

Student Course Evaluation Questionnaires

Course-Section:	PHYS 100Y 01
Title:	Ideas in Physics
Instructor:	Worchesky,Terra

Term - Fall 2010

Enrollment:	15
Questionnaires:	9

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	2	0	4	3	3.89	1242/1528	3.89	4.55	4.31	4.16	3.89
2. Did the instructor make clear the expected goals	0	0	0	1	1	3	4	4.11	1034/1527	4.11	4.41	4.28	4.23	4.11
3. Did the exam questions reflect the expected goals	0	0	1	0	1	2	5	4.11	943/1333	4.11	4.37	4.34	4.26	4.11
4. Did other evaluations reflect the expected goals	0	4	1	0	0	2	2	3.80	1213/1495	3.80	4.30	4.25	4.11	3.80
5. Did assigned readings contribute to what you learned	0	0	1	0	1	4	3	3.89	974/1439	3.89	4.26	4.11	3.97	3.89
6. Did written assignments contribute to what you learned	0	4	1	0	0	3	1	3.60	1167/1425	3.60	4.33	4.12	3.93	3.60
7. Was the grading system clearly explained	0	0	1	0	0	3	5	4.22	820/1508	4.22	4.36	4.18	4.11	4.22
8. How many times was class cancelled	0	0	0	0	0	1	8	4.89	601/1526	4.89	4.78	4.66	4.57	4.89
9. How would you grade the overall teaching effectiveness	2	0	0	1	3	2	1	3.43	1304/1490	3.43	4.25	4.11	4.02	3.43
Lecture														
1. Were the instructor's lectures well prepared	0	0	0	1	0	3	5	4.33	1021/1428	4.33	4.61	4.49	4.43	4.33
2. Did the instructor seem interested in the subject	0	0	0	1	0	1	7	4.56	1148/1436	4.56	4.85	4.74	4.70	4.56
3. Was lecture material presented and explained clearly	0	0	0	1	0	4	4	4.22	942/1427	4.22	4.25	4.32	4.27	4.22
4. Did the lectures contribute to what you learned	0	0	1	1	0	3	4	3.89	1167/1425	3.89	4.28	4.34	4.31	3.89
5. Did audiovisual techniques enhance your understanding	1	1	1	0	1	2	3	3.86	869/1291	3.86	4.27	4.05	3.97	3.86
Discussion														
1. Did class discussions contribute to what you learned	6	0	0	0	0	2	1	4.33	598/1271	4.33	4.37	4.16	3.98	4.33
2. Were all students actively encouraged to participate	6	0	0	0	0	2	1	4.33	750/1276	4.33	4.47	4.33	4.14	4.33
3. Did the instructor encourage fair and open discussion	6	0	0	0	0	2	1	4.33	776/1273	4.33	4.51	4.38	4.18	4.33
4. Were special techniques successful	6	1	0	0	0	1	1	4.50	****/922	****	4.12	4.02	3.87	****

Student Course Evaluation Questionnaires

Course-Section:	PHYS 100Y 01
Title:	Ideas in Physics
Instructor:	Worchesky, Terra

Term - Fall 2010

Enrollment:	15
Questionnaires:	9

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	2	0.00-0.99	1	A	0	Required for Majors	0	Graduate	0	Major	0
28-55	0	1.00-1.99	0	B	4						
56-83	0	2.00-2.99	0	C	1	General	6	Under-grad	9	Non-major	9
84-150	0	3.00-3.49	0	D	0						
Grad.	0	3.50-4.00	0	F	0	Electives	1	**** - Means there are not enough responses to be significant			
				P	0						
				I	0	Other	0				
				?	4						

Student Course Evaluation Questionnaires

Course-Section:	PHYS 111 01
Title:	Basic Physics I
Instructor:	Anderson, Eric C

Term - Fall 2010

Enrollment:	241
Questionnaires:	68

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	5	0	0	3	6	12	42	4.48	674/1528	4.48	4.55	4.31	4.16	4.48
2. Did the instructor make clear the expected goals	5	0	0	0	8	11	44	4.57	489/1527	4.57	4.41	4.28	4.23	4.57
3. Did the exam questions reflect the expected goals	4	0	0	1	6	12	45	4.58	489/1333	4.58	4.37	4.34	4.26	4.58
4. Did other evaluations reflect the expected goals	6	21	2	0	8	14	17	4.07	1015/1495	4.07	4.30	4.25	4.11	4.07
5. Did assigned readings contribute to what you learned	5	5	4	5	7	16	26	3.95	918/1439	3.95	4.26	4.11	3.97	3.95
6. Did written assignments contribute to what you learned	6	33	1	2	7	6	13	3.97	925/1425	3.97	4.33	4.12	3.93	3.97
7. Was the grading system clearly explained	5	0	0	1	6	8	48	4.63	318/1508	4.63	4.36	4.18	4.11	4.63
8. How many times was class cancelled	5	1	0	0	0	42	20	4.32	1223/1526	4.32	4.78	4.66	4.57	4.32
9. How would you grade the overall teaching effectiveness	10	3	0	0	6	25	24	4.33	591/1490	4.33	4.25	4.11	4.02	4.33
Lecture														
1. Were the instructor's lectures well prepared	5	0	0	1	1	12	49	4.73	515/1428	4.73	4.61	4.49	4.43	4.73
2. Did the instructor seem interested in the subject	5	0	0	0	1	6	56	4.87	612/1436	4.87	4.85	4.74	4.70	4.87
3. Was lecture material presented and explained clearly	5	0	0	0	7	15	41	4.54	589/1427	4.54	4.25	4.32	4.27	4.54
4. Did the lectures contribute to what you learned	4	2	0	2	3	11	46	4.63	529/1425	4.63	4.28	4.34	4.31	4.63
5. Did audiovisual techniques enhance your understanding	5	1	1	0	4	10	47	4.65	221/1291	4.65	4.27	4.05	3.97	4.65
Discussion														
1. Did class discussions contribute to what you learned	45	0	3	2	6	5	7	3.48	1088/1271	3.48	4.37	4.16	3.98	3.48
2. Were all students actively encouraged to participate	45	0	2	1	5	4	11	3.91	987/1276	3.91	4.47	4.33	4.14	3.91
3. Did the instructor encourage fair and open discussion	48	0	1	0	5	3	11	4.15	883/1273	4.15	4.51	4.38	4.18	4.15
4. Were special techniques successful	45	14	0	2	0	2	5	4.11	****/922	****	4.12	4.02	3.87	****

Student Course Evaluation Questionnaires

Course-Section:	PHYS 111 01
Title:	Basic Physics I
Instructor:	Anderson, Eric C

Term - Fall 2010

Enrollment:	241
Questionnaires:	68

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	11	6	7	5	9	2.87	193/198	2.87	4.31	4.16	3.90	2.87
2. Were you provided with adequate background information	30	0	1	5	3	8	21	4.13	145/208	4.13	4.37	4.27	4.23	4.13
3. Were necessary materials available for lab activities	30	0	2	3	4	13	16	4.00	167/194	4.00	4.63	4.56	4.54	4.00
4. Did the lab instructor provide assistance	31	1	1	2	5	8	20	4.22	141/194	4.22	4.63	4.37	4.30	4.22
5. Were requirements for lab reports clearly specified	31	12	1	2	3	0	19	4.36	80/176	4.36	4.40	4.23	4.19	4.36
Seminar														
1. Were assigned topics relevant to the announced theme	66	0	0	0	0	0	2	5.00	****/76	****	5.00	4.51	4.44	****
2. Was the instructor available for individual attention	66	1	0	0	1	0	0	3.00	****/74	****	4.50	4.31	4.43	****
Field Work														
1. Did field experience contribute to what you learned	67	0	0	0	0	0	1	5.00	****/42	****	5.00	4.00	4.08	****
2. Did you clearly understand your evaluation criteria	67	0	0	0	0	1	0	4.00	****/41	****	4.00	4.06	4.10	****
Self Paced														
1. Did self-paced system contribute to what you learned	67	0	0	0	0	0	1	5.00	****/43	****	4.83	4.43	4.68	****
2. Did study questions make clear the expected goal	67	0	0	0	0	0	1	5.00	****/31	****	4.50	4.53	4.51	****

Frequency Distribution

Credits Earned	Cum. GPA	Expected Grades	Reasons	Type	Majors						
00-27	1	0.00-0.99	0	A	24	Required for Majors	52	Graduate	0	Major	1
28-55	7	1.00-1.99	0	B	24						
56-83	12	2.00-2.99	5	C	6	General	3	Under-grad	68	Non-major	67
84-150	6	3.00-3.49	8	D	3						
Grad.	0	3.50-4.00	19	F	0	Electives	1	**** - Means there are not enough responses			

Student Course Evaluation Questionnaires

Course-Section:	PHYS 111 01
Title:	Basic Physics I
Instructor:	Anderson, Eric C

Term - Fall 2010

Enrollment:	241
Questionnaires:	68

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

	P	0			to be significant
	I	0	Other		1
	?	10			

Student Course Evaluation Questionnaires

Course-Section:	PHYS 112 01
Title:	Basic Physics II
Instructor:	Anderson, Eric C

Term - Fall 2010

Enrollment:	84
Questionnaires:	44

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	3	11	29	4.60	521/1528	4.60	4.55	4.31	4.16	4.60
2. Did the instructor make clear the expected goals	1	0	0	0	3	5	35	4.74	269/1527	4.74	4.41	4.28	4.23	4.74
3. Did the exam questions reflect the expected goals	1	0	0	1	2	3	37	4.77	282/1333	4.77	4.37	4.34	4.26	4.77
4. Did other evaluations reflect the expected goals	1	9	0	2	4	12	16	4.24	867/1495	4.24	4.30	4.25	4.11	4.24
5. Did assigned readings contribute to what you learned	1	3	0	0	7	7	26	4.48	406/1439	4.48	4.26	4.11	3.97	4.48
6. Did written assignments contribute to what you learned	1	25	1	1	3	4	9	4.06	858/1425	4.06	4.33	4.12	3.93	4.06
7. Was the grading system clearly explained	1	0	0	0	4	7	32	4.65	295/1508	4.65	4.36	4.18	4.11	4.65
8. How many times was class cancelled	1	0	0	0	0	27	16	4.37	1185/1526	4.37	4.78	4.66	4.57	4.37
9. How would you grade the overall teaching effectiveness	7	0	0	0	0	11	26	4.70	191/1490	4.70	4.25	4.11	4.02	4.70
Lecture														
1. Were the instructor's lectures well prepared	1	0	0	0	0	6	37	4.86	286/1428	4.86	4.61	4.49	4.43	4.86
2. Did the instructor seem interested in the subject	1	0	0	0	0	4	39	4.91	516/1436	4.91	4.85	4.74	4.70	4.91
3. Was lecture material presented and explained clearly	1	0	0	0	1	10	32	4.72	337/1427	4.72	4.25	4.32	4.27	4.72
4. Did the lectures contribute to what you learned	2	0	0	0	2	5	35	4.79	306/1425	4.79	4.28	4.34	4.31	4.79
5. Did audiovisual techniques enhance your understanding	2	2	0	0	2	6	32	4.75	143/1291	4.75	4.27	4.05	3.97	4.75
Discussion														
1. Did class discussions contribute to what you learned	27	0	2	0	2	4	9	4.06	765/1271	4.06	4.37	4.16	3.98	4.06
2. Were all students actively encouraged to participate	27	0	1	0	3	2	11	4.29	780/1276	4.29	4.47	4.33	4.14	4.29
3. Did the instructor encourage fair and open discussion	29	0	0	1	1	2	11	4.53	614/1273	4.53	4.51	4.38	4.18	4.53
4. Were special techniques successful	28	9	0	0	1	1	5	4.57	****/922	****	4.12	4.02	3.87	****

Student Course Evaluation Questionnaires

Course-Section:	PHYS 112 01
Title:	Basic Physics II
Instructor:	Anderson, Eric C

Term - Fall 2010

Enrollment:	84
Questionnaires:	44

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	16	0	3	0	7	8	10	3.79	158/198	3.79	4.31	4.16	3.90	3.79
2. Were you provided with adequate background information	15	0	1	2	8	3	15	4.00	157/208	4.00	4.37	4.27	4.23	4.00
3. Were necessary materials available for lab activities	15	0	1	3	7	5	13	3.90	179/194	3.90	4.63	4.56	4.54	3.90
4. Did the lab instructor provide assistance	15	0	1	0	2	4	22	4.59	72/194	4.59	4.63	4.37	4.30	4.59
5. Were requirements for lab reports clearly specified	15	9	0	1	2	2	15	4.55	50/176	4.55	4.40	4.23	4.19	4.55
Seminar														
1. Were assigned topics relevant to the announced theme	42	0	0	0	1	1	0	3.50	****/76	****	5.00	4.51	4.44	****
2. Was the instructor available for individual attention	42	1	0	0	1	0	0	3.00	****/74	****	4.50	4.31	4.43	****
3. Did research projects contribute to what you learned	42	1	0	0	0	1	0	4.00	****/66	****	5.00	4.27	4.15	****
4. Did presentations contribute to what you learned	42	0	0	0	0	0	2	5.00	****/76	****	5.00	4.27	4.21	****
5. Were criteria for grading made clear	42	1	0	0	0	1	0	4.00	****/73	****	4.00	3.94	3.82	****
Field Work														
1. Did field experience contribute to what you learned	42	0	0	0	1	0	1	4.00	****/42	****	5.00	4.00	4.08	****
2. Did you clearly understand your evaluation criteria	42	0	0	0	1	1	0	3.50	****/41	****	4.00	4.06	4.10	****
3. Was the instructor available for consultation	42	1	0	0	0	0	1	5.00	****/30	****	5.00	4.74	5.00	****
Self Paced														
1. Did self-paced system contribute to what you learned	43	0	0	0	0	0	1	5.00	****/43	****	4.83	4.43	4.68	****
2. Did study questions make clear the expected goal	43	0	0	0	0	0	1	5.00	****/31	****	4.50	4.53	4.51	****
3. Were your contacts with the instructor helpful	43	0	0	0	0	0	1	5.00	****/36	****	5.00	4.43	4.33	****
4. Was the feedback/tutoring by proctors helpful	43	0	0	0	0	0	1	5.00	****/21	****	4.75	4.54	4.63	****
5. Were there enough proctors for all the students	43	0	0	0	0	0	1	5.00	****/20	****	5.00	4.45	4.39	****

Student Course Evaluation Questionnaires

Course-Section: PHYS 112 01	Term - Fall 2010	Enrollment: 84
Title: Basic Physics II		Questionnaires: 44
Instructor: Anderson, Eric C		

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	1	0.00-0.99	0	A	22	Required for Majors	33	Graduate	0	Major	0
28-55	2	1.00-1.99	0	B	11						
56-83	3	2.00-2.99	1	C	3	General	0	Under-grad	44	Non-major	44
84-150	7	3.00-3.49	6	D	0						
Grad.	0	3.50-4.00	9	F	0	Electives	1	**** - Means there are not enough responses to be significant			
				P	0						
				I	0	Other	0				
				?	7						

Student Course Evaluation Questionnaires

Course-Section:	PHYS 121 01
Title:	Introductory Physics I
Instructor:	Takacs,Laszlo

Term - Fall 2010

Enrollment:	270
Questionnaires:	139

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	11	28	39	36	24	3.25	1460/1528	3.25	4.55	4.31	4.16	3.25
2. Did the instructor make clear the expected goals	1	0	25	24	43	37	9	2.86	1499/1527	2.86	4.41	4.28	4.23	2.86
3. Did the exam questions reflect the expected goals	1	0	27	29	41	29	12	2.78	1321/1333	2.78	4.37	4.34	4.26	2.78
4. Did other evaluations reflect the expected goals	2	44	14	22	21	29	7	2.92	1467/1495	2.92	4.30	4.25	4.11	2.92
5. Did assigned readings contribute to what you learned	2	36	13	15	27	30	16	3.21	1329/1439	3.21	4.26	4.11	3.97	3.21
6. Did written assignments contribute to what you learned	4	55	19	12	20	18	11	2.88	1372/1425	2.88	4.33	4.12	3.93	2.88
7. Was the grading system clearly explained	3	1	15	22	38	37	23	3.23	1394/1508	3.23	4.36	4.18	4.11	3.23
8. How many times was class cancelled	3	1	0	0	0	1	134	4.99	57/1526	4.99	4.78	4.66	4.57	4.99
9. How would you grade the overall teaching effectiveness	31	0	32	16	42	18	0	2.43	1469/1490	2.43	4.25	4.11	4.02	2.43
Lecture														
1. Were the instructor's lectures well prepared	3	0	7	9	24	40	56	3.95	1238/1428	3.95	4.61	4.49	4.43	3.95
2. Did the instructor seem interested in the subject	4	0	2	1	9	26	97	4.59	1120/1436	4.59	4.85	4.74	4.70	4.59
3. Was lecture material presented and explained clearly	2	0	24	26	53	27	7	2.76	1399/1427	2.76	4.25	4.32	4.27	2.76
4. Did the lectures contribute to what you learned	2	1	30	29	34	30	13	2.76	1392/1425	2.76	4.28	4.34	4.31	2.76
5. Did audiovisual techniques enhance your understanding	6	29	22	19	22	26	15	2.93	1215/1291	2.93	4.27	4.05	3.97	2.93
Discussion														
1. Did class discussions contribute to what you learned	11	0	27	20	26	31	24	3.04	1192/1271	3.04	4.37	4.16	3.98	3.04
2. Were all students actively encouraged to participate	12	0	27	26	19	29	26	3.01	1230/1276	3.01	4.47	4.33	4.14	3.01
3. Did the instructor encourage fair and open discussion	14	0	24	17	36	22	26	3.07	1236/1273	3.07	4.51	4.38	4.18	3.07
4. Were special techniques successful	12	52	9	10	18	14	24	3.45	749/922	3.45	4.12	4.02	3.87	3.45

Student Course Evaluation Questionnaires

Course-Section:	PHYS 121 01
Title:	Introductory Physics I
Instructor:	Takacs,Laszlo

Term - Fall 2010

Enrollment:	270
Questionnaires:	139

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	133	3	1	0	1	1	0	2.67	****/198	****	4.31	4.16	3.90	****
2. Were you provided with adequate background information	136	0	0	0	2	0	1	3.67	****/208	****	4.37	4.27	4.23	****
3. Were necessary materials available for lab activities	135	3	0	0	0	0	1	5.00	****/194	****	4.63	4.56	4.54	****
4. Did the lab instructor provide assistance	135	2	0	0	0	0	2	5.00	****/194	****	4.63	4.37	4.30	****
5. Were requirements for lab reports clearly specified	135	3	0	0	1	0	0	3.00	****/176	****	4.40	4.23	4.19	****
Seminar														
1. Were assigned topics relevant to the announced theme	136	1	0	1	0	1	0	3.00	****/76	****	5.00	4.51	4.44	****
Field Work														
1. Did field experience contribute to what you learned	136	0	0	1	0	1	1	3.67	****/42	****	5.00	4.00	4.08	****
2. Did you clearly understand your evaluation criteria	137	0	0	1	0	0	1	3.50	****/41	****	4.00	4.06	4.10	****
Self Paced														
1. Did self-paced system contribute to what you learned	135	0	2	1	1	0	0	1.75	****/43	****	4.83	4.43	4.68	****
2. Did study questions make clear the expected goal	136	2	0	1	0	0	0	2.00	****/31	****	4.50	4.53	4.51	****
3. Were your contacts with the instructor helpful	136	2	1	0	0	0	0	1.00	****/36	****	5.00	4.43	4.33	****
4. Was the feedback/tutoring by proctors helpful	136	2	1	0	0	0	0	1.00	****/21	****	4.75	4.54	4.63	****
5. Were there enough proctors for all the students	136	2	1	0	0	0	0	1.00	****/20	****	5.00	4.45	4.39	****

Frequency Distribution

Credits Earned	Cum. GPA	Expected Grades	Reasons	Type	Majors				
00-27	18	0.00-0.99	4 A 18	Required for Majors	118	Graduate	0	Major	9
28-55	31	1.00-1.99	0 B 47						
56-83	17	2.00-2.99	3 C 48	General	6	Under-grad	139	Non-major	130

Student Course Evaluation Questionnaires

Course-Section:	PHYS 121 01
Title:	Introductory Physics I
Instructor:	Takacs,Laszlo

Term - Fall 2010

Enrollment:	270
Questionnaires:	139

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	11	D	6									
Grad.	0	3.50-4.00	44	F	3	Electives			3					**** - Means there are not enough responses to be significant
				P	1									
				I	0	Other			1					
				?	9									

Student Course Evaluation Questionnaires

Course-Section:	PHYS 122 01
Title:	Introductory Physics II
Instructor:	Reno,Robert C

Term - Fall 2010

Enrollment:	205
Questionnaires:	83

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	3	0	0	6	7	21	46	4.34	835/1528	4.34	4.55	4.31	4.16	4.34
2. Did the instructor make clear the expected goals	4	0	2	8	9	20	40	4.11	1034/1527	4.11	4.41	4.28	4.23	4.11
3. Did the exam questions reflect the expected goals	3	0	1	3	15	16	45	4.26	823/1333	4.26	4.37	4.34	4.26	4.26
4. Did other evaluations reflect the expected goals	4	21	0	4	15	10	29	4.10	1002/1495	4.10	4.30	4.25	4.11	4.10
5. Did assigned readings contribute to what you learned	4	30	10	2	6	12	19	3.57	1171/1439	3.57	4.26	4.11	3.97	3.57
6. Did written assignments contribute to what you learned	4	28	1	3	7	11	29	4.25	669/1425	4.25	4.33	4.12	3.93	4.25
7. Was the grading system clearly explained	4	0	1	2	5	15	56	4.56	400/1508	4.56	4.36	4.18	4.11	4.56
8. How many times was class cancelled	4	1	0	0	0	13	65	4.83	689/1526	4.83	4.78	4.66	4.57	4.83
9. How would you grade the overall teaching effectiveness	18	1	0	5	14	24	21	3.95	978/1490	3.95	4.25	4.11	4.02	3.95
Lecture														
1. Were the instructor's lectures well prepared	5	0	1	2	6	11	58	4.58	770/1428	4.58	4.61	4.49	4.43	4.58
2. Did the instructor seem interested in the subject	5	0	0	1	1	9	67	4.82	774/1436	4.82	4.85	4.74	4.70	4.82
3. Was lecture material presented and explained clearly	7	0	3	4	12	15	42	4.17	983/1427	4.17	4.25	4.32	4.27	4.17
4. Did the lectures contribute to what you learned	5	1	3	4	6	15	49	4.34	870/1425	4.34	4.28	4.34	4.31	4.34
5. Did audiovisual techniques enhance your understanding	7	30	7	3	9	11	16	3.57	1038/1291	3.57	4.27	4.05	3.97	3.57
Discussion														
1. Did class discussions contribute to what you learned	23	0	5	3	11	16	25	3.88	880/1271	3.88	4.37	4.16	3.98	3.88
2. Were all students actively encouraged to participate	24	0	4	7	7	16	25	3.86	1012/1276	3.86	4.47	4.33	4.14	3.86
3. Did the instructor encourage fair and open discussion	27	0	6	3	6	10	31	4.02	943/1273	4.02	4.51	4.38	4.18	4.02
4. Were special techniques successful	24	19	2	3	9	6	20	3.98	492/922	3.98	4.12	4.02	3.87	3.98

Student Course Evaluation Questionnaires

Course-Section:	PHYS 122 01
Title:	Introductory Physics II
Instructor:	Reno,Robert C

Term - Fall 2010

Enrollment:	205
Questionnaires:	83

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	81	0	0	0	0	1	1	4.50	****/198	****	4.31	4.16	3.90	****
2. Were you provided with adequate background information	81	0	0	0	0	1	1	4.50	****/208	****	4.37	4.27	4.23	****
3. Were necessary materials available for lab activities	82	0	0	0	0	0	1	5.00	****/194	****	4.63	4.56	4.54	****
4. Did the lab instructor provide assistance	82	0	0	0	0	0	1	5.00	****/194	****	4.63	4.37	4.30	****
5. Were requirements for lab reports clearly specified	82	0	0	0	0	0	1	5.00	****/176	****	4.40	4.23	4.19	****
Seminar														
1. Were assigned topics relevant to the announced theme	82	0	0	0	0	0	1	5.00	****/76	****	5.00	4.51	4.44	****
2. Was the instructor available for individual attention	82	0	0	0	0	0	1	5.00	****/74	****	4.50	4.31	4.43	****
3. Did research projects contribute to what you learned	82	0	0	0	0	0	1	5.00	****/66	****	5.00	4.27	4.15	****
4. Did presentations contribute to what you learned	82	0	0	0	0	0	1	5.00	****/76	****	5.00	4.27	4.21	****
5. Were criteria for grading made clear	82	0	0	0	0	0	1	5.00	****/73	****	4.00	3.94	3.82	****
Field Work														
1. Did field experience contribute to what you learned	82	0	1	0	0	0	0	1.00	****/42	****	5.00	4.00	4.08	****
2. Did you clearly understand your evaluation criteria	82	0	1	0	0	0	0	1.00	****/41	****	4.00	4.06	4.10	****
4. To what degree could you discuss your evaluations	82	0	1	0	0	0	0	1.00	****/32	****	3.00	4.20	4.09	****
Self Paced														
1. Did self-paced system contribute to what you learned	82	0	0	0	0	0	1	5.00	****/43	****	4.83	4.43	4.68	****
2. Did study questions make clear the expected goal	82	0	0	0	0	0	1	5.00	****/31	****	4.50	4.53	4.51	****
3. Were your contacts with the instructor helpful	82	0	0	0	0	0	1	5.00	****/36	****	5.00	4.43	4.33	****
4. Was the feedback/tutoring by proctors helpful	82	0	0	0	0	0	1	5.00	****/21	****	4.75	4.54	4.63	****
5. Were there enough proctors for all the students	82	0	0	0	0	0	1	5.00	****/20	****	5.00	4.45	4.39	****

Student Course Evaluation Questionnaires

Course-Section: PHYS 122 01	Term - Fall 2010	Enrollment: 205
Title: Introductory Physics II		Questionnaires: 83
Instructor: Reno, Robert C		

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	2	A	29	Required for Majors	65	Graduate	1	Major	6
28-55	18	1.00-1.99	0	B	25						
56-83	8	2.00-2.99	4	C	11	General	5	Under-grad	82	Non-major	77
84-150	5	3.00-3.49	17	D	2						
Grad.	1	3.50-4.00	22	F	0	Electives	1	**** - Means there are not enough responses to be significant			
				P	0		0				
				I	0	Other	0				
				?	11						

Student Course Evaluation Questionnaires

Course-Section:	PHYS 122L 01
Title:	Introductory Physics Lab
Instructor:	Gougousi,Theodo

Term - Fall 2010

Enrollment:	35
Questionnaires:	21

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	2	1	9	9	4.19	983/1528	4.19	4.55	4.31	4.16	4.19
2. Did the instructor make clear the expected goals	0	0	1	1	3	7	9	4.05	1085/1527	4.05	4.41	4.28	4.23	4.05
3. Did the exam questions reflect the expected goals	0	9	1	0	1	2	8	4.33	769/1333	4.33	4.37	4.34	4.26	4.33
4. Did other evaluations reflect the expected goals	0	0	1	0	5	8	7	3.95	1103/1495	3.95	4.30	4.25	4.11	3.95
5. Did assigned readings contribute to what you learned	1	13	0	0	2	2	3	4.14	762/1439	4.14	4.26	4.11	3.97	4.14
6. Did written assignments contribute to what you learned	1	3	0	1	1	5	10	4.41	501/1425	4.41	4.33	4.12	3.93	4.41
7. Was the grading system clearly explained	1	0	0	4	0	4	12	4.20	845/1508	4.20	4.36	4.18	4.11	4.20
8. How many times was class cancelled	1	0	0	0	0	6	14	4.70	881/1526	4.70	4.78	4.66	4.57	4.70
9. How would you grade the overall teaching effectiveness	4	0	0	0	6	6	5	3.94	992/1490	3.94	4.25	4.11	4.02	3.94
Lecture														
1. Were the instructor's lectures well prepared	1	0	0	0	1	4	15	4.70	572/1428	4.70	4.61	4.49	4.43	4.70
2. Did the instructor seem interested in the subject	1	0	0	0	3	5	12	4.45	1221/1436	4.45	4.85	4.74	4.70	4.45
3. Was lecture material presented and explained clearly	1	0	1	3	1	7	8	3.90	1160/1427	3.90	4.25	4.32	4.27	3.90
4. Did the lectures contribute to what you learned	1	0	0	3	7	5	5	3.60	1273/1425	3.60	4.28	4.34	4.31	3.60
5. Did audiovisual techniques enhance your understanding	1	1	0	3	1	8	7	4.00	728/1291	4.00	4.27	4.05	3.97	4.00
Discussion														
1. Did class discussions contribute to what you learned	18	0	0	0	2	0	1	3.67	****/1271	****	4.37	4.16	3.98	****
2. Were all students actively encouraged to participate	18	0	0	0	3	0	0	3.00	****/1276	****	4.47	4.33	4.14	****
3. Did the instructor encourage fair and open discussion	18	0	0	0	2	0	1	3.67	****/1273	****	4.51	4.38	4.18	****
4. Were special techniques successful	18	1	0	0	1	0	1	4.00	****/922	****	4.12	4.02	3.87	****

Student Course Evaluation Questionnaires

Course-Section:	PHYS 122L 01
Title:	Introductory Physics Lab
Instructor:	Gougousi, Theodo

Term - Fall 2010

Enrollment:	35
Questionnaires:	21

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	1	0	0	1	3	5	11	4.30	103/198	4.30	4.31	4.16	3.90	4.30
2. Were you provided with adequate background information	1	0	0	2	1	3	14	4.45	79/208	4.45	4.37	4.27	4.23	4.45
3. Were necessary materials available for lab activities	1	0	0	0	2	3	15	4.65	107/194	4.65	4.63	4.56	4.54	4.65
4. Did the lab instructor provide assistance	1	1	0	1	2	6	10	4.32	132/194	4.32	4.63	4.37	4.30	4.32
5. Were requirements for lab reports clearly specified	2	0	0	2	3	6	8	4.05	122/176	4.05	4.40	4.23	4.19	4.05

Frequency Distribution

Credits Earned	Cum. GPA	Expected Grades	Reasons	Type	Majors						
00-27	0	0.00-0.99	0	A	5	Required for Majors	15	Graduate	0	Major	12
28-55	7	1.00-1.99	0	B	10						
56-83	3	2.00-2.99	1	C	2	General	2	Under-grad	21	Non-major	9
84-150	2	3.00-3.49	5	D	0						
Grad.	0	3.50-4.00	8	F	0	Electives	1	**** - Means there are not enough responses to be significant			
				P	0						
				I	0	Other	0				
				?	3						

Student Course Evaluation Questionnaires

Course-Section:	PHYS 224 01
Title:	Introductory Physics III
Instructor:	Kramer,Ivan

Term - Fall 2010

Enrollment:	31
Questionnaires:	21

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	2	5	13	4.55	578/1528	4.55	4.55	4.31	4.34	4.55
2. Did the instructor make clear the expected goals	1	0	1	1	6	5	7	3.80	1279/1527	3.80	4.41	4.28	4.32	3.80
3. Did the exam questions reflect the expected goals	1	0	1	0	2	8	9	4.20	863/1333	4.20	4.37	4.34	4.40	4.20
4. Did other evaluations reflect the expected goals	1	7	1	1	0	7	4	3.92	1136/1495	3.92	4.30	4.25	4.28	3.92
5. Did assigned readings contribute to what you learned	1	3	0	0	2	3	12	4.59	307/1439	4.59	4.26	4.11	4.12	4.59
6. Did written assignments contribute to what you learned	1	11	0	1	2	1	5	4.11	816/1425	4.11	4.33	4.12	4.11	4.11
7. Was the grading system clearly explained	1	1	2	2	7	3	5	3.37	1367/1508	3.37	4.36	4.18	4.19	3.37
8. How many times was class cancelled	2	1	0	0	0	0	18	5.00	1/1526	5.00	4.78	4.66	4.64	5.00
9. How would you grade the overall teaching effectiveness	3	1	1	0	7	7	2	3.53	1263/1490	3.53	4.25	4.11	4.11	3.53
Lecture														
1. Were the instructor's lectures well prepared	1	0	1	0	2	6	11	4.30	1045/1428	4.30	4.61	4.49	4.48	4.30
2. Did the instructor seem interested in the subject	1	0	0	0	1	3	16	4.75	917/1436	4.75	4.85	4.74	4.76	4.75
3. Was lecture material presented and explained clearly	1	0	1	2	3	8	6	3.80	1207/1427	3.80	4.25	4.32	4.33	3.80
4. Did the lectures contribute to what you learned	1	1	1	3	4	6	5	3.58	1282/1425	3.58	4.28	4.34	4.37	3.58
5. Did audiovisual techniques enhance your understanding	2	17	1	0	0	0	1	3.00	****/1291	****	4.27	4.05	4.14	****
Discussion														
1. Did class discussions contribute to what you learned	19	0	0	1	0	1	0	3.00	****/1271	****	4.37	4.16	4.21	****
2. Were all students actively encouraged to participate	19	0	1	0	0	1	0	2.50	****/1276	****	4.47	4.33	4.37	****
3. Did the instructor encourage fair and open discussion	20	0	1	0	0	0	0	1.00	****/1273	****	4.51	4.38	4.43	****

Frequency Distribution

Student Course Evaluation Questionnaires

Course-Section: PHYS 224 01	Term - Fall 2010	Enrollment: 31
Title: Introductory Physics III		Questionnaires: 21
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
Discussion														

Credits Earned	Cum. GPA	Expected Grades		Reasons			Type	Majors			
00-27	0	0.00-0.99	0	A	7	Required for Majors	17	Graduate	0	Major	11
28-55	3	1.00-1.99	0	B	7						
56-83	3	2.00-2.99	2	C	2	General	0	Under-grad	21	Non-major	10
84-150	1	3.00-3.49	3	D	1						
Grad.	0	3.50-4.00	7	F	1	Electives	0	**** - Means there are not enough responses to be significant			
				P	0						
				I	0	Other	1				
				?	2						

Student Course Evaluation Questionnaires

Course-Section:	PHYS 303 01
Title:	Thermal/Statistical Phys
Instructor:	McCann, Kevin J

Term - Fall 2010

Enrollment:	27
Questionnaires:	25

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	18	4.68	405/1528	4.68	4.55	4.31	4.34	4.68
2. Did the instructor make clear the expected goals	0	0	0	1	4	11	9	4.12	1025/1527	4.12	4.41	4.28	4.27	4.12
3. Did the exam questions reflect the expected goals	1	0	0	4	4	10	6	3.75	1166/1333	3.75	4.37	4.34	4.34	3.75
4. Did other evaluations reflect the expected goals	0	6	0	2	2	6	9	4.16	952/1495	4.16	4.30	4.25	4.28	4.16
5. Did assigned readings contribute to what you learned	0	6	0	0	2	9	8	4.32	594/1439	4.32	4.26	4.11	4.13	4.32
6. Did written assignments contribute to what you learned	0	12	0	0	1	3	9	4.62	292/1425	4.62	4.33	4.12	4.17	4.62
7. Was the grading system clearly explained	1	0	1	1	2	11	9	4.08	987/1508	4.08	4.36	4.18	4.17	4.08
8. How many times was class cancelled	0	0	0	0	0	0	25	5.00	1/1526	5.00	4.78	4.66	4.68	5.00
9. How would you grade the overall teaching effectiveness	4	0	1	0	2	9	9	4.19	745/1490	4.19	4.25	4.11	4.11	4.19
Lecture														
1. Were the instructor's lectures well prepared	2	0	0	0	0	8	15	4.65	653/1428	4.65	4.61	4.49	4.48	4.65
2. Did the instructor seem interested in the subject	2	0	0	1	2	3	17	4.57	1141/1436	4.57	4.85	4.74	4.74	4.57
3. Was lecture material presented and explained clearly	2	0	0	3	1	6	13	4.26	908/1427	4.26	4.25	4.32	4.31	4.26
4. Did the lectures contribute to what you learned	2	0	1	0	1	5	16	4.52	644/1425	4.52	4.28	4.34	4.34	4.52
5. Did audiovisual techniques enhance your understanding	3	3	1	0	3	7	8	4.11	674/1291	4.11	4.27	4.05	4.09	4.11
Discussion														
1. Did class discussions contribute to what you learned	20	0	1	1	1	1	1	3.00	****/1271	****	4.37	4.16	4.19	****
2. Were all students actively encouraged to participate	20	0	1	0	1	1	2	3.60	****/1276	****	4.47	4.33	4.37	****
3. Did the instructor encourage fair and open discussion	20	0	0	1	1	2	1	3.60	****/1273	****	4.51	4.38	4.40	****

Frequency Distribution

Student Course Evaluation Questionnaires

Course-Section: PHYS 303 01	Term - Fall 2010	Enrollment: 27
Title: Thermal/Statistical Phys		Questionnaires: 25
Instructor: McCann, Kevin J		

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	22	Graduate	4	Major		20
28-55	0	1.00-1.99	0	B	13							
56-83	3	2.00-2.99	0	C	2	General	0	Under-grad	21	Non-major		5
84-150	3	3.00-3.49	4	D	0							
Grad.	4	3.50-4.00	6	F	0	Electives	1	**** - Means there are not enough responses to be significant				
				P	0							
				I	0	Other	2					
				?	3							

Student Course Evaluation Questionnaires

Course-Section:	PHYS 304 01
Title:	Fundamentals of Astronom
Instructor:	George,Ian M

Term - Fall 2010

Enrollment:	43
Questionnaires:	29

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	2	1	7	19	4.48	661/1528	4.48	4.55	4.31	4.34	4.48
2. Did the instructor make clear the expected goals	0	0	1	3	3	11	11	3.97	1157/1527	3.97	4.41	4.28	4.27	3.97
3. Did the exam questions reflect the expected goals	0	0	0	4	3	11	11	4.00	1003/1333	4.00	4.37	4.34	4.34	4.00
4. Did other evaluations reflect the expected goals	0	14	0	3	1	2	9	4.13	972/1495	4.13	4.30	4.25	4.28	4.13
5. Did assigned readings contribute to what you learned	3	2	6	3	3	6	6	3.13	1347/1439	3.13	4.26	4.11	4.13	3.13
6. Did written assignments contribute to what you learned	0	18	1	1	0	2	7	4.18	746/1425	4.18	4.33	4.12	4.17	4.18
7. Was the grading system clearly explained	0	0	1	2	3	8	15	4.17	883/1508	4.17	4.36	4.18	4.17	4.17
8. How many times was class cancelled	0	0	0	0	0	25	4	4.14	1374/1526	4.14	4.78	4.66	4.68	4.14
9. How would you grade the overall teaching effectiveness	2	0	0	2	7	15	3	3.70	1180/1490	3.70	4.25	4.11	4.11	3.70
Lecture														
1. Were the instructor's lectures well prepared	0	0	0	1	3	9	16	4.38	989/1428	4.38	4.61	4.49	4.48	4.38
2. Did the instructor seem interested in the subject	0	0	0	0	0	3	26	4.90	548/1436	4.90	4.85	4.74	4.74	4.90
3. Was lecture material presented and explained clearly	1	0	1	2	4	10	11	4.00	1080/1427	4.00	4.25	4.32	4.31	4.00
4. Did the lectures contribute to what you learned	0	0	2	0	3	6	18	4.31	886/1425	4.31	4.28	4.34	4.34	4.31
5. Did audiovisual techniques enhance your understanding	0	0	2	0	5	3	19	4.28	525/1291	4.28	4.27	4.05	4.09	4.28
Discussion														
1. Did class discussions contribute to what you learned	28	0	1	0	0	0	0	1.00	****/1271	****	4.37	4.16	4.19	****
2. Were all students actively encouraged to participate	28	0	1	0	0	0	0	1.00	****/1276	****	4.47	4.33	4.37	****
3. Did the instructor encourage fair and open discussion	28	0	1	0	0	0	0	1.00	****/1273	****	4.51	4.38	4.40	****
Laboratory														
2. Were you provided with adequate background information	28	0	1	0	0	0	0	1.00	****/208	****	4.37	4.27	4.31	****

Student Course Evaluation Questionnaires

Course-Section: PHYS 304 01	Term - Fall 2010	Enrollment: 43												
Title: Fundamentals of Astronom		Questionnaires: 29												
Instructor: George, Ian M														
Questions	NR	NA	1	2	3	4	5	Mean	Rank	Course	Org	UMBC	Level	Sect
Laboratory														

Frequency Distribution

Credits Earned		Cum. GPA		Expected Grades		Reasons		Type		Majors	
00-27	1	0.00-0.99	0	A	11	Required for Majors	13	Graduate	0	Major	15
28-55	0	1.00-1.99	0	B	8						
56-83	2	2.00-2.99	2	C	5	General	1	Under-grad	29	Non-major	14
84-150	9	3.00-3.49	6	D	0						
Grad.	0	3.50-4.00	7	F	0	Electives	14	**** - Means there are not enough responses to be significant			
				P	0						
				I	0	Other	0				
				?	1						

Student Course Evaluation Questionnaires

Course-Section:	PHYS 330L 01
Title:	Optics Laboratory
Instructor:	Pittman,Todd B.

Term - Fall 2010

Enrollment:	11
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	0	11	5.00	1/1528	5.00	4.55	4.31	4.34	5.00
2. Did the instructor make clear the expected goals	0	0	0	0	0	0	11	5.00	1/1527	4.94	4.41	4.28	4.27	5.00
3. Did the exam questions reflect the expected goals	0	9	0	0	0	0	2	5.00	****/1333	****	4.37	4.34	4.34	****
4. Did other evaluations reflect the expected goals	1	0	0	0	1	3	6	4.50	496/1495	4.53	4.30	4.25	4.28	4.50
5. Did assigned readings contribute to what you learned	0	3	0	0	2	2	4	4.25	657/1439	4.29	4.26	4.11	4.13	4.25
6. Did written assignments contribute to what you learned	0	0	0	0	1	1	9	4.73	199/1425	4.86	4.33	4.12	4.17	4.73
7. Was the grading system clearly explained	0	0	0	0	0	3	8	4.73	220/1508	4.70	4.36	4.18	4.17	4.73
8. How many times was class cancelled	0	0	0	0	0	0	11	5.00	1/1526	5.00	4.78	4.66	4.68	5.00
9. How would you grade the overall teaching effectiveness	3	0	0	0	0	0	8	5.00	1/1490	5.00	4.25	4.11	4.11	5.00
Lecture														
1. Were the instructor's lectures well prepared	1	0	1	0	0	1	8	4.50	854/1428	4.75	4.61	4.49	4.48	4.50
2. Did the instructor seem interested in the subject	1	0	0	0	0	0	10	5.00	1/1436	5.00	4.85	4.74	4.74	5.00
3. Was lecture material presented and explained clearly	1	0	0	0	0	1	9	4.90	138/1427	4.84	4.25	4.32	4.31	4.90
4. Did the lectures contribute to what you learned	1	0	0	0	0	4	6	4.60	556/1425	4.74	4.28	4.34	4.34	4.60
5. Did audiovisual techniques enhance your understanding	1	4	0	0	1	0	5	4.67	205/1291	4.71	4.27	4.05	4.09	4.67
Discussion														
1. Did class discussions contribute to what you learned	10	0	0	0	0	0	1	5.00	****/1271	****	4.37	4.16	4.19	****
2. Were all students actively encouraged to participate	10	0	0	0	0	0	1	5.00	****/1276	****	4.47	4.33	4.37	****
3. Did the instructor encourage fair and open discussion	10	0	0	0	0	0	1	5.00	****/1273	****	4.51	4.38	4.40	****
4. Were special techniques successful	10	0	0	0	0	1	0	4.00	****/922	****	4.12	4.02	4.02	****

Student Course Evaluation Questionnaires

Course-Section:	PHYS 330L 01
Title:	Optics Laboratory
Instructor:	Pittman,Todd B.

Term - Fall 2010

Enrollment:	11
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	0	1	0	0	0	0	10	5.00	1/198	4.94	4.31	4.16	4.26	5.00
2. Were you provided with adequate background information	0	0	0	0	0	0	11	5.00	1/208	5.00	4.37	4.27	4.31	5.00
3. Were necessary materials available for lab activities	0	0	0	0	0	0	11	5.00	1/194	4.94	4.63	4.56	4.59	5.00
4. Did the lab instructor provide assistance	0	0	0	0	0	1	10	4.91	19/194	4.90	4.63	4.37	4.37	4.91
5. Were requirements for lab reports clearly specified	0	0	0	0	1	6	4	4.27	98/176	4.41	4.40	4.23	4.33	4.27
Seminar														
1. Were assigned topics relevant to the announced theme	10	0	0	0	0	0	1	5.00	****/76	****	5.00	4.51	4.02	****

Frequency Distribution

Credits Earned	Cum. GPA	Expected Grades	Reasons	Type	Majors						
00-27	0	0.00-0.99	0	A	6	Required for Majors	10	Graduate	0	Major	10
28-55	0	1.00-1.99	0	B	5						
56-83	2	2.00-2.99	0	C	0	General	0	Under-grad	11	Non-major	1
84-150	3	3.00-3.49	3	D	0						
Grad.	0	3.50-4.00	4	F	0	Electives	1	**** - Means there are not enough responses to be significant			
				P	0						
				I	0	Other	0				
				?	0						

Student Course Evaluation Questionnaires

Course-Section:	PHYS 330L 02
Title:	Optics Laboratory
Instructor:	Pittman,Todd B.

Term - Fall 2010

Enrollment:	11
Questionnaires:	9

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	9	5.00	1/1528	5.00	4.55	4.31	4.34	5.00
2. Did the instructor make clear the expected goals	0	0	0	0	0	1	8	4.89	134/1527	4.94	4.41	4.28	4.27	4.89
3. Did the exam questions reflect the expected goals	0	8	0	0	0	0	1	5.00	****/1333	****	4.37	4.34	4.34	****
4. Did other evaluations reflect the expected goals	0	0	0	0	0	4	5	4.56	432/1495	4.53	4.30	4.25	4.28	4.56
5. Did assigned readings contribute to what you learned	0	0	0	1	1	1	6	4.33	573/1439	4.29	4.26	4.11	4.13	4.33
6. Did written assignments contribute to what you learned	0	0	0	0	0	0	9	5.00	1/1425	4.86	4.33	4.12	4.17	5.00
7. Was the grading system clearly explained	0	0	0	1	0	0	8	4.67	284/1508	4.70	4.36	4.18	4.17	4.67
8. How many times was class cancelled	0	0	0	0	0	0	9	5.00	1/1526	5.00	4.78	4.66	4.68	5.00
9. How would you grade the overall teaching effectiveness	1	0	0	0	0	0	8	5.00	1/1490	5.00	4.25	4.11	4.11	5.00
Lecture														
1. Were the instructor's lectures well prepared	0	0	0	0	0	0	9	5.00	1/1428	4.75	4.61	4.49	4.48	5.00
2. Did the instructor seem interested in the subject	0	0	0	0	0	0	9	5.00	1/1436	5.00	4.85	4.74	4.74	5.00
3. Was lecture material presented and explained clearly	0	0	0	0	1	0	8	4.78	270/1427	4.84	4.25	4.32	4.31	4.78
4. Did the lectures contribute to what you learned	0	0	0	0	0	1	8	4.89	185/1425	4.74	4.28	4.34	4.34	4.89
5. Did audiovisual techniques enhance your understanding	0	1	0	0	0	2	6	4.75	143/1291	4.71	4.27	4.05	4.09	4.75
Laboratory														
1. Did the lab increase understanding of the material	0	0	0	0	0	1	8	4.89	13/198	4.94	4.31	4.16	4.26	4.89
2. Were you provided with adequate background information	0	0	0	0	0	0	9	5.00	1/208	5.00	4.37	4.27	4.31	5.00
3. Were necessary materials available for lab activities	0	0	0	0	0	1	8	4.89	35/194	4.94	4.63	4.56	4.59	4.89
4. Did the lab instructor provide assistance	0	0	0	0	0	1	8	4.89	21/194	4.90	4.63	4.37	4.37	4.89
5. Were requirements for lab reports clearly specified	0	0	0	1	0	1	7	4.56	50/176	4.41	4.40	4.23	4.33	4.56

Student Course Evaluation Questionnaires

Course-Section:	PHYS 330L 02
Title:	Optics Laboratory
Instructor:	Pittman,Todd B.

Term - Fall 2010

Enrollment:	11
Questionnaires:	9

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

Frequency Distribution

Credits Earned		Cum. GPA		Expected Grades		Reasons		Type		Majors	
00-27	0	0.00-0.99	0	A	6	Required for Majors	8	Graduate	0	Major	9
28-55	0	1.00-1.99	0	B	1						
56-83	2	2.00-2.99	0	C	1	General	0	Under-grad	9	Non-major	0
84-150	1	3.00-3.49	2	D	0						
Grad.	0	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						

Student Course Evaluation Questionnaires

Course-Section:	PHYS 405 01
Title:	Stellar Astrophysics
Instructor:	Henriksen,Mark

Term - Fall 2010

Enrollment:	6
Questionnaires:	6

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	0	2	3	4.17	1015/1528	4.17	4.55	4.31	4.39	4.17
2. Did the instructor make clear the expected goals	0	0	0	0	2	1	3	4.17	988/1527	4.17	4.41	4.28	4.30	4.17
3. Did the exam questions reflect the expected goals	0	0	0	0	1	2	3	4.33	769/1333	4.33	4.37	4.34	4.37	4.33
4. Did other evaluations reflect the expected goals	0	2	0	0	1	1	2	4.25	844/1495	4.25	4.30	4.25	4.33	4.25
5. Did assigned readings contribute to what you learned	0	1	0	0	0	1	4	4.80	132/1439	4.80	4.26	4.11	4.20	4.80
6. Did written assignments contribute to what you learned	0	1	0	0	1	1	3	4.40	513/1425	4.40	4.33	4.12	4.26	4.40
7. Was the grading system clearly explained	0	0	0	1	1	1	3	4.00	1050/1508	4.00	4.36	4.18	4.24	4.00
8. How many times was class cancelled	0	0	0	0	0	1	5	4.83	689/1526	4.83	4.78	4.66	4.71	4.83
9. How would you grade the overall teaching effectiveness	0	0	0	0	0	2	4	4.67	221/1490	4.67	4.25	4.11	4.19	4.67
Lecture														
1. Were the instructor's lectures well prepared	0	0	0	0	0	0	6	5.00	1/1428	5.00	4.61	4.49	4.54	5.00
2. Did the instructor seem interested in the subject	0	0	0	0	0	2	4	4.67	1043/1436	4.67	4.85	4.74	4.75	4.67
3. Was lecture material presented and explained clearly	0	0	0	0	0	2	4	4.67	420/1427	4.67	4.25	4.32	4.37	4.67
4. Did the lectures contribute to what you learned	0	0	0	0	1	1	4	4.50	667/1425	4.50	4.28	4.34	4.37	4.50
5. Did audiovisual techniques enhance your understanding	1	4	0	0	1	0	0	3.00	****/1291	****	4.27	4.05	4.10	****
Discussion														
1. Did class discussions contribute to what you learned	3	0	0	0	0	1	2	4.67	319/1271	4.67	4.37	4.16	4.33	4.67
2. Were all students actively encouraged to participate	3	0	0	0	0	0	3	5.00	1/1276	5.00	4.47	4.33	4.49	5.00
3. Did the instructor encourage fair and open discussion	3	0	0	0	0	0	3	5.00	1/1273	5.00	4.51	4.38	4.55	5.00
4. Were special techniques successful	3	2	0	0	0	0	1	5.00	****/922	****	4.12	4.02	4.23	****

Student Course Evaluation Questionnaires

Course-Section:	PHYS 405 01
Title:	Stellar Astrophysics
Instructor:	Henriksen,Mark

Term - Fall 2010

Enrollment:	6
Questionnaires:	6

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 4	Graduate 2	Major 5
28-55	0	1.00-1.99 0	B 1		
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 0	D 1		
Grad.	2	3.50-4.00 2	F 0 Electives 2	**** - Means there are not enough responses to be significant	
			P 0		
			I 0 Other 0		
			? 0		

Student Course Evaluation Questionnaires

Course-Section:	PHYS 407 01
Title:	Electromagnetic Theory
Instructor:	Sparling,Lynn C

Term - Fall 2010

Enrollment:	26
Questionnaires:	15

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	2	4	4	5	3.80	1280/1528	3.80	4.55	4.31	4.39	3.80
2. Did the instructor make clear the expected goals	0	0	3	1	4	3	4	3.27	1448/1527	3.27	4.41	4.28	4.30	3.27
3. Did the exam questions reflect the expected goals	0	0	0	3	2	6	4	3.73	1175/1333	3.73	4.37	4.34	4.37	3.73
4. Did other evaluations reflect the expected goals	0	5	2	0	2	2	4	3.60	1331/1495	3.60	4.30	4.25	4.33	3.60
5. Did assigned readings contribute to what you learned	0	4	1	2	1	2	5	3.73	1090/1439	3.73	4.26	4.11	4.20	3.73
6. Did written assignments contribute to what you learned	0	6	1	1	0	5	2	3.67	1139/1425	3.67	4.33	4.12	4.26	3.67
7. Was the grading system clearly explained	0	1	3	2	1	4	4	3.29	1385/1508	3.29	4.36	4.18	4.24	3.29
8. How many times was class cancelled	0	0	0	0	0	3	12	4.80	742/1526	4.80	4.78	4.66	4.71	4.80
9. How would you grade the overall teaching effectiveness	1	0	5	2	3	3	1	2.50	1459/1490	2.50	4.25	4.11	4.19	2.50
Lecture														
1. Were the instructor's lectures well prepared	0	0	3	3	4	4	1	2.80	1413/1428	2.80	4.61	4.49	4.54	2.80
2. Did the instructor seem interested in the subject	0	0	0	1	0	5	9	4.47	1213/1436	4.47	4.85	4.74	4.75	4.47
3. Was lecture material presented and explained clearly	0	0	6	2	3	3	1	2.40	1406/1427	2.40	4.25	4.32	4.37	2.40
4. Did the lectures contribute to what you learned	0	0	5	3	1	4	2	2.67	1397/1425	2.67	4.28	4.34	4.37	2.67
5. Did audiovisual techniques enhance your understanding	0	14	1	0	0	0	0	1.00	****/1291	****	4.27	4.05	4.10	****
Discussion														
1. Did class discussions contribute to what you learned	14	0	0	0	1	0	0	3.00	****/1271	****	4.37	4.16	4.33	****
2. Were all students actively encouraged to participate	14	0	0	0	1	0	0	3.00	****/1276	****	4.47	4.33	4.49	****
3. Did the instructor encourage fair and open discussion	14	0	0	0	1	0	0	3.00	****/1273	****	4.51	4.38	4.55	****

Frequency Distribution

Student Course Evaluation Questionnaires

Course-Section:	PHYS 407 01
Title:	Electromagnetic Theory
Instructor:	Sparling,Lynn C

Term - Fall 2010

Enrollment:	26
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														

Credits Earned	Cum. GPA	Expected Grades		Reasons			Type	Majors			
00-27	2	0.00-0.99	0	A	5	Required for Majors	12	Graduate	0	Major	13
28-55	0	1.00-1.99	0	B	3						
56-83	0	2.00-2.99	1	C	5	General	0	Under-grad	15	Non-major	2
84-150	4	3.00-3.49	5	D	1						
Grad.	0	3.50-4.00	3	F	0	Electives	0	**** - Means there are not enough responses to be significant			
				P	0						
				I	0	Other	1				
				?	1						

Student Course Evaluation Questionnaires

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

Term - Fall 2010

Enrollment:	8
Questionnaires:	6

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	3	4.50	636/1528	4.50	4.55	4.31	4.39	4.50
2. Did the instructor make clear the expected goals	0	0	0	0	3	2	1	3.67	1352/1527	3.67	4.41	4.28	4.30	3.67
3. Did the exam questions reflect the expected goals	0	4	0	0	0	1	1	4.50	564/1333	4.50	4.37	4.34	4.37	4.50
4. Did other evaluations reflect the expected goals	0	0	0	0	1	1	4	4.50	496/1495	4.50	4.30	4.25	4.33	4.50
5. Did assigned readings contribute to what you learned	0	2	0	0	3	0	1	3.50	1216/1439	3.50	4.26	4.11	4.20	3.50
6. Did written assignments contribute to what you learned	0	1	0	0	0	0	5	5.00	1/1425	5.00	4.33	4.12	4.26	5.00
7. Was the grading system clearly explained	0	0	0	0	0	4	2	4.33	681/1508	4.33	4.36	4.18	4.24	4.33
8. How many times was class cancelled	0	0	0	0	0	0	6	5.00	1/1526	5.00	4.78	4.66	4.71	5.00
9. How would you grade the overall teaching effectiveness	3	0	0	0	0	3	0	4.00	911/1490	4.00	4.25	4.11	4.19	4.00
Laboratory														
2. Were you provided with adequate background information	4	0	0	0	2	0	0	3.00	197/208	3.00	4.37	4.27	4.21	3.00
3. Were necessary materials available for lab activities	4	0	0	0	0	0	2	5.00	1/194	5.00	4.63	4.56	4.52	5.00
4. Did the lab instructor provide assistance	4	0	0	0	0	1	1	4.50	93/194	4.50	4.63	4.37	4.45	4.50
5. Were requirements for lab reports clearly specified	4	0	0	0	0	2	0	4.00	126/176	4.00	4.40	4.23	3.87	4.00

Frequency Distribution

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

Student Course Evaluation Questionnaires

Course-Section: PHYS 431L 01	Term - Fall 2010	Enrollment: 8
Title: Modern Physics Lab		Questionnaires: 6
Instructor: Wu,E S		

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

	P	0	to be significant											
	I	0	Other					0						
	?	1												

Student Course Evaluation Questionnaires

Course-Section:	PHYS 450 08
Title:	Special Topics
Instructor:	Martins,Jose V

Term - Fall 2010

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	0	4	5.00	1/1528	5.00	4.55	4.31	4.39	5.00
2. Did the instructor make clear the expected goals	0	0	0	0	0	1	3	4.75	259/1527	4.75	4.41	4.28	4.30	4.75
3. Did the exam questions reflect the expected goals	0	3	0	0	0	0	1	5.00	1/1333	5.00	4.37	4.34	4.37	5.00
4. Did other evaluations reflect the expected goals	0	2	0	0	0	0	2	5.00	1/1495	5.00	4.30	4.25	4.33	5.00
8. How many times was class cancelled	0	0	0	0	0	0	4	5.00	1/1526	5.00	4.78	4.66	4.71	5.00
9. How would you grade the overall teaching effectiveness	0	0	0	0	0	0	4	5.00	1/1490	5.00	4.25	4.11	4.19	5.00
Lecture														
5. Did audiovisual techniques enhance your understanding	3	0	0	0	0	0	1	5.00	1/1291	5.00	4.27	4.05	4.10	5.00
Discussion														
1. Did class discussions contribute to what you learned	1	0	0	0	0	0	3	5.00	1/1271	5.00	4.37	4.16	4.33	5.00
2. Were all students actively encouraged to participate	1	0	0	0	0	0	3	5.00	1/1276	5.00	4.47	4.33	4.49	5.00
3. Did the instructor encourage fair and open discussion	1	0	0	0	0	0	3	5.00	1/1273	5.00	4.51	4.38	4.55	5.00
4. Were special techniques successful	1	2	0	0	0	0	1	5.00	1/922	5.00	4.12	4.02	4.23	5.00
Self Paced														
1. Did self-paced system contribute to what you learned	3	0	0	0	0	0	1	5.00	1/43	5.00	4.83	4.43	4.63	5.00
3. Were your contacts with the instructor helpful	3	0	0	0	0	0	1	5.00	1/36	5.00	5.00	4.43	4.38	5.00
4. Was the feedback/tutoring by proctors helpful	3	0	0	0	0	0	1	5.00	1/21	5.00	4.75	4.54	4.33	5.00

Frequency Distribution

Credits Earned	Cum. GPA	Expected Grades	Reasons	Type	Majors						
00-27	0	0.00-0.99	0	A	0	Required for Majors	0	Graduate	0	Major	2
28-55	0	1.00-1.99	0	B	0						

Student Course Evaluation Questionnaires

Course-Section: PHYS 450 08	Term - Fall 2010	Enrollment: 4
Title: Special Topics		Questionnaires: 4
Instructor: Martins,Jose V		

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

Student Course Evaluation Questionnaires

Course-Section:	PHYS 480 01
Title:	Tech In Theoretical Phys
Instructor:	Georganopoulos,

Term - Fall 2010

Enrollment:	24
Questionnaires:	20

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	4	15	4.70	376/1528	4.70	4.55	4.31	4.39	4.70
2. Did the instructor make clear the expected goals	0	0	0	0	0	6	14	4.70	312/1527	4.70	4.41	4.28	4.30	4.70
3. Did the exam questions reflect the expected goals	0	0	0	0	2	5	13	4.55	511/1333	4.55	4.37	4.34	4.37	4.55
4. Did other evaluations reflect the expected goals	0	4	0	0	1	2	13	4.75	227/1495	4.75	4.30	4.25	4.33	4.75
5. Did assigned readings contribute to what you learned	0	1	0	1	4	5	9	4.16	753/1439	4.16	4.26	4.11	4.20	4.16
6. Did written assignments contribute to what you learned	0	9	0	0	0	4	7	4.64	275/1425	4.64	4.33	4.12	4.26	4.64
7. Was the grading system clearly explained	0	0	0	0	0	4	16	4.80	144/1508	4.80	4.36	4.18	4.24	4.80
8. How many times was class cancelled	0	0	0	0	0	0	20	5.00	1/1526	5.00	4.78	4.66	4.71	5.00
9. How would you grade the overall teaching effectiveness	4	0	0	0	1	5	10	4.56	297/1490	4.56	4.25	4.11	4.19	4.56
Lecture														
1. Were the instructor's lectures well prepared	3	0	0	0	0	2	15	4.88	253/1428	4.88	4.61	4.49	4.54	4.88
2. Did the instructor seem interested in the subject	3	0	0	0	0	1	16	4.94	310/1436	4.94	4.85	4.74	4.75	4.94
3. Was lecture material presented and explained clearly	3	0	0	0	1	5	11	4.59	529/1427	4.59	4.25	4.32	4.37	4.59
4. Did the lectures contribute to what you learned	4	0	0	0	1	3	12	4.69	448/1425	4.69	4.28	4.34	4.37	4.69
5. Did audiovisual techniques enhance your understanding	4	13	1	0	0	1	1	3.33	****/1291	****	4.27	4.05	4.10	****
Discussion														
1. Did class discussions contribute to what you learned	12	0	0	0	3	3	2	3.88	887/1271	3.88	4.37	4.16	4.33	3.88
2. Were all students actively encouraged to participate	12	0	0	0	3	1	4	4.13	879/1276	4.13	4.47	4.33	4.49	4.13
3. Did the instructor encourage fair and open discussion	12	0	0	0	3	2	3	4.00	947/1273	4.00	4.51	4.38	4.55	4.00
4. Were special techniques successful	12	2	1	0	1	2	2	3.67	659/922	3.67	4.12	4.02	4.23	3.67

Student Course Evaluation Questionnaires

Course-Section:	PHYS 480 01
Title:	Tech In Theoretical Phys
Instructor:	Georganopoulos,

Term - Fall 2010

Enrollment:	24
Questionnaires:	20

Questions	Frequencies					Instructor		Course	Org	UMBC	Level	Sect		
	NR	NA	1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	
Laboratory														
2. Were you provided with adequate background information	19	0	0	0	0	0	1	5.00	****/208	****	4.37	4.27	4.21	****
Self Paced														
1. Did self-paced system contribute to what you learned	19	0	0	0	0	0	1	5.00	****/43	****	4.83	4.43	4.63	****
2. Did study questions make clear the expected goal	19	0	0	0	0	0	1	5.00	****/31	****	4.50	4.53	4.17	****
3. Were your contacts with the instructor helpful	19	0	0	0	0	0	1	5.00	****/36	****	5.00	4.43	4.38	****
4. Was the feedback/tutoring by proctors helpful	19	0	0	0	0	0	1	5.00	****/21	****	4.75	4.54	4.33	****

Frequency Distribution

Credits Earned		Cum. GPA		Expected Grades		Reasons		Type		Majors	
00-27	0	0.00-0.99	0	A	1	Required for Majors	8	Graduate	13	Major	16
28-55	0	1.00-1.99	0	B	15						
56-83	1	2.00-2.99	0	C	1	General	0	Under-grad	7	Non-major	4
84-150	2	3.00-3.49	3	D	0						
Grad.	13	3.50-4.00	1	F	0	Electives	6	**** - Means there are not enough responses to be significant			
				P	0						
				I	0	Other	0				
				?	3						

Student Course Evaluation Questionnaires

Course-Section:	PHYS 490 1
Title:	Senior Seminar
Instructor:	Henriksen,Mark

Term - Fall 2010

Enrollment:	7
Questionnaires:	6

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	2	4.17	1015/1528	4.17	4.55	4.31	4.39	4.17
2. Did the instructor make clear the expected goals	0	0	0	0	1	3	2	4.17	988/1527	4.17	4.41	4.28	4.30	4.17
3. Did the exam questions reflect the expected goals	0	0	0	0	1	2	3	4.33	769/1333	4.33	4.37	4.34	4.37	4.33
4. Did other evaluations reflect the expected goals	0	3	0	0	0	1	2	4.67	313/1495	4.67	4.30	4.25	4.33	4.67
5. Did assigned readings contribute to what you learned	0	1	0	0	0	1	4	4.80	132/1439	4.80	4.26	4.11	4.20	4.80
6. Did written assignments contribute to what you learned	0	3	0	0	0	0	3	5.00	1/1425	5.00	4.33	4.12	4.26	5.00
7. Was the grading system clearly explained	0	0	0	0	0	4	2	4.33	681/1508	4.33	4.36	4.18	4.24	4.33
8. How many times was class cancelled	0	0	0	0	0	0	6	5.00	1/1526	5.00	4.78	4.66	4.71	5.00
9. How would you grade the overall teaching effectiveness	0	0	0	0	0	3	3	4.50	344/1490	4.50	4.25	4.11	4.19	4.50
Lecture														
1. Were the instructor's lectures well prepared	1	0	0	0	0	2	3	4.60	735/1428	4.60	4.61	4.49	4.54	4.60
2. Did the instructor seem interested in the subject	1	0	0	0	0	0	5	5.00	1/1436	5.00	4.85	4.74	4.75	5.00
3. Was lecture material presented and explained clearly	1	0	0	0	0	3	2	4.40	772/1427	4.40	4.25	4.32	4.37	4.40
4. Did the lectures contribute to what you learned	1	0	0	0	0	2	3	4.60	556/1425	4.60	4.28	4.34	4.37	4.60
5. Did audiovisual techniques enhance your understanding	1	2	0	0	0	0	3	5.00	1/1291	5.00	4.27	4.05	4.10	5.00

Frequency Distribution

Credits Earned	Cum. GPA	Expected Grades	Reasons	Type	Majors						
00-27	0	0.00-0.99	0	A	3	Required for Majors	1	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	6	Non-major	3
84-150	1	3.00-3.49	2	D	0						

Student Course Evaluation Questionnaires

Course-Section:	PHYS 490 1
Title:	Senior Seminar
Instructor:	Henriksen,Mark

Term - Fall 2010

Enrollment:	7
Questionnaires:	6

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

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

Student Course Evaluation Questionnaires

Course-Section:	PHYS 601 01
Title:	Quantum Mechanics
Instructor:	Franson,James D

Term - Fall 2010

Enrollment:	11
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	2	4	4	4.20	973/1528	4.20	4.55	4.31	4.45	4.20
2. Did the instructor make clear the expected goals	0	0	0	0	1	2	7	4.60	453/1527	4.60	4.41	4.28	4.36	4.60
3. Did the exam questions reflect the expected goals	0	0	0	0	0	4	6	4.60	458/1333	4.60	4.37	4.34	4.39	4.60
4. Did other evaluations reflect the expected goals	0	1	0	0	0	2	7	4.78	207/1495	4.78	4.30	4.25	4.33	4.78
5. Did assigned readings contribute to what you learned	0	0	0	0	0	5	5	4.50	367/1439	4.50	4.26	4.11	4.24	4.50
6. Did written assignments contribute to what you learned	0	4	0	0	1	1	4	4.50	396/1425	4.50	4.33	4.12	4.28	4.50
7. Was the grading system clearly explained	0	0	0	0	2	1	7	4.50	448/1508	4.50	4.36	4.18	4.25	4.50
8. How many times was class cancelled	0	0	0	0	0	1	9	4.90	566/1526	4.90	4.78	4.66	4.81	4.90
9. How would you grade the overall teaching effectiveness	3	0	0	0	0	3	4	4.57	289/1490	4.57	4.25	4.11	4.16	4.57
Lecture														
1. Were the instructor's lectures well prepared	0	0	0	0	0	2	8	4.80	385/1428	4.80	4.61	4.49	4.56	4.80
2. Did the instructor seem interested in the subject	0	0	0	0	0	1	9	4.90	516/1436	4.90	4.85	4.74	4.83	4.90
3. Was lecture material presented and explained clearly	0	0	0	0	4	2	4	4.00	1080/1427	4.00	4.25	4.32	4.36	4.00
4. Did the lectures contribute to what you learned	0	0	0	0	1	5	4	4.30	894/1425	4.30	4.28	4.34	4.34	4.30
5. Did audiovisual techniques enhance your understanding	1	3	0	0	2	2	2	4.00	728/1291	4.00	4.27	4.05	3.99	4.00
Discussion														
1. Did class discussions contribute to what you learned	7	0	0	0	0	2	1	4.33	598/1271	4.33	4.37	4.16	4.27	4.33
2. Were all students actively encouraged to participate	7	0	0	0	0	1	2	4.67	439/1276	4.67	4.47	4.33	4.43	4.67
3. Did the instructor encourage fair and open discussion	7	0	0	0	0	1	2	4.67	507/1273	4.67	4.51	4.38	4.52	4.67
4. Were special techniques successful	7	2	0	0	0	0	1	5.00	****/922	****	4.12	4.02	4.00	****

Student Course Evaluation Questionnaires

Course-Section:	PHYS 601 01
Title:	Quantum Mechanics
Instructor:	Franson,James D

Term - Fall 2010

Enrollment:	11
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														

Frequency Distribution

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

Student Course Evaluation Questionnaires

Course-Section:	PHYS 602 01
Title:	Statistical Mechanics
Instructor:	McCann, Kevin J

Term - Fall 2010

Enrollment:	6
Questionnaires:	6

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	2	4.33	835/1528	4.33	4.55	4.31	4.45	4.33
2. Did the instructor make clear the expected goals	0	0	0	1	0	1	4	4.33	818/1527	4.33	4.41	4.28	4.36	4.33
3. Did the exam questions reflect the expected goals	0	0	0	0	0	3	3	4.50	564/1333	4.50	4.37	4.34	4.39	4.50
4. Did other evaluations reflect the expected goals	0	2	0	0	1	3	0	3.75	1247/1495	3.75	4.30	4.25	4.33	3.75
5. Did assigned readings contribute to what you learned	0	2	0	0	0	0	4	5.00	1/1439	5.00	4.26	4.11	4.24	5.00
6. Did written assignments contribute to what you learned	0	2	0	1	0	2	1	3.75	1088/1425	3.75	4.33	4.12	4.28	3.75
7. Was the grading system clearly explained	0	0	0	0	0	3	3	4.50	448/1508	4.50	4.36	4.18	4.25	4.50
8. How many times was class cancelled	0	0	0	0	0	0	6	5.00	1/1526	5.00	4.78	4.66	4.81	5.00
9. How would you grade the overall teaching effectiveness	0	2	0	0	0	1	3	4.75	156/1490	4.75	4.25	4.11	4.16	4.75
Lecture														
1. Were the instructor's lectures well prepared	0	0	0	0	0	0	6	5.00	1/1428	5.00	4.61	4.49	4.56	5.00
2. Did the instructor seem interested in the subject	0	0	0	0	0	1	5	4.83	742/1436	4.83	4.85	4.74	4.83	4.83
3. Was lecture material presented and explained clearly	0	0	0	0	0	3	3	4.50	625/1427	4.50	4.25	4.32	4.36	4.50
4. Did the lectures contribute to what you learned	0	0	0	0	0	2	4	4.67	475/1425	4.67	4.28	4.34	4.34	4.67
5. Did audiovisual techniques enhance your understanding	0	1	0	0	1	1	3	4.40	425/1291	4.40	4.27	4.05	3.99	4.40
Discussion														
1. Did class discussions contribute to what you learned	4	0	0	0	0	1	1	4.50	446/1271	4.50	4.37	4.16	4.27	4.50
2. Were all students actively encouraged to participate	4	0	0	0	0	1	1	4.50	591/1276	4.50	4.47	4.33	4.43	4.50
3. Did the instructor encourage fair and open discussion	4	0	0	0	0	1	1	4.50	637/1273	4.50	4.51	4.38	4.52	4.50
4. Were special techniques successful	4	0	0	1	0	1	0	3.00	857/922	3.00	4.12	4.02	4.00	3.00

Student Course Evaluation Questionnaires

Course-Section:	PHYS 602 01
Title:	Statistical Mechanics
Instructor:	McCann, Kevin J

Term - Fall 2010

Enrollment:	6
Questionnaires:	6

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 2 Required for Majors	5 Graduate	3 Major
28-55	0	1.00-1.99 0	B 2		
56-83	0	2.00-2.99 0	C 0 General	0	3 Non-major
84-150	0	3.00-3.49 0	D 0		
Grad.	3	3.50-4.00 1	F 0 Electives	0	**** - Means there are not enough responses to be significant
			P 0		
			I 0 Other	0	
			? 2		

Student Course Evaluation Questionnaires

Course-Section:	PHYS 606 01
Title:	Classical Mechanics
Instructor:	Worchesky,Terra

Term - Fall 2010

Enrollment:	9
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	1	2	4	4.43	739/1528	4.43	4.55	4.31	4.45	4.43
2. Did the instructor make clear the expected goals	0	0	0	1	0	6	0	3.71	1332/1527	3.71	4.41	4.28	4.36	3.71
3. Did the exam questions reflect the expected goals	0	0	1	0	1	1	4	4.00	1003/1333	4.00	4.37	4.34	4.39	4.00
4. Did other evaluations reflect the expected goals	0	1	0	0	0	3	3	4.50	496/1495	4.50	4.30	4.25	4.33	4.50
5. Did assigned readings contribute to what you learned	0	0	0	1	4	1	1	3.29	1305/1439	3.29	4.26	4.11	4.24	3.29
6. Did written assignments contribute to what you learned	0	2	0	1	0	3	1	3.80	1056/1425	3.80	4.33	4.12	4.28	3.80
7. Was the grading system clearly explained	0	0	1	0	1	1	4	4.00	1050/1508	4.00	4.36	4.18	4.25	4.00
8. How many times was class cancelled	1	0	0	0	0	0	6	5.00	1/1526	5.00	4.78	4.66	4.81	5.00
9. How would you grade the overall teaching effectiveness	1	0	0	1	0	5	0	3.67	1203/1490	3.67	4.25	4.11	4.16	3.67
Lecture														
1. Were the instructor's lectures well prepared	0	0	0	1	0	2	4	4.29	1058/1428	4.29	4.61	4.49	4.56	4.29
2. Did the instructor seem interested in the subject	0	0	0	0	0	0	7	5.00	1/1436	5.00	4.85	4.74	4.83	5.00
3. Was lecture material presented and explained clearly	0	0	1	0	1	5	0	3.43	1323/1427	3.43	4.25	4.32	4.36	3.43
4. Did the lectures contribute to what you learned	0	0	1	0	1	3	2	3.71	1239/1425	3.71	4.28	4.34	4.34	3.71
Discussion														
1. Did class discussions contribute to what you learned	4	0	2	0	0	0	1	2.33	1251/1271	2.33	4.37	4.16	4.27	2.33
2. Were all students actively encouraged to participate	4	0	1	0	0	1	1	3.33	1193/1276	3.33	4.47	4.33	4.43	3.33
3. Did the instructor encourage fair and open discussion	4	0	1	0	0	1	1	3.33	1201/1273	3.33	4.51	4.38	4.52	3.33
Laboratory														
2. Were you provided with adequate background information	6	0	0	0	0	1	0	4.00	****/208	****	4.37	4.27	4.40	****

Student Course Evaluation Questionnaires

Course-Section: PHYS 606 01	Term - Fall 2010	Enrollment: 9
Title: Classical Mechanics		Questionnaires: 7
Instructor: Worchesky, Terra		

Questions	NR	NA	Frequencies					Instructor		Course	Org	UMBC	Level	Sect
			1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
Seminar														
1. Were assigned topics relevant to the announced theme	6	0	0	0	0	0	1	5.00	****/76	****	5.00	4.51	4.51	****

Frequency Distribution

Credits Earned		Cum. GPA		Expected Grades		Reasons		Type		Majors	
00-27	1	0.00-0.99	0	A	2	Required for Majors	7	Graduate	5	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	2	Non-major	0
84-150	0	3.00-3.49	0	D	0						
Grad.	5	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 609 01
Title:	Modern Optics
Instructor:	Shih,Yan-hua

Term - Fall 2010

Enrollment:	2
Questionnaires:	2

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	2	5.00	1/1528	5.00	4.55	4.31	4.45	5.00
2. Did the instructor make clear the expected goals	0	0	0	0	0	1	1	4.50	575/1527	4.50	4.41	4.28	4.36	4.50
3. Did the exam questions reflect the expected goals	0	1	0	0	0	0	1	5.00	1/1333	5.00	4.37	4.34	4.39	5.00
4. Did other evaluations reflect the expected goals	0	1	0	0	0	1	0	4.00	1047/1495	4.00	4.30	4.25	4.33	4.00
5. Did assigned readings contribute to what you learned	0	0	0	0	0	0	2	5.00	1/1439	5.00	4.26	4.11	4.24	5.00
7. Was the grading system clearly explained	0	1	0	0	0	0	1	5.00	1/1508	5.00	4.36	4.18	4.25	5.00
8. How many times was class cancelled	0	0	0	0	0	0	2	5.00	1/1526	5.00	4.78	4.66	4.81	5.00
9. How would you grade the overall teaching effectiveness	0	0	0	0	0	2	0	4.00	911/1490	4.00	4.25	4.11	4.16	4.00
Lecture														
1. Were the instructor's lectures well prepared	0	0	0	0	0	0	2	5.00	1/1428	5.00	4.61	4.49	4.56	5.00
2. Did the instructor seem interested in the subject	0	0	0	0	0	0	2	5.00	1/1436	5.00	4.85	4.74	4.83	5.00
3. Was lecture material presented and explained clearly	0	0	0	0	0	1	1	4.50	625/1427	4.50	4.25	4.32	4.36	4.50
4. Did the lectures contribute to what you learned	0	0	0	0	0	0	2	5.00	1/1425	5.00	4.28	4.34	4.34	5.00
Discussion														
1. Did class discussions contribute to what you learned	1	0	0	0	0	0	1	5.00	1/1271	5.00	4.37	4.16	4.27	5.00
2. Were all students actively encouraged to participate	1	0	0	0	0	0	1	5.00	1/1276	5.00	4.47	4.33	4.43	5.00
3. Did the instructor encourage fair and open discussion	1	0	0	0	0	0	1	5.00	1/1273	5.00	4.51	4.38	4.52	5.00

Frequency Distribution

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

Student Course Evaluation Questionnaires

Course-Section:	PHYS 609 01
Title:	Modern Optics
Instructor:	Shih,Yan-hua

Term - Fall 2010

Enrollment:	2
Questionnaires:	2

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	0	2.00-2.99	0	C	0	General		0	Under-grad	1	Non-major				1
84-150	0	3.00-3.49	0	D	0										
Grad.	1	3.50-4.00	0	F	0	Electives		0	**** - Means there are not enough responses to be significant						
				P	0										
				I	0	Other		1							
				?	0										

Student Course Evaluation Questionnaires

Course-Section:	PHYS 621 01
Title:	Atmos Physics I
Instructor:	Sparling,Lynn C

Term - Fall 2010

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	1	2	4.25	919/1528	4.25	4.55	4.31	4.45	4.25
2. Did the instructor make clear the expected goals	0	0	0	0	1	2	1	4.00	1113/1527	4.00	4.41	4.28	4.36	4.00
3. Did the exam questions reflect the expected goals	0	0	0	0	0	2	2	4.50	564/1333	4.50	4.37	4.34	4.39	4.50
4. Did other evaluations reflect the expected goals	0	0	0	0	0	3	1	4.25	844/1495	4.25	4.30	4.25	4.33	4.25
5. Did assigned readings contribute to what you learned	0	0	0	0	0	2	2	4.50	367/1439	4.50	4.26	4.11	4.24	4.50
6. Did written assignments contribute to what you learned	0	0	0	0	0	2	2	4.50	396/1425	4.50	4.33	4.12	4.28	4.50
7. Was the grading system clearly explained	0	1	0	0	0	3	0	4.00	1050/1508	4.00	4.36	4.18	4.25	4.00
8. How many times was class cancelled	0	0	1	0	0	1	2	3.75	1499/1526	3.75	4.78	4.66	4.81	3.75
9. How would you grade the overall teaching effectiveness	0	0	0	0	1	1	2	4.25	675/1490	4.25	4.25	4.11	4.16	4.25
Lecture														
1. Were the instructor's lectures well prepared	0	0	0	0	0	2	2	4.50	854/1428	4.50	4.61	4.49	4.56	4.50
2. Did the instructor seem interested in the subject	0	0	0	0	0	0	4	5.00	1/1436	5.00	4.85	4.74	4.83	5.00
3. Was lecture material presented and explained clearly	0	0	0	0	1	1	2	4.25	916/1427	4.25	4.25	4.32	4.36	4.25
4. Did the lectures contribute to what you learned	0	0	0	0	1	1	2	4.25	930/1425	4.25	4.28	4.34	4.34	4.25
5. Did audiovisual techniques enhance your understanding	0	1	0	0	0	2	1	4.33	480/1291	4.33	4.27	4.05	3.99	4.33
Discussion														
1. Did class discussions contribute to what you learned	2	0	0	0	0	1	1	4.50	446/1271	4.50	4.37	4.16	4.27	4.50
2. Were all students actively encouraged to participate	2	0	0	0	0	1	1	4.50	591/1276	4.50	4.47	4.33	4.43	4.50
3. Did the instructor encourage fair and open discussion	3	0	0	0	0	1	0	4.00	947/1273	4.00	4.51	4.38	4.52	4.00
4. Were special techniques successful	3	0	0	0	1	0	0	3.00	857/922	3.00	4.12	4.02	4.00	3.00

Student Course Evaluation Questionnaires

Course-Section:	PHYS 621 01
Title:	Atmos Physics I
Instructor:	Sparling,Lynn C

Term - Fall 2010

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
Discussion														

Frequency Distribution

Credits Earned	Cum. GPA	Expected Grades	Reasons	Type	Majors
00-27	1	0.00-0.99 0	A 0 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 2	Non-major 4
84-150	0	3.00-3.49 0	D 0		
Grad.	2	3.50-4.00 1	F 0 Electives 1 P 0 I 0 Other 0 ? 0	**** - Means there are not enough responses to be significant	

Student Course Evaluation Questionnaires

Course-Section:	PHYS 650 20
Title:	Special Topics
Instructor:	Sparling,Lynn C

Term - Fall 2010

Enrollment:	1
Questionnaires:	1

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	1	5.00	1/1528	5.00	4.55	4.31	4.45	5.00
2. Did the instructor make clear the expected goals	0	0	0	0	0	0	1	5.00	1/1527	5.00	4.41	4.28	4.36	5.00
3. Did the exam questions reflect the expected goals	0	0	0	0	0	0	1	5.00	1/1333	5.00	4.37	4.34	4.39	5.00
4. Did other evaluations reflect the expected goals	0	0	0	0	0	0	1	5.00	1/1495	5.00	4.30	4.25	4.33	5.00
5. Did assigned readings contribute to what you learned	0	0	0	0	0	0	1	5.00	1/1439	5.00	4.26	4.11	4.24	5.00
7. Was the grading system clearly explained	0	0	0	0	0	0	1	5.00	1/1508	5.00	4.36	4.18	4.25	5.00
8. How many times was class cancelled	0	0	0	0	0	0	1	5.00	1/1526	5.00	4.78	4.66	4.81	5.00
9. How would you grade the overall teaching effectiveness	0	0	0	0	0	0	1	5.00	1/1490	5.00	4.25	4.11	4.16	5.00
Lecture														
5. Did audiovisual techniques enhance your understanding	0	0	0	0	0	0	1	5.00	1/1291	5.00	4.27	4.05	3.99	5.00
Discussion														
1. Did class discussions contribute to what you learned	0	0	0	0	0	0	1	5.00	1/1271	5.00	4.37	4.16	4.27	5.00
2. Were all students actively encouraged to participate	0	0	0	0	0	0	1	5.00	1/1276	5.00	4.47	4.33	4.43	5.00
3. Did the instructor encourage fair and open discussion	0	0	0	0	0	0	1	5.00	1/1273	5.00	4.51	4.38	4.52	5.00

Frequency Distribution

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

Student Course Evaluation Questionnaires

Course-Section: PHYS 650 20	Term - Fall 2010	Enrollment: 1
Title: Special Topics		Questionnaires: 1
Instructor: Sparling,Lynn C		

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

	P	1		to be significant
	I	0	Other	0
	?	0		

Student Course Evaluation Questionnaires

Course-Section:	PHYS 690 01
Title:	Prof Skills Phys
Instructor:	Hayden,L M

Term - Fall 2010

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	1	6	4.86	199/1528	4.86	4.55	4.31	4.45	4.86
2. Did the instructor make clear the expected goals	0	0	0	0	0	1	6	4.86	161/1527	4.86	4.41	4.28	4.36	4.86
3. Did the exam questions reflect the expected goals	0	4	0	0	0	1	2	4.67	393/1333	4.67	4.37	4.34	4.39	4.67
4. Did other evaluations reflect the expected goals	0	0	0	1	0	2	4	4.29	808/1495	4.29	4.30	4.25	4.33	4.29
5. Did assigned readings contribute to what you learned	0	0	0	0	2	3	2	4.00	851/1439	4.00	4.26	4.11	4.24	4.00
6. Did written assignments contribute to what you learned	0	1	0	0	1	2	3	4.33	583/1425	4.33	4.33	4.12	4.28	4.33
7. Was the grading system clearly explained	0	0	0	0	0	2	5	4.71	229/1508	4.71	4.36	4.18	4.25	4.71
8. How many times was class cancelled	0	0	0	0	0	1	6	4.86	654/1526	4.86	4.78	4.66	4.81	4.86
9. How would you grade the overall teaching effectiveness	0	1	0	0	1	5	0	3.83	1096/1490	3.83	4.25	4.11	4.16	3.83
Lecture														
1. Were the instructor's lectures well prepared	2	0	0	0	0	1	4	4.80	385/1428	4.80	4.61	4.49	4.56	4.80
2. Did the instructor seem interested in the subject	2	0	0	0	0	1	4	4.80	839/1436	4.80	4.85	4.74	4.83	4.80
3. Was lecture material presented and explained clearly	2	0	0	0	0	1	4	4.80	230/1427	4.80	4.25	4.32	4.36	4.80
4. Did the lectures contribute to what you learned	2	0	0	0	1	0	4	4.60	556/1425	4.60	4.28	4.34	4.34	4.60
5. Did audiovisual techniques enhance your understanding	2	1	0	0	1	2	1	4.00	728/1291	4.00	4.27	4.05	3.99	4.00
Discussion														
1. Did class discussions contribute to what you learned	6	0	0	0	0	0	1	5.00	****/1271	****	4.37	4.16	4.27	****
2. Were all students actively encouraged to participate	6	0	0	0	0	0	1	5.00	****/1276	****	4.47	4.33	4.43	****
3. Did the instructor encourage fair and open discussion	6	0	0	0	0	0	1	5.00	****/1273	****	4.51	4.38	4.52	****
4. Were special techniques successful	6	0	0	0	0	0	1	5.00	****/922	****	4.12	4.02	4.00	****

Student Course Evaluation Questionnaires

Course-Section:	PHYS 690 01
Title:	Prof Skills Phys
Instructor:	Hayden,L M

Term - Fall 2010

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
Seminar														
1. Were assigned topics relevant to the announced theme	5	0	0	0	0	0	2	5.00	1/76	5.00	5.00	4.51	4.51	5.00
2. Was the instructor available for individual attention	5	0	0	0	0	1	1	4.50	35/74	4.50	4.50	4.31	4.32	4.50
3. Did research projects contribute to what you learned	5	0	0	0	0	0	2	5.00	1/66	5.00	5.00	4.27	4.44	5.00
4. Did presentations contribute to what you learned	5	0	0	0	0	0	2	5.00	1/76	5.00	5.00	4.27	4.33	5.00
5. Were criteria for grading made clear	5	0	0	0	0	2	0	4.00	42/73	4.00	4.00	3.94	3.81	4.00

Frequency Distribution

Credits Earned	Cum. GPA	Expected Grades	Reasons	Type	Majors						
00-27	1	0.00-0.99	0	A	2	Required for Majors	6	Graduate	3	Major	5
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	2
84-150	0	3.00-3.49	0	D	0						
Grad.	3	3.50-4.00	2	F	0	Electives	0	**** - Means there are not enough responses to be significant			
				P	3						
				I	0	Other	0				
				?	2						

Student Course Evaluation Questionnaires

Course-Section:	PHYS 698 1
Title:	Physics Seminar
Instructor:	George,Ian M

Term - Fall 2010

Enrollment:	14
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	3	4	5	4.17	1015/1528	4.17	4.55	4.31	4.45	4.17
2. Did the instructor make clear the expected goals	0	0	0	0	2	3	7	4.42	720/1527	4.42	4.41	4.28	4.36	4.42
3. Did the exam questions reflect the expected goals	0	9	0	0	1	1	1	4.00	1003/1333	4.00	4.37	4.34	4.39	4.00
4. Did other evaluations reflect the expected goals	0	9	0	0	1	2	0	3.67	1301/1495	3.67	4.30	4.25	4.33	3.67
5. Did assigned readings contribute to what you learned	0	10	0	1	0	0	1	3.50	****/1439	****	4.26	4.11	4.24	****
6. Did written assignments contribute to what you learned	2	2	0	2	1	2	3	3.75	1088/1425	3.75	4.33	4.12	4.28	3.75
7. Was the grading system clearly explained	0	4	0	1	1	2	4	4.13	946/1508	4.13	4.36	4.18	4.25	4.13
8. How many times was class cancelled	0	0	0	0	2	6	4	4.17	1356/1526	4.17	4.78	4.66	4.81	4.17
9. How would you grade the overall teaching effectiveness	3	1	0	0	1	4	3	4.25	675/1490	4.25	4.25	4.11	4.16	4.25
Lecture														
1. Were the instructor's lectures well prepared	10	0	0	0	0	1	1	4.50	****/1428	****	4.61	4.49	4.56	****
2. Did the instructor seem interested in the subject	9	0	0	0	0	0	3	5.00	1/1436	5.00	4.85	4.74	4.83	5.00
3. Was lecture material presented and explained clearly	10	0	0	0	0	0	2	5.00	****/1427	****	4.25	4.32	4.36	****
4. Did the lectures contribute to what you learned	10	0	0	0	0	0	2	5.00	****/1425	****	4.28	4.34	4.34	****
5. Did audiovisual techniques enhance your understanding	9	0	0	0	0	2	1	4.33	480/1291	4.33	4.27	4.05	3.99	4.33
Discussion														
1. Did class discussions contribute to what you learned	11	0	0	0	0	0	1	5.00	****/1271	****	4.37	4.16	4.27	****
2. Were all students actively encouraged to participate	11	0	0	0	0	0	1	5.00	****/1276	****	4.47	4.33	4.43	****
3. Did the instructor encourage fair and open discussion	11	0	0	0	0	0	1	5.00	****/1273	****	4.51	4.38	4.52	****
4. Were special techniques successful	11	0	0	0	1	0	0	3.00	****/922	****	4.12	4.02	4.00	****

Student Course Evaluation Questionnaires

Course-Section:	PHYS 698 1
Title:	Physics Seminar
Instructor:	George, Ian M

Term - Fall 2010

Enrollment:	14
Questionnaires:	12

Questions	NR	NA	Frequencies					Instructor		Course	Org	UMBC	Level	Sect
			1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
Seminar														
1. Were assigned topics relevant to the announced theme	8	2	0	0	0	1	1	4.50	****/76	****	5.00	4.51	4.51	****
2. Was the instructor available for individual attention	9	2	0	0	0	0	1	5.00	****/74	****	4.50	4.31	4.32	****
3. Did research projects contribute to what you learned	9	2	0	0	0	1	0	4.00	****/66	****	5.00	4.27	4.44	****
4. Did presentations contribute to what you learned	9	1	0	0	0	1	1	4.50	****/76	****	5.00	4.27	4.33	****
5. Were criteria for grading made clear	9	1	0	0	0	1	1	4.50	****/73	****	4.00	3.94	3.81	****

Frequency Distribution

Credits Earned	Cum. GPA	Expected Grades	Reasons	Type	Majors						
00-27	2	0.00-0.99	0	A	6	Required for Majors	12	Graduate	6	Major	11
28-55	0	1.00-1.99	0	B	0						
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.	6	3.50-4.00	0	F	0	Electives	0	**** - Means there are not enough responses to be significant			
				P	4						
				I	0	Other	0				
				?	1						

Student Course Evaluation Questionnaires

Course-Section:	PHYS 707 01
Title:	Adv Electromagnetic Thry
Instructor:	Kramer,Ivan

Term - Fall 2010

Enrollment:	7
Questionnaires:	6

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	2	4.17	1015/1528	4.17	4.55	4.31	4.45	4.17
2. Did the instructor make clear the expected goals	0	0	0	0	0	2	4	4.67	368/1527	4.67	4.41	4.28	4.36	4.67
3. Did the exam questions reflect the expected goals	0	0	0	0	1	1	4	4.50	564/1333	4.50	4.37	4.34	4.39	4.50
4. Did other evaluations reflect the expected goals	0	0	0	0	0	3	3	4.50	496/1495	4.50	4.30	4.25	4.33	4.50
5. Did assigned readings contribute to what you learned	0	1	0	0	1	2	2	4.20	710/1439	4.20	4.26	4.11	4.24	4.20
6. Did written assignments contribute to what you learned	0	1	0	0	3	0	2	3.80	1056/1425	3.80	4.33	4.12	4.28	3.80
7. Was the grading system clearly explained	0	0	0	1	1	1	3	4.00	1050/1508	4.00	4.36	4.18	4.25	4.00
8. How many times was class cancelled	0	0	0	0	0	0	6	5.00	1/1526	5.00	4.78	4.66	4.81	5.00
9. How would you grade the overall teaching effectiveness	0	0	0	0	2	2	2	4.00	911/1490	4.00	4.25	4.11	4.16	4.00
Lecture														
1. Were the instructor's lectures well prepared	1	0	0	0	0	2	3	4.60	735/1428	4.60	4.61	4.49	4.56	4.60
2. Did the instructor seem interested in the subject	1	0	0	0	0	0	5	5.00	1/1436	5.00	4.85	4.74	4.83	5.00
3. Was lecture material presented and explained clearly	1	0	0	0	1	3	1	4.00	1080/1427	4.00	4.25	4.32	4.36	4.00
4. Did the lectures contribute to what you learned	1	0	0	1	2	1	1	3.40	1327/1425	3.40	4.28	4.34	4.34	3.40
5. Did audiovisual techniques enhance your understanding	1	4	0	0	1	0	0	3.00	****/1291	****	4.27	4.05	3.99	****
Discussion														
1. Did class discussions contribute to what you learned	5	0	0	0	1	0	0	3.00	****/1271	****	4.37	4.16	4.27	****
2. Were all students actively encouraged to participate	5	0	0	0	0	1	0	4.00	****/1276	****	4.47	4.33	4.43	****
3. Did the instructor encourage fair and open discussion	5	0	0	0	0	0	1	5.00	****/1273	****	4.51	4.38	4.52	****

Frequency Distribution

Student Course Evaluation Questionnaires

Course-Section:	PHYS 707 01
Title:	Adv Electromagnetic Thry
Instructor:	Kramer,Ivan

Term - Fall 2010

Enrollment:	7
Questionnaires:	6

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	3	Required for Majors	5	Graduate	4	Major	6
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	0
84-150	0	3.00-3.49	0	D	0						
Grad.	4	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						

Student Course Evaluation Questionnaires

Course-Section:	PHYS 721 01
Title:	Atmos Radiative Transfer
Instructor:	Martins,Jose V

Term - Fall 2010

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	1/1528	5.00	4.55	4.31	4.45	5.00
2. Did the instructor make clear the expected goals	0	0	0	0	0	0	3	5.00	1/1527	5.00	4.41	4.28	4.36	5.00
3. Did the exam questions reflect the expected goals	0	0	0	0	0	1	2	4.67	393/1333	4.67	4.37	4.34	4.39	4.67
4. Did other evaluations reflect the expected goals	0	0	0	0	0	0	3	5.00	1/1495	5.00	4.30	4.25	4.33	5.00
5. Did assigned readings contribute to what you learned	0	0	0	0	1	0	2	4.33	573/1439	4.33	4.26	4.11	4.24	4.33
6. Did written assignments contribute to what you learned	0	1	0	0	0	1	1	4.50	396/1425	4.50	4.33	4.12	4.28	4.50
7. Was the grading system clearly explained	0	0	0	0	0	2	1	4.33	681/1508	4.33	4.36	4.18	4.25	4.33
8. How many times was class cancelled	0	0	0	0	0	1	2	4.67	919/1526	4.67	4.78	4.66	4.81	4.67
9. How would you grade the overall teaching effectiveness	1	0	0	0	0	0	2	5.00	1/1490	5.00	4.25	4.11	4.16	5.00
Lecture														
1. Were the instructor's lectures well prepared	0	0	0	0	0	1	2	4.67	637/1428	4.67	4.61	4.49	4.56	4.67
2. Did the instructor seem interested in the subject	0	0	0	0	0	0	3	5.00	1/1436	5.00	4.85	4.74	4.83	5.00
3. Was lecture material presented and explained clearly	0	0	0	0	0	0	3	5.00	1/1427	5.00	4.25	4.32	4.36	5.00
4. Did the lectures contribute to what you learned	0	0	0	0	0	0	3	5.00	1/1425	5.00	4.28	4.34	4.34	5.00
5. Did audiovisual techniques enhance your understanding	0	0	0	0	1	0	2	4.33	480/1291	4.33	4.27	4.05	3.99	4.33
Discussion														
1. Did class discussions contribute to what you learned	1	0	0	0	0	0	2	5.00	1/1271	5.00	4.37	4.16	4.27	5.00
2. Were all students actively encouraged to participate	1	0	0	0	0	0	2	5.00	1/1276	5.00	4.47	4.33	4.43	5.00
3. Did the instructor encourage fair and open discussion	1	0	0	0	0	0	2	5.00	1/1273	5.00	4.51	4.38	4.52	5.00
4. Were special techniques successful	1	1	0	0	0	0	1	5.00	1/922	5.00	4.12	4.02	4.00	5.00

Student Course Evaluation Questionnaires

Course-Section:	PHYS 721 01
Title:	Atmos Radiative Transfer
Instructor:	Martins,Jose V

Term - Fall 2010

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
Field Work														
1. Did field experience contribute to what you learned	2	0	0	0	0	0	1	5.00	1/42	5.00	5.00	4.00	3.86	5.00
2. Did you clearly understand your evaluation criteria	2	0	0	0	0	1	0	4.00	26/41	4.00	4.00	4.06	4.01	4.00
3. Was the instructor available for consultation	2	0	0	0	0	0	1	5.00	1/30	5.00	5.00	4.74	4.95	5.00
4. To what degree could you discuss your evaluations	2	0	0	0	1	0	0	3.00	30/32	3.00	3.00	4.20	4.42	3.00
5. Did conferences help you carry out field activities	2	0	0	0	0	1	0	4.00	23/29	4.00	4.00	4.34	4.36	4.00

Frequency Distribution

Credits Earned	Cum. GPA	Expected Grades	Reasons	Type	Majors						
00-27	1	0.00-0.99	0	A	2	Required for Majors	2	Graduate	0	Major	0
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	3
84-150	0	3.00-3.49	0	D	0						
Grad.	0	3.50-4.00	0	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 741 01
Title:	Inverse Methods
Instructor:	Warner, Juying X

Term - Fall 2010

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	1/1528	5.00	4.55	4.31	4.45	5.00
2. Did the instructor make clear the expected goals	0	0	0	0	0	0	3	5.00	1/1527	5.00	4.41	4.28	4.36	5.00
3. Did the exam questions reflect the expected goals	0	1	0	0	1	0	1	4.00	1003/1333	4.00	4.37	4.34	4.39	4.00
4. Did other evaluations reflect the expected goals	1	0	0	0	1	0	1	4.00	1047/1495	4.00	4.30	4.25	4.33	4.00
5. Did assigned readings contribute to what you learned	0	0	0	0	1	1	1	4.00	851/1439	4.00	4.26	4.11	4.24	4.00
6. Did written assignments contribute to what you learned	0	1	0	0	0	1	1	4.50	396/1425	4.50	4.33	4.12	4.28	4.50
7. Was the grading system clearly explained	0	0	0	0	1	0	2	4.33	681/1508	4.33	4.36	4.18	4.25	4.33
8. How many times was class cancelled	0	0	0	0	0	2	1	4.33	1216/1526	4.33	4.78	4.66	4.81	4.33
9. How would you grade the overall teaching effectiveness	1	0	0	0	0	2	0	4.00	911/1490	4.25	4.25	4.11	4.16	4.25
Lecture														
1. Were the instructor's lectures well prepared	0	0	0	0	0	0	3	5.00	1/1428	5.00	4.61	4.49	4.56	5.00
2. Did the instructor seem interested in the subject	0	0	0	0	0	1	2	4.67	1043/1436	4.83	4.85	4.74	4.83	4.83
3. Was lecture material presented and explained clearly	0	0	0	0	0	3	0	4.00	1080/1427	4.50	4.25	4.32	4.36	4.50
4. Did the lectures contribute to what you learned	0	0	0	0	1	1	1	4.00	1076/1425	4.50	4.28	4.34	4.34	4.50
5. Did audiovisual techniques enhance your understanding	0	0	0	0	1	1	1	4.00	728/1291	4.50	4.27	4.05	3.99	4.50
Discussion														
1. Did class discussions contribute to what you learned	1	0	0	0	0	0	2	5.00	1/1271	5.00	4.37	4.16	4.27	5.00
2. Were all students actively encouraged to participate	0	0	0	0	0	1	2	4.67	439/1276	4.67	4.47	4.33	4.43	4.67
3. Did the instructor encourage fair and open discussion	1	0	0	0	0	0	2	5.00	1/1273	5.00	4.51	4.38	4.52	5.00

Frequency Distribution

Student Course Evaluation Questionnaires

Course-Section: PHYS 741 01	Term - Fall 2010	Enrollment: 3
Title: Inverse Methods		Questionnaires: 3
Instructor: Warner, Juying X		

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	1	Required for Majors	0	Graduate	2	Major	0
28-55	0	1.00-1.99	0	B	0						
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						
Grad.	2	3.50-4.00	1	F	0	Electives	2	**** - Means there are not enough responses to be significant			
				P	0						
				I	0	Other	0				
				?	1						

Student Course Evaluation Questionnaires

Course-Section:	PHYS 741 01
Title:	Inverse Methods
Instructor:	Maddy, Eric S

Term - Fall 2010

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	1/1528	5.00	4.55	4.31	4.45	5.00
2. Did the instructor make clear the expected goals	0	0	0	0	0	0	3	5.00	1/1527	5.00	4.41	4.28	4.36	5.00
3. Did the exam questions reflect the expected goals	0	1	0	0	1	0	1	4.00	1003/1333	4.00	4.37	4.34	4.39	4.00
4. Did other evaluations reflect the expected goals	1	0	0	0	1	0	1	4.00	1047/1495	4.00	4.30	4.25	4.33	4.00
5. Did assigned readings contribute to what you learned	0	0	0	0	1	1	1	4.00	851/1439	4.00	4.26	4.11	4.24	4.00
6. Did written assignments contribute to what you learned	0	1	0	0	0	1	1	4.50	396/1425	4.50	4.33	4.12	4.28	4.50
7. Was the grading system clearly explained	0	0	0	0	1	0	2	4.33	681/1508	4.33	4.36	4.18	4.25	4.33
8. How many times was class cancelled	0	0	0	0	0	2	1	4.33	1216/1526	4.33	4.78	4.66	4.81	4.33
9. How would you grade the overall teaching effectiveness	1	0	0	0	0	1	1	4.50	344/1490	4.25	4.25	4.11	4.16	4.25
Lecture														
1. Were the instructor's lectures well prepared	1	0	0	0	0	0	2	5.00	1/1428	5.00	4.61	4.49	4.56	5.00
2. Did the instructor seem interested in the subject	1	0	0	0	0	0	2	5.00	1/1436	4.83	4.85	4.74	4.83	4.83
3. Was lecture material presented and explained clearly	1	0	0	0	0	0	2	5.00	1/1427	4.50	4.25	4.32	4.36	4.50
4. Did the lectures contribute to what you learned	1	0	0	0	0	0	2	5.00	1/1425	4.50	4.28	4.34	4.34	4.50
5. Did audiovisual techniques enhance your understanding	1	0	0	0	0	0	2	5.00	1/1291	4.50	4.27	4.05	3.99	4.50
Discussion														
1. Did class discussions contribute to what you learned	1	0	0	0	0	0	2	5.00	1/1271	5.00	4.37	4.16	4.27	5.00
2. Were all students actively encouraged to participate	0	0	0	0	0	1	2	4.67	439/1276	4.67	4.47	4.33	4.43	4.67
3. Did the instructor encourage fair and open discussion	1	0	0	0	0	0	2	5.00	1/1273	5.00	4.51	4.38	4.52	5.00

Frequency Distribution

Student Course Evaluation Questionnaires

Course-Section: PHYS 741 01	Term - Fall 2010	Enrollment: 3
Title: Inverse Methods		Questionnaires: 3
Instructor: Maddy, Eric S		

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	1	Required for Majors	0	Graduate	2	Major	0
28-55	0	1.00-1.99	0	B	0						
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						
Grad.	2	3.50-4.00	1	F	0	Electives	2	**** - Means there are not enough responses to be significant			
				P	0						
				I	0	Other	0				
				?	1						

Student Course Evaluation Questionnaires

Course-Section:	PHYS 898 01
Title:	Pre Candidacy Doc Rsch
Instructor:	George,Ian M

Term - Fall 2010

Enrollment:	1
Questionnaires:	1

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	1	5.00	1/1528	4.93	4.55	4.31	4.45	5.00
2. Did the instructor make clear the expected goals	0	0	0	0	0	0	1	5.00	1/1527	4.80	4.41	4.28	4.36	5.00
3. Did the exam questions reflect the expected goals	0	0	0	0	0	0	1	5.00	1/1333	5.00	4.37	4.34	4.39	5.00
4. Did other evaluations reflect the expected goals	0	0	0	0	0	0	1	5.00	1/1495	4.75	4.30	4.25	4.33	5.00
5. Did assigned readings contribute to what you learned	0	0	0	0	0	0	1	5.00	1/1439	4.88	4.26	4.11	4.24	5.00
6. Did written assignments contribute to what you learned	0	0	0	0	0	0	1	5.00	1/1425	4.88	4.33	4.12	4.28	5.00
9. How would you grade the overall teaching effectiveness	0	0	0	0	0	0	1	5.00	1/1490	4.75	4.25	4.11	4.16	5.00

Frequency Distribution

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

Student Course Evaluation Questionnaires

Course-Section:	PHYS 898 02
Title:	Pre Candidacy Doc Rsch
Instructor:	Shih,Yan-hua

Term - Fall 2010

Enrollment:	1
Questionnaires:	1

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	1	5.00	1/1528	4.93	4.55	4.31	4.45	5.00
2. Did the instructor make clear the expected goals	0	0	0	0	0	0	1	5.00	1/1527	4.80	4.41	4.28	4.36	5.00
4. Did other evaluations reflect the expected goals	0	0	0	0	0	0	1	5.00	1/1495	4.75	4.30	4.25	4.33	5.00
5. Did assigned readings contribute to what you learned	0	0	0	0	0	0	1	5.00	1/1439	4.88	4.26	4.11	4.24	5.00
6. Did written assignments contribute to what you learned	0	0	0	0	0	0	1	5.00	1/1425	4.88	4.33	4.12	4.28	5.00
7. Was the grading system clearly explained	0	0	0	0	0	0	1	5.00	1/1508	5.00	4.36	4.18	4.25	5.00
8. How many times was class cancelled	0	0	0	0	0	0	1	5.00	1/1526	5.00	4.78	4.66	4.81	5.00
9. How would you grade the overall teaching effectiveness	0	0	0	0	0	0	1	5.00	1/1490	4.75	4.25	4.11	4.16	5.00
Lecture														
1. Were the instructor's lectures well prepared	0	0	0	0	0	0	1	5.00	1/1428	5.00	4.61	4.49	4.56	5.00
2. Did the instructor seem interested in the subject	0	0	0	0	0	0	1	5.00	1/1436	5.00	4.85	4.74	4.83	5.00
3. Was lecture material presented and explained clearly	0	0	0	0	0	0	1	5.00	1/1427	5.00	4.25	4.32	4.36	5.00
4. Did the lectures contribute to what you learned	0	0	0	0	0	0	1	5.00	1/1425	5.00	4.28	4.34	4.34	5.00
5. Did audiovisual techniques enhance your understanding	0	0	0	0	1	0	0	3.00	1194/1291	3.00	4.27	4.05	3.99	3.00
Discussion														
1. Did class discussions contribute to what you learned	0	0	0	0	0	0	1	5.00	1/1271	5.00	4.37	4.16	4.27	5.00
2. Were all students actively encouraged to participate	0	0	0	0	0	0	1	5.00	1/1276	5.00	4.47	4.33	4.43	5.00
3. Did the instructor encourage fair and open discussion	0	0	0	0	0	0	1	5.00	1/1273	5.00	4.51	4.38	4.52	5.00
4. Were special techniques successful	0	0	0	0	0	0	1	5.00	1/922	5.00	4.12	4.02	4.00	5.00
Laboratory														
1. Did the lab increase understanding of the material	0	0	0	0	0	0	1	5.00	1/198	5.00	4.31	4.16	4.54	5.00

Student Course Evaluation Questionnaires

Course-Section:	PHYS 898 02
Title:	Pre Candidacy Doc Rsch
Instructor:	Shih,Yan-hua

Term - Fall 2010

Enrollment:	1
Questionnaires:	1

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	0	0	0	0	0	0	1	5.00	1/208	5.00	4.37	4.27	4.40	5.00
3. Were necessary materials available for lab activities	0	0	0	0	0	0	1	5.00	1/194	5.00	4.63	4.56	4.58	5.00
4. Did the lab instructor provide assistance	0	0	0	0	0	0	1	5.00	1/194	5.00	4.63	4.37	4.64	5.00
5. Were requirements for lab reports clearly specified	0	0	0	0	0	0	1	5.00	1/176	5.00	4.40	4.23	4.66	5.00

Frequency Distribution

Credits Earned	Cum. GPA	Expected Grades	Reasons	Type	Majors						
00-27	0	0.00-0.99	0	A	1	Required for Majors	1	Graduate	1	Major	1
28-55	0	1.00-1.99	0	B	0						
56-83	0	2.00-2.99	0	C	0	General	0	Under-grad	0	Non-major	0
84-150	0	3.00-3.49	0	D	0						
Grad.	1	3.50-4.00	1	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 898 08
Title:	Pre Candidacy Doc Rsch
Instructor:	Martins,Jose V

Term - Fall 2010

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	1	2	4.67	434/1528	4.93	4.55	4.31	4.45	4.67
2. Did the instructor make clear the expected goals	0	0	0	0	1	1	1	4.00	1113/1527	4.80	4.41	4.28	4.36	4.00
4. Did other evaluations reflect the expected goals	0	0	0	0	1	1	1	4.00	1047/1495	4.75	4.30	4.25	4.33	4.00
5. Did assigned readings contribute to what you learned	1	0	0	0	0	1	1	4.50	367/1439	4.88	4.26	4.11	4.24	4.50
6. Did written assignments contribute to what you learned	1	0	0	0	0	1	1	4.50	396/1425	4.88	4.33	4.12	4.28	4.50
7. Was the grading system clearly explained	1	1	0	0	0	0	1	5.00	1/1508	5.00	4.36	4.18	4.25	5.00
8. How many times was class cancelled	1	0	0	0	0	0	2	5.00	1/1526	5.00	4.78	4.66	4.81	5.00
9. How would you grade the overall teaching effectiveness	1	0	0	0	0	0	2	5.00	1/1490	4.75	4.25	4.11	4.16	5.00
Lecture														
2. Did the instructor seem interested in the subject	2	0	0	0	0	0	1	5.00	1/1436	5.00	4.85	4.74	4.83	5.00
Self Paced														
1. Did self-paced system contribute to what you learned	1	0	0	0	0	1	1	4.50	25/43	4.75	4.83	4.43	4.43	4.50
2. Did study questions make clear the expected goal	1	0	0	0	0	1	1	4.50	17/31	4.50	4.50	4.53	4.67	4.50
3. Were your contacts with the instructor helpful	1	0	0	0	0	0	2	5.00	1/36	5.00	5.00	4.43	4.54	5.00
4. Was the feedback/tutoring by proctors helpful	1	0	0	0	0	1	1	4.50	14/21	4.50	4.75	4.54	4.68	4.50
5. Were there enough proctors for all the students	1	1	0	0	0	0	1	5.00	1/20	5.00	5.00	4.45	4.64	5.00

Frequency Distribution

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

Student Course Evaluation Questionnaires

Course-Section: PHYS 898 08	Term - Fall 2010	Enrollment: 3
Title: Pre Candidacy Doc Rsch		Questionnaires: 3
Instructor: Martins,Jose V		

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	0	3.00-3.49	0	D	0										
Grad.	3	3.50-4.00	1	F	0	Electives					0				
				P	2						**** - Means there are not enough responses to be significant				
				I	0	Other					0				
				?	1										

Student Course Evaluation Questionnaires

Course-Section:	PHYS 898 13
Title:	Pre Candidacy Doc Rsch
Instructor:	Hoff,Raymond M

Term - Fall 2010

Enrollment:	3
Questionnaires:	2

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	2	5.00	1/1528	4.93	4.55	4.31	4.45	5.00
2. Did the instructor make clear the expected goals	0	0	0	0	0	0	2	5.00	1/1527	4.80	4.41	4.28	4.36	5.00
3. Did the exam questions reflect the expected goals	0	1	0	0	0	0	1	5.00	1/1333	5.00	4.37	4.34	4.39	5.00
4. Did other evaluations reflect the expected goals	0	1	0	0	0	0	1	5.00	1/1495	4.75	4.30	4.25	4.33	5.00
5. Did assigned readings contribute to what you learned	0	0	0	0	0	0	2	5.00	1/1439	4.88	4.26	4.11	4.24	5.00
6. Did written assignments contribute to what you learned	0	1	0	0	0	0	1	5.00	1/1425	4.88	4.33	4.12	4.28	5.00
7. Was the grading system clearly explained	0	1	0	0	0	0	1	5.00	1/1508	5.00	4.36	4.18	4.25	5.00
8. How many times was class cancelled	0	0	0	0	0	0	2	5.00	1/1526	5.00	4.78	4.66	4.81	5.00
9. How would you grade the overall teaching effectiveness	1	0	0	0	0	1	0	4.00	911/1490	4.75	4.25	4.11	4.16	4.00
Discussion														
1. Did class discussions contribute to what you learned	0	0	0	0	0	0	2	5.00	1/1271	5.00	4.37	4.16	4.27	5.00
2. Were all students actively encouraged to participate	0	0	0	0	0	0	2	5.00	1/1276	5.00	4.47	4.33	4.43	5.00
3. Did the instructor encourage fair and open discussion	0	0	0	0	0	0	2	5.00	1/1273	5.00	4.51	4.38	4.52	5.00
4. Were special techniques successful	0	1	0	0	0	0	1	5.00	1/922	5.00	4.12	4.02	4.00	5.00
Self Paced														
1. Did self-paced system contribute to what you learned	1	0	0	0	0	0	1	5.00	1/43	4.75	4.83	4.43	4.43	5.00
3. Were your contacts with the instructor helpful	1	0	0	0	0	0	1	5.00	1/36	5.00	5.00	4.43	4.54	5.00

Frequency Distribution

Credits Earned	Cum. GPA	Expected Grades	Reasons	Type	Majors						
00-27	0	0.00-0.99	0	A	1	Required for Majors	2	Graduate	1	Major	0
28-55	0	1.00-1.99	0	B	0						

Student Course Evaluation Questionnaires

Course-Section: PHYS 898 13	Term - Fall 2010	Enrollment: 3
Title: Pre Candidacy Doc Rsch		Questionnaires: 2
Instructor: Hoff, Raymond M		

Questions	NR	NA	Frequencies					Instructor		Course	Org	UMBC	Level	Sect	
			1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean	
Self Paced															
56-83	0	2.00-2.99	0	C	0	General			0	Under-grad	1	Non-major			2
84-150	0	3.00-3.49	0	D	0										
Grad.	1	3.50-4.00	1	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 898 24
Title:	Pre Candidacy Doc Rsch
Instructor:	Turner,Tracey J

Term - Fall 2010

Enrollment:	1
Questionnaires:	1

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	1	5.00	1/1528	4.93	4.55	4.31	4.45	5.00
2. Did the instructor make clear the expected goals	0	0	0	0	0	0	1	5.00	1/1527	4.80	4.41	4.28	4.36	5.00
8. How many times was class cancelled	0	0	0	0	0	0	1	5.00	1/1526	5.00	4.78	4.66	4.81	5.00

Frequency Distribution

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