatic Controls										**Questionnaires: 32**				
Instructor: Wilkerson,Steph														

Questions	NR	NA	Frequencies 1	2	3	4	5	Instructor Mean	Instructor Rank	Course Mean	Org Mean	UMBC Mean	Level Mean	Sect Mean
Laboratory														
2. Were you provided with adequate background information	31	0	0	0	0	1	0	4.00	****/209	****	3.92	4.19	4.27	****
Seminar														
3. Did research projects contribute to what you learned	31	0	0	0	0	1	0	4.00	****/68	****	****	4.41	4.74	****
4. Did presentations contribute to what you learned	31	0	0	0	0	0	1	5.00	****/71	****	****	4.40	4.50	****
5. Were criteria for grading made clear	31	0	0	0	0	0	1	5.00	****/73	****	****	4.09	4.32	****
Field Work														
1. Did field experience contribute to what you learned	31	0	0	0	0	1	0	4.00	****/48	****	****	4.16	4.39	****
2. Did you clearly understand your evaluation criteria	31	0	0	0	0	1	0	4.00	****/45	****	****	4.19	4.23	****
3. Was the instructor available for consultation	31	0	0	0	0	1	0	4.00	****/30	****	****	4.57	4.82	****
4. To what degree could you discuss your evaluations	31	0	0	0	0	1	0	4.00	****/27	****	****	4.25	4.42	****
5. Did conferences help you carry out field activities	31	0	0	0	0	1	0	4.00	****/25	****	****	4.35	4.36	****
Self Paced														
1. Did self-paced system contribute to what you learned	31	0	0	0	0	0	1	5.00	****/51	****	****	4.03	3.67	****
2. Did study questions make clear the expected goal	31	0	0	0	0	0	1	5.00	****/31	****	****	4.18	3.94	****
3. Were your contacts with the instructor helpful	31	0	0	0	0	0	1	5.00	****/36	****	****	4.33	3.80	****
4. Was the feedback/tutoring by proctors helpful	31	0	0	0	0	0	1	5.00	****/19	****	****	4.17	4.75	****

Student Course Evaluation Questionnaires

Course-Section:	ENME 403 01	Term - Fall 2013	Enrollment:	56
Title:	Automatic Controls		Questionnaires:	32
Instructor:	Wilkerson,Steph			

Questions	NR	NA	Frequencies 1	2	3	4	5	Instructor Mean	Instructor Rank	Course Mean	Org Mean	UMBC Mean	Level Mean	Sect Mean
Self Paced														
5. Were there enough proctors for all the students	31	0	0	0	0	1	0	4.00	****/14	****	****	4.17	5.00	****

Frequency Distribution

Credits Earned		Cum. GPA		Expected Grades		Reasons		Type		Majors	
00-27	1	0.00-0.99	0	A	16	Required for Majors	25	Graduate	0	Major	30
28-55	0	1.00-1.99	0	B	10						
56-83	0	2.00-2.99	4	C	0	General	0	Under-grad	32	Non-major	2
84-150	17	3.00-3.49	7	D	0						
Grad.	0	3.50-4.00	8	F	0	Electives	0	**** - Means there are not enough responses			
				P	0			to be significant			
				I	0	Other	0				
				?	4						

Student Course Evaluation Questionnaires

Course-Section:	ENME 408 01
Title:	Sel Top Engr Design
Instructor:	Mogavero,Marc A

Term - Fall 2013

Enrollment:	25
Questionnaires:	20

Questions	NR	NA	1	2	3	4	5	Instructor Mean	Instructor Rank	Course Mean	Org Mean	UMBC Mean	Level Mean	Sect Mean
General														
1. Did you gain new insights,skills from this course	0	0	0	0	3	8	9	4.30	922/1644	4.15	4.28	4.32	4.47	4.30
2. Did the instructor make clear the expected goals	1	0	0	0	1	11	7	4.32	925/1644	4.28	4.12	4.28	4.35	4.32
3. Did the exam questions reflect the expected goals	1	0	1	0	2	2	14	4.47	674/1419	4.24	4.22	4.35	4.48	4.47
4. Did other evaluations reflect the expected goals	1	0	0	1	1	7	10	4.37	773/1596	4.31	4.11	4.24	4.34	4.37
5. Did assigned readings contribute to what you learned	1	4	0	0	6	3	6	4.00	970/1535	3.80	3.84	4.15	4.26	4.00
6. Did written assignments contribute to what you learned	1	1	2	1	3	5	7	3.78	1127/1510	3.89	4.04	4.13	4.29	3.78
7. Was the grading system clearly explained	1	0	0	1	3	4	11	4.32	806/1620	3.99	4.18	4.20	4.25	4.32
8. How many times was class cancelled	1	0	0	0	0	2	17	4.89	652/1642	4.85	4.80	4.68	4.67	4.89
9. How would you grade the overall teaching effectiveness	7	0	0	1	2	9	1	3.77	1233/1596	3.88	3.94	4.12	4.20	3.77
Lecture														
1. Were the instructor's lectures well prepared	1	0	1	0	0	5	13	4.53	867/1534	4.39	4.29	4.48	4.54	4.53
2. Did the instructor seem interested in the subject	1	0	0	0	0	2	17	4.89	637/1539	4.95	4.71	4.76	4.81	4.89
3. Was lecture material presented and explained clearly	3	0	0	0	2	6	9	4.41	839/1531	4.58	4.00	4.33	4.38	4.41
4. Did the lectures contribute to what you learned	1	0	0	1	1	6	11	4.42	856/1530	4.46	4.06	4.35	4.41	4.42
5. Did audiovisual techniques enhance your understanding	5	2	0	0	2	5	6	4.31	579/1409	4.49	3.92	4.08	4.15	4.31
Discussion														
1. Did class discussions contribute to what you learned	15	0	0	0	0	2	3	4.60	424/1366	4.55	3.81	4.18	4.37	4.60
2. Were all students actively encouraged to participate	15	0	0	0	1	1	3	4.40	756/1364	4.40	3.59	4.33	4.52	4.40
3. Did the instructor encourage fair and open discussion	15	0	0	0	0	1	4	4.80	380/1361	4.80	3.67	4.39	4.59	4.80
4. Were special techniques successful	15	1	0	0	1	1	2	4.25	****/1019	****	3.43	4.09	4.32	****

Student Course Evaluation Questionnaires

Course-Section:	ENME 408 01	Term - Fall 2013	Enrollment: 25
Title:	Sel Top Engr Design		Questionnaires: 20
Instructor:	Mogavero,Marc A		

Questions	NR	NA	Frequencies					Instructor		Course	Org	UMBC	Level	Sect
			1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
Laboratory														
1. Did the lab increase understanding of the material	17	0	0	0	0	1	2	4.67	****/185	****	4.05	4.23	4.60	****
2. Were you provided with adequate background information	17	0	0	0	0	1	2	4.67	****/209	****	3.92	4.19	4.27	****
3. Were necessary materials available for lab activities	17	0	0	0	0	0	3	5.00	****/181	****	3.97	4.53	4.31	****
4. Did the lab instructor provide assistance	17	0	0	0	0	0	3	5.00	****/183	****	4.15	4.46	4.63	****
5. Were requirements for lab reports clearly specified	17	0	0	0	0	0	3	5.00	****/172	****	3.48	4.14	4.02	****
Seminar														
1. Were assigned topics relevant to the announced theme	17	0	0	0	0	0	3	5.00	****/72	****	****	4.53	4.71	****
2. Was the instructor available for individual attention	17	0	0	0	0	1	2	4.67	****/71	****	****	4.38	4.66	****
3. Did research projects contribute to what you learned	17	0	0	0	0	0	3	5.00	****/68	****	****	4.41	4.74	****
4. Did presentations contribute to what you learned	17	0	0	0	0	1	2	4.67	****/71	****	****	4.40	4.50	****
5. Were criteria for grading made clear	17	0	0	0	0	1	2	4.67	****/73	****	****	4.09	4.32	****
Field Work														
1. Did field experience contribute to what you learned	17	0	0	0	0	1	2	4.67	****/48	****	****	4.16	4.39	****
2. Did you clearly understand your evaluation criteria	17	0	0	0	0	0	3	5.00	****/45	****	****	4.19	4.23	****
3. Was the instructor available for consultation	17	0	0	0	0	0	3	5.00	****/30	****	****	4.57	4.82	****
4. To what degree could you discuss your evaluations	17	0	0	0	0	0	3	5.00	****/27	****	****	4.25	4.42	****
5. Did conferences help you carry out field activities	17	0	0	0	0	0	3	5.00	****/25	****	****	4.35	4.36	****
Self Paced														
1. Did self-paced system contribute to what you learned	17	0	0	0	0	1	2	4.67	****/51	****	****	4.03	3.67	****
2. Did study questions make clear the expected goal	17	0	0	0	0	1	2	4.67	****/31	****	****	4.18	3.94	****
3. Were your contacts with the instructor helpful	17	0	0	0	0	0	3	5.00	****/36	****	****	4.33	3.80	****

Student Course Evaluation Questionnaires

Course-Section:	ENME 408 01	Term - Fall 2013	Enrollment: 25
Title:	Sel Top Engr Design		Questionnaires: 20
Instructor:	Mogavero,Marc A		

Questions	NR	NA	Frequencies 1	2	3	4	5	Instructor Mean	Rank	Course Mean	Org Mean	UMBC Mean	Level Mean	Sect Mean
Self Paced														
4. Was the feedback/tutoring by proctors helpful	17	0	0	0	0	0	3	5.00	****/19	****	****	4.17	4.75	****
5. Were there enough proctors for all the students	17	0	0	0	0	0	3	5.00	****/14	****	****	4.17	5.00	****

Frequency Distribution

Credits Earned		Cum. GPA		Expected Grades		Reasons		Type		Majors	
00-27	1	0.00-0.99	0	A	12	Required for Majors	8	Graduate	0	Major	13
28-55	0	1.00-1.99	0	B	6						
56-83	1	2.00-2.99	2	C	0	General	0	Under-grad	20	Non-major	7
84-150	9	3.00-3.49	7	D	0						
Grad.	0	3.50-4.00	3	F	0	Electives	8	**** - Means there are not enough responses			
				P	0			to be significant			
				I	0	Other	0				
				?	2						

Student Course Evaluation Questionnaires

Course-Section:	ENME 408 02
Title:	Sel Top Engr Design
Instructor:	Mogavero,Marc A

Term - Fall 2013

| Enrollment: 6 |
| Questionnaires: 5 |

Questions	NR	NA	Frequencies 1	2	3	4	5	Instructor Mean	Rank	Course Mean	Org Mean	UMBC Mean	Level Mean	Sect Mean
General														
1. Did you gain new insights,skills from this course	0	0	0	0	2	1	2	4.00	1218/1644	4.15	4.28	4.32	4.47	4.00
2. Did the instructor make clear the expected goals	1	0	0	0	1	1	2	4.25	988/1644	4.28	4.12	4.28	4.35	4.25
3. Did the exam questions reflect the expected goals	1	2	0	0	1	0	1	4.00	1090/1419	4.24	4.22	4.35	4.48	4.00
4. Did other evaluations reflect the expected goals	1	0	0	0	1	1	2	4.25	911/1596	4.31	4.11	4.24	4.34	4.25
5. Did assigned readings contribute to what you learned	0	0	1	0	1	1	2	3.60	1270/1535	3.80	3.84	4.15	4.26	3.60
6. Did written assignments contribute to what you learned	0	1	0	0	1	2	1	4.00	921/1510	3.89	4.04	4.13	4.29	4.00
7. Was the grading system clearly explained	0	2	0	0	2	0	1	3.67	1366/1620	3.99	4.18	4.20	4.25	3.67
8. How many times was class cancelled	0	0	0	0	0	1	4	4.80	840/1642	4.85	4.80	4.68	4.67	4.80
9. How would you grade the overall teaching effectiveness	1	0	0	0	0	4	0	4.00	971/1596	3.88	3.94	4.12	4.20	4.00
Lecture														
1. Were the instructor's lectures well prepared	1	0	0	0	1	1	2	4.25	1155/1534	4.39	4.29	4.48	4.54	4.25
2. Did the instructor seem interested in the subject	1	0	0	0	0	0	4	5.00	1/1539	4.95	4.71	4.76	4.81	5.00
3. Was lecture material presented and explained clearly	1	0	0	0	0	1	3	4.75	348/1531	4.58	4.00	4.33	4.38	4.75
4. Did the lectures contribute to what you learned	1	0	0	0	1	0	3	4.50	755/1530	4.46	4.06	4.35	4.41	4.50
5. Did audiovisual techniques enhance your understanding	2	0	0	0	0	1	2	4.67	245/1409	4.49	3.92	4.08	4.15	4.67
Discussion														
1. Did class discussions contribute to what you learned	3	0	0	0	0	1	1	4.50	492/1366	4.55	3.81	4.18	4.37	4.50
2. Were all students actively encouraged to participate	4	0	0	0	0	0	1	5.00	****/1364	4.40	3.59	4.33	4.52	****
3. Did the instructor encourage fair and open discussion	4	0	0	0	0	0	1	5.00	****/1361	4.80	3.67	4.39	4.59	****

Student Course Evaluation Questionnaires

Course-Section:	ENME 408 02
Title:	Sel Top Engr Design
Instructor:	Mogavero,Marc A

Term - Fall 2013

Enrollment:	6
Questionnaires:	5

Questions	NR	NA	Frequencies					Instructor		Course	Org	UMBC	Level	Sect
			1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
Discussion														
4. Were special techniques successful	4	0	0	0	0	0	1	5.00	****/1019	****	3.43	4.09	4.32	****

Frequency Distribution

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

Student Course Evaluation Questionnaires

Course-Section:	ENME 422 01
Title:	Heat Transfer Biologica
Instructor:	Zhu,Liang

Term - Fall 2013

Enrollment:	24
Questionnaires:	14

Questions	NR	NA	Frequencies					Instructor		Course	Org	UMBC	Level	Sect
			1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
General														
1. Did you gain new insights,skills from this course	1	0	0	0	0	4	9	4.69	441/1644	4.69	4.28	4.32	4.47	4.69
2. Did the instructor make clear the expected goals	1	0	0	0	2	4	7	4.38	829/1644	4.38	4.12	4.28	4.35	4.38
3. Did the exam questions reflect the expected goals	2	3	0	0	1	5	3	4.22	968/1419	4.22	4.22	4.35	4.48	4.22
4. Did other evaluations reflect the expected goals	2	0	0	0	3	4	5	4.17	1008/1596	4.17	4.11	4.24	4.34	4.17
5. Did assigned readings contribute to what you learned	1	4	0	0	0	4	5	4.56	401/1535	4.56	3.84	4.15	4.26	4.56
6. Did written assignments contribute to what you learned	1	1	0	0	3	4	5	4.17	822/1510	4.17	4.04	4.13	4.29	4.17
7. Was the grading system clearly explained	1	0	0	0	0	3	10	4.77	211/1620	4.77	4.18	4.20	4.25	4.77
8. How many times was class cancelled	1	0	0	0	0	1	12	4.92	505/1642	4.92	4.80	4.68	4.67	4.92
9. How would you grade the overall teaching effectiveness	4	0	0	0	0	7	3	4.30	642/1596	4.30	3.94	4.12	4.20	4.30
Lecture														
1. Were the instructor's lectures well prepared	1	0	0	0	0	1	12	4.92	198/1534	4.92	4.29	4.48	4.54	4.92
2. Did the instructor seem interested in the subject	1	0	0	0	0	0	13	5.00	1/1539	5.00	4.71	4.76	4.81	5.00
3. Was lecture material presented and explained clearly	1	0	0	0	0	3	10	4.77	333/1531	4.77	4.00	4.33	4.38	4.77
4. Did the lectures contribute to what you learned	1	0	0	0	0	3	10	4.77	421/1530	4.77	4.06	4.35	4.41	4.77
5. Did audiovisual techniques enhance your understanding	2	3	0	1	1	1	6	4.33	551/1409	4.33	3.92	4.08	4.15	4.33
Discussion														
1. Did class discussions contribute to what you learned	11	0	0	0	0	1	2	4.67	****/1366	****	3.81	4.18	4.37	****
2. Were all students actively encouraged to participate	11	0	0	0	0	1	2	4.67	****/1364	****	3.59	4.33	4.52	****
3. Did the instructor encourage fair and open discussion	11	0	0	0	0	1	2	4.67	****/1361	****	3.67	4.39	4.59	****
4. Were special techniques successful	11	1	0	0	0	1	1	4.50	****/1019	****	3.43	4.09	4.32	****

Student Course Evaluation Questionnaires

Course-Section: ENME 422 01	Term - Fall 2013	Enrollment: 24
Title: Heat Transfer Biologica		Questionnaires: 14
Instructor: Zhu,Liang		

Questions	NR	NA	1	2	3	4	5	Instructor Mean	Instructor Rank	Course Mean	Org Mean	UMBC Mean	Level Mean	Sect Mean
Laboratory														
1. Did the lab increase understanding of the material	12	1	0	0	0	1	0	4.00	****/185	****	4.05	4.23	4.60	****
2. Were you provided with adequate background information	13	0	0	0	0	0	1	5.00	****/209	****	3.92	4.19	4.27	****
3. Were necessary materials available for lab activities	13	0	0	0	0	1	0	4.00	****/181	****	3.97	4.53	4.31	****
4. Did the lab instructor provide assistance	13	0	0	0	0	1	0	4.00	****/183	****	4.15	4.46	4.63	****
Seminar														
1. Were assigned topics relevant to the announced theme	12	1	0	0	0	0	1	5.00	****/72	****	****	4.53	4.71	****
2. Was the instructor available for individual attention	12	0	0	0	0	1	1	4.50	****/71	****	****	4.38	4.66	****
3. Did research projects contribute to what you learned	12	0	0	0	0	1	1	4.50	****/68	****	****	4.41	4.74	****
4. Did presentations contribute to what you learned	12	0	0	0	0	1	1	4.50	****/71	****	****	4.40	4.50	****
5. Were criteria for grading made clear	12	0	0	0	1	0	1	4.00	****/73	****	****	4.09	4.32	****
Field Work														
1. Did field experience contribute to what you learned	13	0	0	0	0	1	0	4.00	****/48	****	****	4.16	4.39	****
2. Did you clearly understand your evaluation criteria	13	0	0	0	0	1	0	4.00	****/45	****	****	4.19	4.23	****
3. Was the instructor available for consultation	13	0	0	0	0	1	0	4.00	****/30	****	****	4.57	4.82	****
4. To what degree could you discuss your evaluations	13	0	0	0	0	1	0	4.00	****/27	****	****	4.25	4.42	****
5. Did conferences help you carry out field activities	13	0	0	0	0	1	0	4.00	****/25	****	****	4.35	4.36	****
Self Paced														
1. Did self-paced system contribute to what you learned	12	0	0	0	0	1	1	4.50	****/51	****	****	4.03	3.67	****
2. Did study questions make clear the expected goal	12	0	0	0	0	1	1	4.50	****/31	****	****	4.18	3.94	****
3. Were your contacts with the instructor helpful	12	0	0	0	0	0	2	5.00	****/36	****	****	4.33	3.80	****
4. Was the feedback/tutoring by proctors helpful	12	0	0	0	1	1	0	3.50	****/19	****	****	4.17	4.75	****

Student Course Evaluation Questionnaires

Course-Section:	ENME 422 01		Term - Fall 2013		Enrollment:	24
Title:	Heat Transfer Biologica				Questionnaires:	14
Instructor:	Zhu,Liang					

| Questions | NR | NA | Frequencies | | | | | Instructor | | Course | Org | UMBC | Level | Sect |
			1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
Self Paced														
5. Were there enough proctors for all the students	13	0	0	0	0	1	0	4.00	****/14	****	****	4.17	5.00	****

Frequency Distribution

Credits Earned		Cum. GPA		Expected Grades		Reasons		Type		Majors	
00-27	0	0.00-0.99	0	A	7	Required for Majors	5	Graduate	0	Major	12
28-55	0	1.00-1.99	0	B	3						
56-83	0	2.00-2.99	0	C	1	General	1	Under-grad	14	Non-major	2
84-150	3	3.00-3.49	1	D	0						
Grad.	0	3.50-4.00	6	F	0	Electives	6	**** - Means there are not enough responses			
				P	0			to be significant			
				I	0	Other	1				
				?	2						

Student Course Evaluation Questionnaires

Course-Section:	ENME 423 01	Term - Fall 2013		Enrollment: 36
Title:	Heat, Vent, AC Design			Questionnaires: 4
Instructor:	Baughan,James T			

| Questions | NR | NA | Frequencies | | | | | Instructor | | Course | Org | UMBC | Level | Sect |
			1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
General														
1. Did you gain new insights,skills from this course	0	0	0	0	0	1	3	4.75	358/1644	4.75	4.28	4.32	4.47	4.75
2. Did the instructor make clear the expected goals	0	0	0	0	0	2	2	4.50	633/1644	4.50	4.12	4.28	4.35	4.50
3. Did the exam questions reflect the expected goals	0	0	0	0	0	3	1	4.25	942/1419	4.25	4.22	4.35	4.48	4.25
4. Did other evaluations reflect the expected goals	0	0	0	0	0	2	2	4.50	567/1596	4.50	4.11	4.24	4.34	4.50
5. Did assigned readings contribute to what you learned	0	0	0	0	1	1	2	4.25	737/1535	4.25	3.84	4.15	4.26	4.25
6. Did written assignments contribute to what you learned	0	0	0	0	0	2	2	4.50	429/1510	4.50	4.04	4.13	4.29	4.50
7. Was the grading system clearly explained	0	0	0	0	0	2	2	4.50	527/1620	4.50	4.18	4.20	4.25	4.50
8. How many times was class cancelled	0	0	0	0	0	0	4	5.00	1/1642	5.00	4.80	4.68	4.67	5.00
9. How would you grade the overall teaching effectiveness	2	0	0	0	1	1	0	3.50	1388/1596	3.50	3.94	4.12	4.20	3.50
Lecture														
1. Were the instructor's lectures well prepared	0	0	0	0	0	2	2	4.50	891/1534	4.50	4.29	4.48	4.54	4.50
2. Did the instructor seem interested in the subject	0	0	0	0	0	0	4	5.00	1/1539	5.00	4.71	4.76	4.81	5.00
3. Was lecture material presented and explained clearly	0	0	0	0	2	1	1	3.75	1314/1531	3.75	4.00	4.33	4.38	3.75
4. Did the lectures contribute to what you learned	0	0	0	0	1	2	1	4.00	1163/1530	4.00	4.06	4.35	4.41	4.00

Student Course Evaluation Questionnaires

Course-Section: ENME 423 01	Term - Fall 2013	Enrollment: 36
Title: Heat, Vent, AC Design		Questionnaires: 4
Instructor: Baughan,James T		

| Questions | NR | NA | Frequencies | | | | | Instructor | | Course | Org | UMBC | Level | Sect |
			1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
Lecture														
5. Did audiovisual techniques enhance your understanding	0	0	0	0	1	1	2	4.25	627/1409	4.25	3.92	4.08	4.15	4.25

Frequency Distribution

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

Student Course Evaluation Questionnaires

Course-Section: ENME 432L 01	Term - Fall 2013	Enrollment: 37
Title: Fluids/Energy Lab		Questionnaires: 22
Instructor: Zhu,Liang		

Questions	NR	NA	Frequencies 1	2	3	4	5	Instructor Mean	Instructor Rank	Course Mean	Org Mean	UMBC Mean	Level Mean	Sect Mean
General														
1. Did you gain new insights,skills from this course	0	0	1	1	1	12	7	4.05	1187/1644	4.05	4.28	4.32	4.47	4.05
2. Did the instructor make clear the expected goals	0	0	0	0	2	9	11	4.41	802/1644	4.41	4.12	4.28	4.35	4.41
3. Did the exam questions reflect the expected goals	1	10	0	0	2	4	5	4.27	925/1419	4.27	4.22	4.35	4.48	4.27
4. Did other evaluations reflect the expected goals	0	1	0	0	1	7	13	4.57	476/1596	4.57	4.11	4.24	4.34	4.57
5. Did assigned readings contribute to what you learned	1	6	1	3	4	2	5	3.47	1346/1535	3.47	3.84	4.15	4.26	3.47
6. Did written assignments contribute to what you learned	1	0	1	0	1	2	17	4.62	321/1510	4.62	4.04	4.13	4.29	4.62
7. Was the grading system clearly explained	1	0	0	0	1	6	14	4.62	386/1620	4.62	4.18	4.20	4.25	4.62
8. How many times was class cancelled	1	0	0	0	0	3	18	4.86	736/1642	4.86	4.80	4.68	4.67	4.86
9. How would you grade the overall teaching effectiveness	5	2	0	0	2	6	7	4.33	603/1596	4.33	3.94	4.12	4.20	4.33
Lecture														
1. Were the instructor's lectures well prepared	0	0	0	0	1	8	13	4.55	843/1534	4.55	4.29	4.48	4.54	4.55
2. Did the instructor seem interested in the subject	0	0	0	0	0	2	20	4.91	609/1539	4.91	4.71	4.76	4.81	4.91
3. Was lecture material presented and explained clearly	0	0	0	1	1	8	12	4.41	852/1531	4.41	4.00	4.33	4.38	4.41
4. Did the lectures contribute to what you learned	0	3	2	1	2	4	10	4.00	1163/1530	4.00	4.06	4.35	4.41	4.00
5. Did audiovisual techniques enhance your understanding	2	3	2	0	3	7	5	3.76	1021/1409	3.76	3.92	4.08	4.15	3.76
Discussion														
1. Did class discussions contribute to what you learned	21	0	0	0	0	0	1	5.00	****/1366	****	3.81	4.18	4.37	****
2. Were all students actively encouraged to participate	21	0	0	0	0	0	1	5.00	****/1364	****	3.59	4.33	4.52	****
3. Did the instructor encourage fair and open discussion	21	0	0	0	0	0	1	5.00	****/1361	****	3.67	4.39	4.59	****
4. Were special techniques successful	21	0	0	0	0	0	1	5.00	****/1019	****	3.43	4.09	4.32	****

Student Course Evaluation Questionnaires

Course-Section:	ENME 432L 01	Term - Fall 2013	Enrollment: 37
Title:	Fluids/Energy Lab		Questionnaires: 22
Instructor:	Zhu,Liang		

		Frequencies					Instructor		Course	Org	UMBC	Level	Sect
Questions	NR	NA	1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
Laboratory														
1. Did the lab increase understanding of the material	7	0	0	0	0	6	9	4.60	51/185	4.60	4.05	4.23	4.60	4.60
2. Were you provided with adequate background information	7	0	1	0	0	3	11	4.53	76/209	4.53	3.92	4.19	4.27	4.53
3. Were necessary materials available for lab activities	7	0	0	0	3	3	9	4.40	138/181	4.40	3.97	4.53	4.31	4.40
4. Did the lab instructor provide assistance	7	0	0	0	2	3	10	4.53	88/183	4.53	4.15	4.46	4.63	4.53
5. Were requirements for lab reports clearly specified	7	0	0	0	1	4	10	4.60	38/172	4.60	3.48	4.14	4.02	4.60

Frequency Distribution

Credits Earned		Cum. GPA		Expected Grades		Reasons		Type		Majors	
00-27	2	0.00-0.99	0	A	8	Required for Majors	21	Graduate	0	Major	21
28-55	0	1.00-1.99	0	B	10						
56-83	0	2.00-2.99	2	C	0	General	0	Under-grad	22	Non-major	1
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			
				P	0			to be significant			
				I	0	Other	0				
				?	3						

Student Course Evaluation Questionnaires

Course-Section:	ENME 444 01		Term - Fall 2013		Enrollment:	48
Title:	Mech Engr Systems Design				Questionnaires:	37
Instructor:	Rothman,Neil S					

Questions	NR	NA	Frequencies					Instructor		Course	Org	UMBC	Level	Sect
			1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
General														
1. Did you gain new insights,skills from this course	0	0	1	1	5	11	19	4.24	985/1644	4.24	4.28	4.32	4.47	4.24
2. Did the instructor make clear the expected goals	1	0	1	0	4	12	19	4.33	897/1644	4.33	4.12	4.28	4.35	4.33
3. Did the exam questions reflect the expected goals	0	31	0	0	1	0	5	4.67	****/1419	****	4.22	4.35	4.48	****
4. Did other evaluations reflect the expected goals	1	1	0	0	1	12	22	4.60	437/1596	4.60	4.11	4.24	4.34	4.60
5. Did assigned readings contribute to what you learned	1	21	3	2	3	4	3	3.13	1453/1535	3.13	3.84	4.15	4.26	3.13
6. Did written assignments contribute to what you learned	2	2	0	0	6	16	11	4.15	831/1510	4.15	4.04	4.13	4.29	4.15
7. Was the grading system clearly explained	2	0	0	1	7	12	15	4.17	994/1620	4.17	4.18	4.20	4.25	4.17
8. How many times was class cancelled	2	2	1	0	1	9	22	4.55	1167/1642	4.55	4.80	4.68	4.67	4.55
9. How would you grade the overall teaching effectiveness	5	1	0	0	1	10	20	4.61	288/1596	4.61	3.94	4.12	4.20	4.61
Lecture														
1. Were the instructor's lectures well prepared	0	0	0	0	2	5	30	4.76	525/1534	4.76	4.29	4.48	4.54	4.76
2. Did the instructor seem interested in the subject	0	0	0	0	3	4	30	4.73	1047/1539	4.73	4.71	4.76	4.81	4.73
3. Was lecture material presented and explained clearly	0	0	0	0	4	7	26	4.59	580/1531	4.59	4.00	4.33	4.38	4.59
4. Did the lectures contribute to what you learned	1	0	0	0	9	8	19	4.28	988/1530	4.28	4.06	4.35	4.41	4.28
5. Did audiovisual techniques enhance your understanding	1	2	0	1	10	11	12	4.00	825/1409	4.00	3.92	4.08	4.15	4.00
Discussion														
1. Did class discussions contribute to what you learned	35	0	1	0	1	0	0	2.00	****/1366	****	3.81	4.18	4.37	****
2. Were all students actively encouraged to participate	35	0	0	0	1	0	1	4.00	****/1364	****	3.59	4.33	4.52	****
3. Did the instructor encourage fair and open discussion	35	0	0	0	1	0	1	4.00	****/1361	****	3.67	4.39	4.59	****
4. Were special techniques successful	35	1	0	0	1	0	0	3.00	****/1019	****	3.43	4.09	4.32	****

Student Course Evaluation Questionnaires

Course-Section: ENME 444 01	Term - Fall 2013	Enrollment: 48
Title: Mech Engr Systems Design		Questionnaires: 37
Instructor: Rothman,Neil S		

Questions	NR	NA	Frequencies					Instructor		Course	Org	UMBC	Level	Sect
			1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
Laboratory														
1. Did the lab increase understanding of the material	33	0	0	0	1	2	1	4.00	****/185	****	4.05	4.23	4.60	****
2. Were you provided with adequate background information	33	0	1	0	0	2	1	3.50	****/209	****	3.92	4.19	4.27	****
3. Were necessary materials available for lab activities	33	0	1	0	0	2	1	3.50	****/181	****	3.97	4.53	4.31	****
4. Did the lab instructor provide assistance	33	2	0	0	0	2	0	4.00	****/183	****	4.15	4.46	4.63	****
5. Were requirements for lab reports clearly specified	33	1	0	0	1	1	1	4.00	****/172	****	3.48	4.14	4.02	****
Seminar														
1. Were assigned topics relevant to the announced theme	36	0	0	0	0	1	0	4.00	****/72	****	****	4.53	4.71	****
2. Was the instructor available for individual attention	36	0	0	0	0	1	0	4.00	****/71	****	****	4.38	4.66	****
3. Did research projects contribute to what you learned	36	0	0	0	0	1	0	4.00	****/68	****	****	4.41	4.74	****
4. Did presentations contribute to what you learned	36	0	0	0	1	0	0	3.00	****/71	****	****	4.40	4.50	****
5. Were criteria for grading made clear	36	0	0	1	0	0	0	2.00	****/73	****	****	4.09	4.32	****
Field Work														
1. Did field experience contribute to what you learned	36	0	0	0	0	1	0	4.00	****/48	****	****	4.16	4.39	****
2. Did you clearly understand your evaluation criteria	36	0	0	0	0	1	0	4.00	****/45	****	****	4.19	4.23	****
3. Was the instructor available for consultation	36	0	0	0	1	0	0	3.00	****/30	****	****	4.57	4.82	****
4. To what degree could you discuss your evaluations	36	0	0	0	1	0	0	3.00	****/27	****	****	4.25	4.42	****
5. Did conferences help you carry out field activities	36	0	0	0	1	0	0	3.00	****/25	****	****	4.35	4.36	****
Self Paced														
1. Did self-paced system contribute to what you learned	36	0	0	0	0	1	0	4.00	****/51	****	****	4.03	3.67	****
2. Did study questions make clear the expected goal	36	0	0	0	0	1	0	4.00	****/31	****	****	4.18	3.94	****
3. Were your contacts with the instructor helpful	36	0	0	0	1	0	0	3.00	****/36	****	****	4.33	3.80	****

Student Course Evaluation Questionnaires

Course-Section:	ENME 444 01	Term - Fall 2013	Enrollment: 48
Title:	Mech Engr Systems Design		Questionnaires: 37
Instructor:	Rothman,Neil S		

Questions	NR	NA	Frequencies					Instructor		Course	Org	UMBC	Level	Sect
			1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
Self Paced														
4. Was the feedback/tutoring by proctors helpful	36	0	0	0	1	0	0	3.00	****/19	****	****	4.17	4.75	****
5. Were there enough proctors for all the students	36	0	0	0	1	0	0	3.00	****/14	****	****	4.17	5.00	****

Frequency Distribution

Credits Earned		Cum. GPA		Expected Grades		Reasons		Type		Majors	
00-27	1	0.00-0.99	0	A	18	Required for Majors	34	Graduate	0	Major	32
28-55	0	1.00-1.99	0	B	12						
56-83	0	2.00-2.99	7	C	0	General	0	Under-grad	37	Non-major	5
84-150	13	3.00-3.49	8	D	0						
Grad.	0	3.50-4.00	7	F	1	Electives	0	**** - Means there are not enough responses			
				P	0			to be significant			
				I	0	Other	0				
				?	5						

Student Course Evaluation Questionnaires

Course-Section: ENME 489 01	Term - Fall 2013	Enrollment: 12
Title: Spec Topics In Mech Engr		Questionnaires: 8
Instructor: Zupan,Marcus		

| | | | Frequencies | | | | | Instructor | | Course | Org | UMBC | Level | Sect |
Questions	NR	NA	1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
General														
1. Did you gain new insights,skills from this course	0	0	0	0	0	1	7	4.88	208/1644	4.80	4.28	4.32	4.47	4.88
2. Did the instructor make clear the expected goals	0	0	0	0	0	3	5	4.63	481/1644	4.51	4.12	4.28	4.35	4.63
3. Did the exam questions reflect the expected goals	0	5	0	0	0	0	3	5.00	1/1419	4.91	4.22	4.35	4.48	5.00
4. Did other evaluations reflect the expected goals	0	1	0	0	0	2	5	4.71	292/1596	4.68	4.11	4.24	4.34	4.71
5. Did assigned readings contribute to what you learned	0	2	0	0	1	1	4	4.50	442/1535	4.53	3.84	4.15	4.26	4.50
6. Did written assignments contribute to what you learned	0	0	0	0	1	1	6	4.63	312/1510	4.57	4.04	4.13	4.29	4.63
7. Was the grading system clearly explained	0	3	0	0	2	0	3	4.20	968/1620	4.49	4.18	4.20	4.25	4.20
8. How many times was class cancelled	0	0	0	0	0	3	5	4.63	1088/1642	4.70	4.80	4.68	4.67	4.63
9. How would you grade the overall teaching effectiveness	3	0	0	0	0	2	3	4.60	297/1596	4.50	3.94	4.12	4.20	4.60
Lecture														
1. Were the instructor's lectures well prepared	0	0	0	0	0	1	7	4.88	305/1534	4.78	4.29	4.48	4.54	4.88
2. Did the instructor seem interested in the subject	0	0	0	0	0	0	8	5.00	1/1539	4.91	4.71	4.76	4.81	5.00
3. Was lecture material presented and explained clearly	0	0	0	0	1	0	7	4.75	348/1531	4.56	4.00	4.33	4.38	4.75
4. Did the lectures contribute to what you learned	0	0	1	0	0	0	7	4.50	755/1530	4.60	4.06	4.35	4.41	4.50
5. Did audiovisual techniques enhance your understanding	0	0	0	0	2	0	6	4.50	381/1409	4.35	3.92	4.08	4.15	4.50
Discussion														
1. Did class discussions contribute to what you learned	7	0	0	0	0	0	1	5.00	****/1366	4.33	3.81	4.18	4.37	****
2. Were all students actively encouraged to participate	7	0	0	0	0	0	1	5.00	****/1364	4.33	3.59	4.33	4.52	****
3. Did the instructor encourage fair and open discussion	7	0	0	0	0	0	1	5.00	****/1361	4.33	3.67	4.39	4.59	****

Student Course Evaluation Questionnaires

Course-Section:	ENME 489 01	Term - Fall 2013	Enrollment: 12
Title:	Spec Topics In Mech Engr		Questionnaires: 8
Instructor:	Zupan,Marcus		

Questions	NR	NA	Frequencies 1	2	3	4	5	Instructor Mean	Rank	Course Mean	Org Mean	UMBC Mean	Level Mean	Sect Mean
Discussion														
4. Were special techniques successful	7	0	0	0	0	0	1	5.00	****/1019	4.00	3.43	4.09	4.32	****

Frequency Distribution

Credits Earned		Cum. GPA		Expected Grades		Reasons		Type		Majors	
00-27	0	0.00-0.99	0	A	4	Required for Majors	1	Graduate	0	Major	7
28-55	0	1.00-1.99	0	B	2						
56-83	0	2.00-2.99	0	C	0	General	0	Under-grad	8	Non-major	1
84-150	1	3.00-3.49	2	D	0						
Grad.	0	3.50-4.00	3	F	0	Electives	4				
				P	0						
				I	0	Other	0				
				?	2						

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

Student Course Evaluation Questionnaires

Course-Section: ENME 489 01	Term - Fall 2013	Enrollment: 12
Title: Spec Topics In Mech Engr		Questionnaires: 8
Instructor: Spence,Anne M		

Questions	NR	NA	Frequencies 1	2	3	4	5	Instructor Mean	Rank	Course Mean	Org Mean	UMBC Mean	Level Mean	Sect Mean
General														
1. Did you gain new insights,skills from this course	0	0	0	0	0	1	7	4.88	208/1644	4.80	4.28	4.32	4.47	4.88
2. Did the instructor make clear the expected goals	0	0	0	0	0	3	5	4.63	481/1644	4.51	4.12	4.28	4.35	4.63
3. Did the exam questions reflect the expected goals	0	5	0	0	0	0	3	5.00	1/1419	4.91	4.22	4.35	4.48	5.00
4. Did other evaluations reflect the expected goals	0	1	0	0	0	2	5	4.71	292/1596	4.68	4.11	4.24	4.34	4.71
5. Did assigned readings contribute to what you learned	0	2	0	0	1	1	4	4.50	442/1535	4.53	3.84	4.15	4.26	4.50
6. Did written assignments contribute to what you learned	0	0	0	0	1	1	6	4.63	312/1510	4.57	4.04	4.13	4.29	4.63
7. Was the grading system clearly explained	0	3	0	0	2	0	3	4.20	968/1620	4.49	4.18	4.20	4.25	4.20
8. How many times was class cancelled	0	0	0	0	0	3	5	4.63	1088/1642	4.70	4.80	4.68	4.67	4.63
9. How would you grade the overall teaching effectiveness	7	0	0	0	0	0	1	5.00	****/1596	4.50	3.94	4.12	4.20	4.60
Lecture														
1. Were the instructor's lectures well prepared	7	0	0	0	0	0	1	5.00	****/1534	4.78	4.29	4.48	4.54	4.88
2. Did the instructor seem interested in the subject	7	0	0	0	0	0	1	5.00	****/1539	4.91	4.71	4.76	4.81	5.00
3. Was lecture material presented and explained clearly	7	0	0	0	0	0	1	5.00	****/1531	4.56	4.00	4.33	4.38	4.75
4. Did the lectures contribute to what you learned	7	0	0	0	0	0	1	5.00	****/1530	4.60	4.06	4.35	4.41	4.50
5. Did audiovisual techniques enhance your understanding	7	0	0	0	0	0	1	5.00	****/1409	4.35	3.92	4.08	4.15	4.50
Discussion														
1. Did class discussions contribute to what you learned	7	0	0	0	0	0	1	5.00	****/1366	4.33	3.81	4.18	4.37	****
2. Were all students actively encouraged to participate	7	0	0	0	0	0	1	5.00	****/1364	4.33	3.59	4.33	4.52	****
3. Did the instructor encourage fair and open discussion	7	0	0	0	0	0	1	5.00	****/1361	4.33	3.67	4.39	4.59	****

Student Course Evaluation Questionnaires

Course-Section: ENME 489 01	Term - Fall 2013	Enrollment: 12
Title: Spec Topics In Mech Engr		Questionnaires: 8
Instructor: Spence,Anne M		

Questions	NR	NA	Frequencies					Instructor		Course Mean	Org Mean	UMBC Mean	Level Mean	Sect Mean
			1	2	3	4	5	Mean	Rank					
Discussion														
4. Were special techniques successful	7	0	0	0	0	0	1	5.00	****/1019	4.00	3.43	4.09	4.32	****

Frequency Distribution

Credits Earned		Cum. GPA		Expected Grades		Reasons		Type		Majors	
00-27	0	0.00-0.99	0	A	4	Required for Majors	1	Graduate	0	Major	7
28-55	0	1.00-1.99	0	B	2						
56-83	0	2.00-2.99	0	C	0	General	0	Under-grad	8	Non-major	1
84-150	1	3.00-3.49	2	D	0						
Grad.	0	3.50-4.00	3	F	0	Electives	4				
				P	0						
				I	0	Other	0				
				?	2						

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

Student Course Evaluation Questionnaires

Course-Section: ENME 489 04	Term - Fall 2013	Enrollment: 10
Title: Spec Topics In Mech Engr		Questionnaires: 10
Instructor: Arola,Dwayne D		

Questions	NR	NA	Frequencies 1	2	3	4	5	Instructor Mean	Rank	Course Mean	Org Mean	UMBC Mean	Level Mean	Sect Mean
General														
1. Did you gain new insights,skills from this course	0	0	0	0	0	1	9	4.90	175/1644	4.80	4.28	4.32	4.47	4.90
2. Did the instructor make clear the expected goals	0	0	0	0	0	2	8	4.80	230/1644	4.51	4.12	4.28	4.35	4.80
3. Did the exam questions reflect the expected goals	0	0	0	0	0	1	9	4.90	170/1419	4.91	4.22	4.35	4.48	4.90
4. Did other evaluations reflect the expected goals	0	1	0	0	0	0	9	5.00	1/1596	4.68	4.11	4.24	4.34	5.00
5. Did assigned readings contribute to what you learned	0	0	0	0	0	2	8	4.80	191/1535	4.53	3.84	4.15	4.26	4.80
6. Did written assignments contribute to what you learned	0	0	0	0	1	3	6	4.50	429/1510	4.57	4.04	4.13	4.29	4.50
7. Was the grading system clearly explained	0	0	0	0	0	1	9	4.90	88/1620	4.49	4.18	4.20	4.25	4.90
8. How many times was class cancelled	0	0	0	0	0	3	7	4.70	988/1642	4.70	4.80	4.68	4.67	4.70
9. How would you grade the overall teaching effectiveness	0	1	0	0	0	2	7	4.78	164/1596	4.50	3.94	4.12	4.20	4.78
Lecture														
1. Were the instructor's lectures well prepared	0	0	0	0	0	0	10	5.00	1/1534	4.78	4.29	4.48	4.54	5.00
2. Did the instructor seem interested in the subject	0	0	0	0	0	1	9	4.90	609/1539	4.91	4.71	4.76	4.81	4.90
3. Was lecture material presented and explained clearly	0	0	0	0	1	0	9	4.80	275/1531	4.56	4.00	4.33	4.38	4.80
4. Did the lectures contribute to what you learned	0	0	0	0	1	0	9	4.80	356/1530	4.60	4.06	4.35	4.41	4.80
5. Did audiovisual techniques enhance your understanding	0	0	1	0	1	2	6	4.20	675/1409	4.35	3.92	4.08	4.15	4.20
Discussion														
1. Did class discussions contribute to what you learned	9	0	0	0	0	0	1	5.00	****/1366	4.33	3.81	4.18	4.37	****
2. Were all students actively encouraged to participate	9	0	0	0	0	0	1	5.00	****/1364	4.33	3.59	4.33	4.52	****
3. Did the instructor encourage fair and open discussion	9	0	0	0	0	0	1	5.00	****/1361	4.33	3.67	4.39	4.59	****
Field Work														
1. Did field experience contribute to what you learned	9	0	0	0	0	0	1	5.00	****/48	****	****	4.16	4.39	****

Student Course Evaluation Questionnaires

Course-Section:	ENME 489 04
Title:	Spec Topics In Mech Engr
Instructor:	Arola,Dwayne D

Term - Fall 2013

Enrollment:	10
Questionnaires:	10

Questions	NR	NA	Frequencies 1	2	3	4	5	Instructor Mean	Rank	Course Mean	Org Mean	UMBC Mean	Level Mean	Sect Mean
Field Work														
2. Did you clearly understand your evaluation criteria	9	0	0	0	0	0	1	5.00	****/45	****	****	4.19	4.23	****
4. To what degree could you discuss your evaluations	9	0	0	0	0	0	1	5.00	****/27	****	****	4.25	4.42	****
Self Paced														
1. Did self-paced system contribute to what you learned	9	0	0	0	0	0	1	5.00	****/51	****	****	4.03	3.67	****
3. Were your contacts with the instructor helpful	9	0	0	0	0	0	1	5.00	****/36	****	****	4.33	3.80	****

Frequency Distribution

Credits Earned		Cum. GPA		Expected Grades		Reasons		Type		Majors	
00-27	1	0.00-0.99	0	A	4	Required for Majors	4	Graduate	3	Major	6
28-55	0	1.00-1.99	0	B	5						
56-83	0	2.00-2.99	1	C	0	General	0	Under-grad	7	Non-major	4
84-150	3	3.00-3.49	3	D	0						
Grad.	3	3.50-4.00	0	F	0	Electives	5	**** - Means there are not enough responses			
				P	0			to be significant			
				I	0	Other	0				
				?	1						

Student Course Evaluation Questionnaires

Course-Section:	ENME 489 05
Title:	Spec Topics In Mech Engr
Instructor:	Rothman,Neil S

Term - Fall 2013

Enrollment:	17
Questionnaires:	14

Questions	NR	NA	Freq 1	Freq 2	Freq 3	Freq 4	Freq 5	Instructor Mean	Instructor Rank	Course Mean	Org Mean	UMBC Mean	Level Mean	Sect Mean
General														
1. Did you gain new insights,skills from this course	4	0	0	0	0	0	10	5.00	1/1644	4.80	4.28	4.32	4.47	5.00
2. Did the instructor make clear the expected goals	4	0	0	0	0	4	6	4.60	508/1644	4.51	4.12	4.28	4.35	4.60
3. Did the exam questions reflect the expected goals	4	9	0	0	0	1	0	4.00	****/1419	4.91	4.22	4.35	4.48	****
4. Did other evaluations reflect the expected goals	4	0	0	0	0	3	7	4.70	302/1596	4.68	4.11	4.24	4.34	4.70
5. Did assigned readings contribute to what you learned	4	0	0	0	0	4	6	4.60	361/1535	4.53	3.84	4.15	4.26	4.60
6. Did written assignments contribute to what you learned	4	0	0	0	0	2	8	4.80	149/1510	4.57	4.04	4.13	4.29	4.80
7. Was the grading system clearly explained	4	0	0	0	0	5	5	4.50	527/1620	4.49	4.18	4.20	4.25	4.50
8. How many times was class cancelled	5	0	0	0	0	2	7	4.78	884/1642	4.70	4.80	4.68	4.67	4.78
9. How would you grade the overall teaching effectiveness	5	0	0	0	0	1	8	4.89	104/1596	4.50	3.94	4.12	4.20	4.89
Lecture														
1. Were the instructor's lectures well prepared	4	0	0	0	0	0	10	5.00	1/1534	4.78	4.29	4.48	4.54	5.00
2. Did the instructor seem interested in the subject	4	0	0	0	0	0	10	5.00	1/1539	4.91	4.71	4.76	4.81	5.00
3. Was lecture material presented and explained clearly	4	0	0	0	0	3	7	4.70	421/1531	4.56	4.00	4.33	4.38	4.70
4. Did the lectures contribute to what you learned	4	0	0	0	0	4	6	4.60	644/1530	4.60	4.06	4.35	4.41	4.60
5. Did audiovisual techniques enhance your understanding	4	0	0	0	0	3	7	4.70	211/1409	4.35	3.92	4.08	4.15	4.70
Discussion														
1. Did class discussions contribute to what you learned	12	0	0	0	0	1	1	4.50	****/1366	4.33	3.81	4.18	4.37	****
2. Were all students actively encouraged to participate	12	0	0	0	0	0	2	5.00	****/1364	4.33	3.59	4.33	4.52	****
3. Did the instructor encourage fair and open discussion	12	0	0	0	0	0	2	5.00	****/1361	4.33	3.67	4.39	4.59	****

Student Course Evaluation Questionnaires

Course-Section:	ENME 489 05	Term - Fall 2013	Enrollment:	17
Title:	Spec Topics In Mech Engr		Questionnaires:	14
Instructor:	Rothman,Neil S			

Questions	NR	NA	Frequencies 1	2	3	4	5	Instructor Mean	Rank	Course Mean	Org Mean	UMBC Mean	Level Mean	Sect Mean
Self Paced														
3. Were your contacts with the instructor helpful	13	0	0	0	0	0	1	5.00	****/36	****	****	4.33	3.80	****

Frequency Distribution

Credits Earned		Cum. GPA		Expected Grades		Reasons		Type		Majors	
00-27	0	0.00-0.99	0	A	9	Required for Majors	1	Graduate	1	Major	7
28-55	0	1.00-1.99	0	B	1						
56-83	0	2.00-2.99	1	C	0	General	0	Under-grad	13	Non-major	7
84-150	5	3.00-3.49	2	D	0						
Grad.	1	3.50-4.00	4	F	0	Electives	9				
				P	0						
				I	0	Other	0				
				?	4						

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

Student Course Evaluation Questionnaires

Course-Section: ENME 489 07		Term - Fall 2013		Enrollment: 10	
Title: Spec Topics In Mech Engr				Questionnaires: 9	
Instructor: Zhu,Weidong					

			Frequencies					Instructor		Course	Org	UMBC	Level	Sect
Questions	NR	NA	1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
General														
1. Did you gain new insights,skills from this course	0	0	0	0	0	6	3	4.33	889/1644	4.80	4.28	4.32	4.47	4.33
2. Did the instructor make clear the expected goals	0	0	0	0	4	2	3	3.89	1316/1644	4.51	4.12	4.28	4.35	3.89
3. Did the exam questions reflect the expected goals	0	5	0	0	0	1	3	4.75	337/1419	4.91	4.22	4.35	4.48	4.75
4. Did other evaluations reflect the expected goals	0	1	0	0	1	4	3	4.25	911/1596	4.68	4.11	4.24	4.34	4.25
5. Did assigned readings contribute to what you learned	0	1	0	0	2	2	4	4.25	737/1535	4.53	3.84	4.15	4.26	4.25
6. Did written assignments contribute to what you learned	0	2	0	0	1	3	3	4.29	691/1510	4.57	4.04	4.13	4.29	4.29
7. Was the grading system clearly explained	0	1	0	0	0	3	5	4.63	375/1620	4.49	4.18	4.20	4.25	4.63
8. How many times was class cancelled	0	0	0	0	0	2	7	4.78	884/1642	4.70	4.80	4.68	4.67	4.78
9. How would you grade the overall teaching effectiveness	2	0	0	0	3	3	1	3.71	1270/1596	4.50	3.94	4.12	4.20	3.71
Lecture														
1. Were the instructor's lectures well prepared	1	0	0	0	2	2	4	4.25	1155/1534	4.78	4.29	4.48	4.54	4.25
2. Did the instructor seem interested in the subject	1	0	0	0	0	2	6	4.75	990/1539	4.91	4.71	4.76	4.81	4.75
3. Was lecture material presented and explained clearly	1	0	0	0	3	2	3	4.00	1163/1531	4.56	4.00	4.33	4.38	4.00
4. Did the lectures contribute to what you learned	1	0	0	0	0	4	4	4.50	755/1530	4.60	4.06	4.35	4.41	4.50
5. Did audiovisual techniques enhance your understanding	2	3	0	1	0	1	2	4.00	825/1409	4.35	3.92	4.08	4.15	4.00
Discussion														
1. Did class discussions contribute to what you learned	6	0	0	0	1	0	2	4.33	660/1366	4.33	3.81	4.18	4.37	4.33
2. Were all students actively encouraged to participate	6	0	0	0	1	0	2	4.33	817/1364	4.33	3.59	4.33	4.52	4.33
3. Did the instructor encourage fair and open discussion	6	0	0	0	1	0	2	4.33	875/1361	4.33	3.67	4.39	4.59	4.33
4. Were special techniques successful	6	0	0	1	0	0	2	4.00	559/1019	4.00	3.43	4.09	4.32	4.00

Student Course Evaluation Questionnaires

Course-Section:	ENME 489 07
Title:	Spec Topics In Mech Engr
Instructor:	Zhu,Weidong

Term - Fall 2013

Enrollment: 10
Questionnaires: 9

Questions	NR	NA	1	2	3	4	5	Instructor Mean	Instructor Rank	Course Mean	Org Mean	UMBC Mean	Level Mean	Sect Mean
Laboratory														
1. Did the lab increase understanding of the material	8	0	0	0	0	0	1	5.00	****/185	****	4.05	4.23	4.60	****
2. Were you provided with adequate background information	8	0	0	0	0	0	1	5.00	****/209	****	3.92	4.19	4.27	****
3. Were necessary materials available for lab activities	8	0	0	0	0	0	1	5.00	****/181	****	3.97	4.53	4.31	****
4. Did the lab instructor provide assistance	8	0	0	0	0	0	1	5.00	****/183	****	4.15	4.46	4.63	****
5. Were requirements for lab reports clearly specified	8	0	0	0	0	0	1	5.00	****/172	****	3.48	4.14	4.02	****
Seminar														
1. Were assigned topics relevant to the announced theme	8	0	0	0	0	0	1	5.00	****/72	****	****	4.53	4.71	****
2. Was the instructor available for individual attention	8	0	0	0	0	0	1	5.00	****/71	****	****	4.38	4.66	****
3. Did research projects contribute to what you learned	8	0	0	0	0	0	1	5.00	****/68	****	****	4.41	4.74	****
4. Did presentations contribute to what you learned	8	0	0	0	0	0	1	5.00	****/71	****	****	4.40	4.50	****
5. Were criteria for grading made clear	8	0	0	0	0	0	1	5.00	****/73	****	****	4.09	4.32	****
Field Work														
1. Did field experience contribute to what you learned	8	0	0	0	0	0	1	5.00	****/48	****	****	4.16	4.39	****
2. Did you clearly understand your evaluation criteria	8	0	0	0	0	0	1	5.00	****/45	****	****	4.19	4.23	****
3. Was the instructor available for consultation	8	0	0	0	0	0	1	5.00	****/30	****	****	4.57	4.82	****
4. To what degree could you discuss your evaluations	8	0	0	0	0	0	1	5.00	****/27	****	****	4.25	4.42	****
5. Did conferences help you carry out field activities	8	0	0	0	0	0	1	5.00	****/25	****	****	4.35	4.36	****
Self Paced														
1. Did self-paced system contribute to what you learned	8	0	0	0	0	0	1	5.00	****/51	****	****	4.03	3.67	****
2. Did study questions make clear the expected goal	8	0	0	0	0	0	1	5.00	****/31	****	****	4.18	3.94	****
3. Were your contacts with the instructor helpful	8	0	0	0	0	0	1	5.00	****/36	****	****	4.33	3.80	****

Student Course Evaluation Questionnaires

Course-Section: ENME 489 07	Term - Fall 2013	Enrollment: 10
Title: Spec Topics In Mech Engr		Questionnaires: 9
Instructor: Zhu,Weidong		

Questions	NR	NA	Frequencies					Instructor		Course	Org	UMBC	Level	Sect
			1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
Self Paced														
4. Was the feedback/tutoring by proctors helpful	8	0	0	0	0	0	1	5.00	****/19	****	****	4.17	4.75	****
5. Were there enough proctors for all the students	8	0	0	0	0	0	1	5.00	****/14	****	****	4.17	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	1	Graduate	1	Major	8
28-55	0	1.00-1.99	0	B	3						
56-83	0	2.00-2.99	0	C	0	General	0	Under-grad	8	Non-major	1
84-150	2	3.00-3.49	2	D	0						
Grad.	1	3.50-4.00	2	F	0	Electives	5	**** - Means there are not enough responses			
				P	0			to be significant			
				I	0	Other	1				
				?	2						

Student Course Evaluation Questionnaires

Course-Section: ENME 631 01	Term - Fall 2013	Enrollment: 15
Title: Adv. Cond. & Radiation H		Questionnaires: 11
Instructor: Ma,Ronghui		

| Questions | NR | NA | Frequencies | | | | | Instructor | | Course | Org | UMBC | Level | Sect |
			1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
General														
1. Did you gain new insights,skills from this course	0	0	0	1	1	3	6	4.27	953/1644	4.27	4.28	4.32	4.42	4.27
2. Did the instructor make clear the expected goals	0	0	0	1	0	2	8	4.55	583/1644	4.55	4.12	4.28	4.32	4.55
3. Did the exam questions reflect the expected goals	0	0	0	1	0	1	9	4.64	502/1419	4.64	4.22	4.35	4.45	4.64
4. Did other evaluations reflect the expected goals	0	1	1	0	1	4	4	4.00	1129/1596	4.00	4.11	4.24	4.32	4.00
5. Did assigned readings contribute to what you learned	0	3	0	0	1	5	2	4.13	866/1535	4.13	3.84	4.15	4.25	4.13
6. Did written assignments contribute to what you learned	0	4	0	0	0	3	4	4.57	359/1510	4.57	4.04	4.13	4.24	4.57
7. Was the grading system clearly explained	0	0	0	0	4	4	3	3.91	1241/1620	3.91	4.18	4.20	4.29	3.91
8. How many times was class cancelled	0	0	0	0	0	6	5	4.45	1244/1642	4.45	4.80	4.68	4.82	4.45
9. How would you grade the overall teaching effectiveness	2	0	1	0	2	3	3	3.78	1225/1596	3.78	3.94	4.12	4.20	3.78
Lecture														
1. Were the instructor's lectures well prepared	1	0	0	0	0	3	7	4.70	611/1534	4.70	4.29	4.48	4.52	4.70
2. Did the instructor seem interested in the subject	1	0	0	0	0	0	10	5.00	1/1539	5.00	4.71	4.76	4.79	5.00
3. Was lecture material presented and explained clearly	1	0	0	0	1	2	7	4.60	565/1531	4.60	4.00	4.33	4.34	4.60
4. Did the lectures contribute to what you learned	1	0	0	0	0	4	6	4.60	644/1530	4.60	4.06	4.35	4.38	4.60
5. Did audiovisual techniques enhance your understanding	1	2	1	0	1	3	3	3.88	943/1409	3.88	3.92	4.08	4.04	3.88
Discussion														
1. Did class discussions contribute to what you learned	7	0	0	0	1	2	1	4.00	862/1366	4.00	3.81	4.18	4.26	4.00
2. Were all students actively encouraged to participate	6	0	1	1	1	2	0	2.80	1327/1364	2.80	3.59	4.33	4.46	2.80
3. Did the instructor encourage fair and open discussion	6	0	2	0	2	1	0	2.40	1345/1361	2.40	3.67	4.39	4.49	2.40

Student Course Evaluation Questionnaires

Course-Section:	ENME 631 01
Title:	Adv. Cond. & Radiation H
Instructor:	Ma,Ronghui

Term - Fall 2013

Enrollment:	15
Questionnaires:	11

			Frequencies					Instructor		Course	Org	UMBC	Level	Sect
Questions	NR	NA	1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
Discussion														
4. Were special techniques successful	6	2	0	0	3	0	0	3.00	961/1019	3.00	3.43	4.09	4.12	3.00

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	6	Major	11
28-55	0	1.00-1.99	0	B	5						
56-83	0	2.00-2.99	0	C	0	General	0	Under-grad	5	Non-major	0
84-150	1	3.00-3.49	2	D	0						
Grad.	6	3.50-4.00	2	F	0	Electives	1				
				P	0			**** - Means there are not enough responses			
				I	0	Other	1	to be significant			
				?	1						

Student Course Evaluation Questionnaires

Course-Section: ENME 664 01		Term - Fall 2013		Enrollment: 7
Title: Dynamics				Questionnaires: 4
Instructor: Vonkerczek,Chri				

Questions	NR	NA	Frequencies 1	2	3	4	5	Instructor Mean	Rank	Course Mean	Org Mean	UMBC Mean	Level Mean	Sect Mean
General														
1. Did you gain new insights,skills from this course	0	0	0	1	1	1	1	3.50	1522/1644	3.50	4.28	4.32	4.42	3.50
2. Did the instructor make clear the expected goals	0	0	0	1	0	2	1	3.75	1385/1644	3.75	4.12	4.28	4.32	3.75
3. Did the exam questions reflect the expected goals	0	0	0	1	1	2	0	3.25	1360/1419	3.25	4.22	4.35	4.45	3.25
4. Did other evaluations reflect the expected goals	0	0	1	0	1	2	0	3.00	1540/1596	3.00	4.11	4.24	4.32	3.00
5. Did assigned readings contribute to what you learned	0	0	0	0	2	1	1	3.75	1176/1535	3.75	3.84	4.15	4.25	3.75
6. Did written assignments contribute to what you learned	0	0	0	1	1	1	1	3.50	1261/1510	3.50	4.04	4.13	4.24	3.50
7. Was the grading system clearly explained	0	0	0	0	0	2	2	4.50	527/1620	4.50	4.18	4.20	4.29	4.50
8. How many times was class cancelled	0	0	0	0	0	0	4	5.00	1/1642	5.00	4.80	4.68	4.82	5.00
9. How would you grade the overall teaching effectiveness	0	0	0	1	1	1	1	3.50	1388/1596	3.50	3.94	4.12	4.20	3.50
Lecture														
1. Were the instructor's lectures well prepared	0	0	0	1	2	0	1	3.25	1491/1534	3.25	4.29	4.48	4.52	3.25
2. Did the instructor seem interested in the subject	0	0	0	0	1	0	3	4.50	1298/1539	4.50	4.71	4.76	4.79	4.50
3. Was lecture material presented and explained clearly	0	0	1	1	1	1	0	2.50	1509/1531	2.50	4.00	4.33	4.34	2.50
4. Did the lectures contribute to what you learned	0	0	0	1	1	2	0	3.25	1446/1530	3.25	4.06	4.35	4.38	3.25
5. Did audiovisual techniques enhance your understanding	0	1	0	0	2	1	0	3.33	1243/1409	3.33	3.92	4.08	4.04	3.33
Discussion														
1. Did class discussions contribute to what you learned	2	0	0	0	1	1	0	3.50	1151/1366	3.50	3.81	4.18	4.26	3.50
2. Were all students actively encouraged to participate	2	0	0	1	0	1	0	3.00	1297/1364	3.00	3.59	4.33	4.46	3.00
3. Did the instructor encourage fair and open discussion	2	0	0	0	1	1	0	3.50	1240/1361	3.50	3.67	4.39	4.49	3.50

Student Course Evaluation Questionnaires

Course-Section:	ENME 664 01
Title:	Dynamics
Instructor:	Vonkerczek,Chri

Term - Fall 2013

Enrollment:	7
Questionnaires:	4

Questions	NR	NA	Frequencies					Instructor		Course	Org	UMBC	Level	Sect
			1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
Discussion														
4. Were special techniques successful	2	1	0	0	1	0	0	3.00	961/1019	3.00	3.43	4.09	4.12	3.00

Frequency Distribution

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

Student Course Evaluation Questionnaires

Course-Section: ENME 670 01	Term - Fall 2013	Enrollment: 9
Title: Continuum Mechanics		Questionnaires: 9
Instructor: Banton,Rohan		

Questions	NR	NA	Frequencies					Instructor		Course Mean	Org Mean	UMBC Mean	Level Mean	Sect Mean
			1	2	3	4	5	Mean	Rank					
General														
1. Did you gain new insights,skills from this course	0	0	1	0	2	2	4	3.89	1327/1644	3.89	4.28	4.32	4.42	3.89
2. Did the instructor make clear the expected goals	0	0	1	0	2	3	3	3.78	1375/1644	3.78	4.12	4.28	4.32	3.78
3. Did the exam questions reflect the expected goals	0	1	0	0	1	2	5	4.50	632/1419	4.50	4.22	4.35	4.45	4.50
4. Did other evaluations reflect the expected goals	0	1	1	0	2	4	1	3.50	1429/1596	3.50	4.11	4.24	4.32	3.50
5. Did assigned readings contribute to what you learned	0	2	0	2	1	2	2	3.57	1287/1535	3.57	3.84	4.15	4.25	3.57
6. Did written assignments contribute to what you learned	0	2	0	0	1	4	2	4.14	839/1510	4.14	4.04	4.13	4.24	4.14
7. Was the grading system clearly explained	0	1	0	0	1	1	6	4.63	375/1620	4.63	4.18	4.20	4.29	4.63
8. How many times was class cancelled	0	1	0	0	0	1	7	4.88	694/1642	4.88	4.80	4.68	4.82	4.88
9. How would you grade the overall teaching effectiveness	2	0	0	0	2	2	3	4.14	850/1596	4.14	3.94	4.12	4.20	4.14
Lecture														
1. Were the instructor's lectures well prepared	1	0	1	0	0	0	7	4.50	891/1534	4.50	4.29	4.48	4.52	4.50
2. Did the instructor seem interested in the subject	1	0	1	0	1	1	5	4.13	1469/1539	4.13	4.71	4.76	4.79	4.13
3. Was lecture material presented and explained clearly	2	0	1	0	1	2	3	3.86	1269/1531	3.86	4.00	4.33	4.34	3.86
4. Did the lectures contribute to what you learned	1	1	0	0	1	1	5	4.57	677/1530	4.57	4.06	4.35	4.38	4.57
5. Did audiovisual techniques enhance your understanding	1	5	0	0	1	1	1	4.00	825/1409	4.00	3.92	4.08	4.04	4.00
Discussion														
1. Did class discussions contribute to what you learned	4	0	1	0	2	0	2	3.40	1183/1366	3.40	3.81	4.18	4.26	3.40
2. Were all students actively encouraged to participate	4	0	1	0	1	1	2	3.60	1196/1364	3.60	3.59	4.33	4.46	3.60
3. Did the instructor encourage fair and open discussion	4	0	1	0	1	0	3	3.80	1139/1361	3.80	3.67	4.39	4.49	3.80
4. Were special techniques successful	4	3	0	0	0	1	1	4.50	****/1019	****	3.43	4.09	4.12	****

Student Course Evaluation Questionnaires

Course-Section:	ENME 670 01	Term - Fall 2013		Enrollment:	9
Title:	Continuum Mechanics			Questionnaires:	9
Instructor:	Banton,Rohan				

| Questions | NR | NA | Frequencies | | | | | Instructor | | Course | Org | UMBC | Level | Sect |
			1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
Laboratory														
2. Were you provided with adequate background information	8	0	1	0	0	0	0	1.00	****/209	****	3.92	4.19	4.03	****

Frequency Distribution

Credits Earned		Cum. GPA		Expected Grades		Reasons		Type		Majors	
00-27	1	0.00-0.99	0	A	5	Required for Majors	7	Graduate	3	Major	9
28-55	0	1.00-1.99	0	B	1						
56-83	0	2.00-2.99	0	C	1	General	0	Under-grad	6	Non-major	0
84-150	0	3.00-3.49	1	D	0						
Grad.	3	3.50-4.00	1	F	0	Electives	1				
				P	0						
				I	0	Other	0				
				?	1						

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