

Student Course Evaluation Questionnaires

Course-Section:	PHYS 106 01
Title:	Intro Astrobiology
Instructor:	Henriksen,Mark

Term - Spring 2011

Enrollment:	34
Questionnaires:	22

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	3	5	13	4.36	783/1449	4.36	4.26	4.33	4.14	4.36
2. Did the instructor make clear the expected goals	0	0	1	0	5	5	11	4.14	979/1446	4.14	4.04	4.29	4.20	4.14
3. Did the exam questions reflect the expected goals	0	0	0	3	4	4	11	4.05	919/1256	4.05	4.16	4.34	4.21	4.05
4. Did other evaluations reflect the expected goals	1	7	1	0	5	2	6	3.86	1121/1402	3.86	4.13	4.27	4.10	3.86
5. Did assigned readings contribute to what you learned	0	0	0	2	5	2	13	4.18	698/1358	4.18	4.05	4.13	4.04	4.18
6. Did written assignments contribute to what you learned	0	11	0	0	2	1	8	4.55	366/1327	4.55	4.19	4.16	3.92	4.55
7. Was the grading system clearly explained	0	0	2	1	5	1	13	4.00	970/1435	4.00	4.23	4.20	4.11	4.00
8. How many times was class cancelled	1	1	0	0	0	2	18	4.90	526/1446	4.90	4.70	4.67	4.57	4.90
9. How would you grade the overall teaching effectiveness	0	0	0	0	3	9	10	4.32	573/1437	4.32	3.96	4.12	4.04	4.32
Lecture														
1. Were the instructor's lectures well prepared	1	0	0	0	3	3	15	4.57	735/1386	4.57	4.27	4.48	4.40	4.57
2. Did the instructor seem interested in the subject	0	0	0	0	0	1	21	4.95	266/1390	4.95	4.71	4.74	4.67	4.95
3. Was lecture material presented and explained clearly	0	0	0	1	2	7	12	4.36	805/1379	4.36	4.07	4.34	4.28	4.36
4. Did the lectures contribute to what you learned	0	0	0	1	2	5	14	4.45	737/1379	4.45	4.10	4.36	4.26	4.45
5. Did audiovisual techniques enhance your understanding	3	0	4	1	3	5	6	3.42	1044/1236	3.42	4.09	4.08	3.93	3.42
Discussion														
1. Did class discussions contribute to what you learned	12	0	0	0	2	2	6	4.40	484/1121	4.40	4.06	4.18	3.89	4.40
2. Were all students actively encouraged to participate	12	0	0	0	2	4	4	4.20	776/1122	4.20	4.16	4.36	4.09	4.20
3. Did the instructor encourage fair and open discussion	12	0	0	0	2	4	4	4.20	793/1121	4.20	4.29	4.40	4.08	4.20
4. Were special techniques successful	13	3	1	1	1	1	2	3.33	681/790	3.33	4.35	4.06	3.89	3.33

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Course-Section:	PHYS 106 01
Title:	Intro Astrobiology
Instructor:	Henriksen,Mark

Term - Spring 2011

Enrollment:	34
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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	21	0	0	0	0	0	1	5.00	****/200	****	3.53	4.28	4.19	****
2. Were you provided with adequate background information	21	0	0	0	0	0	1	5.00	****/205	****	3.73	4.29	4.37	****
3. Were necessary materials available for lab activities	21	0	0	0	0	0	1	5.00	****/201	****	4.36	4.51	4.57	****
4. Did the lab instructor provide assistance	21	0	0	0	0	0	1	5.00	****/202	****	4.06	4.42	4.55	****
5. Were requirements for lab reports clearly specified	21	0	0	0	0	0	1	5.00	****/196	****	3.92	4.25	4.42	****
Seminar														
1. Were assigned topics relevant to the announced theme	21	0	0	0	0	0	1	5.00	****/67	****	5.00	4.58	4.48	****
2. Was the instructor available for individual attention	21	0	0	0	0	0	1	5.00	****/66	****	****	4.36	4.35	****
3. Did research projects contribute to what you learned	21	0	0	0	0	0	1	5.00	****/64	****	****	4.25	4.01	****
4. Did presentations contribute to what you learned	21	0	0	0	0	0	1	5.00	****/75	****	4.25	4.32	3.95	****
5. Were criteria for grading made clear	21	0	0	0	0	0	1	5.00	****/73	****	****	4.00	3.44	****
Field Work														
1. Did field experience contribute to what you learned	21	0	0	0	0	0	1	5.00	****/34	****	****	4.33	2.63	****
2. Did you clearly understand your evaluation criteria	21	0	0	0	0	0	1	5.00	****/35	****	****	4.15	5.00	****
3. Was the instructor available for consultation	21	0	0	0	0	0	1	5.00	****/30	****	****	4.09	5.00	****
4. To what degree could you discuss your evaluations	21	0	0	0	0	0	1	5.00	****/30	****	****	4.04	4.75	****
5. Did conferences help you carry out field activities	21	0	0	0	0	0	1	5.00	****/27	****	****	4.13	****	****
Self Paced														
1. Did self-paced system contribute to what you learned	21	0	0	0	0	0	1	5.00	****/31	****	****	4.34	4.82	****
2. Did study questions make clear the expected goal	21	0	0	0	0	0	1	5.00	****/18	****	****	4.13	4.88	****
3. Were your contacts with the instructor helpful	21	0	0	0	0	0	1	5.00	****/24	****	****	4.34	4.64	****

Student Course Evaluation Questionnaires

Course-Section:	PHYS 106 01
Title:	Intro Astrobiology
Instructor:	Henriksen,Mark

Term - Spring 2011

Enrollment:	34
Questionnaires:	22

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	21	0	0	0	0	0	1	5.00	****/15	****	****	4.18	4.50	****
5. Were there enough proctors for all the students	21	0	0	0	0	0	1	5.00	****/13	****	****	4.07	4.63	****

Frequency Distribution

Credits Earned	Cum. GPA	Expected Grades	Reasons	Type	Majors
00-27	3	0.00-0.99	1 A 3	Required for Majors	0 Graduate 0 Major 2
28-55	0	1.00-1.99	2 B 5		
56-83	1	2.00-2.99	1 C 8	General	6 Under-grad 22 Non-major 20
84-150	1	3.00-3.49	0 D 0		
Grad.	0	3.50-4.00	1 F 1	Electives	6
			P 0		
			I 0	Other	2
			? 3		

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

Student Course Evaluation Questionnaires

Course-Section:	PHYS 111 01
Title:	Basic Physics I
Instructor:	Jacobson,John F

Term - Spring 2011

Enrollment:	155
Questionnaires:	52

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	9	17	15	9	3.38	1380/1449	3.38	4.26	4.33	4.14	3.38
2. Did the instructor make clear the expected goals	0	0	1	6	23	14	8	3.42	1352/1446	3.42	4.04	4.29	4.20	3.42
3. Did the exam questions reflect the expected goals	2	0	3	5	14	17	11	3.56	1153/1256	3.56	4.16	4.34	4.21	3.56
4. Did other evaluations reflect the expected goals	1	16	2	8	12	9	4	3.14	1347/1402	3.14	4.13	4.27	4.10	3.14
5. Did assigned readings contribute to what you learned	2	12	1	0	11	15	11	3.92	916/1358	3.92	4.05	4.13	4.04	3.92
6. Did written assignments contribute to what you learned	2	24	0	2	8	9	7	3.81	992/1327	3.81	4.19	4.16	3.92	3.81
7. Was the grading system clearly explained	2	0	2	7	6	16	19	3.86	1093/1435	3.86	4.23	4.20	4.11	3.86
8. How many times was class cancelled	2	0	0	1	0	1	48	4.92	421/1446	4.92	4.70	4.67	4.57	4.92
9. How would you grade the overall teaching effectiveness	16	1	3	8	16	7	1	2.86	1393/1437	2.86	3.96	4.12	4.04	2.86
Lecture														
1. Were the instructor's lectures well prepared	3	0	2	8	9	16	14	3.65	1298/1386	3.65	4.27	4.48	4.40	3.65
2. Did the instructor seem interested in the subject	3	0	0	0	2	14	33	4.63	1036/1390	4.63	4.71	4.74	4.67	4.63
3. Was lecture material presented and explained clearly	3	0	3	7	17	12	10	3.39	1297/1379	3.39	4.07	4.34	4.28	3.39
4. Did the lectures contribute to what you learned	3	0	3	7	10	16	13	3.59	1233/1379	3.59	4.10	4.36	4.26	3.59
5. Did audiovisual techniques enhance your understanding	4	9	3	1	12	11	12	3.72	932/1236	3.72	4.09	4.08	3.93	3.72
Discussion														
1. Did class discussions contribute to what you learned	34	0	3	1	7	2	5	3.28	1008/1121	3.28	4.06	4.18	3.89	3.28
2. Were all students actively encouraged to participate	34	0	2	0	4	7	5	3.72	964/1122	3.72	4.16	4.36	4.09	3.72
3. Did the instructor encourage fair and open discussion	35	0	0	1	3	7	6	4.06	844/1121	4.06	4.29	4.40	4.08	4.06
4. Were special techniques successful	35	12	0	1	0	2	2	4.00	****/790	****	4.35	4.06	3.89	****

Student Course Evaluation Questionnaires

Course-Section:	PHYS 111 01
Title:	Basic Physics I
Instructor:	Jacobson,John F

Term - Spring 2011

Enrollment:	155
Questionnaires:	52

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	21	0	13	3	8	6	1	2.32	199/200	2.32	3.53	4.28	4.19	2.32
2. Were you provided with adequate background information	21	0	2	5	7	9	8	3.52	182/205	3.52	3.73	4.29	4.37	3.52
3. Were necessary materials available for lab activities	22	3	0	2	3	5	17	4.37	145/201	4.37	4.36	4.51	4.57	4.37
4. Did the lab instructor provide assistance	22	0	2	2	2	3	21	4.30	151/202	4.30	4.06	4.42	4.55	4.30
5. Were requirements for lab reports clearly specified	23	5	4	0	2	5	13	3.96	152/196	3.96	3.92	4.25	4.42	3.96
Seminar														
1. Were assigned topics relevant to the announced theme	50	1	0	0	1	0	0	3.00	****/67	****	5.00	4.58	4.48	****
2. Was the instructor available for individual attention	50	1	0	0	0	0	1	5.00	****/66	****	****	4.36	4.35	****
3. Did research projects contribute to what you learned	50	1	0	1	0	0	0	2.00	****/64	****	****	4.25	4.01	****
4. Did presentations contribute to what you learned	51	0	0	0	1	0	0	3.00	****/75	****	4.25	4.32	3.95	****
5. Were criteria for grading made clear	51	0	0	0	0	0	1	5.00	****/73	****	****	4.00	3.44	****
Field Work														
1. Did field experience contribute to what you learned	51	0	0	1	0	0	0	2.00	****/34	****	****	4.33	2.63	****
2. Did you clearly understand your evaluation criteria	51	0	0	0	1	0	0	3.00	****/35	****	****	4.15	5.00	****
3. Was the instructor available for consultation	51	0	0	0	0	0	1	5.00	****/30	****	****	4.09	5.00	****
Self Paced														
1. Did self-paced system contribute to what you learned	51	0	0	0	1	0	0	3.00	****/31	****	****	4.34	4.82	****
2. Did study questions make clear the expected goal	51	0	0	0	1	0	0	3.00	****/18	****	****	4.13	4.88	****
3. Were your contacts with the instructor helpful	51	0	0	0	1	0	0	3.00	****/24	****	****	4.34	4.64	****
4. Was the feedback/tutoring by proctors helpful	51	0	0	0	1	0	0	3.00	****/15	****	****	4.18	4.50	****
5. Were there enough proctors for all the students	51	0	0	0	0	0	1	5.00	****/13	****	****	4.07	4.63	****

Student Course Evaluation Questionnaires

Course-Section:	PHYS 111 01
Title:	Basic Physics I
Instructor:	Jacobson,John F

Term - Spring 2011

Enrollment:	155
Questionnaires:	52

Questions	NR	NA	Frequencies					Instructor		Course	Org	UMBC	Level	Sect
			1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
Self Paced														

Frequency Distribution

Credits Earned		Cum. GPA		Expected Grades		Reasons		Type		Majors	
00-27	5	0.00-0.99	0	A	21	Required for Majors	38	Graduate	0	Major	0
28-55	7	1.00-1.99	0	B	14						
56-83	12	2.00-2.99	4	C	10	General	7	Under-grad	52	Non-major	52
84-150	7	3.00-3.49	11	D	0						
Grad.	0	3.50-4.00	15	F	0	Electives	0	**** - Means there are not enough responses to be significant			
				P	0						
				I	0	Other	0				
				?	5						

Student Course Evaluation Questionnaires

Course-Section:	PHYS 112 01
Title:	Basic Physics II
Instructor:	Jacobson,John F

Term - Spring 2011

Enrollment:	159
Questionnaires:	76

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	4	0	11	10	24	15	12	3.10	1413/1449	3.10	4.26	4.33	4.14	3.10
2. Did the instructor make clear the expected goals	5	0	8	15	22	16	10	3.07	1408/1446	3.07	4.04	4.29	4.20	3.07
3. Did the exam questions reflect the expected goals	5	0	7	13	25	12	14	3.18	1225/1256	3.18	4.16	4.34	4.21	3.18
4. Did other evaluations reflect the expected goals	7	17	8	10	13	14	7	3.04	1360/1402	3.04	4.13	4.27	4.10	3.04
5. Did assigned readings contribute to what you learned	5	2	3	9	12	21	24	3.78	1028/1358	3.78	4.05	4.13	4.04	3.78
6. Did written assignments contribute to what you learned	5	15	8	9	15	12	12	3.20	1234/1327	3.20	4.19	4.16	3.92	3.20
7. Was the grading system clearly explained	5	0	5	8	16	14	28	3.73	1173/1435	3.73	4.23	4.20	4.11	3.73
8. How many times was class cancelled	5	1	0	0	0	0	70	5.00	1/1446	5.00	4.70	4.67	4.57	5.00
9. How would you grade the overall teaching effectiveness	23	2	11	14	14	9	3	2.59	1413/1437	2.59	3.96	4.12	4.04	2.59
Lecture														
1. Were the instructor's lectures well prepared	8	0	7	12	18	20	11	3.24	1353/1386	3.24	4.27	4.48	4.40	3.24
2. Did the instructor seem interested in the subject	9	0	1	0	10	16	40	4.40	1223/1390	4.40	4.71	4.74	4.67	4.40
3. Was lecture material presented and explained clearly	9	0	17	11	21	13	5	2.67	1363/1379	2.67	4.07	4.34	4.28	2.67
4. Did the lectures contribute to what you learned	8	0	23	12	12	12	9	2.59	1366/1379	2.59	4.10	4.36	4.26	2.59
5. Did audiovisual techniques enhance your understanding	9	6	15	11	14	11	10	2.84	1176/1236	2.84	4.09	4.08	3.93	2.84
Discussion														
1. Did class discussions contribute to what you learned	57	0	7	3	1	6	2	2.63	1092/1121	2.63	4.06	4.18	3.89	2.63
2. Were all students actively encouraged to participate	59	0	3	2	4	6	2	3.12	****/1122	****	4.16	4.36	4.09	****
3. Did the instructor encourage fair and open discussion	59	0	2	2	3	6	4	3.47	****/1121	****	4.29	4.40	4.08	****
4. Were special techniques successful	59	8	3	0	0	1	5	3.56	****/790	****	4.35	4.06	3.89	****

Student Course Evaluation Questionnaires

Course-Section:	PHYS 112 01
Title:	Basic Physics II
Instructor:	Jacobson,John F

Term - Spring 2011

Enrollment:	159
Questionnaires:	76

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	30	0	8	6	11	12	9	3.17	193/200	3.17	3.53	4.28	4.19	3.17
2. Were you provided with adequate background information	30	0	2	4	7	15	18	3.93	170/205	3.93	3.73	4.29	4.37	3.93
3. Were necessary materials available for lab activities	30	0	3	2	7	15	19	3.98	184/201	3.98	4.36	4.51	4.57	3.98
4. Did the lab instructor provide assistance	30	0	2	1	0	8	35	4.59	87/202	4.59	4.06	4.42	4.55	4.59
5. Were requirements for lab reports clearly specified	30	15	1	0	2	8	20	4.48	74/196	4.48	3.92	4.25	4.42	4.48
Seminar														
1. Were assigned topics relevant to the announced theme	73	1	0	0	0	1	1	4.50	****/67	****	5.00	4.58	4.48	****
2. Was the instructor available for individual attention	73	1	0	0	0	0	2	5.00	****/66	****	****	4.36	4.35	****
3. Did research projects contribute to what you learned	73	1	0	0	0	0	2	5.00	****/64	****	****	4.25	4.01	****
4. Did presentations contribute to what you learned	73	1	0	0	0	0	2	5.00	****/75	****	4.25	4.32	3.95	****
5. Were criteria for grading made clear	73	0	0	0	0	0	3	5.00	****/73	****	****	4.00	3.44	****
Field Work														
1. Did field experience contribute to what you learned	73	0	1	0	0	0	2	3.67	****/34	****	****	4.33	2.63	****
2. Did you clearly understand your evaluation criteria	73	0	1	0	0	0	2	3.67	****/35	****	****	4.15	5.00	****
3. Was the instructor available for consultation	73	0	1	0	0	0	2	3.67	****/30	****	****	4.09	5.00	****
4. To what degree could you discuss your evaluations	73	0	1	0	0	0	2	3.67	****/30	****	****	4.04	4.75	****
5. Did conferences help you carry out field activities	73	0	1	0	0	0	2	3.67	****/27	****	****	4.13	****	****
Self Paced														
1. Did self-paced system contribute to what you learned	75	0	0	0	0	0	1	5.00	****/31	****	****	4.34	4.82	****
2. Did study questions make clear the expected goal	75	0	0	0	0	0	1	5.00	****/18	****	****	4.13	4.88	****
3. Were your contacts with the instructor helpful	75	0	0	0	0	0	1	5.00	****/24	****	****	4.34	4.64	****

Student Course Evaluation Questionnaires

Course-Section:	PHYS 112 01
Title:	Basic Physics II
Instructor:	Jacobson,John F

Term - Spring 2011

Enrollment:	159
Questionnaires:	76

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	75	0	0	0	0	0	1	5.00	****/15	****	****	4.18	4.50	****
5. Were there enough proctors for all the students	75	0	0	0	0	0	1	5.00	****/13	****	****	4.07	4.63	****

Frequency Distribution

Credits Earned	Cum. GPA	Expected Grades	Reasons	Type	Majors
00-27	2	0.00-0.99	1 A 23	Required for Majors	59 Graduate 1 Major 0
28-55	4	1.00-1.99	0 B 32		
56-83	6	2.00-2.99	9 C 10	General	3 Under-grad 75 Non-major 76
84-150	25	3.00-3.49	14 D 0		
Grad.	1	3.50-4.00	19 F 0	Electives	0
			P 0		
			I 0	Other	2
			? 10		

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

Student Course Evaluation Questionnaires

Course-Section:	PHYS 121 01
Title:	Introductory Physics I
Instructor:	Cui,Lili

Term - Spring 2011

Enrollment:	250
Questionnaires:	102

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	4	6	22	24	45	3.99	1114/1449	3.99	4.26	4.33	4.14	3.99
2. Did the instructor make clear the expected goals	2	0	3	6	15	30	46	4.10	1006/1446	4.10	4.04	4.29	4.20	4.10
3. Did the exam questions reflect the expected goals	2	0	1	1	14	22	62	4.43	606/1256	4.43	4.16	4.34	4.21	4.43
4. Did other evaluations reflect the expected goals	4	32	2	1	16	11	36	4.18	878/1402	4.18	4.13	4.27	4.10	4.18
5. Did assigned readings contribute to what you learned	6	21	5	7	17	17	29	3.77	1033/1358	3.77	4.05	4.13	4.04	3.77
6. Did written assignments contribute to what you learned	6	45	4	5	8	8	26	3.92	915/1327	3.92	4.19	4.16	3.92	3.92
7. Was the grading system clearly explained	4	0	0	1	4	16	77	4.72	247/1435	4.72	4.23	4.20	4.11	4.72
8. How many times was class cancelled	3	0	0	0	1	6	92	4.92	473/1446	4.92	4.70	4.67	4.57	4.92
9. How would you grade the overall teaching effectiveness	18	1	1	6	19	40	17	3.80	1089/1437	3.80	3.96	4.12	4.04	3.80
Lecture														
1. Were the instructor's lectures well prepared	5	0	1	1	6	16	73	4.64	660/1386	4.64	4.27	4.48	4.40	4.64
2. Did the instructor seem interested in the subject	4	0	0	1	5	9	83	4.78	838/1390	4.78	4.71	4.74	4.67	4.78
3. Was lecture material presented and explained clearly	6	0	4	6	12	28	46	4.10	1018/1379	4.10	4.07	4.34	4.28	4.10
4. Did the lectures contribute to what you learned	7	0	8	3	15	19	50	4.05	1032/1379	4.05	4.10	4.36	4.26	4.05
5. Did audiovisual techniques enhance your understanding	12	1	5	3	10	18	53	4.25	561/1236	4.25	4.09	4.08	3.93	4.25
Discussion														
1. Did class discussions contribute to what you learned	60	0	0	3	2	13	24	4.38	502/1121	4.38	4.06	4.18	3.89	4.38
2. Were all students actively encouraged to participate	60	0	3	4	6	9	20	3.93	909/1122	3.93	4.16	4.36	4.09	3.93
3. Did the instructor encourage fair and open discussion	60	0	4	1	4	11	22	4.10	836/1121	4.10	4.29	4.40	4.08	4.10
4. Were special techniques successful	60	9	2	2	5	9	15	4.00	425/790	4.00	4.35	4.06	3.89	4.00

Student Course Evaluation Questionnaires

Course-Section:	PHYS 121 01
Title:	Introductory Physics I
Instructor:	Cui,Lili

Term - Spring 2011

Enrollment:	250
Questionnaires:	102

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	100	0	0	0	1	0	1	4.00	****/200	****	3.53	4.28	4.19	****
2. Were you provided with adequate background information	100	0	0	0	1	0	1	4.00	****/205	****	3.73	4.29	4.37	****
3. Were necessary materials available for lab activities	100	0	0	1	0	0	1	3.50	****/201	****	4.36	4.51	4.57	****
4. Did the lab instructor provide assistance	100	0	0	1	0	0	1	3.50	****/202	****	4.06	4.42	4.55	****
5. Were requirements for lab reports clearly specified	101	0	0	1	0	0	0	2.00	****/196	****	3.92	4.25	4.42	****
Seminar														
1. Were assigned topics relevant to the announced theme	101	0	0	0	1	0	0	3.00	****/67	****	5.00	4.58	4.48	****
2. Was the instructor available for individual attention	101	0	0	0	1	0	0	3.00	****/66	****	****	4.36	4.35	****
3. Did research projects contribute to what you learned	101	0	0	0	1	0	0	3.00	****/64	****	****	4.25	4.01	****
4. Did presentations contribute to what you learned	101	0	0	0	1	0	0	3.00	****/75	****	4.25	4.32	3.95	****
5. Were criteria for grading made clear	101	0	0	0	0	1	0	4.00	****/73	****	****	4.00	3.44	****
Field Work														
1. Did field experience contribute to what you learned	101	0	0	0	1	0	0	3.00	****/34	****	****	4.33	2.63	****
2. Did you clearly understand your evaluation criteria	101	0	0	0	0	1	0	4.00	****/35	****	****	4.15	5.00	****
3. Was the instructor available for consultation	101	0	0	1	0	0	0	2.00	****/30	****	****	4.09	5.00	****
4. To what degree could you discuss your evaluations	101	0	0	1	0	0	0	2.00	****/30	****	****	4.04	4.75	****
5. Did conferences help you carry out field activities	101	0	0	0	0	1	0	4.00	****/27	****	****	4.13	****	****
Self Paced														
1. Did self-paced system contribute to what you learned	101	0	0	0	0	0	1	5.00	****/31	****	****	4.34	4.82	****
2. Did study questions make clear the expected goal	101	0	0	0	0	0	1	5.00	****/18	****	****	4.13	4.88	****
3. Were your contacts with the instructor helpful	101	0	0	0	0	0	1	5.00	****/24	****	****	4.34	4.64	****

Student Course Evaluation Questionnaires

Course-Section:	PHYS 121 01
Title:	Introductory Physics I
Instructor:	Cui,Lili

Term - Spring 2011

Enrollment:	250
Questionnaires:	102

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	101	0	0	0	0	0	1	5.00	****/15	****	****	4.18	4.50	****
5. Were there enough proctors for all the students	101	0	0	0	0	0	1	5.00	****/13	****	****	4.07	4.63	****

Frequency Distribution

Credits Earned	Cum. GPA	Expected Grades	Reasons	Type	Majors
00-27	22	0.00-0.99 0	A 35	Required for Majors 73	Graduate 0
28-55	18	1.00-1.99 1	B 30		Major 0
56-83	8	2.00-2.99 15	C 16	General 7	Under-grad 102
84-150	7	3.00-3.49 12	D 1		Non-major 102
Grad.	0	3.50-4.00 23	F 0	Electives 0	
			P 0		
			I 0	Other 2	
			? 17		

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

Student Course Evaluation Questionnaires

Course-Section:	PHYS 121H 01
Title:	Intro Physics I-Honors
Instructor:	Cui,Lili

Term - Spring 2011

Enrollment:	13
Questionnaires:	11

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	3	8	4.73	299/1449	4.73	4.26	4.33	4.14	4.73
2. Did the instructor make clear the expected goals	0	0	0	0	2	1	8	4.55	518/1446	4.55	4.04	4.29	4.20	4.55
3. Did the exam questions reflect the expected goals	0	0	0	0	0	2	9	4.82	206/1256	4.82	4.16	4.34	4.21	4.82
4. Did other evaluations reflect the expected goals	0	2	0	0	0	3	6	4.67	339/1402	4.67	4.13	4.27	4.10	4.67
5. Did assigned readings contribute to what you learned	0	0	0	0	0	4	7	4.64	258/1358	4.64	4.05	4.13	4.04	4.64
6. Did written assignments contribute to what you learned	0	5	0	0	1	0	5	4.67	253/1327	4.67	4.19	4.16	3.92	4.67
7. Was the grading system clearly explained	0	0	0	0	0	1	10	4.91	84/1435	4.91	4.23	4.20	4.11	4.91
8. How many times was class cancelled	0	0	0	0	0	3	8	4.73	824/1446	4.73	4.70	4.67	4.57	4.73
9. How would you grade the overall teaching effectiveness	3	0	0	0	2	2	4	4.25	638/1437	4.25	3.96	4.12	4.04	4.25
Lecture														
1. Were the instructor's lectures well prepared	0	0	0	0	1	1	9	4.73	516/1386	4.73	4.27	4.48	4.40	4.73
2. Did the instructor seem interested in the subject	0	0	0	0	0	2	9	4.82	761/1390	4.82	4.71	4.74	4.67	4.82
3. Was lecture material presented and explained clearly	0	0	0	1	0	4	6	4.36	805/1379	4.36	4.07	4.34	4.28	4.36
4. Did the lectures contribute to what you learned	0	0	0	1	0	1	9	4.64	543/1379	4.64	4.10	4.36	4.26	4.64
5. Did audiovisual techniques enhance your understanding	0	0	0	0	0	2	9	4.82	122/1236	4.82	4.09	4.08	3.93	4.82
Discussion														
1. Did class discussions contribute to what you learned	1	0	0	0	0	2	8	4.80	165/1121	4.80	4.06	4.18	3.89	4.80
2. Were all students actively encouraged to participate	1	0	0	0	0	3	7	4.70	370/1122	4.70	4.16	4.36	4.09	4.70
3. Did the instructor encourage fair and open discussion	1	0	0	1	1	2	6	4.30	748/1121	4.30	4.29	4.40	4.08	4.30
4. Were special techniques successful	1	1	0	0	0	0	9	5.00	1/790	5.00	4.35	4.06	3.89	5.00

Student Course Evaluation Questionnaires

Course-Section:	PHYS 121H 01
Title:	Intro Physics I-Honors
Instructor:	Cui,Lili

Term - Spring 2011

Enrollment:	13
Questionnaires:	11

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	10	0	0	0	0	0	1	5.00	****/200	****	3.53	4.28	4.19	****
2. Were you provided with adequate background information	10	0	0	0	0	0	1	5.00	****/205	****	3.73	4.29	4.37	****
3. Were necessary materials available for lab activities	10	0	0	0	0	0	1	5.00	****/201	****	4.36	4.51	4.57	****
4. Did the lab instructor provide assistance	10	0	0	0	0	0	1	5.00	****/202	****	4.06	4.42	4.55	****
5. Were requirements for lab reports clearly specified	10	0	0	0	0	0	1	5.00	****/196	****	3.92	4.25	4.42	****

Frequency Distribution

Credits Earned	Cum. GPA	Expected Grades	Reasons	Type	Majors						
00-27	1	0.00-0.99	0	A	7	Required for Majors	7	Graduate	0	Major	3
28-55	4	1.00-1.99	0	B	1						
56-83	2	2.00-2.99	1	C	2	General	1	Under-grad	11	Non-major	8
84-150	0	3.00-3.49	0	D	0						
Grad.	0	3.50-4.00	4	F	0	Electives	0	**** - Means there are not enough responses to be significant			
				P	0						
				I	0	Other	0				
				?	1						

Student Course Evaluation Questionnaires

Course-Section:	PHYS 122 01
Title:	Introductory Physics II
Instructor:	Anderson, Eric C

Term - Spring 2011

Enrollment:	199
Questionnaires:	80

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	4	21	54	4.60	460/1449	4.60	4.26	4.33	4.14	4.60
2. Did the instructor make clear the expected goals	0	0	0	0	4	22	54	4.63	411/1446	4.63	4.04	4.29	4.20	4.63
3. Did the exam questions reflect the expected goals	0	0	0	0	5	16	59	4.68	356/1256	4.68	4.16	4.34	4.21	4.68
4. Did other evaluations reflect the expected goals	0	36	0	1	3	13	27	4.50	528/1402	4.50	4.13	4.27	4.10	4.50
5. Did assigned readings contribute to what you learned	1	18	1	2	9	17	32	4.26	618/1358	4.26	4.05	4.13	4.04	4.26
6. Did written assignments contribute to what you learned	1	40	0	3	3	13	20	4.28	637/1327	4.28	4.19	4.16	3.92	4.28
7. Was the grading system clearly explained	1	0	0	1	3	13	62	4.72	247/1435	4.72	4.23	4.20	4.11	4.72
8. How many times was class cancelled	1	2	0	0	0	1	76	4.99	106/1446	4.99	4.70	4.67	4.57	4.99
9. How would you grade the overall teaching effectiveness	12	0	0	0	4	28	36	4.47	395/1437	4.47	3.96	4.12	4.04	4.47
Lecture														
1. Were the instructor's lectures well prepared	3	0	0	1	0	10	66	4.83	320/1386	4.83	4.27	4.48	4.40	4.83
2. Did the instructor seem interested in the subject	4	0	0	0	0	3	73	4.96	213/1390	4.96	4.71	4.74	4.67	4.96
3. Was lecture material presented and explained clearly	3	0	0	1	2	17	57	4.69	410/1379	4.69	4.07	4.34	4.28	4.69
4. Did the lectures contribute to what you learned	3	0	0	3	4	11	59	4.64	543/1379	4.64	4.10	4.36	4.26	4.64
5. Did audiovisual techniques enhance your understanding	5	3	2	1	7	26	36	4.29	523/1236	4.29	4.09	4.08	3.93	4.29
Discussion														
1. Did class discussions contribute to what you learned	17	0	2	3	8	16	34	4.22	624/1121	4.22	4.06	4.18	3.89	4.22
2. Were all students actively encouraged to participate	17	0	1	3	7	11	41	4.40	639/1122	4.40	4.16	4.36	4.09	4.40
3. Did the instructor encourage fair and open discussion	20	0	2	1	10	11	36	4.30	748/1121	4.30	4.29	4.40	4.08	4.30
4. Were special techniques successful	18	11	1	2	8	11	29	4.27	317/790	4.27	4.35	4.06	3.89	4.27

Student Course Evaluation Questionnaires

Course-Section:	PHYS 122 01
Title:	Introductory Physics II
Instructor:	Anderson, Eric C

Term - Spring 2011

Enrollment:	199
Questionnaires:	80

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	78	0	1	0	0	0	1	3.00	****/200	****	3.53	4.28	4.19	****
2. Were you provided with adequate background information	78	0	0	1	0	0	1	3.50	****/205	****	3.73	4.29	4.37	****
3. Were necessary materials available for lab activities	78	0	0	0	1	0	1	4.00	****/201	****	4.36	4.51	4.57	****
4. Did the lab instructor provide assistance	78	0	0	0	1	0	1	4.00	****/202	****	4.06	4.42	4.55	****
5. Were requirements for lab reports clearly specified	78	0	0	0	1	0	1	4.00	****/196	****	3.92	4.25	4.42	****
Seminar														
1. Were assigned topics relevant to the announced theme	78	1	0	0	0	1	0	4.00	****/67	****	5.00	4.58	4.48	****
2. Was the instructor available for individual attention	78	1	0	0	0	1	0	4.00	****/66	****	****	4.36	4.35	****
3. Did research projects contribute to what you learned	78	1	0	0	1	0	0	3.00	****/64	****	****	4.25	4.01	****
4. Did presentations contribute to what you learned	78	1	0	0	1	0	0	3.00	****/75	****	4.25	4.32	3.95	****
5. Were criteria for grading made clear	78	1	0	0	1	0	0	3.00	****/73	****	****	4.00	3.44	****
Field Work														
1. Did field experience contribute to what you learned	79	0	0	0	0	0	1	5.00	****/34	****	****	4.33	2.63	****
2. Did you clearly understand your evaluation criteria	79	0	0	0	0	0	1	5.00	****/35	****	****	4.15	5.00	****
3. Was the instructor available for consultation	79	0	0	0	0	0	1	5.00	****/30	****	****	4.09	5.00	****
4. To what degree could you discuss your evaluations	79	0	0	0	1	0	0	3.00	****/30	****	****	4.04	4.75	****
5. Did conferences help you carry out field activities	79	0	1	0	0	0	0	1.00	****/27	****	****	4.13	****	****
Self Paced														
1. Did self-paced system contribute to what you learned	78	0	0	0	0	2	0	4.00	****/31	****	****	4.34	4.82	****
2. Did study questions make clear the expected goal	78	0	0	0	0	2	0	4.00	****/18	****	****	4.13	4.88	****
3. Were your contacts with the instructor helpful	78	0	0	0	1	1	0	3.50	****/24	****	****	4.34	4.64	****

Student Course Evaluation Questionnaires

Course-Section:	PHYS 122 01
Title:	Introductory Physics II
Instructor:	Anderson, Eric C

Term - Spring 2011

Enrollment:	199
Questionnaires:	80

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	78	0	0	0	0	1	1	4.50	****/15	****	****	4.18	4.50	****
5. Were there enough proctors for all the students	78	0	0	0	1	0	1	4.00	****/13	****	****	4.07	4.63	****

Frequency Distribution

Credits Earned	Cum. GPA	Expected Grades	Reasons	Type	Majors
00-27	0	0.00-0.99	1 A 24	Required for Majors	71 Graduate 0 Major 2
28-55	14	1.00-1.99	1 B 34	General	3 Under-grad 80 Non-major 78
56-83	17	2.00-2.99	5 C 17		
84-150	7	3.00-3.49	17 D 1	Electives	0 **** - Means there are not enough responses to be significant
Grad.	0	3.50-4.00	23 F 0		
			P 0		
			I 0		
			? 4	Other	1

Student Course Evaluation Questionnaires

Course-Section:	PHYS 122L 01
Title:	Introductory Physics Lab
Instructor:	Asaro,Catherine

Term - Spring 2011

Enrollment:	39
Questionnaires:	33

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	1	5	13	12	3.97	1138/1449	3.97	4.26	4.33	4.14	3.97
2. Did the instructor make clear the expected goals	0	0	0	3	2	9	19	4.33	776/1446	4.33	4.04	4.29	4.20	4.33
3. Did the exam questions reflect the expected goals	0	5	0	0	7	11	10	4.11	895/1256	4.11	4.16	4.34	4.21	4.11
4. Did other evaluations reflect the expected goals	1	0	0	3	6	9	14	4.06	983/1402	4.06	4.13	4.27	4.10	4.06
5. Did assigned readings contribute to what you learned	1	9	2	1	6	7	7	3.70	1076/1358	3.70	4.05	4.13	4.04	3.70
6. Did written assignments contribute to what you learned	1	0	1	0	5	6	20	4.38	553/1327	4.38	4.19	4.16	3.92	4.38
7. Was the grading system clearly explained	1	0	0	4	3	11	14	4.09	923/1435	4.09	4.23	4.20	4.11	4.09
8. How many times was class cancelled	1	0	0	0	0	1	31	4.97	211/1446	4.97	4.70	4.67	4.57	4.97
9. How would you grade the overall teaching effectiveness	3	2	0	1	6	13	8	4.00	868/1437	4.00	3.96	4.12	4.04	4.00
Lecture														
1. Were the instructor's lectures well prepared	3	0	0	1	5	5	19	4.40	929/1386	4.40	4.27	4.48	4.40	4.40
2. Did the instructor seem interested in the subject	3	0	0	0	2	5	23	4.70	958/1390	4.70	4.71	4.74	4.67	4.70
3. Was lecture material presented and explained clearly	4	0	0	0	3	10	16	4.45	716/1379	4.45	4.07	4.34	4.28	4.45
4. Did the lectures contribute to what you learned	3	1	1	0	5	10	13	4.17	963/1379	4.17	4.10	4.36	4.26	4.17
5. Did audiovisual techniques enhance your understanding	4	11	1	1	5	6	5	3.72	926/1236	3.72	4.09	4.08	3.93	3.72
Discussion														
1. Did class discussions contribute to what you learned	26	0	1	0	0	2	4	4.14	****/1121	****	4.06	4.18	3.89	****
2. Were all students actively encouraged to participate	26	0	0	0	1	2	4	4.43	****/1122	****	4.16	4.36	4.09	****
3. Did the instructor encourage fair and open discussion	27	0	0	0	2	1	3	4.17	****/1121	****	4.29	4.40	4.08	****
4. Were special techniques successful	26	3	0	0	1	1	2	4.25	****/790	****	4.35	4.06	3.89	****

Student Course Evaluation Questionnaires

Course-Section:	PHYS 122L 01
Title:	Introductory Physics Lab
Instructor:	Asaro,Catherine

Term - Spring 2011

Enrollment:	39
Questionnaires:	33

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	10	0	1	0	2	5	15	4.43	81/200	4.43	3.53	4.28	4.19	4.43
2. Were you provided with adequate background information	10	0	0	0	4	6	13	4.39	115/205	4.39	3.73	4.29	4.37	4.39
3. Were necessary materials available for lab activities	10	1	0	0	6	3	13	4.32	154/201	4.32	4.36	4.51	4.57	4.32
4. Did the lab instructor provide assistance	11	0	1	0	2	5	14	4.41	133/202	4.41	4.06	4.42	4.55	4.41
5. Were requirements for lab reports clearly specified	11	0	0	3	4	9	6	3.82	167/196	3.82	3.92	4.25	4.42	3.82
Seminar														
1. Were assigned topics relevant to the announced theme	32	0	0	0	0	1	0	4.00	****/67	****	5.00	4.58	4.48	****
3. Did research projects contribute to what you learned	32	0	0	0	0	1	0	4.00	****/64	****	****	4.25	4.01	****
Field Work														
1. Did field experience contribute to what you learned	32	0	0	0	0	1	0	4.00	****/34	****	****	4.33	2.63	****
Self Paced														
1. Did self-paced system contribute to what you learned	32	0	0	0	0	0	1	5.00	****/31	****	****	4.34	4.82	****
2. Did study questions make clear the expected goal	32	0	0	0	0	0	1	5.00	****/18	****	****	4.13	4.88	****
3. Were your contacts with the instructor helpful	32	0	0	0	0	0	1	5.00	****/24	****	****	4.34	4.64	****
4. Was the feedback/tutoring by proctors helpful	32	0	0	0	0	0	1	5.00	****/15	****	****	4.18	4.50	****
5. Were there enough proctors for all the students	32	0	0	0	0	1	0	4.00	****/13	****	****	4.07	4.63	****

Frequency Distribution

Credits Earned	Cum. GPA	Expected Grades	Reasons	Type	Majors						
00-27	0	0.00-0.99	0	A	21	Required for Majors	24	Graduate	0	Major	9
28-55	7	1.00-1.99	0	B	9						
56-83	4	2.00-2.99	4	C	2	General	5	Under-grad	33	Non-major	24

Student Course Evaluation Questionnaires

Course-Section:	PHYS 122L 01
Title:	Introductory Physics Lab
Instructor:	Asaro,Catherine

Term - Spring 2011

Enrollment:	39
Questionnaires:	33

Questions	NR	NA	Frequencies					Instructor		Course	Org	UMBC	Level	Sect
			1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
Self Paced														

84-150	4	3.00-3.49	4	D	0									
Grad.	0	3.50-4.00	13	F	0	Electives			0	**** - Means there are not enough responses to be significant				
				P	0									
				I	0	Other			1					
				?	1									

Student Course Evaluation Questionnaires

Course-Section:	PHYS 220 01
Title:	Intro Computational Phys
Instructor:	McCann, Kevin J

Term - Spring 2011

Enrollment:	27
Questionnaires:	10

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	3	7	4.70	320/1449	4.70	4.26	4.33	4.32	4.70
2. Did the instructor make clear the expected goals	0	0	0	0	3	1	6	4.30	808/1446	4.30	4.04	4.29	4.27	4.30
3. Did the exam questions reflect the expected goals	0	8	0	0	1	0	1	4.00	****/1256	****	4.16	4.34	4.36	****
4. Did other evaluations reflect the expected goals	0	1	0	0	2	2	5	4.33	734/1402	4.33	4.13	4.27	4.28	4.33
5. Did assigned readings contribute to what you learned	0	4	0	1	0	1	4	4.33	549/1358	4.33	4.05	4.13	4.13	4.33
6. Did written assignments contribute to what you learned	1	3	1	0	0	1	4	4.17	739/1327	4.17	4.19	4.16	4.12	4.17
7. Was the grading system clearly explained	0	0	0	1	1	2	6	4.30	720/1435	4.30	4.23	4.20	4.17	4.30
8. How many times was class cancelled	0	0	0	0	0	1	9	4.90	526/1446	4.90	4.70	4.67	4.63	4.90
9. How would you grade the overall teaching effectiveness	1	0	0	0	1	5	3	4.22	669/1437	4.22	3.96	4.12	4.10	4.22
Lecture														
1. Were the instructor's lectures well prepared	0	0	0	0	1	2	7	4.60	707/1386	4.60	4.27	4.48	4.46	4.60
2. Did the instructor seem interested in the subject	0	0	0	0	1	2	7	4.60	1070/1390	4.60	4.71	4.74	4.76	4.60
3. Was lecture material presented and explained clearly	0	0	0	0	1	1	8	4.70	384/1379	4.70	4.07	4.34	4.31	4.70
4. Did the lectures contribute to what you learned	0	0	0	0	2	2	6	4.40	786/1379	4.40	4.10	4.36	4.37	4.40
5. Did audiovisual techniques enhance your understanding	0	1	0	0	0	1	8	4.89	87/1236	4.89	4.09	4.08	4.16	4.89
Discussion														
1. Did class discussions contribute to what you learned	9	0	0	0	0	0	1	5.00	****/1121	****	4.06	4.18	4.11	****
2. Were all students actively encouraged to participate	9	0	0	0	0	0	1	5.00	****/1122	****	4.16	4.36	4.34	****
3. Did the instructor encourage fair and open discussion	9	0	0	0	0	0	1	5.00	****/1121	****	4.29	4.40	4.39	****

Frequency Distribution

Student Course Evaluation Questionnaires

Course-Section:	PHYS 220 01
Title:	Intro Computational Phys
Instructor:	McCann, Kevin J

Term - Spring 2011

Enrollment:	27
Questionnaires:	10

Questions	NR	NA	Frequencies					Instructor		Course	Org	UMBC	Level	Sect
			1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
Discussion														

Credits Earned	Cum. GPA	Expected Grades	Reasons	Type	Majors						
00-27	0	0.00-0.99	0	A	6	Required for Majors	7	Graduate	0	Major	7
28-55	1	1.00-1.99	0	B	2						
56-83	2	2.00-2.99	1	C	1	General	0	Under-grad	10	Non-major	3
84-150	4	3.00-3.49	2	D	0						
Grad.	0	3.50-4.00	6	F	0	Electives	1	**** - Means there are not enough responses to be significant			
				P	0						
				I	0	Other	0				
				?	1						

Student Course Evaluation Questionnaires

Course-Section:	PHYS 224 01
Title:	Introductory Physics III
Instructor:	Turner,Tracey J

Term - Spring 2011

Enrollment:	21
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	0	0	0	0	0	7	7	4.50	594/1449	4.50	4.26	4.33	4.32	4.50
2. Did the instructor make clear the expected goals	0	0	0	0	2	4	8	4.43	677/1446	4.43	4.04	4.29	4.27	4.43
3. Did the exam questions reflect the expected goals	0	0	0	0	0	4	10	4.71	313/1256	4.71	4.16	4.34	4.36	4.71
5. Did assigned readings contribute to what you learned	1	12	0	0	0	1	0	4.00	****/1358	****	4.05	4.13	4.13	****
6. Did written assignments contribute to what you learned	1	12	0	0	0	0	1	5.00	****/1327	****	4.19	4.16	4.12	****
7. Was the grading system clearly explained	0	0	0	0	1	0	13	4.86	123/1435	4.86	4.23	4.20	4.17	4.86
8. How many times was class cancelled	0	0	0	0	0	13	1	4.07	1328/1446	4.07	4.70	4.67	4.63	4.07
9. How would you grade the overall teaching effectiveness	3	1	0	0	2	7	1	3.90	1016/1437	3.90	3.96	4.12	4.10	3.90
Lecture														
1. Were the instructor's lectures well prepared	0	0	0	0	0	3	11	4.79	407/1386	4.79	4.27	4.48	4.46	4.79
2. Did the instructor seem interested in the subject	0	0	0	0	0	6	8	4.57	1097/1390	4.57	4.71	4.74	4.76	4.57
3. Was lecture material presented and explained clearly	0	0	0	0	1	3	10	4.64	464/1379	4.64	4.07	4.34	4.31	4.64
4. Did the lectures contribute to what you learned	0	0	0	0	0	4	10	4.71	445/1379	4.71	4.10	4.36	4.37	4.71
5. Did audiovisual techniques enhance your understanding	0	0	0	0	2	3	9	4.50	331/1236	4.50	4.09	4.08	4.16	4.50
Discussion														
1. Did class discussions contribute to what you learned	13	0	0	0	0	0	1	5.00	****/1121	****	4.06	4.18	4.11	****
2. Were all students actively encouraged to participate	13	0	0	0	1	0	0	3.00	****/1122	****	4.16	4.36	4.34	****
3. Did the instructor encourage fair and open discussion	13	0	1	0	0	0	0	1.00	****/1121	****	4.29	4.40	4.39	****

Frequency Distribution

Credits Earned	Cum. GPA	Expected Grades	Reasons	Type	Majors
00-27 1	0.00-0.99 1	A 6	Required for Majors 11	Graduate 0	Major 11

Student Course Evaluation Questionnaires

Course-Section:	PHYS 224 01
Title:	Introductory Physics III
Instructor:	Turner,Tracey J

Term - Spring 2011

Enrollment:	21
Questionnaires:	14

Questions			Frequencies					Instructor		Course	Org	UMBC	Level	Sect
	NR	NA	1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
Discussion														
28-55	2	1.00-1.99	0	B	6									
56-83	2	2.00-2.99	2	C	0	General		0	Under-grad	14		Non-major		3
84-150	2	3.00-3.49	0	D	0									
Grad.	0	3.50-4.00	3	F	0	Electives		1	**** - Means there are not enough responses to be significant					
				P	0									
				I	0	Other		1						
				?	2									

Student Course Evaluation Questionnaires

Course-Section:	PHYS 320L 01
Title:	Electronics Lab
Instructor:	Worchesky,Terra

Term - Spring 2011

Enrollment:	20
Questionnaires:	19

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	5	3	11	4.32	847/1449	4.32	4.26	4.33	4.38	4.32
2. Did the instructor make clear the expected goals	0	0	0	0	3	8	8	4.26	852/1446	4.26	4.04	4.29	4.33	4.26
3. Did the exam questions reflect the expected goals	0	0	0	1	3	6	9	4.21	812/1256	4.21	4.16	4.34	4.39	4.21
4. Did other evaluations reflect the expected goals	0	0	0	0	2	5	12	4.53	504/1402	4.53	4.13	4.27	4.37	4.53
5. Did assigned readings contribute to what you learned	0	1	2	3	5	3	5	3.33	1232/1358	3.33	4.05	4.13	4.14	3.33
6. Did written assignments contribute to what you learned	0	2	0	1	3	2	11	4.35	572/1327	4.35	4.19	4.16	4.23	4.35
7. Was the grading system clearly explained	0	0	0	0	2	8	9	4.37	655/1435	4.37	4.23	4.20	4.25	4.37
8. How many times was class cancelled	0	0	0	0	0	0	19	5.00	1/1446	5.00	4.70	4.67	4.68	5.00
9. How would you grade the overall teaching effectiveness	4	0	0	0	5	6	4	3.93	971/1437	3.93	3.96	4.12	4.14	3.93
Lecture														
1. Were the instructor's lectures well prepared	0	0	0	0	5	6	8	4.16	1117/1386	4.16	4.27	4.48	4.53	4.16
2. Did the instructor seem interested in the subject	0	0	0	0	1	4	14	4.68	980/1390	4.68	4.71	4.74	4.76	4.68
3. Was lecture material presented and explained clearly	0	0	0	1	6	5	7	3.95	1097/1379	3.95	4.07	4.34	4.38	3.95
4. Did the lectures contribute to what you learned	0	0	0	3	3	5	8	3.95	1096/1379	3.95	4.10	4.36	4.40	3.95
5. Did audiovisual techniques enhance your understanding	0	6	0	1	7	2	3	3.54	1002/1236	3.54	4.09	4.08	4.18	3.54
Discussion														
1. Did class discussions contribute to what you learned	16	0	1	0	1	0	1	3.00	****/1121	****	4.06	4.18	4.31	****
2. Were all students actively encouraged to participate	16	0	0	1	1	0	1	3.33	****/1122	****	4.16	4.36	4.46	****
3. Did the instructor encourage fair and open discussion	16	0	0	0	2	0	1	3.67	****/1121	****	4.29	4.40	4.53	****
4. Were special techniques successful	16	1	0	0	2	0	0	3.00	****/790	****	4.35	4.06	4.11	****

Student Course Evaluation Questionnaires

Course-Section:	PHYS 320L 01
Title:	Electronics Lab
Instructor:	Worchesky,Terra

Term - Spring 2011

Enrollment:	20
Questionnaires:	19

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	3	0	0	0	3	2	11	4.50	72/200	4.50	3.53	4.28	4.44	4.50
2. Were you provided with adequate background information	3	0	0	0	4	4	8	4.25	140/205	4.25	3.73	4.29	4.44	4.25
3. Were necessary materials available for lab activities	3	0	0	0	1	2	13	4.75	58/201	4.75	4.36	4.51	4.59	4.75
4. Did the lab instructor provide assistance	3	0	1	2	7	2	4	3.38	192/202	3.38	4.06	4.42	4.48	3.38
5. Were requirements for lab reports clearly specified	3	0	1	1	3	4	7	3.94	155/196	3.94	3.92	4.25	4.37	3.94

Frequency Distribution

Credits Earned	Cum. GPA	Expected Grades	Reasons	Type	Majors						
00-27	1	0.00-0.99	0	A	7	Required for Majors	15	Graduate	0	Major	15
28-55	1	1.00-1.99	0	B	8						
56-83	1	2.00-2.99	1	C	1	General	0	Under-grad	19	Non-major	4
84-150	5	3.00-3.49	5	D	1						
Grad.	0	3.50-4.00	5	F	0	Electives	0	**** - Means there are not enough responses to be significant			
				P	0						
				I	0	Other	1				
				?	1						

Student Course Evaluation Questionnaires

Course-Section:	PHYS 321 01	Term - Spring 2011	Enrollment:	32
Title:	Intermediate Mechanics		Questionnaires:	15
Instructor:	Georganopoulos,			

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	3	11	4.67	376/1449	4.67	4.26	4.33	4.38	4.67
2. Did the instructor make clear the expected goals	0	0	0	1	5	3	6	3.93	1124/1446	3.93	4.04	4.29	4.33	3.93
3. Did the exam questions reflect the expected goals	0	0	0	1	5	5	4	3.80	1054/1256	3.80	4.16	4.34	4.39	3.80
4. Did other evaluations reflect the expected goals	0	10	0	0	1	2	2	4.20	859/1402	4.20	4.13	4.27	4.37	4.20
5. Did assigned readings contribute to what you learned	0	1	0	0	1	6	7	4.43	460/1358	4.43	4.05	4.13	4.14	4.43
6. Did written assignments contribute to what you learned	0	7	0	0	2	2	4	4.25	662/1327	4.25	4.19	4.16	4.23	4.25
7. Was the grading system clearly explained	0	0	0	0	1	2	12	4.73	236/1435	4.73	4.23	4.20	4.25	4.73
8. How many times was class cancelled	0	0	0	0	1	3	11	4.67	888/1446	4.67	4.70	4.67	4.68	4.67
9. How would you grade the overall teaching effectiveness	1	0	0	0	3	7	4	4.07	822/1437	4.07	3.96	4.12	4.14	4.07
Lecture														
1. Were the instructor's lectures well prepared	0	0	0	0	2	4	9	4.47	853/1386	4.47	4.27	4.48	4.53	4.47
2. Did the instructor seem interested in the subject	0	0	0	0	0	5	10	4.67	1002/1390	4.67	4.71	4.74	4.76	4.67
3. Was lecture material presented and explained clearly	0	0	0	2	2	5	6	4.00	1058/1379	4.00	4.07	4.34	4.38	4.00
4. Did the lectures contribute to what you learned	0	0	0	1	2	8	4	4.00	1053/1379	4.00	4.10	4.36	4.40	4.00
5. Did audiovisual techniques enhance your understanding	1	13	0	0	0	1	0	4.00	****/1236	****	4.09	4.08	4.18	****
Discussion														
1. Did class discussions contribute to what you learned	11	0	0	0	2	1	1	3.75	854/1121	3.75	4.06	4.18	4.31	3.75
2. Were all students actively encouraged to participate	11	0	0	2	0	1	1	3.25	1045/1122	3.25	4.16	4.36	4.46	3.25
3. Did the instructor encourage fair and open discussion	11	0	0	1	1	1	1	3.50	1013/1121	3.50	4.29	4.40	4.53	3.50
4. Were special techniques successful	11	2	1	0	1	0	0	2.00	****/790	****	4.35	4.06	4.11	****

Student Course Evaluation Questionnaires

Course-Section:	PHYS 321 01
Title:	Intermediate Mechanics
Instructor:	Georganopoulos,

Term - Spring 2011

Enrollment:	32
Questionnaires:	15

Questions	NR	NA	Frequencies					Instructor		Course	Org	UMBC	Level	Sect
			1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
Discussion														

Frequency Distribution

Credits Earned	Cum. GPA	Expected Grades	Reasons	Type	Majors
00-27	1	0.00-0.99 0	A 4 Required for Majors	13	Graduate 0 Major 8
28-55	0	1.00-1.99 0	B 5		
56-83	2	2.00-2.99 0	C 4 General	0	Under-grad 15 Non-major 7
84-150	2	3.00-3.49 1	D 0		
Grad.	0	3.50-4.00 6	F 0 Electives	0	**** - Means there are not enough responses to be significant
			P 1		
			I 0 Other	1	
			? 0		

Student Course Evaluation Questionnaires

Course-Section:	PHYS 324 01
Title:	Modern Physics
Instructor:	Takacs,Laszlo

Term - Spring 2011

Enrollment:	28
Questionnaires:	13

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	1	1	3	7	4.33	821/1449	4.33	4.26	4.33	4.38	4.33
2. Did the instructor make clear the expected goals	1	0	1	1	1	7	2	3.67	1273/1446	3.67	4.04	4.29	4.33	3.67
3. Did the exam questions reflect the expected goals	1	0	0	2	3	4	3	3.67	1123/1256	3.67	4.16	4.34	4.39	3.67
4. Did other evaluations reflect the expected goals	2	3	1	1	1	3	2	3.50	1274/1402	3.50	4.13	4.27	4.37	3.50
5. Did assigned readings contribute to what you learned	1	1	1	1	2	1	6	3.91	939/1358	3.91	4.05	4.13	4.14	3.91
6. Did written assignments contribute to what you learned	1	2	2	0	2	4	2	3.40	1170/1327	3.40	4.19	4.16	4.23	3.40
7. Was the grading system clearly explained	1	0	1	2	3	3	3	3.42	1291/1435	3.42	4.23	4.20	4.25	3.42
8. How many times was class cancelled	1	0	0	0	0	0	12	5.00	1/1446	5.00	4.70	4.67	4.68	5.00
9. How would you grade the overall teaching effectiveness	2	0	0	2	3	4	2	3.55	1227/1437	3.55	3.96	4.12	4.14	3.55
Lecture														
1. Were the instructor's lectures well prepared	1	0	0	1	2	2	7	4.25	1052/1386	4.25	4.27	4.48	4.53	4.25
2. Did the instructor seem interested in the subject	1	0	0	0	3	1	8	4.42	1216/1390	4.42	4.71	4.74	4.76	4.42
3. Was lecture material presented and explained clearly	1	0	1	1	4	3	3	3.50	1261/1379	3.50	4.07	4.34	4.38	3.50
4. Did the lectures contribute to what you learned	1	0	1	3	1	2	5	3.58	1235/1379	3.58	4.10	4.36	4.40	3.58
5. Did audiovisual techniques enhance your understanding	1	5	0	0	0	5	2	4.29	531/1236	4.29	4.09	4.08	4.18	4.29
Discussion														
1. Did class discussions contribute to what you learned	12	0	0	0	0	0	1	5.00	****/1121	****	4.06	4.18	4.31	****

Frequency Distribution

Credits Earned	Cum. GPA	Expected Grades	Reasons	Type	Majors						
00-27	0	0.00-0.99	0	A	4	Required for Majors	10	Graduate	0	Major	6
28-55	1	1.00-1.99	0	B	1						

Student Course Evaluation Questionnaires

Course-Section:	PHYS 324 01
Title:	Modern Physics
Instructor:	Takacs,Laszlo

Term - Spring 2011

Enrollment:	28
Questionnaires:	13

Questions			Frequencies					Instructor		Course	Org	UMBC	Level	Sect
	NR	NA	1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
Discussion														
56-83	2	2.00-2.99	1	C	6	General		0	Under-grad	13	Non-major		7	
84-150	2	3.00-3.49	1	D	0									
Grad.	0	3.50-4.00	6	F	0	Electives		2	**** - Means there are not enough responses to be significant					
				P	0									
				I	0	Other		0						
				?	2									

Student Course Evaluation Questionnaires

Course-Section:	PHYS 408 01
Title:	Optics
Instructor:	Worchesky,Terra

Term - Spring 2011

Enrollment:	4
Questionnaires:	4

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	2	2	4.50	594/1449	4.50	4.26	4.33	4.46	4.50
2. Did the instructor make clear the expected goals	0	0	0	0	2	2	0	3.50	1327/1446	3.50	4.04	4.29	4.34	3.50
3. Did the exam questions reflect the expected goals	0	0	0	0	0	3	1	4.25	784/1256	4.25	4.16	4.34	4.43	4.25
4. Did other evaluations reflect the expected goals	0	1	0	0	1	1	1	4.00	1022/1402	4.00	4.13	4.27	4.35	4.00
5. Did assigned readings contribute to what you learned	0	1	0	0	0	2	1	4.33	549/1358	4.33	4.05	4.13	4.21	4.33
6. Did written assignments contribute to what you learned	0	2	0	0	1	0	1	4.00	847/1327	4.00	4.19	4.16	4.28	4.00
7. Was the grading system clearly explained	0	0	0	0	2	1	1	3.75	1165/1435	3.75	4.23	4.20	4.27	3.75
8. How many times was class cancelled	0	0	0	0	0	0	4	5.00	1/1446	5.00	4.70	4.67	4.71	5.00
9. How would you grade the overall teaching effectiveness	0	0	0	0	0	3	1	4.25	638/1437	4.25	3.96	4.12	4.20	4.25
Lecture														
1. Were the instructor's lectures well prepared	0	0	0	0	2	0	2	4.00	1177/1386	4.00	4.27	4.48	4.55	4.00
2. Did the instructor seem interested in the subject	0	0	0	0	0	0	4	5.00	1/1390	5.00	4.71	4.74	4.78	5.00
3. Was lecture material presented and explained clearly	0	0	0	0	0	3	1	4.25	902/1379	4.25	4.07	4.34	4.40	4.25
4. Did the lectures contribute to what you learned	0	0	0	0	2	1	1	3.75	1182/1379	3.75	4.10	4.36	4.44	3.75
5. Did audiovisual techniques enhance your understanding	0	1	0	0	0	2	1	4.33	492/1236	4.33	4.09	4.08	4.13	4.33

Frequency Distribution

Credits Earned	Cum. GPA	Expected Grades	Reasons	Type	Majors						
00-27	0	0.00-0.99	0	A	3	Required for Majors	1	Graduate	0	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	4	Non-major	0
84-150	1	3.00-3.49	2	D	0						

Student Course Evaluation Questionnaires

Course-Section: PHYS 408 01	Term - Spring 2011	Enrollment: 4
Title: Optics		Questionnaires: 4
Instructor: Worchesky, Terra		

Questions	NR	NA	Frequencies					Instructor		Course	Org	UMBC	Level	Sect
Lecture			1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean

Grad.	0	3.50-4.00	2	F	0	Electives	3	**** - Means there are not enough responses to be significant						
				P	0									
				I	0	Other	0							
				?	1									

Student Course Evaluation Questionnaires

Course-Section:	PHYS 416 01
Title:	Extragalactic-Cosmology
Instructor:	George,Ian M

Term - Spring 2011

Enrollment:	13
Questionnaires:	12

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	5	7	4.58	486/1449	4.58	4.26	4.33	4.46	4.58
2. Did the instructor make clear the expected goals	0	0	0	0	4	2	6	4.17	953/1446	4.17	4.04	4.29	4.34	4.17
3. Did the exam questions reflect the expected goals	0	0	0	0	0	3	9	4.75	269/1256	4.75	4.16	4.34	4.43	4.75
4. Did other evaluations reflect the expected goals	0	7	0	0	0	3	2	4.40	670/1402	4.40	4.13	4.27	4.35	4.40
5. Did assigned readings contribute to what you learned	0	0	0	0	3	6	3	4.00	827/1358	4.00	4.05	4.13	4.21	4.00
6. Did written assignments contribute to what you learned	0	5	0	0	1	3	3	4.29	637/1327	4.29	4.19	4.16	4.28	4.29
7. Was the grading system clearly explained	0	0	0	1	1	2	8	4.42	598/1435	4.42	4.23	4.20	4.27	4.42
8. How many times was class cancelled	0	0	0	0	8	4	0	3.33	1436/1446	3.33	4.70	4.67	4.71	3.33
9. How would you grade the overall teaching effectiveness	0	0	0	0	2	8	2	4.00	868/1437	4.00	3.96	4.12	4.20	4.00
Lecture														
1. Were the instructor's lectures well prepared	0	0	0	0	1	8	3	4.17	1112/1386	4.17	4.27	4.48	4.55	4.17
2. Did the instructor seem interested in the subject	0	0	0	0	0	2	10	4.83	710/1390	4.83	4.71	4.74	4.78	4.83
3. Was lecture material presented and explained clearly	0	0	0	0	3	5	4	4.08	1026/1379	4.08	4.07	4.34	4.40	4.08
4. Did the lectures contribute to what you learned	0	0	0	0	0	6	6	4.50	688/1379	4.50	4.10	4.36	4.44	4.50
5. Did audiovisual techniques enhance your understanding	0	0	0	0	0	3	9	4.75	159/1236	4.75	4.09	4.08	4.13	4.75
Discussion														
1. Did class discussions contribute to what you learned	11	0	0	0	0	1	0	4.00	****/1121	****	4.06	4.18	4.39	****
2. Were all students actively encouraged to participate	11	0	0	0	0	1	0	4.00	****/1122	****	4.16	4.36	4.54	****
3. Did the instructor encourage fair and open discussion	11	0	0	0	1	0	0	3.00	****/1121	****	4.29	4.40	4.60	****

Frequency Distribution

Student Course Evaluation Questionnaires

Course-Section:	PHYS 416 01
Title:	Extragalactic-Cosmology
Instructor:	George, Ian M

Term - Spring 2011

Enrollment:	13
Questionnaires:	12

Questions	NR	NA	Frequencies					Instructor		Course	Org	UMBC	Level	Sect
			1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
Discussion														

Credits Earned	Cum. GPA	Expected Grades	Reasons	Type	Majors						
00-27	0	0.00-0.99	0	A	4	Required for Majors	5	Graduate	4	Major	10
28-55	0	1.00-1.99	0	B	5						
56-83	0	2.00-2.99	0	C	2	General	0	Under-grad	8	Non-major	2
84-150	2	3.00-3.49	2	D	0						
Grad.	4	3.50-4.00	2	F	0	Electives	6	**** - Means there are not enough responses to be significant			
				P	0						
				I	0	Other	1				
				?	0						

Student Course Evaluation Questionnaires

Course-Section:	PHYS 424 01
Title:	Intro Quantam Mechanics
Instructor:	Pittman,Todd B.

Term - Spring 2011

Enrollment:	24
Questionnaires:	22

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	2	20	4.91	133/1449	4.91	4.26	4.33	4.46	4.91
2. Did the instructor make clear the expected goals	0	0	0	0	1	2	19	4.82	176/1446	4.82	4.04	4.29	4.34	4.82
3. Did the exam questions reflect the expected goals	0	0	0	0	1	3	18	4.77	247/1256	4.77	4.16	4.34	4.43	4.77
4. Did other evaluations reflect the expected goals	0	4	0	0	0	3	15	4.83	157/1402	4.83	4.13	4.27	4.35	4.83
5. Did assigned readings contribute to what you learned	0	1	0	1	2	3	15	4.52	353/1358	4.52	4.05	4.13	4.21	4.52
6. Did written assignments contribute to what you learned	0	1	0	0	0	3	18	4.86	117/1327	4.86	4.19	4.16	4.28	4.86
7. Was the grading system clearly explained	1	0	0	0	0	3	18	4.86	123/1435	4.86	4.23	4.20	4.27	4.86
8. How many times was class cancelled	0	0	0	0	0	15	7	4.32	1167/1446	4.32	4.70	4.67	4.71	4.32
9. How would you grade the overall teaching effectiveness	3	0	0	0	0	2	17	4.89	80/1437	4.89	3.96	4.12	4.20	4.89
Lecture														
1. Were the instructor's lectures well prepared	0	0	0	0	0	1	21	4.95	102/1386	4.95	4.27	4.48	4.55	4.95
2. Did the instructor seem interested in the subject	0	0	0	0	0	0	22	5.00	1/1390	5.00	4.71	4.74	4.78	5.00
3. Was lecture material presented and explained clearly	0	0	0	0	1	1	20	4.86	175/1379	4.86	4.07	4.34	4.40	4.86
4. Did the lectures contribute to what you learned	0	0	0	0	0	2	20	4.91	169/1379	4.91	4.10	4.36	4.44	4.91
5. Did audiovisual techniques enhance your understanding	0	2	0	0	4	2	14	4.50	331/1236	4.50	4.09	4.08	4.13	4.50
Discussion														
1. Did class discussions contribute to what you learned	2	0	0	0	1	3	16	4.75	207/1121	4.75	4.06	4.18	4.39	4.75
2. Were all students actively encouraged to participate	2	0	0	0	0	1	19	4.95	85/1122	4.95	4.16	4.36	4.54	4.95
3. Did the instructor encourage fair and open discussion	2	0	0	0	0	1	19	4.95	106/1121	4.95	4.29	4.40	4.60	4.95
4. Were special techniques successful	2	14	0	0	0	0	6	5.00	1/790	5.00	4.35	4.06	4.27	5.00

Student Course Evaluation Questionnaires

Course-Section:	PHYS 424 01
Title:	Intro Quantam Mechanics
Instructor:	Pittman,Todd B.

Term - Spring 2011

Enrollment:	24
Questionnaires:	22

Questions	NR	NA	Frequencies					Instructor		Course	Org	UMBC	Level	Sect
			1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
Discussion														

Frequency Distribution

Credits Earned	Cum. GPA	Expected Grades	Reasons	Type	Majors
00-27	0	0.00-0.99 0	A 9 Required for Majors	Graduate 1	Major 21
28-55	0	1.00-1.99 0	B 9		
56-83	0	2.00-2.99 0	C 1 General	Under-grad 21	Non-major 1
84-150	7	3.00-3.49 9	D 0		
Grad.	1	3.50-4.00 4	F 0 Electives		
			P 0		
			I 0 Other		
			? 3		

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

Student Course Evaluation Questionnaires

Course-Section:	PHYS 431L 01
Title:	Modern Physics Lab
Instructor:	Wu,E S

Term - Spring 2011

Enrollment:	7
Questionnaires:	7

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	4	3	4.43	705/1449	4.43	4.26	4.33	4.46	4.43
2. Did the instructor make clear the expected goals	0	0	0	0	5	1	1	3.43	1352/1446	3.43	4.04	4.29	4.34	3.43
3. Did the exam questions reflect the expected goals	0	4	0	0	2	0	1	3.67	1123/1256	3.67	4.16	4.34	4.43	3.67
4. Did other evaluations reflect the expected goals	0	1	0	0	2	2	2	4.00	1022/1402	4.00	4.13	4.27	4.35	4.00
5. Did assigned readings contribute to what you learned	0	2	0	0	0	1	4	4.80	128/1358	4.80	4.05	4.13	4.21	4.80
6. Did written assignments contribute to what you learned	0	0	0	0	0	3	4	4.57	337/1327	4.57	4.19	4.16	4.28	4.57
7. Was the grading system clearly explained	0	1	1	0	1	3	1	3.50	1262/1435	3.50	4.23	4.20	4.27	3.50
8. How many times was class cancelled	0	0	0	0	0	0	7	5.00	1/1446	5.00	4.70	4.67	4.71	5.00
9. How would you grade the overall teaching effectiveness	2	0	0	0	1	4	0	3.80	1082/1437	3.80	3.96	4.12	4.20	3.80
Lecture														
1. Were the instructor's lectures well prepared	4	0	0	1	0	0	2	4.00	1177/1386	4.00	4.27	4.48	4.55	4.00
2. Did the instructor seem interested in the subject	4	0	0	0	0	0	3	5.00	1/1390	5.00	4.71	4.74	4.78	5.00
3. Was lecture material presented and explained clearly	4	0	0	0	1	0	2	4.33	832/1379	4.33	4.07	4.34	4.40	4.33
4. Did the lectures contribute to what you learned	4	0	0	1	0	0	2	4.00	1053/1379	4.00	4.10	4.36	4.44	4.00
5. Did audiovisual techniques enhance your understanding	5	0	0	0	0	0	2	5.00	1/1236	5.00	4.09	4.08	4.13	5.00
Discussion														
1. Did class discussions contribute to what you learned	6	0	0	0	0	0	1	5.00	****/1121	****	4.06	4.18	4.39	****
2. Were all students actively encouraged to participate	6	0	0	0	0	0	1	5.00	****/1122	****	4.16	4.36	4.54	****
3. Did the instructor encourage fair and open discussion	6	0	0	0	0	0	1	5.00	****/1121	****	4.29	4.40	4.60	****
4. Were special techniques successful	6	0	0	0	0	0	1	5.00	****/790	****	4.35	4.06	4.27	****

Student Course Evaluation Questionnaires

Course-Section:	PHYS 431L 01
Title:	Modern Physics Lab
Instructor:	Wu,E S

Term - Spring 2011

Enrollment:	7
Questionnaires:	7

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	3	0	0	0	2	1	1	3.75	176/200	3.75	3.53	4.28	4.11	3.75
2. Were you provided with adequate background information	3	0	0	1	1	1	1	3.50	183/205	3.50	3.73	4.29	3.91	3.50
3. Were necessary materials available for lab activities	3	0	0	0	0	1	3	4.75	58/201	4.75	4.36	4.51	4.19	4.75
4. Did the lab instructor provide assistance	3	0	0	0	2	1	1	3.75	184/202	3.75	4.06	4.42	3.90	3.75
5. Were requirements for lab reports clearly specified	3	0	0	0	2	1	1	3.75	169/196	3.75	3.92	4.25	3.43	3.75

Frequency Distribution

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

Student Course Evaluation Questionnaires

Course-Section:	PHYS 607 01
Title:	Electromag Waves/Radiatn
Instructor:	Kramer,Ivan

Term - Spring 2011

Enrollment:	8
Questionnaires:	7

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	2	5	4.71	309/1449	4.71	4.26	4.33	4.41	4.71
2. Did the instructor make clear the expected goals	0	0	0	0	1	1	5	4.57	479/1446	4.57	4.04	4.29	4.30	4.57
3. Did the exam questions reflect the expected goals	0	0	0	0	2	1	4	4.29	763/1256	4.29	4.16	4.34	4.30	4.29
4. Did other evaluations reflect the expected goals	0	2	0	0	2	1	2	4.00	1022/1402	4.00	4.13	4.27	4.26	4.00
5. Did assigned readings contribute to what you learned	0	0	0	0	2	2	3	4.14	737/1358	4.14	4.05	4.13	4.18	4.14
6. Did written assignments contribute to what you learned	0	1	0	0	0	3	3	4.50	404/1327	4.50	4.19	4.16	4.29	4.50
7. Was the grading system clearly explained	0	0	0	1	2	1	3	3.86	1101/1435	3.86	4.23	4.20	4.23	3.86
8. How many times was class cancelled	0	0	0	0	0	5	2	4.29	1190/1446	4.29	4.70	4.67	4.81	4.29
9. How would you grade the overall teaching effectiveness	2	0	0	0	1	3	1	4.00	868/1437	4.00	3.96	4.12	4.17	4.00
Lecture														
1. Were the instructor's lectures well prepared	0	0	0	0	1	3	3	4.29	1030/1386	4.29	4.27	4.48	4.47	4.29
2. Did the instructor seem interested in the subject	0	0	0	0	0	0	7	5.00	1/1390	5.00	4.71	4.74	4.77	5.00
3. Was lecture material presented and explained clearly	0	0	0	0	1	6	0	3.86	1148/1379	3.86	4.07	4.34	4.34	3.86
4. Did the lectures contribute to what you learned	0	0	0	1	1	2	3	4.00	1053/1379	4.00	4.10	4.36	4.35	4.00

Frequency Distribution

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

Student Course Evaluation Questionnaires

Course-Section: PHYS 607 01	Term - Spring 2011	Enrollment: 8
Title: Electromag Waves/Radiatn		Questionnaires: 7
Instructor: Kramer,Ivan		

Questions	NR	NA	Frequencies					Instructor		Course	Org	UMBC	Level	Sect
			1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
Lecture														

	P	0		to be significant
	I	0	Other	0
	?	1		

Student Course Evaluation Questionnaires

Course-Section:	PHYS 614 1
Title:	Intro Surface Phys
Instructor:	Gougousi,Theodo

Term - Spring 2011

Enrollment:	8
Questionnaires:	8

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	1	3	2	3.50	1357/1449	3.50	4.26	4.33	4.41	3.50
2. Did the instructor make clear the expected goals	0	0	1	1	2	2	2	3.38	1365/1446	3.38	4.04	4.29	4.30	3.38
3. Did the exam questions reflect the expected goals	0	4	0	0	2	0	2	4.00	936/1256	4.00	4.16	4.34	4.30	4.00
4. Did other evaluations reflect the expected goals	0	0	0	1	3	0	4	3.88	1110/1402	3.88	4.13	4.27	4.26	3.88
5. Did assigned readings contribute to what you learned	0	2	0	2	2	0	2	3.33	1232/1358	3.33	4.05	4.13	4.18	3.33
6. Did written assignments contribute to what you learned	0	0	0	2	2	2	2	3.50	1127/1327	3.50	4.19	4.16	4.29	3.50
7. Was the grading system clearly explained	0	0	0	1	1	2	4	4.13	898/1435	4.13	4.23	4.20	4.23	4.13
8. How many times was class cancelled	0	0	0	0	0	2	6	4.75	788/1446	4.75	4.70	4.67	4.81	4.75
9. How would you grade the overall teaching effectiveness	3	0	0	0	0	3	2	4.40	470/1437	4.40	3.96	4.12	4.17	4.40
Lecture														
1. Were the instructor's lectures well prepared	0	0	1	0	2	2	3	3.75	1272/1386	3.75	4.27	4.48	4.47	3.75
2. Did the instructor seem interested in the subject	0	0	0	0	0	2	6	4.75	872/1390	4.75	4.71	4.74	4.77	4.75
3. Was lecture material presented and explained clearly	0	0	1	1	1	3	2	3.50	1261/1379	3.50	4.07	4.34	4.34	3.50
4. Did the lectures contribute to what you learned	0	0	1	1	2	2	2	3.38	1296/1379	3.38	4.10	4.36	4.35	3.38
5. Did audiovisual techniques enhance your understanding	2	0	0	0	2	3	1	3.83	864/1236	3.83	4.09	4.08	3.94	3.83
Discussion														
1. Did class discussions contribute to what you learned	6	0	0	0	2	0	0	3.00	1052/1121	3.00	4.06	4.18	4.29	3.00
2. Were all students actively encouraged to participate	6	0	0	1	1	0	0	2.50	1110/1122	2.50	4.16	4.36	4.44	2.50
3. Did the instructor encourage fair and open discussion	6	0	0	0	0	2	0	4.00	855/1121	4.00	4.29	4.40	4.52	4.00
4. Were special techniques successful	6	1	0	0	1	0	0	3.00	****/790	****	4.35	4.06	4.08	****

Student Course Evaluation Questionnaires

Course-Section:	PHYS 614 1
Title:	Intro Surface Phys
Instructor:	Gougousi, Theodo

Term - Spring 2011

Enrollment:	8
Questionnaires:	8

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	6	0	1	0	0	1	0	2.50	198/200	2.50	3.53	4.28	3.91	2.50
2. Were you provided with adequate background information	6	0	0	0	1	1	0	3.50	183/205	3.50	3.73	4.29	3.54	3.50
3. Were necessary materials available for lab activities	6	1	0	0	0	1	0	4.00	****/201	****	4.36	4.51	4.10	****
4. Did the lab instructor provide assistance	6	0	0	0	0	2	0	4.00	166/202	4.00	4.06	4.42	4.30	4.00
5. Were requirements for lab reports clearly specified	6	0	0	0	0	1	1	4.50	68/196	4.50	3.92	4.25	4.16	4.50
Seminar														
1. Were assigned topics relevant to the announced theme	7	0	0	0	1	0	0	3.00	****/67	****	5.00	4.58	4.67	****
2. Was the instructor available for individual attention	7	0	0	0	0	0	1	5.00	****/66	****	****	4.36	4.36	****
3. Did research projects contribute to what you learned	7	0	0	0	0	0	1	5.00	****/64	****	****	4.25	4.32	****
Field Work														
1. Did field experience contribute to what you learned	7	0	1	0	0	0	0	1.00	****/34	****	****	4.33	4.35	****
2. Did you clearly understand your evaluation criteria	7	0	1	0	0	0	0	1.00	****/35	****	****	4.15	3.87	****
3. Was the instructor available for consultation	7	0	0	0	0	0	1	5.00	****/30	****	****	4.09	3.81	****

Frequency Distribution

Credits Earned	Cum. GPA	Expected Grades	Reasons	Type	Majors						
00-27	0	0.00-0.99	0	A	3	Required for Majors	1	Graduate	4	Major	1
28-55	0	1.00-1.99	0	B	2						
56-83	0	2.00-2.99	0	C	0	General	1	Under-grad	4	Non-major	7
84-150	0	3.00-3.49	1	D	0						
Grad.	4	3.50-4.00	2	F	0	Electives	3	**** - Means there are not enough responses to be significant			
				P	0						

Student Course Evaluation Questionnaires

Course-Section:	PHYS 614 1
Title:	Intro Surface Phys
Instructor:	Gougousi,Theodo

Term - Spring 2011

Enrollment:	8
Questionnaires:	8

Questions	NR	NA	Frequencies					Instructor		Course	Org	UMBC	Level	Sect
			1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
Field Work														

	I	0	Other							1
	?	3								

Student Course Evaluation Questionnaires

Course-Section:	PHYS 622 01
Title:	Atmos Physics II
Instructor:	Hoff,Raymond M

Term - Spring 2011

Enrollment:	3
Questionnaires:	3

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	0	3	5.00	1/1449	5.00	4.26	4.33	4.41	5.00
2. Did the instructor make clear the expected goals	0	0	0	0	0	1	2	4.67	354/1446	4.67	4.04	4.29	4.30	4.67
3. Did the exam questions reflect the expected goals	0	0	0	0	1	1	1	4.00	936/1256	4.00	4.16	4.34	4.30	4.00
4. Did other evaluations reflect the expected goals	0	0	0	0	0	1	2	4.67	339/1402	4.67	4.13	4.27	4.26	4.67
5. Did assigned readings contribute to what you learned	0	1	0	0	0	1	1	4.50	371/1358	4.50	4.05	4.13	4.18	4.50
6. Did written assignments contribute to what you learned	0	0	0	0	0	1	2	4.67	253/1327	4.67	4.19	4.16	4.29	4.67
7. Was the grading system clearly explained	0	0	0	0	0	1	2	4.67	313/1435	4.67	4.23	4.20	4.23	4.67
8. How many times was class cancelled	0	0	0	0	0	0	3	5.00	1/1446	5.00	4.70	4.67	4.81	5.00
9. How would you grade the overall teaching effectiveness	0	0	0	0	0	1	2	4.67	226/1437	4.67	3.96	4.12	4.17	4.67
Lecture														
1. Were the instructor's lectures well prepared	0	0	0	0	0	1	2	4.67	614/1386	4.67	4.27	4.48	4.47	4.67
2. Did the instructor seem interested in the subject	0	0	0	0	0	1	2	4.67	1002/1390	4.67	4.71	4.74	4.77	4.67
3. Was lecture material presented and explained clearly	0	0	0	0	0	1	2	4.67	437/1379	4.67	4.07	4.34	4.34	4.67
4. Did the lectures contribute to what you learned	0	0	0	0	0	1	2	4.67	508/1379	4.67	4.10	4.36	4.35	4.67
5. Did audiovisual techniques enhance your understanding	0	0	0	0	0	1	2	4.67	220/1236	4.67	4.09	4.08	3.94	4.67

Frequency Distribution

Credits Earned	Cum. GPA	Expected Grades	Reasons	Type	Majors						
00-27	0	0.00-0.99	0	A	1	Required for Majors	3	Graduate	2	Major	0
28-55	0	1.00-1.99	0	B	2						
56-83	0	2.00-2.99	0	C	0	General	0	Under-grad	1	Non-major	3
84-150	0	3.00-3.49	0	D	0						

Student Course Evaluation Questionnaires

Course-Section: PHYS 622 01	Term - Spring 2011	Enrollment: 3
Title: Atmos Physics II		Questionnaires: 3
Instructor: Hoff, Raymond M		

Questions	NR	NA	Frequencies					Instructor		Course	Org	UMBC	Level	Sect
Lecture			1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean

Grad.	2	3.50-4.00	0	F	0	Electives	0	**** - Means there are not enough responses to be significant							
				P	0										
				I	0	Other	0								
				?	0										

Student Course Evaluation Questionnaires

Course-Section:	PHYS 627 01
Title:	Atmospheric Physics Meas
Instructor:	Martins,Jose V

Term - Spring 2011

Enrollment:	5
Questionnaires:	4

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	0	3	4.50	594/1449	4.50	4.26	4.33	4.41	4.50
2. Did the instructor make clear the expected goals	0	0	0	0	1	1	2	4.25	863/1446	4.25	4.04	4.29	4.30	4.25
3. Did the exam questions reflect the expected goals	0	3	0	0	0	0	1	5.00	1/1256	5.00	4.16	4.34	4.30	5.00
4. Did other evaluations reflect the expected goals	0	0	0	0	0	2	2	4.50	528/1402	4.50	4.13	4.27	4.26	4.50
5. Did assigned readings contribute to what you learned	0	0	0	0	1	2	1	4.00	827/1358	4.00	4.05	4.13	4.18	4.00
6. Did written assignments contribute to what you learned	0	0	0	0	1	1	2	4.25	662/1327	4.25	4.19	4.16	4.29	4.25
7. Was the grading system clearly explained	0	1	0	0	1	1	1	4.00	970/1435	4.00	4.23	4.20	4.23	4.00
8. How many times was class cancelled	0	0	0	0	0	1	3	4.75	788/1446	4.75	4.70	4.67	4.81	4.75
9. How would you grade the overall teaching effectiveness	0	0	0	0	1	1	2	4.25	638/1437	4.25	3.96	4.12	4.17	4.25
Lecture														
1. Were the instructor's lectures well prepared	2	0	0	0	0	1	1	4.50	803/1386	4.50	4.27	4.48	4.47	4.50
2. Did the instructor seem interested in the subject	2	0	0	0	0	0	2	5.00	1/1390	5.00	4.71	4.74	4.77	5.00
3. Was lecture material presented and explained clearly	2	0	0	0	0	2	0	4.00	1058/1379	4.00	4.07	4.34	4.34	4.00
4. Did the lectures contribute to what you learned	2	0	0	0	0	1	1	4.50	688/1379	4.50	4.10	4.36	4.35	4.50
5. Did audiovisual techniques enhance your understanding	2	0	0	0	1	0	1	4.00	709/1236	4.00	4.09	4.08	3.94	4.00
Discussion														
1. Did class discussions contribute to what you learned	2	0	0	0	0	1	1	4.50	396/1121	4.50	4.06	4.18	4.29	4.50
2. Were all students actively encouraged to participate	2	0	0	0	0	0	2	5.00	1/1122	5.00	4.16	4.36	4.44	5.00
3. Did the instructor encourage fair and open discussion	2	0	0	0	0	1	1	4.50	591/1121	4.50	4.29	4.40	4.52	4.50
4. Were special techniques successful	2	0	0	0	0	1	1	4.50	200/790	4.50	4.35	4.06	4.08	4.50

Student Course Evaluation Questionnaires

Course-Section:	PHYS 627 01
Title:	Atmospheric Physics Meas
Instructor:	Martins,Jose V

Term - Spring 2011

Enrollment:	5
Questionnaires:	4

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	3	0	0	0	0	1	0	4.00	153/200	4.00	3.53	4.28	3.91	4.00
2. Were you provided with adequate background information	3	0	0	0	1	0	0	3.00	195/205	3.00	3.73	4.29	3.54	3.00
3. Were necessary materials available for lab activities	3	0	0	0	0	1	0	4.00	182/201	4.00	4.36	4.51	4.10	4.00
4. Did the lab instructor provide assistance	3	0	0	0	0	1	0	4.00	166/202	4.00	4.06	4.42	4.30	4.00
5. Were requirements for lab reports clearly specified	3	0	0	0	1	0	0	3.00	188/196	3.00	3.92	4.25	4.16	3.00

Frequency Distribution

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

Student Course Evaluation Questionnaires

Course-Section:	PHYS 640 01
Title:	Computational Physics
Instructor:	McCann, Kevin J

Term - Spring 2011

Enrollment:	15
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	0	0	0	0	1	7	6	4.36	796/1449	4.36	4.26	4.33	4.41	4.36
2. Did the instructor make clear the expected goals	0	0	0	0	3	5	6	4.21	907/1446	4.21	4.04	4.29	4.30	4.21
3. Did the exam questions reflect the expected goals	0	7	0	0	0	2	5	4.71	313/1256	4.71	4.16	4.34	4.30	4.71
4. Did other evaluations reflect the expected goals	0	1	0	0	0	4	9	4.69	304/1402	4.69	4.13	4.27	4.26	4.69
5. Did assigned readings contribute to what you learned	0	2	0	0	1	4	7	4.50	371/1358	4.50	4.05	4.13	4.18	4.50
6. Did written assignments contribute to what you learned	0	4	0	0	1	3	6	4.50	404/1327	4.50	4.19	4.16	4.29	4.50
7. Was the grading system clearly explained	0	0	0	0	2	6	6	4.29	739/1435	4.29	4.23	4.20	4.23	4.29
8. How many times was class cancelled	0	0	0	0	0	0	14	5.00	1/1446	5.00	4.70	4.67	4.81	5.00
9. How would you grade the overall teaching effectiveness	3	0	0	0	0	4	7	4.64	252/1437	4.64	3.96	4.12	4.17	4.64
Lecture														
1. Were the instructor's lectures well prepared	0	0	0	0	1	5	8	4.50	803/1386	4.50	4.27	4.48	4.47	4.50
2. Did the instructor seem interested in the subject	0	0	0	0	0	3	11	4.79	821/1390	4.79	4.71	4.74	4.77	4.79
3. Was lecture material presented and explained clearly	0	0	0	0	0	4	10	4.71	370/1379	4.71	4.07	4.34	4.34	4.71
4. Did the lectures contribute to what you learned	0	0	0	0	0	4	10	4.71	445/1379	4.71	4.10	4.36	4.35	4.71
5. Did audiovisual techniques enhance your understanding	3	0	0	0	0	1	10	4.91	77/1236	4.91	4.09	4.08	3.94	4.91
Discussion														
1. Did class discussions contribute to what you learned	11	0	0	0	0	0	3	5.00	****/1121	****	4.06	4.18	4.29	****
2. Were all students actively encouraged to participate	11	0	0	0	1	0	2	4.33	****/1122	****	4.16	4.36	4.44	****
3. Did the instructor encourage fair and open discussion	11	0	0	0	1	0	2	4.33	****/1121	****	4.29	4.40	4.52	****
4. Were special techniques successful	11	0	1	0	0	1	1	3.33	****/790	****	4.35	4.06	4.08	****

Student Course Evaluation Questionnaires

Course-Section:	PHYS 640 01
Title:	Computational Physics
Instructor:	McCann, Kevin J

Term - Spring 2011

Enrollment:	15
Questionnaires:	14

Questions	NR	NA	Frequencies					Instructor		Course	Org	UMBC	Level	Sect
			1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
Discussion														

Frequency Distribution

Credits Earned	Cum. GPA	Expected Grades	Reasons	Type	Majors
00-27	1	0.00-0.99 0	A 8 Required for Majors	10 Graduate	5 Major
28-55	0	1.00-1.99 0	B 4		
56-83	0	2.00-2.99 0	C 0	0 General	9 Non-major
84-150	0	3.00-3.49 1	D 0		
Grad.	5	3.50-4.00 2	F 0 P 0 I 0 ? 1	2 Electives	**** - Means there are not enough responses to be significant
			0 Other	0	

Student Course Evaluation Questionnaires

Course-Section:	PHYS 698 01
Title:	Physics Seminar
Instructor:	George, Ian M

Term - Spring 2011

Enrollment:	15
Questionnaires:	12

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	3	1	7	4.17	987/1449	4.17	4.26	4.33	4.41	4.17
2. Did the instructor make clear the expected goals	0	0	0	1	4	0	7	4.08	1017/1446	4.08	4.04	4.29	4.30	4.08
3. Did the exam questions reflect the expected goals	0	8	0	0	2	0	2	4.00	936/1256	4.00	4.16	4.34	4.30	4.00
4. Did other evaluations reflect the expected goals	0	8	0	1	1	0	2	3.75	1171/1402	3.75	4.13	4.27	4.26	3.75
5. Did assigned readings contribute to what you learned	0	9	0	1	1	0	1	3.33	1232/1358	3.33	4.05	4.13	4.18	3.33
6. Did written assignments contribute to what you learned	0	1	0	1	4	0	6	4.00	847/1327	4.00	4.19	4.16	4.29	4.00
7. Was the grading system clearly explained	0	2	1	2	3	0	4	3.40	1295/1435	3.40	4.23	4.20	4.23	3.40
8. How many times was class cancelled	0	0	0	0	1	6	5	4.33	1151/1446	4.33	4.70	4.67	4.81	4.33
9. How would you grade the overall teaching effectiveness	3	1	0	0	3	2	3	4.00	868/1437	4.00	3.96	4.12	4.17	4.00
Lecture														
5. Did audiovisual techniques enhance your understanding	11	0	0	0	0	0	1	5.00	****/1236	****	4.09	4.08	3.94	****
Seminar														
1. Were assigned topics relevant to the announced theme	7	2	0	0	0	0	3	5.00	1/67	5.00	5.00	4.58	4.67	5.00
2. Was the instructor available for individual attention	7	4	0	0	0	1	0	4.00	****/66	****	****	4.36	4.36	****
4. Did presentations contribute to what you learned	7	1	0	0	1	1	2	4.25	51/75	4.25	4.25	4.32	4.37	4.25
5. Were criteria for grading made clear	7	3	0	0	0	2	0	4.00	****/73	****	****	4.00	4.02	****

Frequency Distribution

Credits Earned	Cum. GPA	Expected Grades	Reasons	Type	Majors						
00-27	1	0.00-0.99	0	A	8	Required for Majors	11	Graduate	5	Major	8
28-55	0	1.00-1.99	0	B	1						
56-83	0	2.00-2.99	0	C	0	General	0	Under-grad	7	Non-major	4

Student Course Evaluation Questionnaires

Course-Section: PHYS 698 01	Term - Spring 2011	Enrollment: 15
Title: Physics Seminar		Questionnaires: 12
Instructor: George, Ian M		

Questions	NR	NA	Frequencies					Mean	Rank	Course	Org	UMBC	Level	Sect
Seminar			1	2	3	4	5							

84-150	0	3.00-3.49	0	D	0											
Grad.	5	3.50-4.00	2	F	0	Electives					0	**** - Means there are not enough responses to be significant				
				P	2											
				I	0	Other					0					
				?	1											

Student Course Evaluation Questionnaires

Course-Section:	PHYS 701 01
Title:	Quantum Mechanics II
Instructor:	Franson,James D

Term - Spring 2011

Enrollment:	8
Questionnaires:	8

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	3	4	4.38	771/1449	4.38	4.26	4.33	4.41	4.38
2. Did the instructor make clear the expected goals	0	0	0	1	0	0	7	4.63	411/1446	4.63	4.04	4.29	4.30	4.63
3. Did the exam questions reflect the expected goals	0	0	0	0	0	1	7	4.88	157/1256	4.88	4.16	4.34	4.30	4.88
4. Did other evaluations reflect the expected goals	0	1	0	0	0	2	5	4.71	281/1402	4.71	4.13	4.27	4.26	4.71
5. Did assigned readings contribute to what you learned	0	0	0	0	1	2	5	4.50	371/1358	4.50	4.05	4.13	4.18	4.50
6. Did written assignments contribute to what you learned	0	1	0	0	1	1	5	4.57	337/1327	4.57	4.19	4.16	4.29	4.57
7. Was the grading system clearly explained	0	0	0	0	0	1	7	4.88	107/1435	4.88	4.23	4.20	4.23	4.88
8. How many times was class cancelled	0	0	0	0	0	7	1	4.13	1303/1446	4.13	4.70	4.67	4.81	4.13
9. How would you grade the overall teaching effectiveness	3	0	0	0	0	2	3	4.60	279/1437	4.60	3.96	4.12	4.17	4.60
Lecture														
1. Were the instructor's lectures well prepared	0	0	0	0	0	0	8	5.00	1/1386	5.00	4.27	4.48	4.47	5.00
2. Did the instructor seem interested in the subject	0	0	0	0	0	0	8	5.00	1/1390	5.00	4.71	4.74	4.77	5.00
3. Was lecture material presented and explained clearly	0	0	0	0	0	3	5	4.63	491/1379	4.63	4.07	4.34	4.34	4.63
4. Did the lectures contribute to what you learned	0	0	0	0	0	1	7	4.88	211/1379	4.88	4.10	4.36	4.35	4.88
5. Did audiovisual techniques enhance your understanding	0	7	0	0	0	0	1	5.00	****/1236	****	4.09	4.08	3.94	****
Discussion														
1. Did class discussions contribute to what you learned	5	0	0	0	0	0	3	5.00	1/1121	5.00	4.06	4.18	4.29	5.00
2. Were all students actively encouraged to participate	5	0	0	0	0	0	3	5.00	1/1122	5.00	4.16	4.36	4.44	5.00
3. Did the instructor encourage fair and open discussion	6	0	0	0	0	0	2	5.00	1/1121	5.00	4.29	4.40	4.52	5.00

Frequency Distribution

Student Course Evaluation Questionnaires

Course-Section: PHYS 701 01	Term - Spring 2011	Enrollment: 8
Title: Quantum Mechanics II		Questionnaires: 8
Instructor: Franson,James D		

	NR	NA	Frequencies					Instructor		Course	Org	UMBC	Level	Sect
Questions			1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
Discussion														

Credits Earned	Cum. GPA	Expected Grades		Reasons			Type	Majors			
00-27	1	0.00-0.99	0	A	4	Required for Majors	7	Graduate	2	Major	7
28-55	0	1.00-1.99	0	B	3						
56-83	0	2.00-2.99	0	C	0	General	0	Under-grad	6	Non-major	1
84-150	0	3.00-3.49	0	D	0						
Grad.	2	3.50-4.00	1	F	0	Electives	1	**** - Means there are not enough responses to be significant			
				P	0						
				I	0	Other	0				
				?	1						

Student Course Evaluation Questionnaires

Course-Section:	PHYS 705 01
Title:	Mathematical Phys II
Instructor:	Henriksen,Mark

Term - Spring 2011

Enrollment:	10
Questionnaires:	8

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	4	4	0	0	2.50	1445/1449	2.50	4.26	4.33	4.41	2.50
2. Did the instructor make clear the expected goals	0	0	2	1	4	1	0	2.50	1437/1446	2.50	4.04	4.29	4.30	2.50
3. Did the exam questions reflect the expected goals	0	0	0	6	2	0	0	2.25	1255/1256	2.25	4.16	4.34	4.30	2.25
4. Did other evaluations reflect the expected goals	0	3	0	0	2	3	0	3.60	1236/1402	3.60	4.13	4.27	4.26	3.60
5. Did assigned readings contribute to what you learned	0	4	1	1	0	1	1	3.00	1296/1358	3.00	4.05	4.13	4.18	3.00
6. Did written assignments contribute to what you learned	0	2	1	0	1	2	2	3.67	1061/1327	3.67	4.19	4.16	4.29	3.67
7. Was the grading system clearly explained	1	0	0	0	2	2	3	4.14	878/1435	4.14	4.23	4.20	4.23	4.14
8. How many times was class cancelled	0	0	0	0	0	1	7	4.88	586/1446	4.88	4.70	4.67	4.81	4.88
9. How would you grade the overall teaching effectiveness	0	1	3	4	0	0	0	1.57	1437/1437	1.57	3.96	4.12	4.17	1.57
Lecture														
1. Were the instructor's lectures well prepared	2	0	2	2	1	1	0	2.17	1383/1386	2.17	4.27	4.48	4.47	2.17
2. Did the instructor seem interested in the subject	2	0	0	2	1	3	0	3.17	1383/1390	3.17	4.71	4.74	4.77	3.17
3. Was lecture material presented and explained clearly	2	0	3	1	2	0	0	1.83	1379/1379	1.83	4.07	4.34	4.34	1.83
4. Did the lectures contribute to what you learned	2	0	2	1	3	0	0	2.17	1376/1379	2.17	4.10	4.36	4.35	2.17
5. Did audiovisual techniques enhance your understanding	3	3	1	1	0	0	0	1.50	1232/1236	1.50	4.09	4.08	3.94	1.50
Discussion														
1. Did class discussions contribute to what you learned	7	0	0	0	1	0	0	3.00	****/1121	****	4.06	4.18	4.29	****
2. Were all students actively encouraged to participate	7	0	0	0	0	0	1	5.00	****/1122	****	4.16	4.36	4.44	****
3. Did the instructor encourage fair and open discussion	7	0	0	0	0	1	0	4.00	****/1121	****	4.29	4.40	4.52	****

Frequency Distribution

Student Course Evaluation Questionnaires

Course-Section:	PHYS 705 01
Title:	Mathematical Phys II
Instructor:	Henriksen,Mark

Term - Spring 2011

Enrollment:	10
Questionnaires:	8

Questions	NR	NA	Frequencies					Instructor		Course	Org	UMBC	Level	Sect
			1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
Discussion														

Credits Earned	Cum. GPA	Expected Grades	Reasons	Type	Majors		
00-27	1	0.00-0.99 0	A 1	Required for Majors	8	Graduate 5	Major 6
28-55	0	1.00-1.99 0	B 4				
56-83	0	2.00-2.99 0	C 1	General	0	Under-grad 3	Non-major 2
84-150	0	3.00-3.49 0	D 0				
Grad.	5	3.50-4.00 2	F 0	Electives	0	**** - Means there are not enough responses to be significant	
			P 0				
			I 0	Other	0		
			? 1				