### Student Course Evaluation Questionnaire

Questions	NR	NA	Fre 1	equer 2	ncies 3	5 4	5	Inst Mean	ructor Rank	Course Mean	Dept Mean	UMBC Mean	Level Mean	Sect Mean
Quescions						ч 				Mean				
General														
1. Did you gain new insights, skills from this course	0	0	0	1	0	1	16	4.78	268/1481	4.78	4.34	4.29	4.29	4.78
2. Did the instructor make clear the expected goals	0	0	0	0	1	1	16	4.83	162/1481	4.83	4.26	4.23	4.23	4.83
3. Did the exam questions reflect the expected goals	0	15	0	0	0	0	3	5.00	****/1249	* * * *	4.20	4.27	4.28	* * * *
4. Did other evaluations reflect the expected goals	0	0	0	0	0	0	18	5.00	1/1424	5.00	4.37	4.21	4.27	5.00
5. Did assigned readings contribute to what you learned	0	0	0	0	0	3	15	4.83	102/1396	4.83	4.09	3.98	4.00	4.83
6. Did written assignments contribute to what you learned	0	0	0	0	1	1	16	4.83	104/1342	4.83	4.22	4.07	4.12	4.83
7. Was the grading system clearly explained	0	0	0	0	0	0	18	5.00	1/1459	5.00	4.30	4.16	4.17	5.00
8. How many times was class cancelled	0	0	0	0	0	0	18	5.00	1/1480	5.00	4.72	4.68	4.65	5.00
9. How would you grade the overall teaching effectiveness	2	0	0	0	1	2	13	4.75	164/1450	4.75	4.11	4.09	4.10	4.75
Lecture														
1. Were the instructor's lectures well prepared	2	0	0	0	0	0	15	5.00	1/1409	5.00	4.46	4.42	4.43	5.00
2. Did the instructor seem interested in the subject	3	0	0	0	0	0	15	5.00	1/1409	5.00	4.40	4.69	4.43	5.00
3. Was lecture material presented and explained clearly	3	0	0	0	0	1	14	4.93	90/1399	4.93	4.39	4.09	4.27	4.93
4. Did the lectures contribute to what you learned	3	0	0	0	0	0	15	5.00	1/1400	5.00	4.29	4.20	4.28	5.00
5. Did audiovisual techniques enhance your understanding	3	0	0	0	2	4	15 9	4.47	291/1179	4.47	3.92		4.02	4.47
5. Did additivistal techniques enhance your understanding	2	0	0	0	2	т	9	4.4/	291/11/9	4.4/	3.92	3.90	4.02	4.4/
Discussion														
1. Did class discussions contribute to what you learned	б	0	0	0	0	0	12	5.00	1/1262	5.00	4.41	4.05	4.14	5.00
2. Were all students actively encouraged to participate	б	0	0	0	0	0	12	5.00	1/1259	5.00	4.59	4.29	4.34	5.00
3. Did the instructor encourage fair and open discussion	б	0	0	0	0	0	12	5.00	1/1256	5.00	4.53	4.30	4.34	5.00
4. Were special techniques successful	б	1	0	0	0	2	9	4.82	87/ 788	4.82	4.30	4.00	4.07	4.82
Field Work														
1. Did field experience contribute to what you learned	16	0	0	0	0	0	2	5.00	****/ 59	* * * *	4.44	4.30	4.48	* * * *
2. Did you clearly understand your evaluation criteria	16	0	0	0	0	0	2	5.00	****/ 51	* * * *	4.22	4.00	4.13	* * * *
3. Was the instructor available for consultation	16	0	0	0	0	0	2		****/ 36	* * * *	4.42	4.60	4.33	* * * *
4. To what degree could you discuss your evaluations	16	0	0	0	0	0	2		****/ 41	* * * *	4.19	4.26	3.90	* * * *
5. Did conferences help you carry out field activities	16	0	0	0	0	0	2		****/ 31	* * * *	4.21	4.42	4.00	* * * *
5. Six confictioned help for early out field detivities	70	Ū	Ŭ	U	U	Ŭ	-	5.00	, 51		1.21	1.12	1.00	

Credits H	edits Earned Cum. GPA			Expected G	rades Reas	ons	Туре		Majors	
00-27	0	0.00-0.99	0	A 12	Required for	Majors 0	Graduate	0	Major	0
28-55	0	1.00-1.99	0	В 2						
56-83	3	2.00-2.99	1	C 1	General	0	Under-grad	18	Non-major	2
84-150	7	3.00-3.49	9	D 0						
Grad.	0	3.50-4.00	5	F 0	Electives	0	#### - Means	there	are not enough	
				P 0			responses to	be sig	gnificant	
				I 0	Other	17	-			
				? 1						

#### Student Course Evaluation Questionnaire

Frequencies Instructor Course Dept UMBC Le	evel Sect
Questions NR NA 1 2 3 4 5 Mean Rank Mean Mean Mean M	lean Mean
General 1. Did you gain new insights,skills from this course 0 0 0 2 4 6 12 4.17 947/1481 4.51 4.34 4.29 4	1.29 4.17
	4.29 4.17
	1.23 4.00
	1.27 4.35
	1.00 3.27
	1.12 3.83
	1.12 3.83 1.17 3.87
	4.65 4.61
	4.10 4.00
5. Now would you grade the overall teaching effectiveness 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	.10 4.00
Lecture	
1. Were the instructor's lectures well prepared 0 0 2 2 4 7 9 3.79 1240/1409 4.23 4.46 4.42	1.43 3.79
2. Did the instructor seem interested in the subject 0 0 0 0 1 3 20 4.79 747/1407 4.90 4.79 4.69	1.67 4.79
3. Was lecture material presented and explained clearly 0 0 0 3 6 4 11 3.96 1049/1399 4.48 4.39 4.26	1.27 3.96
4. Did the lectures contribute to what you learned 0 0 3 1 5 4 11 3.79 1125/1400 4.31 4.29 4.27	1.28 3.79
5. Did audiovisual techniques enhance your understanding 1 5 3 1 1 6 7 3.72 813/1179 3.53 3.92 3.96	1.02 3.72
Discussion	
	4.14 4.39
	1.34 4.67
	1.34 4.67
4. Were special techniques successful 6 2 1 0 5 3 7 3.94 459/ 788 4.47 4.30 4.00 4	1.07 3.94
Seminar	
	1.70 ****
	1.66 ****
	1.56 ****
	1.48 ****
	1.43 ****
5. Were criteria for grading made crear 19 0 0 0 2 5 4.60 ****/ 68 **** 4.55 5.92	
Field Work	
1. Did field experience contribute to what you learned 14 0 0 2 0 1 7 4.30 36/ 59 4.65 4.44 4.30 4	1.48 4.30
	1.13 4.11
	1.33 ****
	3.90 3.43
	1.00 4.17
Self Paced	
1. Did self-paced system contribute to what you learned 23 0 0 0 1 0 0 3.00 ****/ 55 **** 5.00 4.55 4	1.88 ****
3. Were your contacts with the instructor helpful 23 0 0 1 0 0 2.00 ****/ 51 **** 5.00 4.65 4	1.88 ****

Credits Ea	Credits Earned Cum. GPA			Expecte	d Grades	Reasons		Туре		Majors	
00-27	0	0.00-0.99	1	A	21	Required for Majors	0	Graduate	0	Major	0
28-55	7	1.00-1.99	0	В	2						
56-83	7	2.00-2.99	2	С	0	General	1	Under-grad	24	Non-major	0
84-150	2	3.00-3.49	3	D	0						
Grad.	0	3.50-4.00	5	F	0	Electives	1	#### - Means	there	are not enough	L
				P	0			responses to	be sig	gnificant	
				I	0	Other	22				
				?	0						

### Student Course Evaluation Questionnaire

	Frequencies						Inst	ructor	Course	Dept	UMBC	Level	Sect	
Questions	NR	NA	1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
General														
1. Did you gain new insights, skills from this course	0	0	0	0	0	1	6	4.86	196/1481	4.51	4.34	4.29	4.29	4.86
2. Did the instructor make clear the expected goals	0	0	0	0	0	1	б	4.86	149/1481	4.43	4.26	4.23	4.23	4.86
3. Did the exam questions reflect the expected goals	0	5	0	0	0	0	2	5.00	1/1249	5.00	4.20	4.27	4.28	5.00
4. Did other evaluations reflect the expected goals	0	0	0	0	0	1	б	4.86	157/1424	4.60	4.37	4.21	4.27	4.86
5. Did assigned readings contribute to what you learned	0	0	0	0	1	2	4	4.43	363/1396	3.85	4.09	3.98	4.00	4.43
6. Did written assignments contribute to what you learned	0	0	0	0	0	2	5	4.71	153/1342	4.27	4.22	4.07	4.12	4.71
7. Was the grading system clearly explained	0	0	0	0	0	0	7	5.00	1/1459	4.43	4.30	4.16	4.17	5.00
8. How many times was class cancelled	0	0	0	0	1	6	0	3.86	1427/1480	4.23	4.72	4.68	4.65	3.86
9. How would you grade the overall teaching effectiveness	2	0	0	0	0	4	1	4.20	692/1450	4.10	4.11	4.09	4.10	4.20
Lecture														
1. Were the instructor's lectures well prepared	1	0	0	0	0	2	4	4.67	559/1409	4.23	4.46	4.42	4.43	4.67
2. Did the instructor seem interested in the subject	1	0	0	0	0	0	6	5.00	1/1407	4.90	4.79	4.69	4.67	5.00
3. Was lecture material presented and explained clearly	1	0	0	0	0	0	6	5.00	1/1399	4.48	4.39	4.26	4.27	5.00
4. Did the lectures contribute to what you learned	1	0	0	0	0	1	5	4.83	218/1400	4.31	4.29	4.27	4.28	4.83
5. Did audiovisual techniques enhance your understanding	1	3	1	0	0	1	1	3.33	972/1179	3.53	3.92	3.96	4.02	3.33
Discussion														
1. Did class discussions contribute to what you learned	4	0	0	0	0	0	3	5.00	1/1262	4.69	4.41	4.05	4.14	5.00
2. Were all students actively encouraged to participate	5	0	0	0	0	0	2	5.00	1/1252	4.83	4.59	4.29	4.34	5.00
3. Did the instructor encourage fair and open discussion	4	0	0	0	0	0	3	5.00	1/1256	4.83	4.53	4.30	4.34	5.00
4. Were special techniques successful	4	1	0	0	0	0	2	5.00	1/ 788	4.47	4.30	4.00	4.07	5.00
Field Work	-	0	0	0	0	0	~	F 00	1 / 50	4 65		4 20	4 40	F 00
1. Did field experience contribute to what you learned	1	0	0	0	0	0	6	5.00	1/ 59	4.65	4.44	4.30	4.48	5.00
2. Did you clearly understand your evaluation criteria	1	0	0	0	0	0	6	5.00	1/ 51	4.56	4.22	4.00	4.13	5.00
3. Was the instructor available for consultation	1	2	0	0	0	0	4	5.00	1/ 36	5.00	4.42	4.60	4.33	5.00
4. To what degree could you discuss your evaluations	1	2	0	0	0	1	3	4.75	18/ 41	4.09	4.19	4.26	3.90	4.75
5. Did conferences help you carry out field activities	1	4	0	0	0	0	2	5.00	1/ 31	4.58	4.21	4.42	4.00	5.00

Credits E	edits Earned Cum. GPA			Expected	Grades	Reasons		Туре		Majors	
00-27	0	0.00-0.99	0	 A	5	Required for Majors	0	Graduate	0	Major	0
28-55	3	1.00-1.99	0	В	2						
56-83	2	2.00-2.99	3	С	0	General	1	Under-grad	7	Non-major	1
84-150	0	3.00-3.49	1	D	0						
Grad.	0	3.50-4.00	0	F	0	Electives	1	#### - Means	there	are not enough	
				P	0			responses to	be sig	nificant	
				I	0	Other	4	-			
				?	0						

### Student Course Evaluation Questionnaire

		Frequencies						Inst	ructor	Course	Dept	UMBC	Level	Sect
Questions	NR	NA	1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
General														
1. Did you gain new insights,skills from this course	0	0	0	0	2	11	6	4.21	896/1481	4.22	4.34	4.29	4.29	4.21
2. Did the instructor make clear the expected goals	0	0	0	1	3	6	9	4.21	865/1481	4.57	4.26	4.23	4.23	4.21
3. Did the exam questions reflect the expected goals	0	0	0	0	5	2	12	4.37	655/1249	4.60	4.20	4.27	4.28	4.37
4. Did other evaluations reflect the expected goals	0	0	0	0	3	7	9	4.32	671/1424	4.57	4.37	4.21	4.27	4.32
5. Did assigned readings contribute to what you learned	0	0	1	2	5	б	5	3.63	1005/1396	3.89	4.09	3.98	4.00	3.63
6. Did written assignments contribute to what you learned	1	0	0	0	2	9	7	4.28	527/1342	4.29	4.22	4.07	4.12	4.28
7. Was the grading system clearly explained	0	0	0	1	2	2	14	4.53	436/1459	4.72	4.30	4.16	4.17	4.53
8. How many times was class cancelled	0	0	0	0	0	5	14	4.74	896/1480	4.62	4.72	4.68	4.65	4.74
9. How would you grade the overall teaching effectiveness	6	0	0	1	1	7	4	4.08	797/1450	4.09	4.11	4.09	4.10	4.08
Lecture														
1. Were the instructor's lectures well prepared	0	0	0	0	0	8	11	4.58	682/1409	4.71	4.46	4.42	4.43	4.58
2. Did the instructor seem interested in the subject	0	0	0	0	2	4	13	4.58	1053/1407	4.79	4.79	4.69	4.67	4.58
3. Was lecture material presented and explained clearly	0	0	0	1	2	4	12	4.42	659/1399	4.67	4.39	4.26	4.27	4.42
4. Did the lectures contribute to what you learned	0	0	0	0	1	7	11	4.53	571/1400	4.55	4.29	4.27	4.28	4.53
5. Did audiovisual techniques enhance your understanding	0	0	0	1	3	5	10	4.26	434/1179	4.17	3.92	3.96	4.02	4.26
Discussion														
1. Did class discussions contribute to what you learned	7	0	0	0	1	6	5	4.33	507/1262	4.44	4.41	4.05	4.14	4.33
2. Were all students actively encouraged to participate	7	0	Ő	0	1	4	7	4.50	588/1259		4.59	4.29	4.34	4.50
3. Did the instructor encourage fair and open discussion	7	0	Ő	0	1	3	8	4.58	527/1256		4.53	4.30	4.34	4.58
4. Were special techniques successful	8	0	0	0	0	4	7	4.64	142/ 788		4.30	4.00	4.07	4.64

Credits Ea	Credits Earned Cum. GPA		L L	Expected	d Grades	Reasons		Туре		Majors	
00-27	0	0.00-0.99	0	 А	14	Required for Majors	0	Graduate	1	Major	0
28-55	б	1.00-1.99	0	В	4						
56-83	3	2.00-2.99	5	C	0	General	0	Under-grad	18	Non-major	4
84-150	2	3.00-3.49	2	D	0						
Grad.	1	3.50-4.00	5	F	0	Electives	0	#### - Means	there	are not enough	L
				P	0			responses to	be sig	gnificant	
				I	0	Other	19				
				?	0						

### Student Course Evaluation Questionnaire

		Frequencies						Inst	ructor	Course	Dept	UMBC	Level	Sect
Questions	NR	NA	1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
General														
1. Did you gain new insights,skills from this course	0	0	0	0	3	4	6	4.23	870/1481	4.22	4.34	4.29	4.29	4.23
2. Did the instructor make clear the expected goals	0	0	0	0	0	1	12	4.92	92/1481	4.57	4.26	4.23	4.23	4.92
3. Did the exam questions reflect the expected goals	1	0	0	0	1	0	11	4.83	184/1249	4.60	4.20	4.27	4.28	4.83
4. Did other evaluations reflect the expected goals	1	0	0	0	0	2	10	4.83	165/1424	4.57	4.37	4.21	4.27	4.83
5. Did assigned readings contribute to what you learned	0	0	0	1	2	4	6	4.15	594/1396	3.89	4.09	3.98	4.00	4.15
6. Did written assignments contribute to what you learned	0	0	0	0	3	3	7	4.31	504/1342	4.29	4.22	4.07	4.12	4.31
7. Was the grading system clearly explained	1	0	0	0	0	1	11	4.92	91/1459	4.72	4.30	4.16	4.17	4.92
8. How many times was class cancelled	1	0	0	0	0	6	6	4.50	1044/1480	4.62	4.72	4.68	4.65	4.50
9. How would you grade the overall teaching effectiveness	3	0	0	0	2	5	3	4.10	781/1450	4.09	4.11	4.09	4.10	4.10
Lecture														
1. Were the instructor's lectures well prepared	0	0	0	0	0	2	11	4.85	275/1409	4.71	4.46	4.42	4.43	4.85
2. Did the instructor seem interested in the subject	1	0	0	0	0	0	12	5.00	1/1407	4.79	4.79	4.69	4.67	5.00
3. Was lecture material presented and explained clearly	2	0	0	0	0	1	10	4.91	129/1399	4.67	4.39	4.26	4.27	4.91
4. Did the lectures contribute to what you learned	1	0	0	0	1	3	8	4.58	511/1400	4.55	4.29	4.27	4.28	4.58
5. Did audiovisual techniques enhance your understanding	1	0	2	0	1	1	8	4.08	563/1179	4.17	3.92	3.96	4.02	4.08
Discussion														
1. Did class discussions contribute to what you learned	2	0	0	0	1	3	7	4.55	325/1262	4.44	4.41	4.05	4.14	4.55
2. Were all students actively encouraged to participate	3	0	0	Ő	0	0	10	5.00	1/1259	4.75	4.59	4.29	4.34	5.00
3. Did the instructor encourage fair and open discussion	3	0	0	0	0	0	10	5.00	1/1256		4.53	4.30	4.34	5.00
4. Were special techniques successful	3	1	0	0	1	1	7	4.67	133/ 788		4.30	4.00	4.07	4.67

Credits Ea	Credits Earned Cum.		L	Expecte	d Grades	Reasons		Туре		Majors	
00-27	2	0.00-0.99	1	 А	10	Required for Majors	0	Graduate	0	Major	0
28-55	3	1.00-1.99	0	В	1						
56-83	1	2.00-2.99	1	С	0	General	1	Under-grad	13	Non-major	0
84-150	2	3.00-3.49	2	D	0						
Grad.	0	3.50-4.00	4	F	0	Electives	0	#### - Means	there	are not enough	
				P	0			responses to	be sig	gnificant	
				I	0	Other	10				
				?	0						

### Student Course Evaluation Questionnaire

		Frequencies						Inst	ructor	Course	Dept	UMBC	Level	Sect
Questions	NR	NA	1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
General														
1. Did you gain new insights,skills from this course	3	0	0	2	1	5	6	4.07	1024/1481	4.37	4.34	4.29	4.29	4.07
2. Did the instructor make clear the expected goals	3	0	0	0	3	5	6	4.21	865/1481	4.54	4.26	4.23	4.23	4.21
3. Did the exam questions reflect the expected goals	5	7	0	0	1	0	4	4.60	405/1249	4.72	4.20	4.27	4.28	4.60
4. Did other evaluations reflect the expected goals	3	0	0	0	2	4	8	4.43	533/1424	4.65	4.37	4.21	4.27	4.43
5. Did assigned readings contribute to what you learned	2	1	1	3	4	0	6	3.50	1083/1396	3.82	4.09	3.98	4.00	3.50
6. Did written assignments contribute to what you learned	3	0	0	1	1	5	7	4.29	519/1342	4.41	4.22	4.07	4.12	4.29
7. Was the grading system clearly explained	2	0	0	1	1	4	9	4.40	611/1459	4.67	4.30	4.16	4.17	4.40
8. How many times was class cancelled	2	0	0	0	0	6	9	4.60	997/1480	4.50	4.72	4.68	4.65	4.60
9. How would you grade the overall teaching effectiveness	5	0	0	0	3	б	3	4.00	836/1450	4.45	4.11	4.09	4.10	4.00
Lecture														
1. Were the instructor's lectures well prepared	4	0	0	1	0	5	7	4.38	913/1409	4.65	4.46	4.42	4.43	4.38
2. Did the instructor seem interested in the subject	4	0	0	0	0	1	12	4.92	400/1407	4.92	4.79	4.69	4.67	4.92
3. Was lecture material presented and explained clearly	4	0	0	0	0	4	9	4.69	335/1399	4.81	4.39	4.26	4.27	4.69
4. Did the lectures contribute to what you learned	4	0	0	1	0	5	7	4.38	729/1400	4.62	4.29	4.27	4.28	4.38
5. Did audiovisual techniques enhance your understanding	4	0	1	0	1	2	9	4.38	352/1179	4.41	3.92	3.96	4.02	4.38
Discussion														
1. Did class discussions contribute to what you learned	7	0	1	1	1	З	4	3.80	862/1262	4.26	4.41	4.05	4.14	3.80
2. Were all students actively encouraged to participate	, 7	0	0	0	1	2	7	4.60	509/1259		4.59	4.29	4.34	4.60
3. Did the instructor encourage fair and open discussion	7	0	1	0	1	1	, 7	4.30	742/1256		4.53	4.30	4.34	4.30
4. Were special techniques successful	7	2	Ō	0	2	1	5	4.38	233/ 788		4.30	4.00	4.07	4.38

Credits Ea	Credits Earned Cum. GPA		L L	Expected	d Grades	Reasons		Туре		Majors	
00-27	0	0.00-0.99	0	А А	15	Required for Majors	0	Graduate	0	Major	0
28-55	3	1.00-1.99	0	В	0						
56-83	б	2.00-2.99	1	С	0	General	0	Under-grad	17	Non-major	2
84-150	1	3.00-3.49	4	D	0						
Grad.	0	3.50-4.00	7	F	0	Electives	0	#### - Means	there	are not enough	L
				P	0			responses to	be sig	gnificant	
				I	0	Other	15				
				?	0						

# Student Course Evaluation Questionnaire

			Fre	equer	ncies	5		Inst	ructor	Course	Dept	UMBC	Level	Sect
Questions	NR	NA	1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
General														
1. Did you gain new insights,skills from this course	0	0	0	0	1	3	11	4.67	395/1481	4.37	4.34	4.29	4.29	4.67
2. Did the instructor make clear the expected goals	0	0	0	0	0	2	13	4.87	142/1481	4.54	4.26	4.23	4.23	4.87
3. Did the exam questions reflect the expected goals	0	9	0	0	0	1	5	4.83	184/1249	4.72	4.20	4.27	4.28	4.83
4. Did other evaluations reflect the expected goals	0	0	0	0	1	0	14	4.87	152/1424	4.65	4.37	4.21	4.27	4.87
5. Did assigned readings contribute to what you learned	0	0	0	0	4	5	б	4.13	613/1396	3.82	4.09	3.98	4.00	4.13
6. Did written assignments contribute to what you learned	0	0	0	1	0	4	10	4.53	283/1342	4.41	4.22	4.07	4.12	4.53
7. Was the grading system clearly explained	0	0	0	0	0	1	14	4.93	71/1459	4.67	4.30	4.16	4.17	4.93
8. How many times was class cancelled	0	0	0	0	0	9	6	4.40	1114/1480	4.50	4.72	4.68	4.65	4.40
9. How would you grade the overall teaching effectiveness	4	0	0	0	0	1	10	4.91	99/1450	4.45	4.11	4.09	4.10	4.91
Lecture														
1. Were the instructor's lectures well prepared	2	0	0	0	0	1	12	4.92	150/1409	4.65	4.46	4.42	4.43	4.92
2. Did the instructor seem interested in the subject	2	0	0	0	0	1	12	4.92	400/1407	4.92	4.79	4.69	4.67	4.92
3. Was lecture material presented and explained clearly	2	0	0	0	0	1	12	4.92	103/1399	4.81	4.39	4.26	4.27	4.92
4. Did the lectures contribute to what you learned	2	0	0	0	0	2	11	4.85	208/1400	4.62	4.29	4.27	4.28	4.85
5. Did audiovisual techniques enhance your understanding	2	4	0	0	2	1	6	4.44	307/1179	4.41		3.96	4.02	
Discussion														
1. Did class discussions contribute to what you learned	4	0	0	0	1	1	9	4.73	228/1262	4.26	4.41	4.05	4.14	4.73
<ol><li>Were all students actively encouraged to participate</li></ol>	4	0	0	0	0	0	11	5.00	1/1259	4.80	4.59	4.29	4.34	5.00
3. Did the instructor encourage fair and open discussion	4	0	0	0	0	0	11	5.00	1/1256	4.65	4.53	4.30	4.34	5.00
4. Were special techniques successful	4	1	0	0	0	1	9	4.90	78/ 788	4.64	4.30	4.00	4.07	4.90
Field Work														
1. Did field experience contribute to what you learned	14	0	0	0	0	0	1	5.00	****/ 59	* * * *	4.44	4.30	4.48	* * * *
2. Did you clearly understand your evaluation criteria	14	0	0	0	0	0	1	5.00	****/ 51	* * * *	4.22	4.00	4.13	* * * *
4. To what degree could you discuss your evaluations	14	0	0	0	0	1	0	4.00	****/ 41	* * * *	4.19	4.26	3.90	* * * *
5. Did conferences help you carry out field activities	14	0	0	0	0	0	1	5.00	****/ 31	* * * *	4.21	4.42	4.00	* * * *

Credits E	arned	Cum. GPA		Expected	d Grades	Reasons		Туре		Majors	
00-27	1	0.00-0.99	0	A	14	Required for Majors	0	Graduate	1	Major	0
28-55	0	1.00-1.99	0	В	0						
56-83	1	2.00-2.99	0	C	0	General	0	Under-grad	14	Non-major	1
84-150	3	3.00-3.49	3	D	0						
Grad.	1	3.50-4.00	1	F	0	Electives	0	#### - Means	there	are not enough	
				P	0			responses to	be sig	gnificant	
				I	0	Other	13				
				?	0						

### Student Course Evaluation Questionnaire

			Fre	equer	ncies	3		Inst	ructor	Course	Dept	UMBC	Level	Sect
Questions	NR	NA	1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
General														
1. Did you gain new insights,skills from this course	1	0	0	0	0	1	1	4.50	549/1481	4.50	4.34	4.29	4.29	4.50
2. Did the instructor make clear the expected goals	1	0	0	0	1	1	0	3.50	1320/1481	3.50	4.26	4.23	4.23	3.50
3. Did the exam questions reflect the expected goals	1	0	0	0	1	1	0	3.50	1118/1249	3.50	4.20	4.27	4.28	3.50
4. Did other evaluations reflect the expected goals	1	0	0	0	0	1	1	4.50	437/1424	4.50	4.37	4.21	4.27	4.50
5. Did assigned readings contribute to what you learned	1	0	0	0	0	1	1	4.50	297/1396	4.50	4.09	3.98	4.00	4.50
6. Did written assignments contribute to what you learned	1	0	0	0	0	1	1	4.50	303/1342	4.50	4.22	4.07	4.12	4.50
7. Was the grading system clearly explained	1	0	0	0	0	1	1	4.50	460/1459	4.50	4.30	4.16	4.17	4.50
8. How many times was class cancelled	1	0	0	0	0	1	1	4.50	1044/1480	4.50	4.72	4.68	4.65	4.50
9. How would you grade the overall teaching effectiveness	1	0	0	0	0	2	0	4.00	836/1450	4.00	4.11	4.09	4.10	4.00
Lecture														
1. Were the instructor's lectures well prepared	1	0	0	0	0	0	2	5.00	1/1409	5.00	4.46	4.42	4.43	5.00
2. Did the instructor seem interested in the subject	1	0	0	0	0	0	2	5.00	1/1407	5.00	4.79	4.69	4.67	5.00
3. Was lecture material presented and explained clearly	1	0	0	0	0	1	1	4.50	567/1399	4.50	4.39	4.26	4.27	4.50
4. Did the lectures contribute to what you learned	1	0	0	0	0	1	1	4.50	591/1400	4.50	4.29	4.27	4.28	4.50
5. Did audiovisual techniques enhance your understanding	1	0	0	0	1	1	0	3.50	894/1179	3.50	3.92	3.96	4.02	3.50
Discussion														
1. Did class discussions contribute to what you learned	2	0	0	0	0	0	1	5.00	1/1262	5.00	4.41	4.05	4.14	5.00
2. Were all students actively encouraged to participate	2	0	0	0	0	0	1	5.00	1/1259	5.00	4.59	4.29	4.34	5.00
3. Did the instructor encourage fair and open discussion	2	0	0	0	0	0	1	5.00	1/1256	5.00	4.53	4.30	4.34	5.00
4. Were special techniques successful	2	0	0	0	0	1	Ō	4.00	394/ 788	4.00	4.30	4.00	4.07	4.00
	-	•	-	-		-	-							

Credits Ea	arned	Cum. GPA	L L	Expected	d Grades	Reasons		Туре		Majors	
00-27	0	0.00-0.99	0	A	2	Required for Majors	0	Graduate	0	Major	0
28-55	0	1.00-1.99	0	В	0						
56-83	0	2.00-2.99	1	C	0	General	0	Under-grad	3	Non-major	1
84-150	1	3.00-3.49	1	D	0						
Grad.	0	3.50-4.00	0	F	0	Electives	0	#### - Means	there	are not enough	L
				P	0			responses to	be sig	gnificant	
				I	0	Other	2	_			
				?	0						

### Student Course Evaluation Questionnaire

			Fre	equer	ncies	3		Inst	ructor	Course	Dept	UMBC	Level	Sect
Questions	NR	NA	1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
General														
1. Did you gain new insights,skills from this course	0	0	0	0	0	0	2	5.00	1/1481	5.00	4.34	4.29	4.29	5.00
2. Did the instructor make clear the expected goals	0	0	0	0	0	1	1	4.50	517/1481	4.50	4.26	4.23	4.23	4.50
4. Did other evaluations reflect the expected goals	0	0	0	0	0	0	2	5.00	1/1424	5.00	4.37	4.21	4.27	5.00
5. Did assigned readings contribute to what you learned	0	0	0	0	0	0	2	5.00	1/1396	5.00	4.09	3.98	4.00	5.00
6. Did written assignments contribute to what you learned	0	0	0	0	0	0	2	5.00	1/1342	5.00	4.22	4.07	4.12	5.00
7. Was the grading system clearly explained	0	0	0	0	0	1	1	4.50	460/1459	4.50	4.30	4.16	4.17	4.50
8. How many times was class cancelled	0	0	0	0	0	2	0	4.00	1349/1480	4.00	4.72	4.68	4.65	4.00
9. How would you grade the overall teaching effectiveness	0	0	0	0	0	0	2	5.00	1/1450	5.00	4.11	4.09	4.10	5.00
Lecture														
1. Were the instructor's lectures well prepared	0	0	0	0	0	0	2	5.00	1/1409	5.00	4.46	4.42	4.43	5.00
2. Did the instructor seem interested in the subject	0	0	0	0	0	0	2	5.00	1/1407	5.00	4.79	4.69	4.67	5.00
3. Was lecture material presented and explained clearly	0	0	0	0	0	0	2	5.00	1/1399	5.00	4.39	4.26	4.27	5.00
4. Did the lectures contribute to what you learned	0	0	0	0	0	0	2	5.00	1/1400	5.00	4.29	4.27	4.28	5.00
5. Did audiovisual techniques enhance your understanding	0	0	0	0	0	1	1	4.50	259/1179	4.50	3.92	3.96	4.02	4.50
Discussion														
1. Did class discussions contribute to what you learned	0	0	0	0	0	0	2	5.00	1/1262	5.00	4.41	4.05	4.14	5.00
2. Were all students actively encouraged to participate	0	0	0	0	0	0	2	5.00	1/1259	5.00	4.59	4.29	4.34	5.00
3. Did the instructor encourage fair and open discussion	0	0	0	0	0	0	2	5.00	1/1256	5.00	4.53	4.30	4.34	5.00
4. Were special techniques successful	0	0	0	0	0	0	2	5.00	1/ 788	5.00	4.30	4.00	4.07	5.00
Field Work														
1. Did field experience contribute to what you learned	0	0	0	0	0	0	2	5.00	1/ 59	5.00	4.44	4.30	4.48	5.00
2. Did you clearly understand your evaluation criteria	0	0	0	Ő	0	1	1	4.50	11/ 51	4.50	4.22	4.00	4.13	4.50
3. Was the instructor available for consultation	0	1	0	0	0	1	0	4.00	27/ 36	4.00	4.42	4.60	4.33	4.00
4. To what degree could you discuss your evaluations	0	0	0	0	0	0	2	5.00	1/ 41	5.00	4.19	4.26	3.90	5.00

Credits Ea	arned	Cum. GPA	L	Expected	l Grades	Reasons		Туре		Majors	
00-27	1	0.00-0.99	0	A	2	Required for Majors	0	Graduate	0	Major	0
28-55	0	1.00-1.99	0	В	0						
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	1	D	0						
Grad.	0	3.50-4.00	1	F	0	Electives	0	#### - Means	there	are not enough	L
				P	0			responses to	be sig	gnificant	
				I	0	Other	2				
				?	0						

### Student Course Evaluation Questionnaire

			Fre	equer	ncie	s		Inst	cructor	Course	Dept	UMBC	Level	Sect
Questions	NR	NA	1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
General														
1. Did you gain new insights, skills from this course	2	0	1	1	7	12	1	3.50	1358/1481	3.50	4.34	4.29	4.29	3.50
2. Did the instructor make clear the expected goals	2	0	3	3	8	4	4	3.14	1406/1481	3.14	4.26	4.23	4.23	3.14
3. Did the exam questions reflect the expected goals	2	0	0	7	8	5	2	3.09	1184/1249	3.09	4.20	4.27	4.28	3.09
4. Did other evaluations reflect the expected goals	2	1	1	6	4	4	6	3.38	1303/1424	3.38	4.37	4.21	4.27	3.38
5. Did assigned readings contribute to what you learned	2	0	0	3	3	11	5	3.82	869/1396	3.82	4.09	3.98	4.00	3.82
6. Did written assignments contribute to what you learned	2	0	0	1	8	7	б	3.82	948/1342	3.82	4.22	4.07	4.12	3.82
7. Was the grading system clearly explained	2	0	4	5	4	3	6	3.09	1370/1459	3.09	4.30	4.16	4.17	3.09
8. How many times was class cancelled	2	0	0	0	0	0	22	5.00	1/1480	5.00	4.72	4.68	4.65	5.00
9. How would you grade the overall teaching effectiveness	4	0	5	5	б	4	0	2.45	1431/1450	2.45	4.11	4.09	4.10	2.45
Lecture														
1. Were the instructor's lectures well prepared	4	0	0	2	6	5	7	3.85	1228/1409	3.85	4.46	4.42	4.43	3.85
2. Did the instructor seem interested in the subject	5	0	0	1	4	6	8		1294/1407	4.11	4.79	4.69	4.67	4.11
3. Was lecture material presented and explained clearly	4	0	2	6	2	6	4		1303/1399	3.20	4.39	4.26	4.27	3.20
4. Did the lectures contribute to what you learned	4	0	5	5	2	6	2		1348/1400	2.75	4.29	4.27	4.28	2.75
5. Did audiovisual techniques enhance your understanding	4	7	3	2	5	2	1		1110/1179			3.96	4.02	
Discussion	-	0	1	~	~	~	~	2 25	1050/1060	2 25	4 4 7	4 05	4 1 4	2 25
1. Did class discussions contribute to what you learned	/	0	1	2	6	6	2		1052/1262		4.41	4.05	4.14	3.35
2. Were all students actively encouraged to participate	7	0	1	2	3		4		1071/1259		4.59	4.29	4.34	3.65
3. Did the instructor encourage fair and open discussion	7	0	⊥ २	4	4	6	2		1147/1256		4.53	4.30	4.34	3.24
4. Were special techniques successful	7	1	3	T	3	7	2	3.25	690/ 788	3.25	4.30	4.00	4.07	3.25
Field Work														
1. Did field experience contribute to what you learned	23	0	0	0	0	0	1	5.00	****/ 59	* * * *	4.44	4.30	4.48	* * * *
2. Did you clearly understand your evaluation criteria	23	0	0	0	0	0	1	5.00	****/ 51	* * * *	4.22	4.00	4.13	* * * *
3. Was the instructor available for consultation	23	0	0	0	0	1	0	4.00	****/ 36	* * * *	4.42	4.60	4.33	* * * *
4. To what degree could you discuss your evaluations	23	0	0	0	1	0	0	3.00	****/ 41	* * * *	4.19	4.26	3.90	* * * *
5. Did conferences help you carry out field activities	23	0	0	0	0	1	0	4.00	****/ 31	* * * *	4.21	4.42	4.00	* * * *

Credits E	Sarned	Cum. GPA	Α	Expecte	d Grades	Reasons		Туре		Majors	
00-27	0	0.00-0.99	0	A	16	Required for Majors	0	Graduate	0	Major	0
28-55	0	1.00-1.99	0	В	4						
56-83	3	2.00-2.99	0	C	0	General	0	Under-grad	24	Non-major	2
84-150	10	3.00-3.49	11	D	0						
Grad.	0	3.50-4.00	7	F	0	Electives	0	#### - Means	there	are not enough	
				P	0			responses to	be sig	nificant	
				I	0	Other	22	-			
				?	2						

### Student Course Evaluation Questionnaire

			Fre	-	ncies	5			ructor	Course	-	UMBC	Level	Sect
Questions	NR	NA	1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
General														
1. Did you gain new insights,skills from this course	0	0	1	0	1	0	5	4.14	967/1481	4.32	4.34	4.29	4.29	4.14
2. Did the instructor make clear the expected goals	1	0	1	0	1	2	2	3.67	1253/1481	3.83	4.26	4.23	4.23	3.67
4. Did other evaluations reflect the expected goals	0	0	0	0	1	4	2	4.14	863/1424	4.32	4.37	4.21	4.27	4.14
5. Did assigned readings contribute to what you learned	0	0	2	0	0	3	2	3.43	1125/1396	3.71	4.09	3.98	4.00	3.43
6. Did written assignments contribute to what you learned	0	0	1	0	1	4	1	3.57	1084/1342	4.04	4.22	4.07	4.12	3.57
7. Was the grading system clearly explained	0	0	0	1	2	1	3	3.86	1086/1459	3.93	4.30	4.16	4.17	3.86
8. How many times was class cancelled	0	0	0	0	0	0	7	5.00	1/1480	5.00	4.72	4.68	4.65	5.00
9. How would you grade the overall teaching effectiveness	1	0	0	0	1	5	0	3.83	1030/1450	3.42	4.11	4.09	4.10	3.83
Lecture														
1. Were the instructor's lectures well prepared	б	0	0	0	0	0	1	5.00	****/1409	* * * *	4.46	4.42	4.43	* * * *
2. Did the instructor seem interested in the subject	б	0	0	0	0	0	1	5.00	****/1407	* * * *	4.79	4.69	4.67	* * * *
3. Was lecture material presented and explained clearly	6	0	0	0	0	0	1	5.00	****/1399	* * * *	4.39	4.26	4.27	* * * *
4. Did the lectures contribute to what you learned	6	0	0	0	0	0	1	5.00	****/1400	* * * *	4.29	4.27	4.28	* * * *
5. Did audiovisual techniques enhance your understanding	б	0	0	0	0	0	1	5.00	****/1179	* * * *	3.92	3.96	4.02	* * * *
Discussion														
1. Did class discussions contribute to what you learned	0	0	0	0	1	2	4	4.43	418/1262	4.46	4.41	4.05	4.14	4.43
2. Were all students actively encouraged to participate	0	0	0	0	1	1	5	4.57	532/1259	4.54	4.59	4.29	4.34	4.57
3. Did the instructor encourage fair and open discussion	0	0	0	0	1	1	5	4.57	532/1256	4.54	4.53	4.30	4.34	4.57
4. Were special techniques successful	0	0	0	1	0	2	4	4.29	278/ 788	4.64	4.30	4.00	4.07	4.29
Field Work														
1. Did field experience contribute to what you learned	0	0	0	0	0	3	4	4.57	27/ 59	4.04	4.44	4.30	4.48	4.57
2. Did you clearly understand your evaluation criteria	0	0	0	0	2	1	4	4.29	23/ 51	4.14	4.22	4.00	4.13	4.29
3. Was the instructor available for consultation	0	2	1	0	1	1	2	3.60	35/ 36	3.80	4.42	4.60	4.33	3.60
4. To what degree could you discuss your evaluations	0	2	1	0	2	1	1	3.20	38/ 41	2.85	4.19	4.26	3.90	3.20
5. Did conferences help you carry out field activities	0	3	1	0	1	0	2	3.50	28/ 31	2.75	4.21	4.42	4.00	3.50

Credits Ea	arned	Cum. GPA		Expected	Grades	Reasons		Туре		Majors	
00-27	1	0.00-0.99	0	A	2	Required for Majors	0	Graduate	0	Major	0
28-55	0	1.00-1.99	0	В	4						
56-83	0	2.00-2.99	0	С	0	General	0	Under-grad	7	Non-major	1
84-150	2	3.00-3.49	2	D	0						
Grad.	0	3.50-4.00	2	F	0	Electives	0	#### - Means	there	are not enough	
				P	0			responses to	be sig	nificant	
				I	0	Other	б				
				?	0						

### Student Course Evaluation Questionnaire

			Fre	equer	ncies	3		Inst	ructor	Course	Dept	UMBC	Level	Sect
Questions	NR	NA	1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
General														
1. Did you gain new insights, skills from this course	0	0	0	0	0	1	1	4.50	549/1481	4.32	4.34	4.29	4.29	4.50
2. Did the instructor make clear the expected goals	0	0	0	0	1	0	1	4.00	1000/1481	3.83	4.26	4.23	4.23	4.00
4. Did other evaluations reflect the expected goals	0	0	0	0	0	1	1	4.50	437/1424	4.32	4.37	4.21	4.27	4.50
5. Did assigned readings contribute to what you learned	0	0	0	0	1	0	1	4.00	707/1396	3.71	4.09	3.98	4.00	4.00
6. Did written assignments contribute to what you learned	0	0	0	0	0	1	1	4.50	303/1342	4.04	4.22	4.07	4.12	4.50
7. Was the grading system clearly explained	0	0	0	0	1	0	1	4.00	961/1459	3.93	4.30	4.16	4.17	4.00
8. How many times was class cancelled	0	0	0	0	0	0	2	5.00	1/1480	5.00	4.72	4.68	4.65	5.00
9. How would you grade the overall teaching effectiveness	1	0	0	0	1	0	0	3.00	1354/1450	3.42	4.11	4.09	4.10	3.00
Discussion														
1. Did class discussions contribute to what you learned	0	0	0	0	0	1	1	4.50	345/1262	4.46	4.41	4.05	4.14	4.50
2. Were all students actively encouraged to participate	0	0	0	0	0	1	1	4.50	588/1259	4.54	4.59	4.29	4.34	4.50
3. Did the instructor encourage fair and open discussion	0	0	0	0	0	1	1	4.50	571/1256	4.54	4.53	4.30	4.34	4.50
4. Were special techniques successful	0	1	0	0	0	0	1	5.00	1/ 788	4.64	4.30	4.00	4.07	5.00
Field Work														
1. Did field experience contribute to what you learned	0	0	0	0	1	1	0	3.50	47/ 59	4.04	4.44	4.30	4.48	3.50
2. Did you clearly understand your evaluation criteria	Ő	Ő	Õ	0	1	0	1	4.00	28/ 51	4.14	4.22	4.00	4.13	4.00
3. Was the instructor available for consultation	0	1	0	0	0	1	0	4.00	27/ 36	3.80	4.42	4.60	4.33	4.00
4. To what degree could you discuss your evaluations	0	0	1	0	0	1	0	2.50	41/ 41	2.85	4.19	4.26	3.90	2.50
5. Did conferences help you carry out field activities	0	1	0	1	0	0	0	2.00	30/ 31	2.75	4.21	4.42	4.00	2.00

Credits Ea	arned	Cum. GPA		Expected	Grades	Reasons		Туре		Majors	
00-27	0	0.00-0.99	0	A	1	Required for Majors	0	Graduate	0	Major	0
28-55	0	1.00-1.99	0	В	0						
56-83	0	2.00-2.99	0	С	1	General	0	Under-grad	2	Non-major	0
84-150	0	3.00-3.49	1	D	0						
Grad.	0	3.50-4.00	0	F	0	Electives	0	#### - Means	there	are not enough	1
				P	0			responses to	be sig	gnificant	
				I	0	Other	2				
				?	0						

### Student Course Evaluation Questionnaire

			Fre	equer	ncies	3		Inst	ructor	Course	Dept	UMBC	Level	Sect
Questions	NR	NA	1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
General														
1. Did you gain new insights, skills from this course	2	0	0	0	1	1	б	4.63	439/1481	4.63	4.34	4.29	4.29	4.63
2. Did the instructor make clear the expected goals	2	0	0	0	0	4	4	4.50	517/1481	4.50	4.26	4.23	4.23	4.50
3. Did the exam questions reflect the expected goals	2	6	0	0	1	0	1	4.00	****/1249	* * * *	4.20	4.27	4.28	* * * *
4. Did other evaluations reflect the expected goals	2	1	0	0	1	3	3	4.29	706/1424	4.29	4.37	4.21	4.27	4.29
5. Did assigned readings contribute to what you learned	2	0	1	2	1	3	1	3.13	1261/1396	3.13	4.09	3.98	4.00	3.13
6. Did written assignments contribute to what you learned	2	0	0	0	0	5	3	4.38	434/1342	4.38	4.22	4.07	4.12	4.38
7. Was the grading system clearly explained	2	0	0	0	1	2	5	4.50	460/1459	4.50	4.30	4.16	4.17	4.50
8. How many times was class cancelled	2	0	0	0	0	0	8	5.00	1/1480	5.00	4.72	4.68	4.65	5.00
9. How would you grade the overall teaching effectiveness	3	0	0	0	3	3	1	3.71	1133/1450	3.71	4.11	4.09	4.10	3.71
Lecture														
1. Were the instructor's lectures well prepared	3	0	0	0	0	0	7	5.00	1/1409	5.00	4.46	4.42	4.43	5.00
2. Did the instructor seem interested in the subject	3	0	0	0	0	0	7	5.00	1/1407	5.00	4.79	4.69	4.67	5.00
3. Was lecture material presented and explained clearly	3	0	0	0	0	1	6	4.86	170/1399	4.86	4.39	4.26	4.27	4.86
4. Did the lectures contribute to what you learned	3	0	0	0	0	2	5	4.71	361/1400	4.71	4.29	4.27	4.28	4.71
Discussion														
1. Did class discussions contribute to what you learned	3	0	0	0	0	3	4	4.57	310/1262	4.57	4.41	4.05	4.14	4.57
2. Were all students actively encouraged to participate	3	0	0	0	0	0	7	5.00	1/1259	5.00	4.59	4.29	4.34	5.00
3. Did the instructor encourage fair and open discussion	3	0	0	0	1	2	4	4.43	658/1256	4.43	4.53	4.30	4.34	4.43
4. Were special techniques successful	3	2	0	0	0	0	5	5.00	1/ 788		4.30	4.00	4.07	5.00

Credits E	arned	Cum. GPA		Expected	d Grades	Reasons		Туре		Majors	
00-27	0	0.00-0.99	0	A	7	Required for Majors	0	Graduate	0	Major	0
28-55	0	1.00-1.99	0	В	0						
56-83	2	2.00-2.99	0	С	0	General	0	Under-grad	10	Non-major	3
84-150	3	3.00-3.49	2	D	0						
Grad.	0	3.50-4.00	3	F	0	Electives	0	#### - Means	there	are not enough	1
				P	0			responses to	be sig	gnificant	
				I	0	Other	7	_			
				?	0						

### Student Course Evaluation Questionnaire

			Fre	equer	ncies	5		Inst	ructor	Course	Dept	UMBC	Level	Sect
Questions	NR	NA	1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
General														
1. Did you gain new insights,skills from this course	4	0	0	0	0	0	8	5.00	1/1481	5.00	4.34	4.29	4.29	5.00
2. Did the instructor make clear the expected goals	4	0	0	0	0	2	б	4.75	228/1481	4.75	4.26	4.23	4.23	4.75
3. Did the exam questions reflect the expected goals	4	5	0	0	0	1	2	4.67	334/1249	4.67	4.20	4.27	4.28	4.67
4. Did other evaluations reflect the expected goals	4	0	0	0	0	3	5	4.63	318/1424	4.63	4.37	4.21	4.27	4.63
5. Did assigned readings contribute to what you learned	4	0	1	0	1	1	5	4.13	623/1396	4.13	4.09	3.98	4.00	4.13
6. Did written assignments contribute to what you learned	4	1	0	0	0	1	б	4.86	99/1342	4.86	4.22	4.07	4.12	4.86
7. Was the grading system clearly explained	4	0	0	0	2	2	4	4.25	775/1459	4.25	4.30	4.16	4.17	4.25
8. How many times was class cancelled	4	0	0	0	0	0	8	5.00	1/1480	5.00	4.72	4.68	4.65	5.00
9. How would you grade the overall teaching effectiveness	4	1	1	0	0	3	3	4.00	836/1450	4.00	4.11	4.09	4.10	4.00
Lecture														
1. Were the instructor's lectures well prepared	5	0	0	0	0	1	б	4.86	261/1409	4.86	4.46	4.42	4.43	4.86
2. Did the instructor seem interested in the subject	5	0	0	0	0	0	7	5.00	1/1407	5.00	4.79	4.69	4.67	5.00
3. Was lecture material presented and explained clearly	5	0	0	0	0	1	6	4.86	170/1399	4.86	4.39	4.26	4.27	4.86
4. Did the lectures contribute to what you learned	5	0	0	0	0	1	6	4.86	198/1400	4.86	4.29	4.27	4.28	4.86
5. Did audiovisual techniques enhance your understanding	5	1	0	1	0	0	5	4.50	259/1179	4.50	3.92	3.96	4.02	4.50
Discussion														
1. Did class discussions contribute to what you learned	8	0	0	0	0	0	4	5.00	1/1262	5.00	4.41	4.05	4.14	5.00
2. Were all students actively encouraged to participate	8	0	0	0	0	0	4	5.00	1/1259		4.59	4.29	4.34	5.00
3. Did the instructor encourage fair and open discussion	8	0	0	0	0	0	4	5.00	1/1256		4.53	4.30	4.34	5.00
4. Were special techniques successful	8	0	0	0	0	1	3	4.75	105/ 788		4.30	4.00	4.07	4.75

Credits Ea	arned	Cum. GPA	L L	Expected	d Grades	Reasons		Туре		Majors	
00-27	0	0.00-0.99	0	А	7	Required for Majors	0	Graduate	0	Major	0
28-55	0	1.00-1.99	0	В	0						
56-83	0	2.00-2.99	1	С	0	General	0	Under-grad	12	Non-major	5
84-150	2	3.00-3.49	2	D	0						
Grad.	0	3.50-4.00	1	F	0	Electives	0	#### - Means	there	are not enough	L
				P	0			responses to	be sig	gnificant	
				I	0	Other	7	_			
				?	0						

### Student Course Evaluation Questionnaire

			Fre	equer	ncies	5		Inst	ructor	Course	Dept	UMBC	Level	Sect
Questions	NR	NA	1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
General														
1. Did you gain new insights,skills from this course	1	0	0	2	4	4	4	3.71	1277/1481	3.71	4.34	4.29	4.29	3.71
2. Did the instructor make clear the expected goals	1	0	0	3	5	3	3	3.43	1355/1481	3.43	4.26	4.23	4.23	3.43
3. Did the exam questions reflect the expected goals	1	13	0	0	0	0	1	5.00	****/1249	* * * *	4.20	4.27	4.28	* * * *
4. Did other evaluations reflect the expected goals	2	0	1	0	2	4	б	4.08	923/1424	4.08	4.37	4.21	4.27	4.08
5. Did assigned readings contribute to what you learned	2	0	2	1	4	2	4	3.38	1145/1396	3.38	4.09	3.98	4.00	3.38
6. Did written assignments contribute to what you learned	2	1	0	1	2	3	6	4.17	626/1342	4.17	4.22	4.07	4.12	4.17
7. Was the grading system clearly explained	3	0	0	0	2	б	4	4.17	854/1459	4.17	4.30	4.16	4.17	4.17
8. How many times was class cancelled	2	0	0	0	0	0	13	5.00	1/1480	5.00	4.72	4.68	4.65	5.00
9. How would you grade the overall teaching effectiveness	4	0	0	1	3	7	0	3.55	1209/1450	3.55	4.11	4.09	4.10	3.55
Lecture														
1. Were the instructor's lectures well prepared	2	0	0	З	5	1	4	3 46	1300/1409	3.46	4.46	4.42	4.43	3.46
2. Did the instructor seem interested in the subject	3	0	0	0	2	3	7		1176/1407	4.42	4.79	4.69	4.67	4.42
3. Was lecture material presented and explained clearly	2	0	2	2	4	1	4		1297/1399		4.39	4.26	4.27	3.23
4. Did the lectures contribute to what you learned	3	0	2	2	0	4	4		1230/1400		4.29	4.27	4.28	3.50
5. Did audiovisual techniques enhance your understanding	4	4	2	1	0	1	3	3.29	989/1179		3.92	3.96	4.02	3.29
5. Dia adalovibaal cecimiques cimanee your anacistanaing	-	-	2	-	0	-	5	5.25	50571175	5.25	5.72	5.90	1.02	5.25
Discussion														
1. Did class discussions contribute to what you learned	б	0	1	0	4	1	3	3.56	976/1262	3.56	4.41	4.05	4.14	3.56
2. Were all students actively encouraged to participate	6	0	0	1	0	4	4	4.22	803/1259	4.22	4.59	4.29	4.34	4.22
3. Did the instructor encourage fair and open discussion	6	0	0	1	1	2	5	4.22	791/1256	4.22	4.53	4.30	4.34	4.22
4. Were special techniques successful	6	1	0	1	2	2	3	3.88	495/ 788	3.88	4.30	4.00	4.07	3.88

Credits Ea	arned	Cum. GPA	L L	Expecte	d Grades	Reasons		Туре		Majors	
00-27	1	0.00-0.99	1	А А	13	Required for Majors	0	Graduate	0	Major	0
28-55	0	1.00-1.99	0	В	0						
56-83	4	2.00-2.99	2	C	0	General	0	Under-grad	15	Non-major	2
84-150	2	3.00-3.49	2	D	0						
Grad.	0	3.50-4.00	4	F	0	Electives	0	#### - Means	there	are not enough	L
				P	0			responses to	be sig	gnificant	
				I	0	Other	13				
				?	0						

### Student Course Evaluation Questionnaire

			Fre	equer	ncies	5		Inst	ructor	Course	Dept	UMBC	Level	Sect
Questions	NR	NA	1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
General														
1. Did you gain new insights, skills from this course	0	0	0	0	1	4	3	4.25	844/1481	4.25	4.34	4.29	4.29	4.25
2. Did the instructor make clear the expected goals	0	0	0	1	0	3	4	4.25	822/1481	4.25	4.26	4.23	4.23	4.25
4. Did other evaluations reflect the expected goals	0	1	0	0	1	4	2	4.14	863/1424	4.14	4.37	4.21	4.27	4.14
5. Did assigned readings contribute to what you learned	0	1	0	1	3	3	0	3.29	1188/1396	3.29	4.09	3.98	4.00	3.29
6. Did written assignments contribute to what you learned	0	1	0	0	2	4	1	3.86	920/1342	3.86	4.22	4.07	4.12	3.86
7. Was the grading system clearly explained	0	0	0	0	0	3	5	4.63	321/1459	4.63	4.30	4.16	4.17	4.63
8. How many times was class cancelled	0	0	0	0	0	0	8	5.00	1/1480	5.00	4.72	4.68	4.65	5.00
9. How would you grade the overall teaching effectiveness	2	0	0	0	0	3	3	4.50	334/1450	4.50	4.11	4.09	4.10	4.50
Lecture														
1. Were the instructor's lectures well prepared	3	0	0	0	0	4	1	4.20	1068/1409	4.20	4.46	4.42	4.43	4.20
2. Did the instructor seem interested in the subject	2	0	0	0	0	1	5	4.83	659/1407	4.83	4.79	4.69	4.67	4.83
3. Was lecture material presented and explained clearly	2	0	0	0	0	4	2	4.33	753/1399	4.33	4.39	4.26	4.27	4.33
4. Did the lectures contribute to what you learned	2	0	0	0	0	5	1	4.17	937/1400	4.17	4.29	4.27	4.28	4.17
5. Did audiovisual techniques enhance your understanding	2	3	0	0	0	2	1	4.33	384/1179	4.33	3.92	3.96	4.02	4.33
Discussion														
1. Did class discussions contribute to what you learned	5	0	0	0	1	0	2	4.33	507/1262	4.33	4.41	4.05	4.14	4.33
2. Were all students actively encouraged to participate	5	0	0	0	0	0	3	5.00	1/1259	5.00	4.59	4.29	4.34	5.00
3. Did the instructor encourage fair and open discussion	5	0	0	0	0	0	3	5.00	1/1256	5.00	4.53	4.30	4.34	5.00
4. Were special techniques successful	5	1	0	0	0	1	1	4.50	176/ 788	4.50	4.30	4.00	4.07	4.50

Credits E	arned	Cum. GPA		Expected	l Grades	Reasons		Туре		Majors	
00-27	0	0.00-0.99	0	A	7	Required for Majors	0	Graduate	0	Major	0
28-55	0	1.00-1.99	0	В	0						
56-83	2	2.00-2.99	0	С	0	General	0	Under-grad	8	Non-major	1
84-150	3	3.00-3.49	4	D	0						
Grad.	0	3.50-4.00	2	F	0	Electives	0	#### - Means	there	are not enough	
				P	0			responses to	be sig	gnificant	
				I	0	Other	б				
				?	0						

#### Student Course Evaluation Questionnaire

				-	ncies	5	_		ructor	Course	-	UMBC		Sect
Questions	NR	NA	1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
General														
1. Did you gain new insights, skills from this course	0	0	0	0	2	7	6	4.27	831/1481	4.27	4.34	4.29	4.29	4.27
2. Did the instructor make clear the expected goals	0	0	0	0	3	3	9	4.40	661/1481	4.40	4.26	4.23	4.23	4.40
3. Did the exam questions reflect the expected goals	0	14	0	0	0	0	1		****/1249	****	4.20	4.27	4.28	* * * *
4. Did other evaluations reflect the expected goals	0	0	0	0	1	5	9	4.53	406/1424	4.53	4.37	4.21	4.27	4.53
5. Did assigned readings contribute to what you learned	0	1	2	2	2	3	5	3.50	1083/1396	3.50	4.09	3.98	4.00	3.50
6. Did written assignments contribute to what you learned	0	0	0	1	1	4	9	4.40	405/1342	4.40	4.22	4.07	4.12	4.40
7. Was the grading system clearly explained	0	0	0	1	2	3	9	4.33	695/1459	4.33	4.30	4.16	4.17	4.33
8. How many times was class cancelled	0	0	0	0	0	0	15	5.00	1/1480	5.00	4.72	4.68	4.65	5.00
9. How would you grade the overall teaching effectiveness	7	0	0	0	0	3	5	4.63	245/1450	4.61	4.11	4.09	4.10	4.61
Lecture														
1. Were the instructor's lectures well prepared	0	0	0	0	0	3	12	4.80	334/1409	4.80	4.46	4.42	4.43	4.80
2. Did the instructor seem interested in the subject	0	0	0	0	0	2	13	4.87	591/1407	4.93	4.79	4.69	4.67	4.93
3. Was lecture material presented and explained clearly	0	0	0	0	1	6	8	4.47	613/1399	4.63	4.39	4.26	4.27	4.63
4. Did the lectures contribute to what you learned	0	0	0	0	0	5	10	4.67	421/1400	4.83	4.29	4.27	4.28	4.83
5. Did audiovisual techniques enhance your understanding	1	7	2	0	2	0	3	3.29	989/1179	3.29	3.92	3.96	4.02	3.29
Discussion	_	-	_	_	_		_							
1. Did class discussions contribute to what you learned	3	0	0	0	1	4	7	4.50	345/1262	4.50	4.41	4.05	4.14	4.50
2. Were all students actively encouraged to participate	3	0	0	0	0	2	10	4.83	276/1259	4.83	4.59	4.29	4.34	4.83
3. Did the instructor encourage fair and open discussion	3	0	0	0	1	2	9	4.67	457/1256	4.67	4.53	4.30	4.34	
4. Were special techniques successful	3	1	0	1	1	3	б	4.27	282/ 788	4.27	4.30	4.00	4.07	4.27
T - b b														
Laboratory 1. Did the lab increase understanding of the material	1 /	0	0	0	1	0	0	2 00	++++/ 010	* * * *		4 00	4 00	* * * *
2. Were you provided with adequate background information	14 14	0	0 0	0 0	1 0	0	1		****/ 246 ****/ 249	****	4.44 4.33	4.20 4.11	4.20 4.23	* * * *
4. Did the lab instructor provide assistance	$14 \\ 14$	0	0	0	1	0	1		****/ 249	****	4.33	4.11	4.23	* * * *
4. Did the lab instructor provide assistance	14	0	0	0	T	0	0	3.00	~~~/ 240	~ ~ ~ ~ ~	4.0/	4.20	3.90	~ ~ ~ ~ ~
Field Work														
1. Did field experience contribute to what you learned	14	0	0	0	0	0	1	5 00	****/ 59	* * * *	4.44	4.30	4.48	* * * *
2. Did you clearly understand your evaluation criteria	14	0	0	0	0	0	1	0.00	****/ 51	* * * *	4.22	4.00	4.13	* * * *
3. Was the instructor available for consultation	14	0	0	0	0	0	1		****/ 36	* * * *	4.42	4.60	4.33	* * * *
4. To what degree could you discuss your evaluations	14	0	0	0	0	0	1		****/ 41	* * * *	4.19	4.26	3.90	* * * *
5. Did conferences help you carry out field activities	14	0	0	0	0	0	1		****/ 31	* * * *	4.21	4.42	4.00	* * * *
		•	5	2	2	0	-	2.00	/ 01					

Credits Ea	arned	Cum. GPA		Expecte	d Grades	Reasons		Туре		Majors	
00-27	1	0.00-0.99	0	A	13	Required for Majors	0	Graduate	0	Major	0
28-55	0	1.00-1.99	0	В	1						
56-83	5	2.00-2.99	3	C	0	General	0	Under-grad	15	Non-major	0
84-150	1	3.00-3.49	0	D	0						
Grad.	0	3.50-4.00	6	F	0	Electives	0	#### - Means	there	are not enough	
				P	0			responses to	be sig	nificant	
				I	0	Other	15	-			
				?	1						

### Student Course Evaluation Questionnaire

			Fre	equer	ncies	5		Inst	ructor	Course	Dept	UMBC	Level	Sect
Questions	NR	NA	1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
General														
1. Did you gain new insights, skills from this course	0	0	0	0	2	7	6	4.27	831/1481	4.27	4.34	4.29	4.29	4.27
2. Did the instructor make clear the expected goals	0	0	0	0	3	3	9	4.40	661/1481	4.40	4.26	4.23	4.23	4.40
3. Did the exam questions reflect the expected goals	0	14	0	0	0	0	1	5.00	****/1249	* * * *	4.20	4.27	4.28	* * * *
4. Did other evaluations reflect the expected goals	0	0	0	0	1	5	9	4.53	406/1424	4.53	4.37	4.21	4.27	4.53
5. Did assigned readings contribute to what you learned	0	1	2	2	2	3	5	3.50	1083/1396	3.50	4.09	3.98	4.00	3.50
6. Did written assignments contribute to what you learned	0	0	0	1	1	4	9	4.40	405/1342	4.40	4.22	4.07	4.12	4.40
7. Was the grading system clearly explained	0	0	0	1	2	3	9	4.33	695/1459	4.33	4.30	4.16	4.17	4.33
8. How many times was class cancelled	0	0	0	0	0	0	15	5.00	1/1480	5.00	4.72	4.68	4.65	5.00
9. How would you grade the overall teaching effectiveness	10	0	0	0	0	2	3	4.60	259/1450	4.61	4.11	4.09	4.10	4.61
Lecture														
1. Were the instructor's lectures well prepared	10	0	0	0	0	1	Δ	4.80	334/1409	4.80	4.46	4.42	4.43	4.80
2. Did the instructor seem interested in the subject	10	0	0	0	0	0	5	5.00	1/1407	4.93	4.79	4.69	4.67	4.93
3. Was lecture material presented and explained clearly	10	0	0	0	0	1	4	4.80	212/1399	4.63	4.39	4.26	4.27	4.63
4. Did the lectures contribute to what you learned	10	0	0	0	0	0	5	5.00	1/1400	4.83	4.29	4.27	4.28	4.83
5. Did audiovisual techniques enhance your understanding	10	2	1	0	0	0	2		****/1179	3.29	3.92		4.02	
Discussion														
1. Did class discussions contribute to what you learned	3	0	0	0	1	4	7	4.50	345/1262	4.50	4.41	4.05	4.14	4.50
2. Were all students actively encouraged to participate	3	0	0	0	0	2	10	4.83	276/1259	4.83	4.59	4.29	4.34	
3. Did the instructor encourage fair and open discussion	3	0	0	0	1	2	9	4.67	457/1256	4.67	4.53	4.30	4.34	
4. Were special techniques successful	3	1	0	1	1	3	6	4.27	282/ 788	4.27	4.30	4.00	4.07	4.27
Laboratory														
1. Did the lab increase understanding of the material	14	0	0	0	1	0	0	3.00	****/ 246	* * * *	4.44	4.20	4.20	* * * *
2. Were you provided with adequate background information	14	0	0	0	0	0	1	5.00	****/ 249	* * * *	4.33	4.11	4.23	* * * *
4. Did the lab instructor provide assistance	14	0	0	0	1	0	0	3.00	****/ 240	* * * *	4.67	4.20	3.96	* * * *
Field Work														
1. Did field experience contribute to what you learned	14	0	0	0	0	0	T	5.00	****/ 59	* * * *	4.44	4.30	4.48	* * * *
2. Did you clearly understand your evaluation criteria	14	0	0	0	0	0	1		****/ 51	****	4.22	4.00	4.13	* * * * * * * *
3. Was the instructor available for consultation	14	0	0	0	0	0	1		****/ 36	****	4.42	4.60	4.33	* * * *
4. To what degree could you discuss your evaluations	14	0	0	0	0	0	1		****/ 41	* * * *	4.19	4.26	3.90	* * * *
5. Did conferences help you carry out field activities	14	0	0	0	0	0	T	5.00	****/ 31	****	4.21	4.42	4.00	****

Credits E	larned	Cum. GPA		Expecte	d Grades	Reasons		Туре		Majors	
00-27	1	0.00-0.99	0	A	13	Required for Majors	0	Graduate	0	Major	0
28-55	0	1.00-1.99	0	В	1						
56-83	5	2.00-2.99	3	С	0	General	0	Under-grad	15	Non-major	0
84-150	1	3.00-3.49	0	D	0						
Grad.	0	3.50-4.00	б	F	0	Electives	0	#### - Means	there	are not enough	
				P	0			responses to	be sig	gnificant	
				I	0	Other	15	_			
				?	1						

### Student Course Evaluation Questionnaire

			Fre	equei	ncies	3		Inst	ructor	Course	Dept	UMBC	Level	Sect
Questions	NR	NA	1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
General														
1. Did you gain new insights,skills from this course	0	0	0	0	0	1	6	4.86	196/1481	4.86	4.34	4.29	4.29	4.86
2. Did the instructor make clear the expected goals	0	0	0	0	0	1	б	4.86	149/1481	4.86	4.26	4.23	4.23	4.86
3. Did the exam questions reflect the expected goals	0	2	0	0	0	0	5	5.00	1/1249	5.00	4.20	4.27	4.28	5.00
4. Did other evaluations reflect the expected goals	0	0	1	0	0	1	5	4.29	706/1424	4.29	4.37	4.21	4.27	4.29
5. Did assigned readings contribute to what you learned	0	0	0	0	0	0	7	5.00	1/1396	5.00	4.09	3.98	4.00	5.00
6. Did written assignments contribute to what you learned	0	0	0	0	0	2	5	4.71	153/1342	4.71	4.22	4.07	4.12	4.71
7. Was the grading system clearly explained	0	0	0	0	0	1	б	4.86	131/1459	4.86	4.30	4.16	4.17	4.86
8. How many times was class cancelled	0	0	0	0	0	0	7	5.00	1/1480	5.00	4.72	4.68	4.65	5.00
9. How would you grade the overall teaching effectiveness	3	0	0	0	0	2	2	4.50	334/1450	4.50	4.11	4.09	4.10	4.50
Lecture														
1. Were the instructor's lectures well prepared	0	0	0	0	0	2	5	4.71	483/1409	4.71	4.46	4.42	4.43	4.71
2. Did the instructor seem interested in the subject	0	0	0	0	0	1	6	4.86	614/1407	4.86	4.79	4.69	4.67	4.86
3. Was lecture material presented and explained clearly	0	0	0	0	0	1	6	4.86	170/1399	4.86	4.39	4.26	4.27	4.86
4. Did the lectures contribute to what you learned	0	0	0	0	0	1	6	4.86	198/1400	4.86	4.29	4.27	4.28	4.86
5. Did audiovisual techniques enhance your understanding	0	1	0	1	0	1	4	4.33	384/1179	4.33	3.92	3.96	4.02	4.33
Discussion														
1. Did class discussions contribute to what you learned	0	0	0	0	0	0	7	5.00	1/1262	5.00	4.41	4.05	4.14	5.00
2. Were all students actively encouraged to participate	0	0	0	0	0	0	7	5.00	1/1259	5.00	4.59	4.29	4.34	5.00
3. Did the instructor encourage fair and open discussion	0	0	0	0	0	0	7	5.00	1/1256	5.00	4.53	4.30	4.34	5.00
4. Were special techniques successful	0	1	0	0	1	0	5	4.67	133/ 788		4.30	4.00	4.07	4.67

Credits Ea	arned	Cum. GPA		Expected	d Grades	Reasons		Туре		Majors	
00-27	0	0.00-0.99	0	A	6	Required for Majors	0	Graduate	0	Major	0
28-55	1	1.00-1.99	0	В	0						
56-83	1	2.00-2.99	1	С	0	General	6	Under-grad	7	Non-major	0
84-150	3	3.00-3.49	3	D	0						
Grad.	0	3.50-4.00	1	F	0	Electives	0	#### - Means	there	are not enough	
				P	0			responses to	be sig	gnificant	
				I	0	Other	0				
				?	0						

### Student Course Evaluation Questionnaire

			Fre	equer	ncie	s		Inst	ructor	Course	Dept	UMBC	Level	Sect
Questions	NR	NA	1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
General														
1. Did you gain new insights,skills from this course	0	0	0	0	2	3	10	4.53	522/1481	4.53	4.34	4.29	4.29	4.53
2. Did the instructor make clear the expected goals	0	0	0	1	1	б	7	4.27	811/1481	4.27	4.26	4.23	4.23	4.27
3. Did the exam questions reflect the expected goals	0	12	0	0	0	1	2	4.67	****/1249	* * * *	4.20	4.27	4.28	* * * *
4. Did other evaluations reflect the expected goals	0	1	0	0	1	4	9	4.57	364/1424	4.57	4.37	4.21	4.27	4.57
5. Did assigned readings contribute to what you learned	0	0	1	0	3	3	8	4.13	613/1396	4.13	4.09	3.98	4.00	4.13
6. Did written assignments contribute to what you learned	0	0	0	0	1	5	9	4.53	283/1342	4.53	4.22	4.07	4.12	4.53
7. Was the grading system clearly explained	0	0	1	0	4	4	6	3.93	1021/1459	3.93	4.30	4.16	4.17	3.93
8. How many times was class cancelled	0	0	0	0	0	7	8		1029/1480		4.72	4.68	4.65	4.53
9. How would you grade the overall teaching effectiveness	0	0	0	1	2	11	1	3.80	1055/1450	3.80	4.11	4.09	4.10	3.80
Lecture														
1. Were the instructor's lectures well prepared	0	0	0	1	1	З	10	4.47	813/1409	4.47	4.46	4.42	4.43	4.47
2. Did the instructor seem interested in the subject	0	0	0	0	1	1	13	4.80	728/1407	4.80	4.79	4.69	4.67	4.80
3. Was lecture material presented and explained clearly	0	0	0	1	1	4	- 9	4.40	683/1399		4.39	4.26	4.27	4.40
4. Did the lectures contribute to what you learned	0	0	2	0	0	2	11	4.33	791/1400		4.29	4.27	4.28	4.33
5. Did audiovisual techniques enhance your understanding	0	1	0	0	1	5		4.50	259/1179		3.92	3.96	4.02	4.50
5. Dia adaiotidaal ooomiiqaed emanee year anacideanaing	0	-	0	0	-	0	0	1.00	2007 2270	1.00	5.72	0.20	1102	1.00
Discussion														
1. Did class discussions contribute to what you learned	б	0	1	1	0	2	5	4.00	708/1262	4.00	4.41	4.05	4.14	4.00
2. Were all students actively encouraged to participate	б	0	0	0	1	1	7	4.67	451/1259	4.67	4.59	4.29	4.34	4.67
3. Did the instructor encourage fair and open discussion	б	0	0	1	0	1	7	4.56	543/1256	4.56	4.53	4.30	4.34	4.56
4. Were special techniques successful	6	1	0	1	0	2	5	4.38	233/ 788	4.38	4.30	4.00	4.07	4.38

Credits Ea	arned	Cum. GPA	Α	Expected	d Grades	Reasons		Туре		Majors	
00-27	0	0.00-0.99	0	А	11	Required for Majors	0	Graduate	0	Major	0
28-55	0	1.00-1.99	0	В	2						
56-83	б	2.00-2.99	1	С	0	General	0	Under-grad	15	Non-major	0
84-150	5	3.00-3.49	10	D	0						
Grad.	0	3.50-4.00	3	F	0	Electives	0	#### - Means	there	are not enough	L
				P	0			responses to	be sig	gnificant	
				I	0	Other	13				
				?	1						

### Student Course Evaluation Questionnaire

Questians	NTD	<b>NT 7</b>	Fre 1	-	ncies	5	F		ructor	Course	-	UMBC		Sect
Questions	NR	NA 	⊥ 	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	652/1481	4.43	4.34	4.29	4.45	4.43
2. Did the instructor make clear the expected goals	0	0	0	0	1	1	5	4.57	434/1481	4.57	4.26	4.23	4.32	4.57
3. Did the exam questions reflect the expected goals	0	5	0	0	0	0	2	5.00	1/1249	5.00	4.20	4.27	4.44	5.00
4. Did other evaluations reflect the expected goals	0	0	0	0	1	0	6	4.71	248/1424	4.71	4.37	4.21	4.35	4.71
5. Did assigned readings contribute to what you learned	0	0	1	0	0	2	4	4.14	603/1396	4.14	4.09	3.98	4.09	4.14
6. Did written assignments contribute to what you learned	0	0	0	0	1	1	5	4.57	257/1342	4.57	4.22	4.07	4.21	4.57
7. Was the grading system clearly explained	0	0	0	0	0	1	б	4.86	131/1459	4.86	4.30	4.16	4.25	4.86
8. How many times was class cancelled	0	0	0	0	0	0	7	5.00	1/1480	5.00	4.72	4.68	4.74	5.00
9. How would you grade the overall teaching effectiveness	1	0	1	0	1	1	3	3.83	1030/1450	3.83	4.11	4.09	4.28	3.83
Lecture														
1. Were the instructor's lectures well prepared	0	0	0	0	0	0	7	5.00	1/1409	5.00	4.46	4.42	4.51	5.00
2. Did the instructor seem interested in the subject	0	0	0	0	0	0	7	5.00	1/1407	5.00	4.79	4.69	4.79	5.00
3. Was lecture material presented and explained clearly	0	0	0	0	0	0	7	5.00	1/1399	5.00	4.39	4.26	4.36	5.00
4. Did the lectures contribute to what you learned	0	0	0	0	0	0	7	5.00	1/1400	5.00	4.29	4.27	4.38	5.00
5. Did audiovisual techniques enhance your understanding	1	1	1	0	0	0	4	4.20	487/1179	4.20	3.92	3.96	4.07	4.20
Discussion														
1. Did class discussions contribute to what you learned	0	0	0	0	0	0	7	5.00	1/1262	5.00	4.41	4.05	4.33	5.00
2. Were all students actively encouraged to participate	0	0	0	0	0	0	7	5.00	1/1259	5.00	4.59	4.29	4.57	5.00
3. Did the instructor encourage fair and open discussion	0	0	0	0	0	0	7	5.00	1/1256	5.00	4.53	4.30	4.60	5.00
4. Were special techniques successful	0	0	0	1	0	0	б	4.57	159/ 788	4.57	4.30	4.00	4.26	4.57
Seminar														
1. Were assigned topics relevant to the announced theme	4	0	0	1	0	0	2	4.00	54/ 68	4.00	4.37	4.49	4.68	4.00
2. Was the instructor available for individual attention	4	0	0	1	0	0	2	4.00	58/ 69	4.00	4.50	4.53	4.64	4.00
3. Did research projects contribute to what you learned	4	1	0	0	0	0	2	5.00	1/ 63	5.00	4.59	4.44	4.49	5.00
4. Did presentations contribute to what you learned	4	0	0	0	0	1	2	4.67	31/ 69	4.67	4.30	4.35	4.53	4.67
5. Were criteria for grading made clear	4	0	0	0	0	0	3	5.00	1/ 68	5.00	4.53	3.92	4.10	5.00
Field Work														
1. Did field experience contribute to what you learned	4	0	0	0	0	0	3	5.00	1/ 59	5.00	4.44	4.30	4.93	5.00
2. Did you clearly understand your evaluation criteria	4	0	0	1	0	0	2	4.00	28/ 51	4.00	4.22	4.00	4.56	4.00
3. Was the instructor available for consultation	4	0	0	0	0	0	3	5.00	1/ 36	5.00	4.42	4.60	4.91	5.00
4. To what degree could you discuss your evaluations	4	0	0	0	0	0	3	5.00	1/ 41	5.00	4.19	4.26	4.72	5.00
5. Did conferences help you carry out field activities	4	0	0	0	0	0	3	5.00	1/ 31	5.00	4.21	4.42	4.83	5.00

Credits Ea	arned	Cum. GPA	L L	Expected	d Grades	Reasons		Туре		Majors	
00-27	0	0.00-0.99	0	A	7	Required for Majors	0	Graduate	0	Major	0
28-55	0	1.00-1.99	0	В	0						
56-83	0	2.00-2.99	0	C	0	General	0	Under-grad	7	Non-major	0
84-150	3	3.00-3.49	1	D	0						
Grad.	0	3.50-4.00	5	F	0	Electives	0	#### - Means	there	are not enough	
				P	0			responses to	be sig	gnificant	
				I	0	Other	7	-			
				?	0						

# Student Course Evaluation Questionnaire

0	NTD	<b>NT 7</b>		-	ncies		F		ructor	Course	-			Sect
Questions	NR	NA 	1	2	3	4	э 	Mean	Rank	Mean	mean	Mean	Mean	
General														
1. Did you gain new insights, skills from this course	1	0	4	4	2	8	4	3.18	1429/1481	3.18	4.34	4.29	4.45	3.18
2. Did the instructor make clear the expected goals	2	0	2	2	б	4	7		1296/1481		4.26	4.23	4.32	3.57
3. Did the exam questions reflect the expected goals	2	14	0	1	1	1	4	4.14	824/1249		4.20	4.27	4.44	4.14
4. Did other evaluations reflect the expected goals	1	1	2	4	2	9	4		1293/1424		4.37	4.21	4.35	3.43
5. Did assigned readings contribute to what you learned	1	0	7	4	4	4	3		1355/1396		4.09	3.98	4.09	2.64
6. Did written assignments contribute to what you learned	1	0	1	6	8	4	3		1257/1342		4.22	4.07	4.21	3.09
7. Was the grading system clearly explained	1 1	0 0	4 0	4 0	1 0	6 0	22	3.36	1309/1459		4.30	4.16	$4.25 \\ 4.74$	3.36 5.00
<ol> <li>How many times was class cancelled</li> <li>How would you grade the overall teaching effectiveness</li> </ol>	1 6	1	0	3	6	4	22 3		1/1480 1253/1450		4.72 4.11	4.68 4.09	4.74	5.00 3.44
9. Now would you grade the overall teaching effectiveness	0	T	0	2	0	4	5	3.44	1253/1450	5.44	4.11	4.09	4.20	3.44
Lecture														
1. Were the instructor's lectures well prepared	6	0	0	1	3	5	8		1080/1409		4.46	4.42	4.51	4.18
2. Did the instructor seem interested in the subject	6	0	0	0	3	3	11		1130/1407	4.47	4.79	4.69	4.79	4.47
3. Was lecture material presented and explained clearly	6	0	1	3	3	4			1203/1399		4.39	4.26	4.36	3.65
4. Did the lectures contribute to what you learned	7	0	2	1 2	5	4			1248/1400		4.29	4.27		3.44
5. Did audiovisual techniques enhance your understanding	б	0	1	2	4	6	4	3.59	866/1179	3.59	3.92	3.96	4.07	3.59
Discussion														
1. Did class discussions contribute to what you learned	11	0	1	0	1	5	5	4.08	680/1262		4.41	4.05	4.33	4.08
2. Were all students actively encouraged to participate	11	0	0	0	1	1	10	4.75	358/1259		4.59	4.29	4.57	4.75
3. Did the instructor encourage fair and open discussion	11	0	1	0	0	4	7	4.33	723/1256		4.53	4.30	4.60	4.33
4. Were special techniques successful	11	3	0	0	3	4	2	3.89	492/ 788	3.89	4.30	4.00	4.26	3.89
Laboratory														
2. Were you provided with adequate background information	22	0	0	0	0	0	1		****/ 249	* * * *	4.33	4.11	3.87	* * * *
3. Were necessary materials available for lab activities	22	0	0	0	0	0	1		****/ 242	* * * *	4.33	4.40	4.45	* * * *
4. Did the lab instructor provide assistance	22	0	0	0	0	0	1		****/ 240	* * * *	4.67	4.20	4.43	* * * *
5. Were requirements for lab reports clearly specified	22	0	0	0	0	0	1	5.00	****/ 217	* * * *	4.47	4.04	3.86	* * * *
Seminar														
1. Were assigned topics relevant to the announced theme	12	0	1	1	3	2	4		61/ 68	3.64	4.37	4.49	4.68	3.64
2. Was the instructor available for individual attention	12	0	0	3	1	2	5	3.82	63/ 69	3.82	4.50	4.53	4.64	3.82
3. Did research projects contribute to what you learned	12	0	1	1	2	3		3.73	54/ 63		4.59	4.44	4.49	3.73
4. Did presentations contribute to what you learned	12	0	1	3	3	1	3	3.18	65/ 69		4.30	4.35		3.18
5. Were criteria for grading made clear	12	1	2	1	1	3	3	3.40	50/ 68	3.40	4.53	3.92	4.10	3.40
Field Work														
1. Did field experience contribute to what you learned	18	0	0	0	0	0	5	5.00	****/ 59	* * * *	4.44	4.30	4.93	* * * *
2. Did you clearly understand your evaluation criteria	18	0	0	0	1	1	3	4.40	****/ 51	* * * *	4.22	4.00	4.56	* * * *
3. Was the instructor available for consultation	18	0	0	0	1	1	3	4.40	****/ 36		4.42	4.60	4.91	* * * *
4. To what degree could you discuss your evaluations	18	0	0	1	0	1	3		****/ 41	* * * *	4.19	4.26	4.72	* * * *
5. Did conferences help you carry out field activities	18	1	0	0	1	0	3	4.50	****/ 31	* * * *	4.21	4.42	4.83	* * * *
Self Paced														
1. Did self-paced system contribute to what you learned	22	0	0	0	0	0	1	5.00	****/ 55	* * * *	5.00	4.55	4.86	* * * *
2. Did study questions make clear the expected goal	22	0	0	0	0	0	1	5.00	****/ 31	* * * *	5.00	4.75	5.00	* * * *
3. Were your contacts with the instructor helpful	22	0	0	0	0	0	1	5.00	****/ 51	* * * *	5.00	4.65	4.71	* * * *
4. Was the feedback/tutoring by proctors helpful	22	0	0	0	0	0	1	5.00	****/ 34	* * * *	5.00	4.83	5.00	* * * *
5. Were there enough proctors for all the students	22	0	0	0	0	0	1	5.00	****/ 24	* * * *	5.00	4.82	5.00	* * * *

Course-Section:	EDUC 408 0101	University of Maryland	Page 548
Title	SCNDRY INTRNSHP SEMINA	Baltimore County	JUN 13, 2006
Instructor:	OLIVA, LINDA M.	Spring 2006	Job IRBR3029
Enrollment:	23		
Questionnaires:	23	Student Course Evaluation Questionnaire	

Credits Ea	arned	Cum. GPA		Expecte	ed Grades	Reasons		Туре		Majors	
00-27	1	0.00-0.99	0	A	18	Required for Majors	0	Graduate	2	Major	0
28-55	2	1.00-1.99	0	В	2						
56-83	0	2.00-2.99	1	C	0	General	0	Under-grad	21	Non-major	8
84-150	7	3.00-3.49	7	D	0						
Grad.	2	3.50-4.00	7	F	0	Electives	0	#### - Means	there	are not enough	L
				P	0			responses to	be sig	gnificant	
				I	0	Other	19				
				?	0						

### Student Course Evaluation Questionnaire

				Fre	equei	ncies	3		Inst	tructor	Course	Dept	UMBC	Level	Sect
	Questions	NR	NA	1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
1	General Did you gain new insights,skills from this course	0	0	1	3	2	7	7	2 00	1225/1481	3.80	4.34	4.29	4.45	3.80
	Did the instructor make clear the expected goals	1	0	1	3	∠ 2	8	5		1225/1481	3.80	4.34	4.29	4.45	3.80
	Did the exam questions reflect the expected goals	0	16	0	0	0	。 1	3		****/1249	5.00 ****	4.20	4.23	4.32	5.00 ****
	Did other evaluations reflect the expected goals	0	0	1	1	4	1	13	4.20	807/1424	4.20	4.37	4.27	4.35	4.20
	Did assigned readings contribute to what you learned	0	0	⊥ 3	2	4 5	1 8	2		1218/1396		4.37	4.21 3.98	4.35	4.20
	Did written assignments contribute to what you learned	1	0	3	2 0	5 2	8 7	∠ 9	3.20 4.21	573/1342		4.09	3.98	4.09	3.20
	Was the grading system clearly explained	1	0	1	1	2 0	6	9 11	4.21			4.22	4.07	4.21	4.21
	How many times was class cancelled	1	0	0	0	0	0	19	4.32 5.00	1/1480	4.32 5.00	4.30	4.10	4.25	4.32 5.00
	How would you grade the overall teaching effectiveness	0	1	1	1	3	6	19	4.00	836/1450	4.00	4.72	4.00		4.00
9.	How would you grade the overall teaching effectiveness	0	T	T	T	3	0	0	4.00	030/1450	4.00	4.11	4.09	4.20	4.00
	Lecture														
	Were the instructor's lectures well prepared	2	0	0	1	2	1	14	4.56	705/1409	4.56	4.46	4.42	4.51	4.56
	Did the instructor seem interested in the subject	2	0	0	0	1	1	16	4.83	659/1407	4.83	4.79	4.69	4.79	4.83
	Was lecture material presented and explained clearly	2	0	2	2	2	2	10	3.89	1105/1399	3.89	4.39	4.26	4.36	3.89
	Did the lectures contribute to what you learned	2	0	2	0	5	4	7	3.78	1135/1400	3.78	4.29	4.27	4.38	3.78
5.	Did audiovisual techniques enhance your understanding	1	1	1	0	3	6	8	4.11	549/1179	4.11	3.92	3.96	4.07	4.11
	Discussion														
1	Did class discussions contribute to what you learned	4	0	1	0	2	5	8	4.19	617/1262	4.19	4.41	4.05	4.33	4.19
	Were all students actively encouraged to participate	4	0	1	0	2	3	10	4.31	743/1259	4.31	4.59	4.29	4.57	4.31
	Did the instructor encourage fair and open discussion	4	0	1	0	1	2	12	4.50	571/1256		4.53	4.30		4.50
	Were special techniques successful	5	1	0	0	0	5	9					4.00		4.64
	Laboratory														
2.	Were you provided with adequate background information	19	0	0	0	0	0	1	5.00	****/ 249	* * * *	4.33	4.11	3.87	* * * *
										,					
	Seminar														
	Were assigned topics relevant to the announced theme	19	0	0	0	0	0	1		****/ 68	* * * *	4.37	4.49	4.68	* * * *
	Was the instructor available for individual attention	19	0	0	0	0	0	1	5.00	****/ 69	* * * *	4.50	4.53	4.64	* * * *
	Did research projects contribute to what you learned	19	0	0	0	0	0	1	5.00	****/ 63	* * * *	4.59	4.44	4.49	* * * *
	Did presentations contribute to what you learned	19	0	0	0	0	0	1		****/ 69	* * * *	4.30	4.35	4.53	* * * *
5.	Were criteria for grading made clear	19	0	0	0	0	0	1	5.00	****/ 68	****	4.53	3.92	4.10	* * * *
	Field Work														
1.	Did field experience contribute to what you learned	15	0	0	0	0	2	3	4.60	27/ 59	4.60	4.44	4.30	4.93	4.60
2.	Did you clearly understand your evaluation criteria	15	0	0	0	0	3	2	4.40	21/ 51	4.40	4.22	4.00	4.56	4.40
3.	Was the instructor available for consultation	15	0	0	0	0	2	3	4.60	23/ 36	4.60	4.42	4.60	4.91	4.60
4.	To what degree could you discuss your evaluations	15	0	1	0	0	0	4	4.20	23/ 41	4.20	4.19	4.26	4.72	4.20
5.	Did conferences help you carry out field activities	15	1	0	0	0	1	3	4.75	****/ 31	* * * *	4.21	4.42	4.83	* * * *
	Self Paced														
1	Did self-paced system contribute to what you learned	19	0	0	0	0	0	1	5.00	****/ 55	* * * *	5.00	4.55	4.86	* * * *
	Were your contacts with the instructor helpful	19	0	0	0	0	0	1	5.00	****/ 51	* * * *	5.00	4.65	4.71	* * * *
. ر	were your concaces with the implification merbint	19	U	0	0	0	0	Ŧ	5.00	, 51		5.00	1.05	1./1	

Credits Ea	arned	Cum. GPA		Expected	l Grades	Reasons		Туре		Majors	
00-27	1	0.00-0.99	0	 А	15	Required for Majors	0	Graduate	0	Major	0
28-55	0	1.00-1.99	0	В	3						
56-83	5	2.00-2.99	2	С	1	General	0	Under-grad	20	Non-major	0
84-150	5	3.00-3.49	7	D	0						
Grad.	0	3.50-4.00	7	F	0	Electives	0	#### - Means	s there	are not enough	L

P 0 I 0 ? 0

Other

responses to be significant

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### Student Course Evaluation Questionnaire

			Fre	equer	ncies	3		Inst	ructor	Course	Dept	UMBC	Level	Sect
Questions	NR	NA	1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
General														
1. Did you gain new insights,skills from this course	0	0	0	0	0	б	10	4.63	439/1481	4.63	4.34	4.29	4.45	4.63
2. Did the instructor make clear the expected goals	0	0	0	0	0	7	9	4.56	446/1481	4.56	4.26	4.23	4.32	4.56
3. Did the exam questions reflect the expected goals	0	14	0	0	0	0	2	5.00	****/1249	* * * *	4.20	4.27	4.44	* * * *
4. Did other evaluations reflect the expected goals	0	0	0	0	0	3	13	4.81	173/1424	4.81	4.37	4.21	4.35	4.81
5. Did assigned readings contribute to what you learned	0	0	0	0	0	1	15	4.94	57/1396	4.94	4.09	3.98	4.09	4.94
6. Did written assignments contribute to what you learned	0	0	0	0	0	б	10	4.63	222/1342	4.63	4.22	4.07	4.21	4.63
7. Was the grading system clearly explained	0	0	0	0	3	2	11	4.50	460/1459	4.50	4.30	4.16	4.25	4.50
8. How many times was class cancelled	0	0	0	0	0	0	16	5.00	1/1480	5.00	4.72	4.68	4.74	5.00
9. How would you grade the overall teaching effectiveness	3	0	0	0	0	б	7	4.54	311/1450	4.54	4.11	4.09	4.28	4.54
Lecture														
1. Were the instructor's lectures well prepared	2	0	0	0	0	2	12	4.86	261/1409	4.86	4.46	4.42	4.51	4.86
2. Did the instructor seem interested in the subject	2	0	0	0	0	0	14	5.00	1/1407	5.00	4.79	4.69	4.79	5.00
3. Was lecture material presented and explained clearly	2	0	0	0	0	5	9	4.64	404/1399	4.64	4.39	4.26	4.36	4.64
4. Did the lectures contribute to what you learned	2	1	0	0	0	2	11	4.85	208/1400	4.85	4.29	4.27	4.38	4.85
5. Did audiovisual techniques enhance your understanding	2	7	0	0	1	2	4	4.43	323/1179	4.43	3.92	3.96	4.07	4.43
Discussion														
1. Did class discussions contribute to what you learned	2	0	0	0	0	З	11	4.79	182/1262	4.79	4.41	4.05	4.33	4.79
2. Were all students actively encouraged to participate	2	0	0	0	1	1	12	4.79	325/1259	4.79	4.59	4.29	4.57	4.79
3. Did the instructor encourage fair and open discussion	2	Ő	0	0	0	0	14	5.00	1/1256		4.53	4.30	4.60	5.00
4. Were special techniques successful	2	3	0	0	0	3	8	4.73	114/ 788		4.30	4.00	4.26	4.73

Credits E	Carned	Cum. GPA		Expecte	d Grades	Reasons		Туре		Majors	
00-27	1	0.00-0.99	0	А А	14	Required for Majors	0	Graduate	0	Major	0
28-55	0	1.00-1.99	0	В	2						
56-83	0	2.00-2.99	1	C	0	General	6	Under-grad	16	Non-major	0
84-150	10	3.00-3.49	2	D	0						
Grad.	0	3.50-4.00	8	F	0	Electives	0	#### - Means	there	are not enough	
				P	0			responses to	be sig	gnificant	
				I	0	Other	10				
				?	0						

### Student Course Evaluation Questionnaire

			Fre	equei	ncie	3		Inst	ructor	Course	Dept	UMBC	Level	Sect
Questions	NR	NA	1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
General														
1. Did you gain new insights, skills from this course	0	0	0	0	0	4	4	4.50	549/1481	4.50	4.34	4.29	4.45	4.50
2. Did the instructor make clear the expected goals	0	0	0	1	0	0	7	4.63	374/1481	4.63	4.26	4.23	4.32	4.63
3. Did the exam questions reflect the expected goals	1	5	0	0	0	1	1	4.50	498/1249	4.50	4.20	4.27	4.44	4.50
4. Did other evaluations reflect the expected goals	1	1	0	0	0	3	3	4.50	437/1424	4.50	4.37	4.21	4.35	4.50
5. Did assigned readings contribute to what you learned	0	0	0	0	1	2	5	4.50	297/1396	4.50	4.09	3.98	4.09	4.50
6. Did written assignments contribute to what you learned	0	0	0	0	1	1	6	4.63	222/1342	4.63	4.22	4.07	4.21	4.63
7. Was the grading system clearly explained	0	0	0	0	0	3	5	4.63	321/1459	4.63	4.30	4.16	4.25	4.63
8. How many times was class cancelled	0	0	0	0	0	7	1	4.13	1309/1480	4.13	4.72	4.68	4.74	4.13
9. How would you grade the overall teaching effectiveness	1	0	0	1	1	5	0	3.57	1199/1450	3.57	4.11	4.09	4.28	3.57
Lecture														
1. Were the instructor's lectures well prepared	0	0	0	1	1	1	F	4 25	1031/1409	4.25	4.46	4.42	4.51	4.25
2. Did the instructor seem interested in the subject	0	0	0	0	1 1	1	5 7	4.25	568/1409	4.25	4.40	4.42	4.51	4.25
3. Was lecture material presented and explained clearly	0	0	0	0	1	2	4	4.00	713/1399	4.00	4.79	4.09	4.79	4.00
4. Did the lectures contribute to what you learned	0	0	0	0	1	2	4	4.38	741/1400	4.38	4.29	4.20	4.38	4.38
5. Did audiovisual techniques enhance your understanding	0	0	0	0	1	0	4 7	4.75	134/1179		4.29	4.27	4.30	4.30
5. Did audiovisual techniques enhance your understanding	U	0	0	0	T	0	/	4./5	134/11/9	4./5	3.92	3.90	4.07	4./5
Discussion														
1. Did class discussions contribute to what you learned	1	0	0	0	2	1	4	4.29	550/1262	4.29	4.41	4.05	4.33	4.29
2. Were all students actively encouraged to participate	1	0	0	0	2	1	4	4.29	764/1259	4.29	4.59	4.29	4.57	4.29
3. Did the instructor encourage fair and open discussion	1	0	0	2	0	1	4	4.00	901/1256	4.00	4.53	4.30	4.60	4.00
4. Were special techniques successful	1	2	0	0	0	3	2	4.40	218/ 788	4.40	4.30	4.00	4.26	4.40
Field Work														
1. Did field experience contribute to what you learned	6	0	0	0	0	0	2	5.00	1/ 59	5.00	4.44	4.30	4.93	5.00
2. Did you clearly understand your evaluation criteria	6	0	0	0	0	1	1	4.50	11/ 51		4.22	4.00	4.56	4.50
3. Was the instructor available for consultation	6	1	1	0	0	0	0	1.00	****/ 36		4.42	4.60	4.91	****
5. Was the instructor available for consultation	0	Ŧ	T	0	0	0	0	1.00	/ 30		1.12	1.00	7.91	

Credits Ea	arned	Cum. GPA	L	Expected	d Grades	Reasons		Туре		Majors	
00-27	1	0.00-0.99	0	A	5	Required for Majors	0	Graduate	0	Major	0
28-55	0	1.00-1.99	0	В	1						
56-83	2	2.00-2.99	0	С	0	General	0	Under-grad	8	Non-major	1
84-150	0	3.00-3.49	3	D	0						
Grad.	0	3.50-4.00	2	F	0	Electives	0	#### - Means	there	are not enough	L
				P	0			responses to	be sig	gnificant	
				I	0	Other	б				
				?	0						

### Student Course Evaluation Questionnaire

			Fre	equer	ncies	5		Inst	ructor	Course	Dept	UMBC	Level	Sect
Questions	NR	NA	1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
General														
1. Did you gain new insights, skills from this course	1	0	0	0	0	2	12	4.86	196/1481	4.86	4.34	4.29	4.28	4.86
2. Did the instructor make clear the expected goals	1	0	0	0	2	3	9	4.50	517/1481	4.50	4.26	4.23	4.11	4.50
3. Did the exam questions reflect the expected goals	1	5	0	0	1	2	6	4.56	451/1249	4.56	4.20	4.27	4.24	4.56
4. Did other evaluations reflect the expected goals	1	0	0	0	0	3	11	4.79	193/1424	4.79	4.37	4.21	4.16	4.79
5. Did assigned readings contribute to what you learned	1	0	1	1	2	4	6	3.93	782/1396	3.93	4.09	3.98	4.00	3.93
6. Did written assignments contribute to what you learned	1	0	0	0	1	1	12	4.79	121/1342	4.79	4.22	4.07	4.18	4.79
7. Was the grading system clearly explained	1	0	0	1	0	0	13	4.79	175/1459	4.79	4.30	4.16	4.01	4.79
8. How many times was class cancelled	1	0	0	0	1	0	13	4.86	770/1480	4.86	4.72	4.68	4.74	4.86
9. How would you grade the overall teaching effectiveness	5	2	0	0	0	4	4	4.50	334/1450	4.50	4.11	4.09	3.96	4.50
Lecture														
1. Were the instructor's lectures well prepared	1	0	0	0	0	4	10	4.71	483/1409	4.71	4.46	4.42	4.36	4.71
2. Did the instructor seem interested in the subject	1	0	0	0	0	1	13	4.93	400/1407	4.93	4.79	4.69	4.73	4.93
3. Was lecture material presented and explained clearly	1	0	0	0	1	3	10	4.64	404/1399	4.64	4.39	4.26	4.16	4.64
4. Did the lectures contribute to what you learned	1	0	0	0	0	3	11	4.79	274/1400	4.79	4.29	4.27	4.17	4.79
5. Did audiovisual techniques enhance your understanding	2	0	1	1	0	4	7	4.15	518/1179	4.15	3.92	3.96	3.81	4.15
Discussion														
1. Did class discussions contribute to what you learned	1	0	0	0	1	2	11	4.71	236/1262	4.71	4.41	4.05	4.07	4.71
2. Were all students actively encouraged to participate	1	0	0	0	2	2	9	4.50	588/1259	4.50	4.59	4.29	4.30	4.50
3. Did the instructor encourage fair and open discussion	1	0	0	0	0	2	12	4.86	256/1256	4.86	4.53	4.30	4.33	4.86
4. Were special techniques successful	1	0	0	0	2	6	6	4.29	278/ 788	4.29	4.30	4.00	3.97	4.29
Laboratory	1.4	0	0	0	0	0	-	F 00	****	de de de de		4 0 0	4 0 5	ale ale ale ale
1. Did the lab increase understanding of the material	14	0	0	0	0	0	Ţ	5.00	****/ 246	* * * *	4.44	4.20	4.27	* * * *

Credits Ea	arned	Cum. GPA	1	Expected	d Grades	Reasons		Туре		Majors	
00-27	1	0.00-0.99	1	A	9	Required for Majors	0	Graduate	5	Major	0
28-55	0	1.00-1.99	0	В	0						
56-83	0	2.00-2.99	0	C	0	General	0	Under-grad	10	Non-major	4
84-150	0	3.00-3.49	0	D	0						
Grad.	5	3.50-4.00	1	F	0	Electives	0	#### - Means	there	are not enough	L
				P	0			responses to	be sig	gnificant	
				I	0	Other	10				
				?	0						

### Student Course Evaluation Questionnaire

			Fre	equer	ncies	3		Inst	ructor	Course	Dept	UMBC	Level	Sect
Questions	NR	NA	1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
General														
1. Did you gain new insights,skills from this course	0	0	0	0	0	3	4	4.57	487/1481	4.57	4.34	4.29	4.28	4.57
2. Did the instructor make clear the expected goals	0	0	0	0	2	2	3	4.14	925/1481	4.14	4.26	4.23	4.11	4.14
4. Did other evaluations reflect the expected goals	0	0	0	0	0	3	4	4.57	364/1424	4.57	4.37	4.21	4.16	4.57
5. Did assigned readings contribute to what you learned	0	0	0	0	1	1	5	4.57	257/1396	4.57	4.09	3.98	4.00	4.57
6. Did written assignments contribute to what you learned	0	0	0	0	0	2	5	4.71	153/1342	4.71	4.22	4.07	4.18	4.71
7. Was the grading system clearly explained	0	0	0	0	1	2	4	4.43	580/1459	4.43	4.30	4.16	4.01	4.43
8. How many times was class cancelled	0	0	0	0	0	0	7	5.00	1/1480	5.00	4.72	4.68	4.74	5.00
9. How would you grade the overall teaching effectiveness	1	0	0	0	3	1	2	3.83	1030/1450	3.83	4.11	4.09	3.96	3.83
Lecture														
1. Were the instructor's lectures well prepared	0	0	0	0	Ο	5	2	4 29	1013/1409	4.29	4.46	4.42	4.36	4.29
2. Did the instructor seem interested in the subject	0	0	0	0	0	1	6	4.86	614/1407	4.86	4.79	4.69	4.73	4.86
3. Was lecture material presented and explained clearly	0	0	0	0	2	⊥ ג	2		1002/1399	4.00	4.39	4.26	4.16	4.00
4. Did the lectures contribute to what you learned	0	0	0	0	2	2	3	4.14	953/1400	4.14	4.29	4.27	4.17	4.14
5. Did audiovisual techniques enhance your understanding	1	3	0	0	0	1	2	4.67	177/1179	4.67	3.92	3.96	3.81	4.67
Discussion														
1. Did class discussions contribute to what you learned	1	0	0	0	2	2	2	4.00	708/1262	4.00	4.41	4.05	4.07	4.00
<ol><li>Were all students actively encouraged to participate</li></ol>	1	0	0	0	0	0	б	5.00	1/1259	5.00	4.59	4.29	4.30	5.00
3. Did the instructor encourage fair and open discussion	1	0	0	0	0	1	5	4.83	272/1256	4.83	4.53	4.30	4.33	4.83
4. Were special techniques successful	1	1	0	0	1	3	1	4.00	394/ 788	4.00	4.30	4.00	3.97	4.00
Laboratory														
1. Did the lab increase understanding of the material	б	0	0	0	0	1	0	4.00	****/ 246	* * * *	4.44	4.20	4.27	* * * *
2. Were you provided with adequate background information	6	0	0	0	0	1	0	4.00	****/ 249	* * * *	4.33	4.11	3.93	* * * *
4. Did the lab instructor provide assistance	6	0	0	1	0	0	0	2.00	****/ 240	* * * *	4.67	4.20	4.15	* * * *
_														

Credits Ea	arned	Cum. GPA		Expected	d Grades	Reasons		Туре		Majors	
00-27	1	0.00-0.99	1	А	7	Required for Majors	0	Graduate	3	Major	0
28-55	0	1.00-1.99	0	В	0						
56-83	0	2.00-2.99	0	С	0	General	0	Under-grad	4	Non-major	0
84-150	0	3.00-3.49	1	D	0						
Grad.	3	3.50-4.00	1	F	0	Electives	0	#### - Means	there	are not enough	
				P	0			responses to	be sig	gnificant	
				I	0	Other	7				
				?	0						

### Student Course Evaluation Questionnaire

			Fre	equer	ncies	3		Inst	ructor	Course	Dept	UMBC	Level	Sect
Questions	NR	NA	1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
General														
1. Did you gain new insights, skills from this course	0	0	0	0	0	2	3	4.60	461/1481	4.60	4.34	4.29	4.28	4.60
2. Did the instructor make clear the expected goals	0	0	0	0	0	0	5	5.00	1/1481	5.00	4.26	4.23	4.11	5.00
3. Did the exam questions reflect the expected goals	0	2	0	0	0	1	2	4.67	334/1249	4.67	4.20	4.27	4.24	4.67
4. Did other evaluations reflect the expected goals	0	1	0	0	0	0	4	5.00	1/1424	5.00	4.37	4.21	4.16	5.00
5. Did assigned readings contribute to what you learned	0	0	0	0	2	1	2	4.00	707/1396	4.00	4.09	3.98	4.00	4.00
6. Did written assignments contribute to what you learned	0	0	0	0	1	1	3	4.40	405/1342	4.40	4.22	4.07	4.18	4.40
7. Was the grading system clearly explained	0	0	0	0	0	2	3	4.60	344/1459	4.60	4.30	4.16	4.01	4.60
8. How many times was class cancelled	0	0	0	0	0	3	2	4.40	1114/1480	4.40	4.72	4.68	4.74	4.40
9. How would you grade the overall teaching effectiveness	2	0	0	0	0	1	2	4.67	217/1450	4.67	4.11	4.09	3.96	4.67
Lecture														
1. Were the instructor's lectures well prepared	0	0	0	0	0	1	4	4.80	334/1409	4.80	4.46	4.42	4.36	4.80
2. Did the instructor seem interested in the subject	0	0	0	0	0	1	4	4.80	728/1407	4.80	4.79	4.69	4.73	4.80
3. Was lecture material presented and explained clearly	0	0	0	0	0	1	4	4.80	212/1399	4.80	4.39	4.26	4.16	4.80
4. Did the lectures contribute to what you learned	0	0	0	0	0	2	3	4.60	492/1400	4.60	4.29	4.27	4.17	4.60
5. Did audiovisual techniques enhance your understanding	0	1	1	0	1	1	1	3.25	997/1179	3.25	3.92	3.96	3.81	3.25
Discussion														
1. Did class discussions contribute to what you learned	2	0	0	0	0	1	2	4.67	264/1262	4.67	4.41	4.05	4.07	4.67
2. Were all students actively encouraged to participate	2 2	0	0	0	1	0	2	4.87	729/1252	4.87	4.41	4.05	4.07	4.87
3. Did the instructor encourage fair and open discussion	2 2	0	0	0	0	1	∠ 2	4.55	457/1256	4.33	4.59	4.29	4.30	4.33
4. Were special techniques successful	2 2	0	1	0	0	0	2	4.67	457/1256 564/ 788	4.67	4.33	4.30	4.33	4.67
4. Were special techniques successiul	2	0	T	0	0	0	2	5.07	504/ /00	5.07	4.30	4.00	5.91	5.07
Field Work														
1. Did field experience contribute to what you learned	3	0	0	0	0	0	2	5.00	1/ 59	5.00	4.44	4.30	4.01	5.00
2. Did you clearly understand your evaluation criteria	3	0	0	0	0	0	2	5.00	1/ 51	5.00	4.22	4.00	3.81	5.00
3. Was the instructor available for consultation	3	1	0	0	0	0	1	5.00	****/ 36	* * * *	4.42	4.60	4.65	* * * *
4. To what degree could you discuss your evaluations	3	0	0	0	0	0	2	5.00	1/ 41	5.00	4.19	4.26	4.27	5.00
5. Did conferences help you carry out field activities	3	1	0	0	0	0	1	5.00	****/ 31	* * * *	4.21	4.42	4.58	* * * *

Credits E	arned	Cum. GPA		Expected	l Grades	Reasons		Туре		Majors	
00-27	0	0.00-0.99	0	A	4	Required for Majors	0	Graduate	2	Major	0
28-55	0	1.00-1.99	0	В	0						
56-83	0	2.00-2.99	0	С	0	General	0	Under-grad	3	Non-major	0
84-150	0	3.00-3.49	0	D	0						
Grad.	2	3.50-4.00	2	F	0	Electives	0	#### - Means	there	are not enough	1
				P	0			responses to	be sig	nificant	
				I	0	Other	4	-			
				?	0						

### Student Course Evaluation Questionnaire

			Fre	equer	ncies	3		Inst	ructor	Course	Dept	UMBC	Level	Sect
Questions	NR	NA	1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
General														
1. Did you gain new insights,skills from this course	0	0	0	0	0	2	8	4.80	233/1481	4.80	4.34	4.29	4.28	4.80
2. Did the instructor make clear the expected goals	0	0	0	0	1	1	8	4.70	286/1481	4.70	4.26	4.23	4.11	4.70
3. Did the exam questions reflect the expected goals	0	5	0	0	1	0	4	4.60	405/1249	4.60	4.20	4.27	4.24	4.60
4. Did other evaluations reflect the expected goals	0	0	0	0	0	2	8	4.80	178/1424	4.80	4.37	4.21	4.16	4.80
5. Did assigned readings contribute to what you learned	0	0	1	0	1	3	5	4.10	643/1396	4.10	4.09	3.98	4.00	4.10
6. Did written assignments contribute to what you learned	0	0	0	0	0	1	9	4.90	86/1342	4.90	4.22	4.07	4.18	4.90
7. Was the grading system clearly explained	0	0	0	0	0	1	9	4.90	101/1459	4.90	4.30	4.16	4.01	4.90
8. How many times was class cancelled	0	0	0	0	0	0	10	5.00	1/1480	5.00	4.72	4.68	4.74	5.00
9. How would you grade the overall teaching effectiveness	3	0	0	0	0	2	5	4.71	184/1450	4.71	4.11	4.09	3.96	4.71
Lecture														
1. Were the instructor's lectures well prepared	0	0	0	0	1	1	8	4.70	514/1409	4.70	4.46	4.42	4.36	4.70
2. Did the instructor seem interested in the subject	0	0	0	0	0	1	9	4.90	500/1407	4.90	4.79	4.69	4.73	4.90
3. Was lecture material presented and explained clearly	0	0	0	0	0	1	9	4.90	129/1399	4.90	4.39	4.26	4.16	4.90
4. Did the lectures contribute to what you learned	0	0	0	0	1	0	9	4.80	250/1400	4.80	4.29	4.27	4.17	4.80
5. Did audiovisual techniques enhance your understanding	0	1	1	0	2	4	2	3.67	840/1179	3.67	3.92	3.96	3.81	3.67
Discussion	0	0	~	~	0	-	~	4 0 0	100/1000	4 0 0	4 4 1	4 05	4 0 7	4 0 0
1. Did class discussions contribute to what you learned	0	0	0	0	0	T	9	4.90	126/1262	4.90	4.41	4.05	4.07	4.90
2. Were all students actively encouraged to participate	0	0	0	0	1	0	9	4.80	304/1259	4.80	4.59	4.29	4.30	4.80
3. Did the instructor encourage fair and open discussion	0	0	0	0	Ţ	U	9	4.80	296/1256	4.80	4.53	4.30	4.33	4.80
4. Were special techniques successful	0	0	U	U	U	2	8	4.80	89/ 788	4.80	4.30	4.00	3.97	4.80

Credits Ea	arned	Cum. GPA		Expected	l Grades	Reasons		Туре		Majors	
00-27	1	0.00-0.99	0	А А	9	Required for Majors	0	Graduate	8	Major	0
28-55	0	1.00-1.99	0	В	0						
56-83	0	2.00-2.99	0	С	0	General	0	Under-grad	2	Non-major	4
84-150	0	3.00-3.49	0	D	0						
Grad.	8	3.50-4.00	8	F	0	Electives	0	#### - Means	there	are not enough	L
				P	0			responses to	be sig	gnificant	
				I	0	Other	7	_			
				?	0						

### Student Course Evaluation Questionnaire

			Fre	equer	ncies	3		Inst	ructor	Course	Dept	UMBC	Level	Sect
Questions	NR	NA	1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
General														
1. Did you gain new insights,skills from this course	0	0	0	0	0	2	1	4.33	749/1481	4.33	4.34	4.29	4.28	4.33
2. Did the instructor make clear the expected goals	0	0	0	0	1	1	1	4.00	1000/1481	4.00	4.26	4.23	4.11	4.00
3. Did the exam questions reflect the expected goals	0	0	1	0	1	1	0	2.67	1226/1249	2.67	4.20	4.27	4.24	2.67
4. Did other evaluations reflect the expected goals	0	0	0	2	0	0	1	3.00	1361/1424	3.00	4.37	4.21	4.16	3.00
5. Did assigned readings contribute to what you learned	0	0	0	0	0	1	2	4.67	193/1396	4.67	4.09	3.98	4.00	4.67
6. Did written assignments contribute to what you learned	1	0	0	0	0	2	0	4.00	755/1342	4.00	4.22	4.07	4.18	4.00
7. Was the grading system clearly explained	0	0	0	0	1	2	0	3.67	1201/1459	3.67	4.30	4.16	4.01	3.67
8. How many times was class cancelled	0	0	0	0	0	3	0	4.00	1349/1480	4.00	4.72	4.68	4.74	4.00
9. How would you grade the overall teaching effectiveness	1	0	0	1	0	1	0	3.00	1354/1450	3.00	4.11	4.09	3.96	3.00
Lecture														
1. Were the instructor's lectures well prepared	1	0	0	0	0	0	2	5.00	1/1409	5.00	4.46	4.42	4.36	5.00
2. Did the instructor seem interested in the subject	0	0	0	0	0	3	0	4.00	1296/1407	4.00	4.79	4.69	4.73	4.00
3. Was lecture material presented and explained clearly	0	0	0	0	2	0	1		1196/1399	3.67	4.39	4.26	4.16	3.67
4. Did the lectures contribute to what you learned	0	0	0	0	3	0	0	3.00	1312/1400	3.00	4.29	4.27	4.17	3.00
5. Did audiovisual techniques enhance your understanding	0	0	0	0	1	1	1	4.00	590/1179	4.00	3.92	3.96	3.81	4.00
Discussion														
1. Did class discussions contribute to what you learned	0	0	0	0	1	1	1	4.00	708/1262	4.00	4.41	4.05	4.07	4.00
2. Were all students actively encouraged to participate	0	0	0	0	0	2	1	4.33	729/1259	4.33	4.59	4.29	4.30	4.33
3. Did the instructor encourage fair and open discussion	0	0	0	0	0	2	1	4.33	723/1256		4.53	4.30	4.33	4.33
4. Were special techniques successful	0	0	Ő	0	1	1	1	4.00	394/ 788	4.00	4.30	4.00	3.97	4.00

Credits Earned		Cum. GPA		Expected	d Grades	Reasons		Туре		Majors	
00-27	2	0.00-0.99	0	А	1	Required for Majors	0	Graduate	0	Major	0
28-55	0	1.00-1.99	0	В	1						
56-83	0	2.00-2.99	0	С	0	General	0	Under-grad	3	Non-major	1
84-150	0	3.00-3.49	0	D	0						
Grad.	0	3.50-4.00	2	F	0	Electives	0	#### - Means	there	are not enough	1
				P	0			responses to	be sig	gnificant	
				I	0	Other	3	_			
				?	0						

### Student Course Evaluation Questionnaire

				-	ncies	5		Inst	ructor	Course	-	UMBC		Sect
Questions	NR	NA	1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
General														
1. Did you gain new insights, skills from this course	0	0	0	0	0	1	8	4.89	173/1481	4.89	4.34	4.29	4.28	4.89
2. Did the instructor make clear the expected goals	0	0	0	0	1	3	5	4.44	603/1481	4.44	4.26	4.23	4.11	4.44
3. Did the exam questions reflect the expected goals	0	8	0	0	0	0	1	5.00	****/1249	****	4.20	4.27	4.24	* * * *
4. Did other evaluations reflect the expected goals	0	0	0	0	2	2	5	4.33	645/1424	4.33	4.37	4.21	4.16	4.33
5. Did assigned readings contribute to what you learned	0	0	0	0	1	2	6	4.56	269/1396	4.56	4.09	3.98	4.00	4.56
6. Did written assignments contribute to what you learned	0	0	0	0	3	2	4	4.11	683/1342	4.11	4.22	4.07	4.18	4.11
7. Was the grading system clearly explained	0	0	0	0	1	3	5	4.44	550/1459	4.44	4.30	4.16	4.01	4.44
8. How many times was class cancelled	0	0	0	0	0	7	2	4.22	1238/1480	4.22	4.72	4.68	4.74	4.22
9. How would you grade the overall teaching effectiveness	0	0	0	0	0	2	7	4.78	154/1450	4.78	4.11	4.09	3.96	4.78
Lecture	0	0	~	~	~	2	~	4 6 7	FF0 /1 400	4 6 7	1 10	4 40	1 20	4 6 7
1. Were the instructor's lectures well prepared	0	0	0	0	0	3	6	4.67	559/1409	4.67	4.46	4.42	4.36	4.67
2. Did the instructor seem interested in the subject	0	0	0	0	0	1	8	4.89	545/1407	4.89	4.79	4.69	4.73	4.89
3. Was lecture material presented and explained clearly	0	0	0	0 0	Ţ	1	7		376/1399	4.67	4.39	4.26	4.16	4.67
4. Did the lectures contribute to what you learned	0	0	0	-	0	3	6	4.67	421/1400	4.67	4.29	4.27	4.17	4.67
5. Did audiovisual techniques enhance your understanding	0	2	0	0	4	2	1	3.57	870/1179	3.57	3.92	3.96	3.81	3.57
Discussion														
1. Did class discussions contribute to what you learned	2	0	0	0	0	2	5	4.71	236/1262	4.71	4.41	4.05	4.07	4.71
2. Were all students actively encouraged to participate	2	0	0	0	0	1	б	4.86	257/1259	4.86	4.59	4.29	4.30	4.86
3. Did the instructor encourage fair and open discussion	2	0	0	0	0	2	5	4.71	406/1256	4.71	4.53	4.30	4.33	4.71
4. Were special techniques successful	2	1	0	0	0	4	2	4.33	254/ 788	4.33	4.30	4.00	3.97	4.33
Field Work	-					-								
1. Did field experience contribute to what you learned	3	0	1	0	0	T	4	4.17	38/ 59	4.17	4.44	4.30	4.01	4.17
2. Did you clearly understand your evaluation criteria	3	0	0	1	2	0	3	3.83	37/ 51		4.22	4.00	3.81	3.83
3. Was the instructor available for consultation	3	2	0	0	1	1	2	4.25	26/ 36	4.25	4.42	4.60	4.65	4.25
4. To what degree could you discuss your evaluations	3	2	0	0	1	3	0	3.75	28/ 41		4.19	4.26	4.27	3.75
5. Did conferences help you carry out field activities	3	3	0	0	1	1	1	4.00	23/ 31	4.00	4.21	4.42	4.58	4.00
Self Paced														
1. Did self-paced system contribute to what you learned	8	0	0	0	1	0	0	3.00	****/ 55	* * * *	5.00	4.55	4.38	* * * *
3. Were your contacts with the instructor helpful	8	0	0	1	0	0	0		****/ 51	* * * *	5.00	4.65	4.54	* * * *

Credits Earned Cum. GPA				Expected	Grades	Reasons		Туре	Majors		
00-27	1	0.00-0.99	0	А	6	Required for Majors	0	Graduate	7	Major	0
28-55	0	1.00-1.99	0	В	2						
56-83	0	2.00-2.99	0	С	0	General	0	Under-grad	2	Non-major	0
84-150	0	3.00-3.49	2	D	0						
Grad.	7	3.50-4.00	6	F	0	Electives	0	#### - Means	there	are not enough	
				P	0			responses to	be sig	nificant	
				I	0	Other	9				
				?	0						

# Student Course Evaluation Questionnaire

			Fı	reque	ncie	S		Inst	ructor	Course	Dept	UMBC	Level	Sect
Questions	NR	NA	. 1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
General 1. Did you qain new insights,skills from this course	e 0	0	0	0	3	4	4	1 00	1012/1481	4.09	4.34	4.29	4.28	4.09
2. Did the instructor make clear the expected goals	e 0 1	0	-	1	0	5	4	4.20	884/1481	4.20	4.26	4.23	4.11	4.20
3. Did the exam questions reflect the expected goals		6		0	2	2	0		1118/1249	3.50	4.20	4.27	4.24	3.50
4. Did other evaluations reflect the expected goals	1	0	-	1	1	5	3	4.00	959/1424		4.37	4.21	4.16	4.00
5. Did assigned readings contribute to what you lea:	-	0	•	1	3	3	3	3.80	877/1396	3.80	4.09	3.98	4.00	3.80
6. Did written assignments contribute to what you lo		0	-	0	3	3	3	4.00		4.00	4.22	4.07	4.18	4.00
7. Was the grading system clearly explained	2	0	-	3	1	1	3		1343/1459	3.22	4.30	4.16	4.01	3.22
8. How many times was class cancelled	2	0	_	0	0 0	8	1		1316/1480	4.11	4.72	4.68	4.74	4.11
9. How would you grade the overall teaching effective		0		Ő	1	5	3				4.11	4.09		4.22
Lecture	_	-	_		_	-	_							
1. Were the instructor's lectures well prepared	2	0	-	0	1	3	5	4.44	839/1409		4.46	4.42	4.36	4.44
2. Did the instructor seem interested in the subject		0	-	0	1	0	8	4.78	785/1407	4.78	4.79	4.69	4.73	4.78
3. Was lecture material presented and explained clea	-	0		0	2	1	6	4.44	636/1399	4.44	4.39	4.26	4.16	4.44
4. Did the lectures contribute to what you learned	2	0	-	1	0	3	-	4.33	791/1400	4.33	4.29	4.27	4.17	4.33
5. Did audiovisual techniques enhance your understand	nding 2	1	0	0	3	3	2	3.88	712/1179	3.88	3.92	3.96	3.81	3.88
Discussion														
1. Did class discussions contribute to what you lea:	rned 4	0	0	0	1	3	3	4.29	550/1262	4.29	4.41	4.05	4.07	4.29
2. Were all students actively encouraged to particip	pate 4	0	0	0	0	3	4	4.57	532/1259	4.57	4.59	4.29	4.30	4.57
3. Did the instructor encourage fair and open discus	ssion 4	0	0	0	1	2	4	4.43	658/1256	4.43	4.53	4.30	4.33	4.43
4. Were special techniques successful	4	0	0	0	1	4	2	4.14	347/ 788	4.14	4.30	4.00	3.97	4.14
Laboratory														
2. Were you provided with adequate background inform	mation 10	0	0	0	0	0	1	5 00	****/ 249	* * * *	4.33	4.11	3.93	* * * *
4. Did the lab instructor provide assistance	10	0		0	Ő	0	1		****/ 240	* * * *	4.67	4.20	4.15	* * * *
	10	0		Ū	0	0	-	5.00	, 110		1.07	1.20	1110	
Seminar			0		0	-	-	4 50	****		4 2 5	4 4 9	1 0 0	* * * *
1. Were assigned topics relevant to the announced the		0	-	0	0	1	1		****/ 68	* * * * * * * *	4.37	4.49	4.23	****
2. Was the instructor available for individual atter		0 1		0	1 0	0	1	4.00	****/ 69	****	4.50	4.53	4.46	****
3. Did research projects contribute to what you leas		1		0	0	0	1 2	5.00	****/ 63 ****/ 69	****	4.59	4.44	4.44	****
4. Did presentations contribute to what you learned 5. Were criteria for grading made clear	9	0		1	0	0	2 1		****/ 68	****	4.30 4.53	4.35 3.92	4.16 3.71	* * * *
5. Were criteria for grading made clear	9	0	0	T	0	0	T	3.50			4.55	3.92	5.71	
Field Work														
1. Did field experience contribute to what you learn		0	0	1	0	2	2	4.00	39/ 59	4.00	4.44	4.30	4.01	4.00
2. Did you clearly understand your evaluation crite:	ria 6	0	0	0	1	3	1	4.00	28/ 51	4.00	4.22	4.00	3.81	4.00
3. Was the instructor available for consultation	6	4		0	0	0	0		****/ 36	* * * *	4.42	4.60	4.65	* * * *
4. To what degree could you discuss your evaluation		0		2	1	1	1	3.20	38/ 41	3.20	4.19	4.26	4.27	3.20
5. Did conferences help you carry out field activit	ies 6	4	0	1	0	0	0	2.00	****/ 31	****	4.21	4.42	4.58	* * * *
Self Paced														
1. Did self-paced system contribute to what you leas	rned 10	0	0	0	1	0	0	3.00	****/ 55	* * * *	5.00	4.55	4.38	* * * *

Credits E	arned	Cum. GPA		Expected	Grades	Reasons		Туре	Туре			
00-27	3	0.00-0.99	0	 А	1	Required for Majors	0	Graduate	7	Major	0	
28-55	0	1.00-1.99	0	В	8							
56-83	0	2.00-2.99	0	С	0	General	0	Under-grad	4	Non-major	2	
84-150	0	3.00-3.49	1	D	0							
Grad.	7	3.50-4.00	5	F	0	Electives	0	#### - Means	there	are not enough	L	

P	0	
I	0	Other
?	0	

responses to be significant

### Student Course Evaluation Questionnaire

General         1. Did you gain new insights, skills from this course       0       0       0       1       1       4.50       549/1481       4.50       4.34       4.29       4.28       4.5         2. Did the instructor make clear the expected goals       0       0       0       0       0       2       5.00       1/1481       5.00       4.26       4.23       4.11       5.0         4. Did other evaluations reflect the expected goals       0       0       0       0       0       2       5.00       1/1424       5.00       4.37       4.21       4.16       5.0         5. Did assigned readings contribute to what you learned       0       0       0       0       2       5.00       1/1396       5.00       4.09       3.98       4.00       5.0         6. Did written assignments contribute to what you learned       0       0       0       0       2       0       4.00       4.22       4.07       4.18       4.0					Fre	equer	ncies	5		Inst	ructor	Course	Dept	UMBC	Level	Sect
1. Did you gain new insights, skills from this course       0       0       0       0       1       1       4.50       549/1481       4.50       4.34       4.29       4.28       4.5         2. Did the instructor make clear the expected goals       0       0       0       0       0       0       2       5.00       1/1481       5.00       4.26       4.23       4.11       5.00         4. Did other evaluations reflect the expected goals       0       0       0       0       0       0       2       5.00       1/1424       5.00       4.37       4.21       4.16       5.00         5. Did assigned readings contribute to what you learned       0       0       0       0       0       0       2       5.00       1/1396       5.00       4.09       3.98       4.00       5.0         6. Did written assignments contribute to what you learned       0       0       0       0       0       2       0       4.00       4.22       4.07       4.18       4.00	Questions NH					2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
2. Did the instructor make clear the expected goals       0       0       0       0       0       0       2       5.00       1/1481       5.00       4.26       4.23       4.11       5.00         4. Did other evaluations reflect the expected goals       0       0       0       0       0       0       2       5.00       1/1481       5.00       4.26       4.23       4.11       5.00         5. Did assigned readings contribute to what you learned       0       0       0       0       0       2       5.00       1/1424       5.00       4.37       4.21       4.16       5.0         6. Did written assignments contribute to what you learned       0       0       0       0       0       2       0       4.00       4.22       4.07       4.18       4.00	General															
4. Did other evaluations reflect the expected goals       0       0       0       0       0       2       5.00       1/1424       5.00       4.37       4.21       4.16       5.0         5. Did assigned readings contribute to what you learned       0       0       0       0       0       2       5.00       1/1396       5.00       4.09       3.98       4.00       5.0         6. Did written assignments contribute to what you learned       0       0       0       0       0       2       0       4.00       4.22       4.07       4.18       4.0	1.	Did you gain new insights,skills from this course	0	0	0	0	0	1	1	4.50	549/1481	4.50	4.34	4.29	4.28	4.50
5. Did assigned readings contribute to what you learned       0       0       0       0       2       5.00       1/1396       5.00       4.09       3.98       4.00       5.0         6. Did written assignments contribute to what you learned       0       0       0       0       2       0       4.00       755/1342       4.00       4.18       4.0	2.	Did the instructor make clear the expected goals	0	0	0	0	0	0	2	5.00	1/1481	5.00	4.26	4.23	4.11	5.00
6. Did written assignments contribute to what you learned 0 0 0 0 0 2 0 4.00 755/1342 4.00 4.22 4.07 4.18 4.0	4.	4. Did other evaluations reflect the expected goals				0	0	0	2	5.00	1/1424	5.00	4.37	4.21	4.16	5.00
	5. Did assigned readings contribute to what you learned				0	0	0	0	2	5.00	1/1396	5.00	4.09	3.98	4.00	5.00
7 Was the grading system clearly explained 0 0 0 0 0 0 2 5 00 1/1459 5 00 4 30 4 16 4 01 5 0	6.	6. Did written assignments contribute to what you learned					0	2	0	4.00	755/1342	4.00	4.22	4.07	4.18	4.00
7. The first grading by been creatly explained $5.00 - 0.00 - 0.00 - 1/1100 - 0.00$	7.	Was the grading system clearly explained	0	0	0	0	0	0	2	5.00	1/1459	5.00	4.30	4.16	4.01	5.00
8. How many times was class cancelled 0 0 0 0 0 0 0 2 5.00 1/1480 5.00 4.72 4.68 4.74 5.0	8.	How many times was class cancelled	0	0	0	0	0	0	2	5.00	1/1480	5.00	4.72	4.68	4.74	5.00
9. How would you grade the overall teaching effectiveness 0 0 0 0 0 1 1 4.50 334/1450 4.50 4.11 4.09 3.96 4.5	9.	How would you grade the overall teaching effectiveness	0	0	0	0	0	1	1	4.50	334/1450	4.50	4.11	4.09	3.96	4.50
Lecture		Lecture														
1. Were the instructor's lectures well prepared 0 0 0 0 0 1 1 4.50 762/1409 4.50 4.46 4.42 4.36 4.5	1.	Were the instructor's lectures well prepared	0	0	0	0	0	1	1	4.50	762/1409	4.50	4.46	4.42	4.36	4.50
			0	0	0	0	0	0	2	5.00	1/1407	5.00	4.79	4.69	4.73	5.00
-			0	0	0	0	0	0	2	5.00	1/1399	5.00	4.39	4.26	4.16	5.00
			0	0	0	0	0	1	1	4.50	591/1400	4.50	4.29	4.27	4.17	4.50
•		-	0	1	0	0	0	0	1	5.00	1/1179	5.00	3.92	3.96	3.81	5.00
Discussion		Discussion														
	1.		0	0	0	0	0	1	1	4.50	345/1262	4.50	4.41	4.05	4.07	4.50
		-	-	-	-	0	0	0	2						1.07	5.00
			-			-	-	0	2							5.00
			0	1	0	0	0	0	1							5.00

Credits E	arned	Cum. GPA		Expected	d Grades	Reasons		Туре		Majors	
00-27	0	0.00-0.99	0	A	2	Required for Majors	0	Graduate	2	Major	0
28-55	0	1.00-1.99	0	В	0						
56-83	0	2.00-2.99	0	С	0	General	0	Under-grad	0	Non-major	0
84-150	0	3.00-3.49	0	D	0						
Grad.	2	3.50-4.00	1	F	0	Electives	0	#### - Means	there	are not enough	i.
				P	0			responses to	be sig	gnificant	
				I	0	Other	2				
				?	0						

# Student Course Evaluation Questionnaire

			Fre	equer	ncies	3		Inst	ructor	Course	Dept	UMBC	Level	Sect
Questions	NR	NA	1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
General														
1. Did you gain new insights,skills from this course	1	0	0	0	1	3	0	3.75	1254/1481	3.75	4.34	4.29	4.28	3.75
2. Did the instructor make clear the expected goals	1	0	0	0	1	3	0	3.75	1205/1481	3.75	4.26	4.23	4.11	3.75
4. Did other evaluations reflect the expected goals	1	0	0	0	0	1	3	4.75	217/1424	4.75	4.37	4.21	4.16	4.75
5. Did assigned readings contribute to what you learned	1	0	0	0	0	1	3	4.75	136/1396	4.75	4.09	3.98	4.00	4.75
6. Did written assignments contribute to what you learned	1	0	0	1	0	2	1	3.75	987/1342	3.75	4.22	4.07	4.18	3.75
7. Was the grading system clearly explained	1	0	0	0	0	2	2	4.50	460/1459	4.50	4.30	4.16	4.01	4.50
8. How many times was class cancelled	1	0	0	0	0	2	2	4.50	1044/1480	4.50	4.72	4.68	4.74	4.50
9. How would you grade the overall teaching effectiveness	2	0	0	0	2	1	0	3.33	1285/1450	3.33	4.11	4.09	3.96	3.33
Lecture														
1. Were the instructor's lectures well prepared	1	0	0	0	1	2	1	4.00	1152/1409	4.00	4.46	4.42	4.36	4.00
2. Did the instructor seem interested in the subject	1	0	0	0	1	0	3	4.50	1107/1407	4.50	4.79	4.69	4.73	4.50
3. Was lecture material presented and explained clearly	1	0	0	0	1	2	1	4.00	1002/1399	4.00	4.39	4.26	4.16	4.00
4. Did the lectures contribute to what you learned	1	0	0	0	1	2	1	4.00	1017/1400	4.00	4.29	4.27	4.17	4.00
5. Did audiovisual techniques enhance your understanding	1	0	0	0	1	1	2	4.25	442/1179	4.25	3.92	3.96	3.81	4.25
Discussion														
1. Did class discussions contribute to what you learned	2	0	0	0	0	1	2	4.67	264/1262	4.67	4.41	4.05	4.07	4.67
2. Were all students actively encouraged to participate	2	0	0	0	1	2	0		1067/1259	3.67	4.59	4.29	4.30	3.67
3. Did the instructor encourage fair and open discussion	2	Ő	0	0	2	0	1		1069/1256		4.53	4.30	4.33	3.67
4. Were special techniques successful	2	2	0	0	0	1	0		****/ 788		4.30	4.00	3.97	****
Field Work														
	1	0	0	0	0	2	2	4.50	29/ 59	4.50		4.30	4 0 1	4.50
1. Did field experience contribute to what you learned	1	•	0	-	1	1	2	4.50	29/ 59	4.50	$4.44 \\ 4.22$	4.30	4.01	4.50
<ol> <li>Did you clearly understand your evaluation criteria</li> <li>Was the instructor available for consultation</li> </ol>	1 2	0 2	0 0	0 0	1	1	∠ 1	4.25	24/ 51 ****/ 36	4.25 ****	4.22	4.00 4.60	3.81 4.65	4.∠5 ****
<ol> <li>Was the instructor available for consultation</li> <li>To what degree could you discuss your evaluations</li> </ol>	∠ 2	∠ 1	0	0	0	0	⊥ 1		****/ 41	****	4.42	4.60	4.65	****
T. TO WHAT DEGLEE COULD YOU DISCUSS YOUL EVALUATIONS	5	T	0	0	0	0	Ŧ	5.00	/ 41		7.19	7.20	7.2/	

Credits Ea	arned	Cum. GPA		Expected	l Grades	Reasons		Туре		Majors	
00-27	1	0.00-0.99	0	A	3	Required for Majors	0	Graduate	2	Major	0
28-55	0	1.00-1.99	0	В	1						
56-83	0	2.00-2.99	0	С	0	General	1	Under-grad	3	Non-major	1
84-150	0	3.00-3.49	0	D	0						
Grad.	2	3.50-4.00	1	F	0	Electives	0	#### - Means	there	are not enough	L
				P	0			responses to	be sig	nificant	
				I	0	Other	3	_			
				?	0						

# Student Course Evaluation Questionnaire

				Fre	equer	ncies	5		Inst	ructor	Course	Dept	UMBC	Level	Sect
	Questions	NR	NA	1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
	General														
1.	Did you gain new insights,skills from this course	0	0	0	0	0	1	1	4.50	549/1481	4.40	4.34	4.29	4.28	4.50
2.	Did the instructor make clear the expected goals	0	0	0	0	1	0	1	4.00	1000/1481	3.92	4.26	4.23	4.11	4.00
4.	Did other evaluations reflect the expected goals	0	0	0	0	1	0	1	4.00	959/1424	3.81	4.37	4.21	4.16	4.00
5.	Did assigned readings contribute to what you learned	0	0	0	0	1	0	1	4.00	707/1396	3.83	4.09	3.98	4.00	4.00
6.	Did written assignments contribute to what you learned	0	0	0	0	1	1	0	3.50	1115/1342	3.44	4.22	4.07	4.18	3.50
7.	Was the grading system clearly explained	0	0	0	0	0	2	0	4.00	961/1459	3.58	4.30	4.16	4.01	4.00
8.	How many times was class cancelled	0	0	0	0	0	0	2	5.00	1/1480	5.00	4.72	4.68	4.74	5.00
9.	How would you grade the overall teaching effectiveness	0	0	0	0	0	1	1	4.50	334/1450	4.08	4.11	4.09	3.96	4.50
	Lecture														
1.	Were the instructor's lectures well prepared	1	0	0	0	0	1	0	4.00	1152/1409	4.00	4.46	4.42	4.36	4.00
2.	Did the instructor seem interested in the subject	1	0	0	0	0	0	1	5.00	1/1407	5.00	4.79	4.69	4.73	5.00
3.	Was lecture material presented and explained clearly	1	0	0	0	0	1	0	4.00	1002/1399	4.00	4.39	4.26	4.16	4.00
4.	Did the lectures contribute to what you learned	1	0	0	0	0	0	1	5.00	1/1400	5.00	4.29	4.27	4.17	5.00
5.	Did audiovisual techniques enhance your understanding	1	0	0	0	1	0	0	3.00	1041/1179	3.00	3.92	3.96	3.81	3.00
	Discussion														
1.	Did class discussions contribute to what you learned	0	0	0	0	0	1	1	4.50	345/1262	4.56	4.41	4.05	4.07	4.50
2.	Were all students actively encouraged to participate	0	0	0	0	1	1	0	3.50	1094/1259	3.87	4.59	4.29	4.30	3.50
3.	Did the instructor encourage fair and open discussion	0	0	0	0	0	2	0	4.00	901/1256	3.96	4.53	4.30	4.33	4.00
4.	Were special techniques successful	0	1	0	0	0	1	0	4.00	394/ 788	4.04	4.30	4.00	3.97	4.00
	Field Work														
1.	Did field experience contribute to what you learned	0	0	0	0	1	1	0	3.50	47/ 59	3.52	4.44	4.30	4.01	3.50
	Did you clearly understand your evaluation criteria	0	0	0	0	1	1	0	3.50	40/ 51	3.44	4.22	4.00	3.81	3.50
3.	Was the instructor available for consultation	0	Ő	0	0	2	0	Ő	3.00	36/ 36	3.40	4.42	4.60	4.65	3.00
4.	To what degree could you discuss your evaluations	0	Ő	0	0	0	2	Ő	4.00	25/ 41	3.75	4.19	4.26	4.27	4.00
	Did conferences help you carry out field activities	0	1	0	0	0	1	0	4.00	23/ 31	3.71	4.21	4.42	4.58	4.00

Credits Ea	arned	Cum. GPA		Expected	Grades	Reasons		Туре		Majors	
00-27	0	0.00-0.99	0	A	2	Required for Majors	0	Graduate	2	Major	0
28-55	0	1.00-1.99	0	В	0						
56-83	0	2.00-2.99	0	С	0	General	0	Under-grad	0	Non-major	0
84-150	0	3.00-3.49	0	D	0						
Grad.	2	3.50-4.00	2	F	0	Electives	0	#### - Means	there	are not enough	
				P	0			responses to	be sig	gnificant	
				I	0	Other	2				
				?	0						

# Student Course Evaluation Questionnaire

			Fre	equer	ncies	3		Inst	ructor	Course	Dept	UMBC	Level	Sect
Questions	NR	NA	1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
General														
1. Did you gain new insights, skills from this course	1	0	0	0	2	5	6	4.31	780/1481	4.40	4.34	4.29	4.28	4.31
2. Did the instructor make clear the expected goals	1	0	0	0	4	7	2	3.85	1154/1481	3.92	4.26	4.23	4.11	3.85
3. Did the exam questions reflect the expected goals	1	12	0	0	1	0	0	3.00	****/1249	* * * *	4.20	4.27	4.24	* * * *
4. Did other evaluations reflect the expected goals	1	0	0	2	3	б	2	3.62	1239/1424	3.81	4.37	4.21	4.16	3.62
5. Did assigned readings contribute to what you learned	2	0	0	0	6	4	2	3.67	985/1396	3.83	4.09	3.98	4.00	3.67
6. Did written assignments contribute to what you learned	1	0	1	2	4	3	3	3.38	1171/1342	3.44	4.22	4.07	4.18	3.38
7. Was the grading system clearly explained	1	0	2	1	4	5	1	3.15	1358/1459	3.58	4.30	4.16	4.01	3.15
8. How many times was class cancelled	1	0	0	0	0	0	13	5.00	1/1480	5.00	4.72	4.68	4.74	5.00
9. How would you grade the overall teaching effectiveness	5	0	0	2	0	б	1	3.67	1160/1450	4.08	4.11	4.09	3.96	3.67
Lecture														
1. Were the instructor's lectures well prepared	13	0	0	0	0	0	1	5.00	****/1409	4.00	4.46	4.42	4.36	* * * *
2. Did the instructor seem interested in the subject	13	0	0	0	0	0	1		****/1407	5.00	4.79	4.69	4.73	* * * *
-														
Discussion														
1. Did class discussions contribute to what you learned	1	0	0	0	0	5	8	4.62	289/1262	4.56	4.41	4.05	4.07	4.62
<ol><li>Were all students actively encouraged to participate</li></ol>	1	0	1	0	1	4	7	4.23	796/1259	3.87	4.59	4.29	4.30	4.23
3. Did the instructor encourage fair and open discussion	1	0	2	1	0	3	7	3.92	967/1256	3.96	4.53	4.30	4.33	3.92
4. Were special techniques successful	1	1	0	0	3	5	4	4.08	374/ 788	4.04	4.30	4.00	3.97	4.08
Field Work														
1. Did field experience contribute to what you learned	1	0	0	З	3	4	3	3.54	46/ 59	3.52	4.44	4.30	4.01	3.54
2. Did you clearly understand your evaluation criteria	1	0	1	1	4	6	1	3.38	44/ 51	3.44	4.22	4.00	3.81	3.38
3. Was the instructor available for consultation	1	8	0	1	1	1	2	3.80	34/ 36	3.40	4.42	4.60	4.65	3.80
4. To what degree could you discuss your evaluations	1	3	0	3	1	4	2	3.50	30/ 41	3.75	4.19	4.26	4.27	3.50
5. Did conferences help you carry out field activities	1	6	1	0	2	3	1	3.43	29/ 31	3.75	4.21	4.42	4.58	3.43
5. Dia conferences nerp you carry out richa activities	1	0	-	5	2	5	1	5.15	22/ 31	5.71	1.21	1.12	1.50	5.15

Credits E	arned	Cum. GPA		Expected	Grades	Reasons		Туре		Majors	
00-27	3	0.00-0.99	0	A	4	Required for Majors	0	Graduate	3	Major	0
28-55	0	1.00-1.99	0	В	7						
56-83	0	2.00-2.99	0	С	1	General	0	Under-grad	11	Non-major	0
84-150	0	3.00-3.49	1	D	0						
Grad.	3	3.50-4.00	6	F	0	Electives	0	#### - Means	there	are not enough	
				P	0			responses to 2	be sig	gnificant	
				I	0	Other	12				
				?	0						

# Student Course Evaluation Questionnaire

Questions	NR	NA	Fre 1	equer 2	ncies 3	3 4	5	Inst Mean	tructor Rank	Course Mean	Dept Mean	UMBC Mean		Sect Mean
1														
General 1. Did you gain new insights,skills from this course	0	0	0	2	0	2	4	4 00	1069/1481	4.00	4.34	4.29	4.28	4.00
2. Did the instructor make clear the expected goals	0	0	0	0	3	2	3		1000/1481	4.00	4.26	4.23	4.11	4.00
3. Did the exam questions reflect the expected goals	0	4	0	Ő	2	1	1		1046/1249	3.75	4.20	4.27	4.24	3.75
4. Did other evaluations reflect the expected goals	0	1	0	1	2	1	3		1123/1424	3.86	4.37	4.21	4.16	3.86
5. Did assigned readings contribute to what you learned	0	1	0	2	0	3	2	3.71	950/1396	3.71	4.09	3.98	4.00	3.71
6. Did written assignments contribute to what you learned	0	0	2	0	3	0	3	3.25	1207/1342	3.25	4.22	4.07	4.18	3.25
7. Was the grading system clearly explained	0	0	0	1	0	1	6	4.50	460/1459	4.50	4.30	4.16	4.01	4.50
8. How many times was class cancelled	1	0	0	0	0	0	7	5.00	1/1480	5.00	4.72	4.68	4.74	5.00
9. How would you grade the overall teaching effectiveness	3	0	0	0	1	2	2	4.20	692/1450	3.85	4.11	4.09	3.96	3.85
Lecture														
1. Were the instructor's lectures well prepared	0	0	0	0	0	3	5	4.63	618/1409	4.63	4.46	4.42	4.36	4.63
2. Did the instructor seem interested in the subject	0	0	0	0	0	1	7	4.88	568/1407	4.88	4.79	4.69	4.73	4.88
3. Was lecture material presented and explained clearly	0	0	0	0	2	2	4	4.25	828/1399	4.25	4.39	4.26	4.16	4.25
4. Did the lectures contribute to what you learned	1	0	0	0	2	2	3	4.14	953/1400	4.14	4.29	4.27	4.17	4.14
5. Did audiovisual techniques enhance your understanding	1	0	0	0	3	0	4	4.14	526/1179	4.14	3.92	3.96	3.81	4.14
Discussion														
1. Did class discussions contribute to what you learned	0	0	0	1	2	1	4	4.00	708/1262	4.00	4.41	4.05	4.07	4.00
2. Were all students actively encouraged to participate	0	0	0	1	1	2	4	4.13	856/1259	4.13	4.59	4.29	4.30	4.13
3. Did the instructor encourage fair and open discussion	1	0	0	0	2	1	4	4.29	754/1256	4.29	4.53	4.30	4.33	4.29
4. Were special techniques successful	0	4	0	0	2	0	2	4.00	394/ 788	4.00	4.30	4.00	3.97	4.00
Laboratory														
1. Did the lab increase understanding of the material	2	0	0	0	2	1	3	4.17	142/ 246	4.17	4.44	4.20	4.27	4.17
2. Were you provided with adequate background information	2	0	0	1	0	3	2	4.00	145/ 249	4.00	4.33	4.11	3.93	4.00
3. Were necessary materials available for lab activities	2	0	0	1	1	1	3	4.00	184/ 242	4.00	4.33	4.40	4.27	4.00
4. Did the lab instructor provide assistance	2	0	0	0	1	1	4	4.50	103/ 240	4.50	4.67	4.20	4.15	4.50
5. Were requirements for lab reports clearly specified	2	1	0	0	2	0	3	4.20	114/ 217	4.20	4.47	4.04	3.73	4.20
Seminar														
1. Were assigned topics relevant to the announced theme	6	0	0	0	0	0	2	5.00	1/ 68	5.00	4.37	4.49	4.23	5.00
2. Was the instructor available for individual attention	6	0	0	0	0	0	2	5.00	1/ 69	5.00	4.50	4.53	4.46	5.00
3. Did research projects contribute to what you learned	6	0	0	0	0	0	2	5.00	1/ 63	5.00	4.59	4.44	4.44	5.00
4. Did presentations contribute to what you learned	6	0	0	0	0	0	2	5.00	1/ 69	5.00	4.30	4.35	4.16	5.00
5. Were criteria for grading made clear	б	0	0	0	0	0	2	5.00	1/ 68	5.00	4.53	3.92	3.71	5.00

Credits Ea	arned	Cum. GPA		Expected	l Grades	Reasons		Туре		Majors	
00-27	1	0.00-0.99	0	A	6	Required for Majors	0	Graduate	7	Major	0
28-55	0	1.00-1.99	0	В	1						
56-83	0	2.00-2.99	0	С	0	General	3	Under-grad	1	Non-major	7
84-150	0	3.00-3.49	0	D	0						
Grad.	7	3.50-4.00	5	F	0	Electives	1	#### - Means	there	are not enough	
				P	0			responses to	be sig	nificant	
				I	0	Other	5	-			
				?	0						

# Student Course Evaluation Questionnaire

Questions	NR	NA	Fre 1	equer 2	ncies 3	3 4	5	Inst Mean	tructor Rank	Course Mean	Dept Mean	UMBC Mean	Level Mean	Sect Mean
~ 														
General														
1. Did you gain new insights, skills from this course	0	0	0	2	0	2	4	4.00	1069/1481	4.00	4.34	4.29	4.28	4.00
2. Did the instructor make clear the expected goals	0	0	0	0	3	2	3	4.00	1000/1481	4.00	4.26	4.23	4.11	4.00
3. Did the exam questions reflect the expected goals	0	4	0	0	2	1	1	3.75	1046/1249	3.75	4.20	4.27	4.24	3.75
4. Did other evaluations reflect the expected goals	0	1	0	1	2	1	3	3.86	1123/1424	3.86	4.37	4.21	4.16	3.86
5. Did assigned readings contribute to what you learned	0	1	0	2	0	3	2	3.71	,	3.71	4.09	3.98	4.00	3.71
6. Did written assignments contribute to what you learned	0	0	2	0	3	0	3		1207/1342	3.25	4.22	4.07	4.18	3.25
7. Was the grading system clearly explained	0	0	0	1	0	1	6	4.50	460/1459	4.50	4.30	4.16	4.01	4.50
8. How many times was class cancelled	1	0	0	0	0	0	7	5.00	1/1480	5.00	4.72	4.68	4.74	5.00
9. How would you grade the overall teaching effectiveness	6	0	0	0	1	1	0	3.50	1223/1450	3.85	4.11	4.09	3.96	3.85
Lecture														
1. Were the instructor's lectures well prepared	7	0	0	0	0	0	1	5.00	****/1409	4.63	4.46	4.42	4.36	4.63
2. Did the instructor seem interested in the subject	7	Ő	0	0	0	0	1		****/1407	4.88	4.79	4.69	4.73	4.88
3. Was lecture material presented and explained clearly	7	0	0	0	0	0	1		****/1399	4.25	4.39	4.26	4.16	4.25
4. Did the lectures contribute to what you learned	7	0	0	0	0	0	1		****/1400	4.14	4.29	4.27	4.17	4.14
5. Did audiovisual techniques enhance your understanding	7	0	0	0	0	0	1	5.00	****/1179	4.14	3.92	3.96	3.81	4.14
Discussion														
1. Did class discussions contribute to what you learned	0	0	0	1	2	T	4	4.00	708/1262	4.00	4.41	4.05	4.07	4.00
2. Were all students actively encouraged to participate	0	0	0	1	1	2	4	4.13	856/1259	4.13	4.59	4.29	4.30	4.13
3. Did the instructor encourage fair and open discussion	1	0	0	0	2	1	4	4.29	754/1256	4.29	4.53	4.30	4.33	4.29
4. Were special techniques successful	0	4	0	0	2	0	2	4.00	394/ 788	4.00	4.30	4.00	3.97	4.00
Laboratory														
1. Did the lab increase understanding of the material	2	0	0	0	2	1	3	4.17	142/ 246	4.17	4.44	4.20	4.27	4.17
2. Were you provided with adequate background information	2	0	0	1	0	3	2	4.00	145/ 249	4.00	4.33	4.11	3.93	4.00
3. Were necessary materials available for lab activities	2	0	0	1	1	1	3	4.00	184/ 242	4.00	4.33	4.40	4.27	4.00
4. Did the lab instructor provide assistance	2	0	0	0	1	1	4	4.50	103/ 240	4.50	4.67	4.20	4.15	4.50
5. Were requirements for lab reports clearly specified	2	1	0	0	2	0	3	4.20	114/ 217	4.20	4.47	4.04	3.73	4.20
Seminar														
1. Were assigned topics relevant to the announced theme	6	0	0	0	0	0	2	5.00	1/ 68	5.00	4.37	4.49	4.23	5.00
2. Was the instructor available for individual attention	6	0	0	0	0	0	2	5.00	1/ 69	5.00	4.50	4.53	4.46	5.00
3. Did research projects contribute to what you learned	6	0	0	0	0	0	2	5.00	1/ 63	5.00	4.59	4.44	4.44	5.00
4. Did presentations contribute to what you learned	6	0	0	0	0	0	2	5.00	1/ 69	5.00	4.30	4.35	4.16	5.00
5. Were criteria for grading made clear	6	0	0	0	0	0	2	5.00	1/ 68	5.00	4.53	3.92	3.71	5.00
	-	-	-	-	-	-	-		_, 00	2.20				

Credits Ea	arned	Cum. GPA		Expected	l Grades	Reasons		Туре		Majors	
00-27	1	0.00-0.99	0	A	б	Required for Majors	0	Graduate	7	Major	0
28-55	0	1.00-1.99	0	В	1						
56-83	0	2.00-2.99	0	С	0	General	3	Under-grad	1	Non-major	7
84-150	0	3.00-3.49	0	D	0						
Grad.	7	3.50-4.00	5	F	0	Electives	1	#### - Means	there	are not enough	1
				P	0			responses to	be sig	gnificant	
				I	0	Other	5	-			
				?	0						

# Student Course Evaluation Questionnaire

			Fre	equer	ncies	3		Inst	ructor	Course	Dept	UMBC	Level	Sect
Questions	NR	NA	1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
General														
1. Did you gain new insights,skills from this course	0	0	0	0	0	0	1	5.00	1/1481	5.00	4.34	4.29	4.28	5.00
2. Did the instructor make clear the expected goals	0	0	0	0	0	0	1	5.00	1/1481	5.00	4.26	4.23	4.11	5.00
4. Did other evaluations reflect the expected goals	0	0	0	0	0	0	1	5.00	1/1424	5.00	4.37	4.21	4.16	5.00
5. Did assigned readings contribute to what you learned	0	0	0	0	0	1	0	4.00	707/1396	4.00	4.09	3.98	4.00	4.00
6. Did written assignments contribute to what you learned	0	0	0	0	0	0	1	5.00	1/1342	5.00	4.22	4.07	4.18	5.00
7. Was the grading system clearly explained	0	0	0	0	0	0	1	5.00	1/1459	5.00	4.30	4.16	4.01	5.00
8. How many times was class cancelled	0	0	0	0	0	0	1	5.00	1/1480	5.00	4.72	4.68	4.74	5.00
Lecture														
1. Were the instructor's lectures well prepared	0	0	0	0	0	0	1	5.00	1/1409	5.00	4.46	4.42	4.36	5.00
2. Did the instructor seem interested in the subject	0	0	0	0	0	0	1	5.00	1/1407	5.00	4.79	4.69	4.73	5.00
3. Was lecture material presented and explained clearly	0	0	0	0	0	0	1	5.00	1/1399	5.00	4.39	4.26	4.16	5.00
4. Did the lectures contribute to what you learned	0	0	0	0	0	0	1	5.00	1/1400	5.00	4.29	4.27	4.17	5.00
Discussion														
1. Did class discussions contribute to what you learned	0	0	0	0	0	1	0	4.00	708/1262	4.00	4.41	4.05	4.07	4.00
2. Were all students actively encouraged to participate	0	0	0	0	0	0	1	5.00	1/1259	5.00	4.59	4.29	4.30	5.00
3. Did the instructor encourage fair and open discussion	0	0	0	0	0	1	0	4.00	901/1256	4.00	4.53	4.30	4.33	4.00
4. Were special techniques successful	0	0	0	0	0	1	0	4.00	394/ 788	4.00	4.30	4.00	3.97	4.00

Credits Ea	arned	Cum. GPA		Expected	Grades	Reasons		Туре		Majors	
00-27	0	0.00-0.99	0	А А	1	Required for Majors	0	Graduate	0	Major	0
28-55	0	1.00-1.99	0	В	0						
56-83	0	2.00-2.99	0	С	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	0	#### - Means	there	are not enough	L
				P	0			responses to	be sig	nificant	
				I	0	Other	1				
				?	0						

# Student Course Evaluation Questionnaire

			Fre	equei	ncies	3		Inst	ructor	Course	Dept	UMBC	Level	Sect
Questions	NR	NA	1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
General														
1. Did you gain new insights, skills from this course	0	0	0	0	1	1	5	4.57	487/1481	4.57	4.34	4.29	4.28	4.57
2. Did the instructor make clear the expected goals	0	0	0	0	1	4	2	4.14	925/1481	4.14	4.26	4.23	4.11	4.14
3. Did the exam questions reflect the expected goals	0	0	1	0	1	3	2		1066/1249	3.71	4.20	4.27	4.24	3.71
4. Did other evaluations reflect the expected goals	0	0	0	0	2	4	1		1123/1424	3.86	4.37	4.21	4.16	3.86
5. Did assigned readings contribute to what you learned	1	0	1	0	0	3	2	3.83	854/1396		4.09	3.98	4.00	3.83
6. Did written assignments contribute to what you learned	2	0	0	0	2	2	1	3.80	956/1342	3.80	4.22	4.07	4.18	3.80
7. Was the grading system clearly explained	0	0	0	1	1	2	3	4.00	961/1459	4.00	4.30	4.16	4.01	4.00
8. How many times was class cancelled	1	0	0	0	0	1	5	4.83	797/1480	4.83	4.72	4.68	4.74	4.83
9. How would you grade the overall teaching effectiveness	2	0	0	0	1	1	3	4.40	473/1450	4.40	4.11	4.09	3.96	4.40
Lecture														
1. Were the instructor's lectures well prepared	0	0	0	0	1	2	З	4.29	1013/1409	4.29	4.46	4.42	4.36	4.29
2. Did the instructor seem interested in the subject	0	0	0	0	0	0	7	5.00	1/1407	5.00	4.79	4.69	4.73	5.00
3. Was lecture material presented and explained clearly	0	0	0	0	1	2	4	4.43	659/1399	4.43	4.39	4.26	4.16	4.43
4. Did the lectures contribute to what you learned	0	0	0	1	0	1	5	4.43	681/1400		4.29	4.27	4.17	4.43
-														
Discussion														
1. Did class discussions contribute to what you learned	0	0	0	0	1	1	5	4.57	310/1262		4.41	4.05	4.07	4.57
<ol><li>Were all students actively encouraged to participate</li></ol>	0	0	0	0	3	0	4	4.14	846/1259	4.14	4.59	4.29	4.30	4.14
3. Did the instructor encourage fair and open discussion	0	0	0	1	1	0	5	4.29	754/1256	4.29	4.53	4.30	4.33	4.29
4. Were special techniques successful	0	2	0	0	0	1	4	4.80	89/ 788	4.80	4.30	4.00	3.97	4.80
Laboratory														
2. Were you provided with adequate background information	6	0	0	0	0	0	1	5.00	****/ 249	* * * *	4.33	4.11	3.93	* * * *
3. Were necessary materials available for lab activities	6	0	0	0	0	0	1	5.00	****/ 242	* * * *	4.33	4.40	4.27	* * * *
4. Did the lab instructor provide assistance	6	0	0	0	0	0	1	5.00	****/ 240	* * * *	4.67	4.20	4.15	* * * *

Credits Ea	arned	Cum. GPA		Expected	Grades	Reasons		Туре		Majors	
00-27	1	0.00-0.99	0	 А	б	Required for Majors	0	Graduate	1	Major	0
28-55	2	1.00-1.99	0	В	1						
56-83	0	2.00-2.99	0	С	0	General	4	Under-grad	6	Non-major	0
84-150	0	3.00-3.49	0	D	0						
Grad.	1	3.50-4.00	5	F	0	Electives	0	#### - Means	there	are not enough	
				P	0			responses to	be sig	nificant	
				I	0	Other	2				
				?	0						

# Student Course Evaluation Questionnaire

			Fre	-	ncies				ructor	Course	-		Level	Sect
Questions	NR	NA	1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
General														
1. Did you gain new insights, skills from this course	0	0	0	0	2	5	5	4.25	844/1481	4.25	4.34	4.29	4.28	4.25
2. Did the instructor make clear the expected goals	0	0	0	2	2	3	5	3.92	1106/1481	3.92	4.26	4.23	4.11	3.92
3. Did the exam questions reflect the expected goals	1	10	0	0	1	0	0	3.00	****/1249	* * * *	4.20	4.27	4.24	* * * *
4. Did other evaluations reflect the expected goals	1	0	0	0	1	б	4	4.27	717/1424	4.27	4.37	4.21	4.16	4.27
5. Did assigned readings contribute to what you learned	0	0	0	1	1	4	б	4.25	502/1396	4.25	4.09	3.98	4.00	4.25
6. Did written assignments contribute to what you learned	0	0	0	0	1	3	8	4.58	251/1342	4.58	4.22	4.07	4.18	4.58
7. Was the grading system clearly explained	0	0	0	0	1	5	б	4.42	595/1459	4.42	4.30	4.16	4.01	4.42
8. How many times was class cancelled	1	0	0	0	0	2	9	4.82	825/1480	4.82	4.72	4.68	4.74	4.82
9. How would you grade the overall teaching effectiveness	4	0	0	0	1	4	3	4.25	630/1450	4.25	4.11	4.09	3.96	4.25
Lecture														
1. Were the instructor's lectures well prepared	З	0	0	0	2	4	З	4 1 1	1116/1409	4.11	4.46	4.42	4.36	4.11
2. Did the instructor seem interested in the subject	3	Ő	0	0	0	0	9	5.00	1/1407	5.00	4.79	4.69	4.73	5.00
3. Was lecture material presented and explained clearly	3	Ő	0	0	1	6	2	4.11	956/1399	4.11	4.39	4.26	4.16	4.11
4. Did the lectures contribute to what you learned	3	0	0	0	2	3	4	4.22	890/1400	4.22	4.29	4.27	4.17	4.22
5. Did audiovisual techniques enhance your understanding	3	5	1	0	1	1	1	3.25	997/1179	3.25	3.92		3.81	
Discussion	-	0	0	1	0	1	F	1 1 2	410/1000	4 4 2	4 4 1	4 05	4 07	4 4 2
1. Did class discussions contribute to what you learned	5	0	0	Ţ	0	1	5	4.43	418/1262	4.43	4.41	4.05	4.07	4.43
2. Were all students actively encouraged to participate	5	0 0	0 0	0 0	0 0	1	6 6	4.86 4.86	257/1259 256/1256	4.86 4.86	4.59 4.53	4.29 4.30	4.30	4.86 4.86
3. Did the instructor encourage fair and open discussion	5 5	1	0	0	0	1 3	0 3	4.80					4.33 3.97	4.80
4. Were special techniques successful	5	T	U	0	0	3	3	4.50	176/ 788	4.50	4.30	4.00	3.97	4.50
Field Work														
1. Did field experience contribute to what you learned	9	0	0	0	0	0	3	5.00	1/ 59	5.00	4.44	4.30	4.01	5.00
2. Did you clearly understand your evaluation criteria	9	0	0	0	0	1	2	4.67	9/ 51	4.67	4.22	4.00	3.81	4.67
3. Was the instructor available for consultation	9	0	0	0	0	1	2	4.67	22/ 36	4.67	4.42	4.60	4.65	4.67
4. To what degree could you discuss your evaluations	9	0	0	0	0	0	3	5.00	1/ 41	5.00	4.19	4.26	4.27	5.00
5. Did conferences help you carry out field activities	9	0	0	0	0	0	3	5.00	1/ 31	5.00	4.21	4.42	4.58	5.00

Credits E	larned	Cum. GPA		Expected	l Grades	Reasons		Туре		Majors	
00-27	2	0.00-0.99	0	A	11	Required for Majors	0	Graduate	7	Major	0
28-55	0	1.00-1.99	0	В	0						
56-83	0	2.00-2.99	0	С	0	General	1	Under-grad	5	Non-major	2
84-150	0	3.00-3.49	0	D	0						
Grad.	7	3.50-4.00	8	F	0	Electives	0	#### - Means	there	are not enough	
				P	0			responses to	be sig	nificant	
				I	0	Other	9	-			
				?	0						

# Student Course Evaluation Questionnaire

				-	ncies				ructor	Course	-			Sect
Questions	NR	NA	1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
General														
1. Did you gain new insights, skills from this course	1	0	0	0	0	1	4	4.80	233/1481	4.80	4.34	4.29	4.28	4.80
2. Did the instructor make clear the expected goals	0	0	0	0	0	3	3	4.50	517/1481	4.50	4.26	4.23		4.50
3. Did the exam questions reflect the expected goals	1	4	0	0	0	0	1	5.00	****/1249	* * * *	4.20	4.27	4.24	* * * *
4. Did other evaluations reflect the expected goals	0	0	0	0	0	0	б	5.00	1/1424	5.00	4.37	4.21	4.16	5.00
5. Did assigned readings contribute to what you learned	0	0	0	0	1	2	3	4.33	435/1396	4.33	4.09	3.98	4.00	4.33
6. Did written assignments contribute to what you learned	0	0	0	0	0	3	3	4.50	303/1342	4.50	4.22	4.07	4.18	4.50
7. Was the grading system clearly explained	0	0	0	0	0	1	5	1.00	143/1459	4.83	4.30	4.16	4.01	4.83
8. How many times was class cancelled	0	0	0	0	0	0	б	5.00	1/1480	5.00	4.72	4.68		5.00
9. How would you grade the overall teaching effectiveness	0	0	0	0	0	1	5	4.83	127/1450	4.54	4.11	4.09	3.96	4.54
Lecture														
1. Were the instructor's lectures well prepared	0	0	0	0	0	3	3	4.50	762/1409	4.38	4.46	4.42	4 36	4.38
2. Did the instructor seem interested in the subject	0	0	0	0	0	1	5		659/1407	4.54	4.79	4.69		4.54
3. Was lecture material presented and explained clearly	0	0	0	0	0	3	3		567/1399	4.38	4.39	4.26		4.38
4. Did the lectures contribute to what you learned	0	0	0	0	2	0	4	4.33	791/1400	4.17	4.29	4.27		4.17
5. Did audiovisual techniques enhance your understanding	0	2	1	0	1	0	2	3.50	894/1179		3.92		3.81	3.25
Discussion														
1. Did class discussions contribute to what you learned	2	0	0	0	Ţ	Ţ		4.25	570/1262		4.41	4.05		4.25
2. Were all students actively encouraged to participate	2	0	0	0	0	0	4		1/1259		4.59	4.29	4.30	5.00
3. Did the instructor encourage fair and open discussion	2	0	0	0	0 2	1 1	3 1	4.75 3.75	357/1256 533/ 788		4.53 4.30	4.30 4.00	4.33 3.97	
4. Were special techniques successful	2	U	0	0	2	T	T	3.75	533/ /88	3.75	4.30	4.00	3.97	3.75
Field Work														
1. Did field experience contribute to what you learned	5	0	0	0	0	0	1	5.00	****/ 59	* * * *	4.44	4.30	4.01	* * * *
2. Did you clearly understand your evaluation criteria	5	0	0	0	0	1	0	4.00	****/ 51	* * * *	4.22	4.00	3.81	* * * *
3. Was the instructor available for consultation	5	0	0	0	0	1	0	4.00	****/ 36	* * * *	4.42	4.60	4.65	* * * *
4. To what degree could you discuss your evaluations	5	0	0	0	0	1	0	4.00	****/ 41	* * * *	4.19	4.26	4.27	* * * *
5. Did conferences help you carry out field activities	5	0	0	0	0	1	0	4.00	****/ 31	* * * *	4.21	4.42	4.58	* * * *
Self Paced														
1. Did self-paced system contribute to what you learned	5	0	0	0	0	0	1	5.00	****/ 55	* * * *	5.00	4.55	4.38	* * * *

Credits E	arned	Cum. GPA		Expected	Grades	Reasons		Туре		Majors	
00-27	0	0.00-0.99	0	A	5	Required for Majors	0	Graduate	3	Major	0
28-55	0	1.00-1.99	0	В	0						
56-83	0	2.00-2.99	0	С	0	General	0	Under-grad	3	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	L
				P	0			responses to	be sig	gnificant	
				I	0	Other	5				
				?	0						

# Student Course Evaluation Questionnaire

				-	ncies		_		ructor	Course	-	UMBC		Sect
Questions	NR	NA	1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
General														
1. Did you gain new insights, skills from this course	1	0	0	0	0	1	4	4.80	233/1481	4.80	4.34	4.29	4.28	4.80
2. Did the instructor make clear the expected goals	0	0	0	0	0	3	3	4.50	517/1481	4.50	4.26	4.23	4.11	4.50
3. Did the exam questions reflect the expected goals	1	4	0	0	0	0	1	5.00	****/1249	* * * *	4.20	4.27	4.24	* * * *
4. Did other evaluations reflect the expected goals	0	0	0	0	0	0	6	5.00	1/1424	5.00	4.37	4.21	4.16	5.00
5. Did assigned readings contribute to what you learned	0	0	0	0	1	2	3	4.33	435/1396	4.33	4.09	3.98	4.00	4.33
6. Did written assignments contribute to what you learned	0	0	0	0	0	3	3	4.50	303/1342	4.50	4.22	4.07	4.18	4.50
7. Was the grading system clearly explained	0	0	0	0	0	1	5	4.83	143/1459	4.83	4.30	4.16	4.01	4.83
8. How many times was class cancelled	0	0	0	0	0	0	б	5.00	1/1480	5.00	4.72	4.68	4.74	5.00
9. How would you grade the overall teaching effectiveness	2	0	0	0	1	1	2	4.25	630/1450	4.54	4.11	4.09	3.96	4.54
Lecture														
1. Were the instructor's lectures well prepared	2	0	0	0	0	3	1	4 25	1031/1409	4.38	4.46	4.42	4 36	4.38
2. Did the instructor seem interested in the subject	2	õ	0	0	1	1	2		1257/1407		4.79	4.69		4.54
3. Was lecture material presented and explained clearly	2	0	0	0	0	3	1		828/1399	4.38	4.39	4.26	4.16	4.38
4. Did the lectures contribute to what you learned	2	0	0	0	2	0	2		1017/1400	4.17	4.29	4.27	4.17	
5. Did audiovisual techniques enhance your understanding	2	2	1	0	0	0	1		1041/1179		3.92		3.81	
Discussion														
	~	0	~	~	1	1	~	4 05	FR0 /10C0	4 05	4 4 7	4 05	4 07	4 05
1. Did class discussions contribute to what you learned 2. Were all students actively encouraged to participate	2 2	0 0	0 0	0 0	0	0	2 4	4.25 5.00	570/1262 1/1259		4.41 4.59	4.05 4.29	4.07 4.30	4.25 5.00
3. Did the instructor encourage fair and open discussion	2 2	0	0	0	0	1	4		357/1259		4.59	4.29		5.00 4.75
4. Were special techniques successful	2	0	0	0	2	1	1	4.75	533/ 788		4.33	4.30	4.33	
4. Were special techniques successiul	2	0	0	0	2	T	T	3.75	535/ 700	5.75	4.30	4.00	5.91	3.75
Field Work														
1. Did field experience contribute to what you learned	5	0	0	0	0	0	1	5.00	****/ 59	* * * *	4.44	4.30	4.01	* * * *
2. Did you clearly understand your evaluation criteria	5	0	0	0	0	1	0	4.00	****/ 51	* * * *	4.22	4.00	3.81	* * * *
3. Was the instructor available for consultation	5	0	0	0	0	1	0	4.00	****/ 36	* * * *	4.42	4.60	4.65	* * * *
4. To what degree could you discuss your evaluations	5	0	0	0	0	1	0	4.00	****/ 41	* * * *	4.19	4.26	4.27	* * * *
5. Did conferences help you carry out field activities	5	0	0	0	0	1	0	4.00	****/ 31	****	4.21	4.42	4.58	* * * *
Self Paced														
1. Did self-paced system contribute to what you learned	5	0	0	0	0	0	1	5.00	****/ 55	****	5.00	4.55	4.38	* * * *

Credits E	arned	Cum. GPA		Expected	Grades	Reasons		Туре		Majors	
00-27	0	0.00-0.99	0	A	5	Required for Majors	0	Graduate	3	Major	0
28-55	0	1.00-1.99	0	В	0						
56-83	0	2.00-2.99	0	С	0	General	0	Under-grad	3	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	L
				P	0			responses to	be sig	gnificant	
				I	0	Other	5				
				?	0						

# Student Course Evaluation Questionnaire

			Fre	equer	ncies	5		Inst	ructor	Course	Dept	UMBC	Level	Sect
Questions	NR	NA	1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
General														
1. Did you gain new insights, skills from this course	0	0	0	0	0	4	16	4.80	233/1481	4.80	4.34	4.29	4.28	4.80
2. Did the instructor make clear the expected goals	0	0	Ő	0	0	6	14	4.70	286/1481	4.70	4.26	4.23	4.11	4.70
3. Did the exam questions reflect the expected goals	1	12	0	0	0	1	6	4.86	172/1249	4.86	4.20	4.27	4.24	4.86
4. Did other evaluations reflect the expected goals	0	0	0	0	0	2	18	4.90	136/1424	4.90	4.37	4.21	4.16	4.90
5. Did assigned readings contribute to what you learned	0	Ő	0	0	1	3	16	4.75	136/1396	4.75	4.09	3.98	4.00	4.75
6. Did written assignments contribute to what you learned	0	0	0	0	1	4	15	4.70	166/1342	4.70	4.22	4.07	4.18	4.70
7. Was the grading system clearly explained	0	0	0	0	1	6	13	4.60	344/1459	4.60	4.30	4.16	4.01	4.60
8. How many times was class cancelled	0	0	0	0	0	0	20	5.00	1/1480	5.00	4.72	4.68	4.74	5.00
9. How would you grade the overall teaching effectiveness	0	0	0	0	0	5	15	4.75	164/1450	4.75	4.11	4.09	3.96	4.75
Lecture														
1. Were the instructor's lectures well prepared	0	0	0	0	0	3	17	4.85	261/1409	4.85	4.46	4.42	4.36	4.85
2. Did the instructor seem interested in the subject	0	0	0	0	0	0	20	5.00	1/1407	5.00	4.79	4.69	4.73	5.00
3. Was lecture material presented and explained clearly	0	0	0	0	1	2	17	4.80	212/1399	4.80	4.39	4.26	4.16	4.80
4. Did the lectures contribute to what you learned	0	0	0	0	1	1	18	4.85	198/1400	4.85	4.29	4.27	4.17	4.85
5. Did audiovisual techniques enhance your understanding	0	1	0	1	3	б	9	4.21	472/1179	4.21	3.92	3.96	3.81	4.21
Discussion														
1. Did class discussions contribute to what you learned	2	0	0	0	1	2	15	4.78	190/1262	4.78	4.41	4.05	4.07	4.78
2. Were all students actively encouraged to participate	2	0	Ő	0	0	2	16	4.89	229/1259	4.89	4.59	4.29	4.30	4.89
3. Did the instructor encourage fair and open discussion	2	0	0	0	0	0	18	5.00	1/1256	5.00	4.53	4.30	4.33	5.00
4. Were special techniques successful	2	1	0	0	2	2	13	4.65	139/ 788	4.65	4.30	4.00	3.97	4.65
Laboratory														
1. Did the lab increase understanding of the material	18	1	0	0	0	0	1	5.00	****/ 246	* * * *	4.44	4.20	4.27	* * * *

Credits E	Earned	Cum. GP2	A	Expecte	ed Grades	Reasons		Туре		Majors	
00-27	5	0.00-0.99	0	A	20	Required for Majors	1	Graduate	15	Major	0
28-55	0	1.00-1.99	0	В	0						
56-83	0	2.00-2.99	0	C	0	General	2	Under-grad	5	Non-major	7
84-150	0	3.00-3.49	0	D	0						
Grad.	15	3.50-4.00	17	F	0	Electives	1	#### - Means	there	are not enough	L
				P	0			responses to	be si	gnificant	
				I	0	Other	15				
				?	0						

# Student Course Evaluation Questionnaire

Ouestions	NR	NA	Fre 1	equer 2	ncie: 3	5 4	5	Inst Mean	ructor. Rank	Course	Dept Mean	UMBC Mean	Level Mean	Sect Mean
Questions		INA 				4		Mean	Ralik	Mean	Mean			Mean
General														
1. Did you gain new insights, skills from this course	1	0	0	0	0	3	б	4.67	395/1481	4.67	4.34	4.29	4.28	4.67
2. Did the instructor make clear the expected goals	0	0	0	0	1	6	3	4.20	884/1481	4.20	4.26	4.23	4.11	4.20
3. Did the exam questions reflect the expected goals	0	9	0	0	0	0	1	5.00	****/1249	* * * *	4.20	4.27	4.24	* * * *
4. Did other evaluations reflect the expected goals	0	1	0	0	1	4	4	4.33	645/1424	4.33	4.37	4.21	4.16	4.33
5. Did assigned readings contribute to what you learned	0	0	0	0	2	3	5	4.30	459/1396	4.30	4.09	3.98	4.00	4.30
6. Did written assignments contribute to what you learned	0	0	0	0	2	3	5	4.30	504/1342	4.30	4.22	4.07	4.18	4.30
7. Was the grading system clearly explained	0	0	0	1	1	2	б	4.30	732/1459	4.30	4.30	4.16	4.01	4.30
8. How many times was class cancelled	0	0	0	0	0	0	10	5.00	1/1480	5.00	4.72	4.68	4.74	5.00
9. How would you grade the overall teaching effectiveness	1	0	0	0	1	6	2	4.11	771/1450	4.11	4.11	4.09	3.96	4.11
Lecture														
1. Were the instructor's lectures well prepared	0	0	0	0	0	3	7	4.70	514/1409	4.70	4.46	4.42	4.36	4.70
2. Did the instructor seem interested in the subject	0	0	0	0	0	2	8	4.80	728/1407	4.80	4.79	4.69	4.73	4.80
3. Was lecture material presented and explained clearly	0	0	0	0	1	5	4	4.30	783/1399	4.30	4.39	4.26	4.16	4.30
4. Did the lectures contribute to what you learned	0	0	0	0	1	3	б	4.50	591/1400	4.50	4.29	4.27	4.17	4.50
5. Did audiovisual techniques enhance your understanding	0	1	0	0	1	2	6	4.56	233/1179	4.56	3.92	3.96	3.81	4.56
Discussion														
1. Did class discussions contribute to what you learned	З	0	0	0	1	1	5	4.57	310/1262	4.57	4.41	4.05	4.07	4.57
2. Were all students actively encouraged to participate	3	0	0	1	0	1	5	4.43	661/1259	4.43	4.59	4.29	4.30	4.43
3. Did the instructor encourage fair and open discussion	3	0	0	1	1	1	4	4.14	837/1256	4.14	4.53	4.30	4.33	4.14
4. Were special techniques successful	3	1	0	0	2	0	4	4.33	254/ 788	4.33	4.30	4.00	3.97	4.33
Field Work														
1. Did field experience contribute to what you learned	5	0	0	0	1	1	З	4.40	35/ 59	4.40	4.44	4.30	4.01	4.40
2. Did you clearly understand your evaluation criteria	5	0	0	0	0	2	3	4.60	10/ 51	4.60	4.22	4.00	3.81	4.60
3. Was the instructor available for consultation	5	0	0	0	0	0	5	5.00	1/ 36	5.00	4.42	4.60	4.65	5.00
4. To what degree could you discuss your evaluations	5	0	0	1	0	1	3	4.20	23/ 41	4.20	4.19	4.26	4.27	4.20
5. Did conferences help you carry out field activities	5	1	0	0	0	2	2	4.50	19/ 31	4.50	4.21	4.42	4.58	4.50
5. 214 contributes help for early out field accivities	5	-	5	5	5	2	2	1.50	17, 51	1.50	1.21	1.10	1.50	1.50

Credits E	arned	Cum. GPA		Expected	Grades	Reasons		Туре		Majors	
00-27	3	0.00-0.99	0	A	7	Required for Majors	0	Graduate	5	Major	0
28-55	0	1.00-1.99	0	В	0						
56-83	0	2.00-2.99	0	С	1	General	0	Under-grad	5	Non-major	1
84-150	1	3.00-3.49	0	D	0						
Grad.	5	3.50-4.00	4	F	0	Electives	0	#### - Means	there	are not enough	
				P	0			responses to	be sig	nificant	
				I	0	Other	8	-			
				?	0						

# Student Course Evaluation Questionnaire

			Frequencies			Inst	ructor	Course	Dept	UMBC	Level	Sect		
Questions	NR	NA	1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
General														
1. Did you gain new insights,skills from this course	0	0	0	0	0	0	3	5.00	1/1481	5.00	4.34	4.29	4.28	5.00
2. Did the instructor make clear the expected goals	0	0	0	0	0	0	3	5.00	1/1481	5.00	4.26	4.23	4.11	5.00
3. Did the exam questions reflect the expected goals	0	0	0	0	0	1	2	4.67	334/1249	4.67	4.20	4.27	4.24	4.67
4. Did other evaluations reflect the expected goals	0	0	0	0	0	1	2	4.67	287/1424	4.67	4.37	4.21	4.16	4.67
5. Did assigned readings contribute to what you learned	0	0	0	0	0	1	2	4.67	193/1396	4.67	4.09	3.98	4.00	4.67
6. Did written assignments contribute to what you learned	0	0	0	0	0	1	2	4.67	190/1342	4.67	4.22	4.07	4.18	4.67
7. Was the grading system clearly explained	0	0	1	0	0	0	2	3.67	1201/1459	3.67	4.30	4.16	4.01	3.67
8. How many times was class cancelled	0	0	0	0	0	1	2	4.67	951/1480	4.67	4.72	4.68	4.74	4.67
9. How would you grade the overall teaching effectiveness	0	1	0	0	0	1	1	4.50	334/1450	4.50	4.11	4.09	3.96	4.50
Lecture														
1. Were the instructor's lectures well prepared	0	0	0	0	1	0	2	4.33	968/1409	4.33	4.46	4.42	4.36	4.33
2. Did the instructor seem interested in the subject	0	0	0	0	0	1	2	4.67	963/1407	4.67	4.79	4.69	4.73	4.67
3. Was lecture material presented and explained clearly	0	0	0	0	0	1	2	4.67	376/1399	4.67	4.39	4.26	4.16	4.67
4. Did the lectures contribute to what you learned	0	0	0	0	0	1	2	4.67	421/1400	4.67	4.29	4.27	4.17	4.67
5. Did audiovisual techniques enhance your understanding	0	0	0	0	0	1	2	4.67	177/1179	4.67	3.92	3.96	3.81	4.67
Discussion														
1. Did class discussions contribute to what you learned	0	0	0	0	0	2	1	4.33	507/1262	4.33	4.41	4.05	4.07	4.33
2. Were all students actively encouraged to participate			0	0	0	1	2	4.67	451/1259	4.67	4.59	4.29	4.30	4.67
3. Did the instructor encourage fair and open discussion	0	0	0	0	0	1	2	4.67	457/1256	4.67	4.53	4.30	4.33	4.67
4. Were special techniques successful	0	0	0	0	0	2	1	4.33	254/ 788	4.33	4.30	4.00	3.97	4.33

Credits Ea	arned	Cum. GPA		Expected	d Grades	Reasons		Туре		Majors	
00-27	1	0.00-0.99	0	А	3	Required for Majors	0	Graduate	0	Major	0
28-55	0	1.00-1.99	0	В	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	1	F	0	Electives	0	#### - Means	there	are not enough	1
				P	0			responses to	be sig	gnificant	
				I	0	Other	2				
				?	0						

# Student Course Evaluation Questionnaire

		Frequencies			Inst	ructor	Course	Dept	UMBC	Level	Sect			
Questions	NR	NA	1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
General														
1. Did you gain new insights, skills from this course	0	0	0	1	1	0	1	3.33	1407/1481	3.33	4.34	4.29	4.28	3.33
2. Did the instructor make clear the expected goals	0	0	0	1	1	0	1	3.33	1371/1481	3.33	4.26	4.23	4.11	3.33
3. Did the exam questions reflect the expected goals	0	0	0	2	1	0	0	2.33	1242/1249	2.33	4.20	4.27	4.24	2.33
4. Did other evaluations reflect the expected goals	0	0	1	0	1	0	1	3.00	1361/1424	3.00	4.37	4.21	4.16	3.00
5. Did assigned readings contribute to what you learned	0	0	0	0	1	1	1	4.00	707/1396	4.00	4.09	3.98	4.00	4.00
6. Did written assignments contribute to what you learned	0	0	1	0	0	1	1	3.33	1186/1342	3.33	4.22	4.07	4.18	3.33
7. Was the grading system clearly explained	0	0	1	0	0	2	0	3.00	1380/1459	3.00	4.30	4.16	4.01	3.00
8. How many times was class cancelled	0	0	0	0	0	0	3	5.00	1/1480	5.00	4.72	4.68	4.74	5.00
9. How would you grade the overall teaching effectiveness	2	0	0	0	1	0	0	3.00	1354/1450	3.00	4.11	4.09	3.96	3.00
Lecture														
1. Were the instructor's lectures well prepared	0	0	0	1	0	2	0	3.33	1325/1409	3.33	4.46	4.42	4.36	3.33
2. Did the instructor seem interested in the subject	0	0	0	0	0	1	2	4.67	963/1407	4.67	4.79	4.69	4.73	4.67
3. Was lecture material presented and explained clearly	0	0	0	0	2	1	0	3.33	1277/1399	3.33	4.39	4.26	4.16	3.33
4. Did the lectures contribute to what you learned	0	0	0	2	1	0	0	2.33	1383/1400	2.33	4.29	4.27	4.17	2.33
5. Did audiovisual techniques enhance your understanding	0	2	0	0	0	1	0	4.00	590/1179	4.00	3.92	3.96	3.81	4.00
Discussion														
	1	0	0	0	0	1	1	4.50	345/1262	4 50	4 4 1	4.05	4.07	4 50
1. Did class discussions contribute to what you learned	1	0 0	0	1	1	T	T T	1.00		4.50	4.41		1.07	4.50
2. Were all students actively encouraged to participate	1	-	0	1	T	0	1		1226/1259	2.50	4.59	4.29	4.30	2.50
3. Did the instructor encourage fair and open discussion	1	0	0	1 1	0	0	T		1106/1256	3.50	4.53	4.30	4.33	3.50
4. Were special techniques successful	Ŧ	U	U	U	2	U	U	3.00	713/ 788	3.00	4.30	4.00	3.97	3.00

Credits Ea	arned	Cum. GPA	L L	Expected	l Grades	Reasons		Туре		Majors	
00-27	0	0.00-0.99	0	А А	1	Required for Majors	0	Graduate	2	Major	0
28-55	0	1.00-1.99	0	В	0						
56-83	0	2.00-2.99	0	С	1	General	0	Under-grad	1	Non-major	3
84-150	0	3.00-3.49	0	D	0						
Grad.	2	3.50-4.00	2	F	0	Electives	0	#### - Means	there	are not enough	L
				P	0			responses to	be sig	gnificant	
				I	0	Other	3	_			
				?	1						

# Student Course Evaluation Questionnaire

Ouestions	NR	NA	Fre 1	equer 2	ncies 3	4	5	Inst Mean	tructor Rank	Course	Dept Mean	UMBC Mean	Level Mean	Sect Mean
General														
1. Did you gain new insights,skills from this course	1	0	0	0	3	3	3	4.00	1069/1481	4.00	4.34	4.29	4.28	4.00
2. Did the instructor make clear the expected goals	1	0	0	0	3	4	2	3.89	1130/1481	3.89	4.26	4.23	4.11	3.89
3. Did the exam questions reflect the expected goals	1	0	0	1	3	3	2	3.67	1081/1249	3.67	4.20	4.27	4.24	3.67
4. Did other evaluations reflect the expected goals	1	0	0	1	2	2	4	4.00	959/1424	4.00	4.37	4.21	4.16	4.00
5. Did assigned readings contribute to what you learned	1	0	0	0	4	2	3	3.89	816/1396	3.89	4.09	3.98	4.00	3.89
6. Did written assignments contribute to what you learned	1	0	0	1	3	3	2	3.67	1039/1342	3.67	4.22	4.07	4.18	3.67
7. Was the grading system clearly explained	1	0	0	1	3	2	3		1142/1459	3.78	4.30	4.16	4.01	3.78
8. How many times was class cancelled	1	0	0	0	0	1	8	4.89	729/1480	4.89	4.72	4.68	4.74	4.89
9. How would you grade the overall teaching effectiveness	3	0	0	0	2	4	1	3.86	1014/1450	3.86	4.11	4.09	3.96	3.86
Lecture														
1. Were the instructor's lectures well prepared	1	0	0	0	1	2	6	4.56	705/1409	4.56	4.46	4.42	4.36	4.56
2. Did the instructor seem interested in the subject	1	0	0	0	0	1	8	4.89	545/1407	4.89	4.79	4.69	4.73	4.89
3. Was lecture material presented and explained clearly	1	0	0	0	1	3	5	4.44	636/1399	4.44	4.39	4.26	4.16	4.44
4. Did the lectures contribute to what you learned	1	0	0	0	1	3	5	4.44	658/1400	4.44	4.29	4.27	4.17	4.44
5. Did audiovisual techniques enhance your understanding	1	1	1	0	3	2	2	3.50	894/1179	3.50	3.92	3.96	3.81	3.50
Discussion														
1. Did class discussions contribute to what you learned	1	0	0	0	1	4	4	4.33	507/1262	4.33	4.41	4.05	4.07	4.33
2. Were all students actively encouraged to participate	1	0	0	0	1	3	5	4.44	643/1259	4.44	4.59	4.29	4.30	4.44
3. Did the instructor encourage fair and open discussion	1	0	0	1	3	1	4	3.89	992/1256	3.89	4.53	4.30	4.33	3.89
4. Were special techniques successful	1	0	0	1	2	3	3	3.89	492/ 788	3.89	4.30	4.00	3.97	3.89
Seminar														
1. Were assigned topics relevant to the announced theme	8	0	0	0	1	1	0	3.50	****/ 68	* * * *	4.37	4.49	4.23	* * * *
2. Was the instructor available for individual attention	9	0	0	0	0	1	0	4.00	****/ 69	* * * *	4.50	4.53	4.46	* * * *
3. Did research projects contribute to what you learned	9	0	0	0	0	0	1		****/ 63	* * * *	4.59	4.44	4.44	* * * *
4. Did presentations contribute to what you learned	9	0	0	0	0	1	0		****/ 69	* * * *	4.30	4.35	4.16	* * * *
5. Were criteria for grading made clear	9	0	0	0	0	1	0		****/ 68	* * * *	4.53	3.92	3.71	* * * *
Field Work														
Field Work 1. Did field experience contribute to what you learned	б	0	0	1	0	S	1	3.75	45/ 59	3.75	4.44	4.30	4.01	3.75
2. Did you clearly understand your evaluation criteria	6	0	0	0	2	2 2	0	3.50	40/ 51	3.50	4.44	4.30	4.01 3.81	3.50
3. Was the instructor available for consultation	6	2	0	0	2 0	2 1	1		****/ 36	3.3U ****	4.22	4.00	3.81 4.65	5.5U ****
4. To what degree could you discuss your evaluations	6	2	0	1	1	0	0	2.50	****/ 41	****	4.42	4.80	4.85	* * * *
5. Did conferences help you carry out field activities	6	3	0	0	0	1	0		****/ 31	* * * *	4.19	4.42	4.58	* * * *
5. Fra conferences herp you carry out field activities	0	5	0	0	0	-	0	1.00	, 51		1.21	1.12	1.55	

Credits Ea	arned	Cum. GPA		Expected	l Grades	Reasons		Туре		Majors	
00-27	3	0.00-0.99	1	A	3	Required for Majors	0	Graduate	6	Major	0
28-55	0	1.00-1.99	0	В	4						
56-83	0	2.00-2.99	0	С	1	General	0	Under-grad	4	Non-major	0
84-150	0	3.00-3.49	0	D	0						
Grad.	6	3.50-4.00	6	F	0	Electives	0	#### - Means	there	are not enough	1
				P	0			responses to	be sig	gnificant	
				I	0	Other	8	_			
				?	0						

# Student Course Evaluation Questionnaire

				-	ncies				ructor	Course	-			
Questions	NR	NA	1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
General														
1. Did you gain new insights, skills from this course	1	0	1	2	1	4	5	3.77	1248/1481	3.77	4.34	4.29	4.28	3.77
2. Did the instructor make clear the expected goals	1	0	1	3	2	5	2	3.31	1375/1481	3.31	4.26	4.23	4.11	3.31
3. Did the exam questions reflect the expected goals	1	9	0	0	1	1	2	4.25	742/1249	4.25	4.20	4.27	4.24	4.25
4. Did other evaluations reflect the expected goals	1	0	1	1	2	5	4	3.77	1181/1424	3.77	4.37	4.21	4.16	3.77
5. Did assigned readings contribute to what you learned	1	1	1	3	0	5	3	3.50	1083/1396	3.50	4.09	3.98	4.00	3.50
6. Did written assignments contribute to what you learned	1	0	1	2	2	3	5	3.69	1023/1342	3.69	4.22	4.07	4.18	3.69
7. Was the grading system clearly explained	1	0	0	2	5	4	2	3.46	1272/1459	3.46	4.30	4.16	4.01	3.46
8. How many times was class cancelled	2	0	0	0	0	5	7	4.58	1006/1480	4.58	4.72	4.68	4.74	4.58
9. How would you grade the overall teaching effectiveness	4	0	0	2	4	4	0	3.20	1320/1450	3.20	4.11	4.09	3.96	3.20
Lecture														
1. Were the instructor's lectures well prepared	3	0	1	1	5	2	2	3.27	1335/1409	3.27	4.46	4.42	4.36	3.27
2. Did the instructor seem interested in the subject	2	0	0	0	2	6	4		1283/1407	4.17	4.79	4.69	4.73	4.17
3. Was lecture material presented and explained clearly	4	0	1	1	4	4	0	3.10	1316/1399	3.10	4.39	4.26	4.16	3.10
4. Did the lectures contribute to what you learned	3	0	1	2	2	4	2	3.36	1263/1400	3.36	4.29	4.27	4.17	3.36
5. Did audiovisual techniques enhance your understanding	3	1	1	2	3	2	2	3.20	1011/1179	3.20	3.92	3.96	3.81	3.20
Discussion														
1. Did class discussions contribute to what you learned	2	0	1	2	4	1	Δ	3 4 2	1030/1262	3.42	4.41	4.05	4.07	3.42
2. Were all students actively encouraged to participate	3	0	0	1	2	3	5	4.09	869/1259	4.09	4.59	4.29	4.30	4.09
3. Did the instructor encourage fair and open discussion	3	0	1	1	3	4	2		1115/1256	3.45	4.53	4.30		3.45
4. Were special techniques successful	3	0	1	2	3	2	3	3.36	662/ 788	3.36	4.30	4.00		3.36
4. Were special cechniques successial	J	0	Ŧ	2	5	2	J	5.50	002/ 700	5.50	ч.50	1.00	5.91	5.50
Seminar														
1. Were assigned topics relevant to the announced theme	11	1	0	0	0	1	1	4.50	****/ 68	* * * *	4.37	4.49	4.23	* * * *
2. Was the instructor available for individual attention	12	0	0	0	0	1	1	4.50	****/ 69	* * * *	4.50	4.53	4.46	* * * *
3. Did research projects contribute to what you learned	12	0	0	1	0	0	1	3.50	****/ 63	* * * *	4.59	4.44	4.44	* * * *
4. Did presentations contribute to what you learned	12	0	0	0	0	1	1	4.50	****/ 69	* * * *	4.30	4.35	4.16	* * * *
5. Were criteria for grading made clear	12	0	0	0	1	1	0	3.50	****/ 68	* * * *	4.53	3.92	3.71	* * * *

Credits H	Earned	Cum. GPA	Α	Expecte	d Grades	Reasons		Туре		Majors	
00-27	1	0.00-0.99	0	A	10	Required for Majors	0	Graduate	6	Major	0
28-55	0	1.00-1.99	0	В	2						
56-83	0	2.00-2.99	0	C	0	General	0	Under-grad	8	Non-major	2
84-150	0	3.00-3.49	0	D	0						
Grad.	6	3.50-4.00	10	F	0	Electives	0	#### - Means	there	are not enough	
				P	0			responses to	be sig	nificant	
				I	0	Other	11	-			
				?	0						

# Student Course Evaluation Questionnaire

				-	ncies				ructor	Course	-		Level	Sect
Questions	NR	NA	1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
General														
1. Did you gain new insights, skills from this course	0	0	0	0	0	2	16	4.89	173/1481	4.89	4.34	4.29	4.28	4.89
2. Did the instructor make clear the expected goals	0	0	0	0	0	5	13	4.72	255/1481	4.72	4.26	4.23	4.11	4.72
3. Did the exam questions reflect the expected goals	0	5	0	0	0	1	12	4.92	113/1249	4.92	4.20	4.27	4.24	4.92
4. Did other evaluations reflect the expected goals	0	0	0	0	1	3	14	4.72	240/1424	4.72	4.37	4.21	4.16	4.72
5. Did assigned readings contribute to what you learned	0	0	0	1	3	4	10	4.28	484/1396	4.28	4.09	3.98	4.00	4.28
6. Did written assignments contribute to what you learned	0	0	0	0	0	5	13	4.72	148/1342	4.72	4.22	4.07	4.18	4.72
7. Was the grading system clearly explained	0	0	0	0	0	4	14	4.78	182/1459	4.78	4.30	4.16	4.01	4.78
8. How many times was class cancelled	0	0	0	0	0	0	18	5.00	1/1480	5.00	4.72	4.68	4.74	5.00
9. How would you grade the overall teaching effectiveness	1	0	0	0	0	7	10	4.59	274/1450	4.59	4.11	4.09	3.96	4.59
Lecture														
1. Were the instructor's lectures well prepared	0	0	0	0	0	3	15	4.83	290/1409	4.83	4.46	4.42	4.36	4.83
2. Did the instructor seem interested in the subject	0	0	0	0	0	3	15	4.83	659/1407	4.83	4.79	4.69	4.73	4.83
3. Was lecture material presented and explained clearly	0	0	0	0	0	5	13	4.72	300/1399	4.72	4.39	4.26	4.16	4.72
4. Did the lectures contribute to what you learned	0	0	0	0	0	3	15	4.83	218/1400	4.83	4.29	4.27	4.17	4.83
5. Did audiovisual techniques enhance your understanding	0	13	0	0	0	3	2	4.40	340/1179	4.40	3.92	3.96	3.81	4.40
Discussion														
1. Did class discussions contribute to what you learned	0	0	0	0	З	4	11	4.44	400/1262	4.44	4.41	4.05	4.07	4.44
2. Were all students actively encouraged to participate	0	0	0	Ő	1	7	10	4.50	588/1259	4.50	4.59	4.29	4.30	4.50
3. Did the instructor encourage fair and open discussion	Ő	Ő	0	0	2	3	13	4.61	506/1256	4.61	4.53	4.30	4.33	4.61
4. Were special techniques successful	0	0	0	1	0	9	8	4.33	254/ 788	4.33	4.30	4.00	3.97	4.33
Field Work	1 7	0	0	0	0	0	1	F 00	****/ 59	* * * *		1 20	4 01	* * * *
1. Did field experience contribute to what you learned	17 17	•	-	-	0	0	1	5.00	****/ 59 ****/ 51	****	4.44 4.22	4.30	4.01 3.81	* * * *
<ol> <li>Did you clearly understand your evaluation criteria</li> <li>Was the instructor available for consultation</li> </ol>	17	0 0	0 0	0 0	0 0	0	1		****/ 36	****	4.22	4.00 4.60	3.81 4.65	* * * *
	17	0	0	0	0	0	1		****/ 41	****	4.42	4.60	4.65	* * * *
4. To what degree could you discuss your evaluations 5. Did conferences help you carry out field activities	17	0	0	0	0	0	⊥ 1		****/ 31	****	4.19	4.26	4.27	****
5. Did conferences neip you carry out field activities	Τ/	U	U	U	U	U	T	5.00		~ ~ ~ ^	4.21	4.42	4.58	

Credits E	Earned	Cum. GPA		Expecte	d Grades	Reasons		Туре		Majors	
00-27	 7	0.00-0.99	6	A	14	Required for Majors	0	Graduate	11	Major	0
28-55	0	1.00-1.99	0	В	4						
56-83	0	2.00-2.99	0	C	0	General	0	Under-grad	7	Non-major	0
84-150	0	3.00-3.49	0	D	0						
Grad.	11	3.50-4.00	4	F	0	Electives	0	#### - Means	there	are not enough	
				P	0			responses to	be sig	gnificant	
				I	0	Other	18	_			
				?	0						

# Student Course Evaluation Questionnaire

			Fre	equer	ncies	5		Inst	ructor	Course	Dept	UMBC	Level	Sect
Questions	NR	NA	1	2	3	4	5	Mean	Rank		Mean		Mean	Mean
General														
1. Did you gain new insights, skills from this course	0	0	0	0	4	5	6	4.13	976/1481				4.28	4.13
2. Did the instructor make clear the expected goals	0	0	0	0	1	9	5	4.27	811/1481	4.27	4.26	4.23	4.11	4.27
3. Did the exam questions reflect the expected goals	0	14	0	0	0	0	1		****/1249	* * * *	4.20	4.27	4.24	* * * *
<ol><li>Did other evaluations reflect the expected goals</li></ol>	0	0	1	0	1	9	4	4.00	959/1424	4.00	4.37	4.21	4.16	4.00
5. Did assigned readings contribute to what you learned	3	0	0	0	1	3		4.58	252/1396	4.58	4.09	3.98	4.00	4.58
6. Did written assignments contribute to what you learned	2	1	0	0	2	5	5	4.25	542/1342	4.25	4.22	4.07	4.18	4.25
7. Was the grading system clearly explained	2	0	0	0	3	5		4.15	863/1459	4.15	4.30	4.16	4.01	4.15
8. How many times was class cancelled	2	0	0	0	0	11	2	4.15	1288/1480	4.15	4.72	4.68	4.74	4.15
9. How would you grade the overall teaching effectiveness	1	0	0	0	8	5	1	3.50	1223/1450	3.50	4.11	4.09	3.96	3.50
Lecture														
1. Were the instructor's lectures well prepared	0	0	1	0	3	б	5	3.93	1198/1409	3.93	4.46	4.42	4.36	3.93
2. Did the instructor seem interested in the subject	0	0	0	0	0	2		4.87	591/1407	4.87	4.79	4.69	4.73	4.87
3. Was lecture material presented and explained clearly	0	0	1	Ő	4	5			1115/1399	3.87	4.39	4.26	4.16	3.87
4. Did the lectures contribute to what you learned	0	0	1	Ő	8	3	3		1240/1400	3.47	4.29	4.27	4.17	3.47
5. Did audiovisual techniques enhance your understanding	0	12	2	0	0	1	0		****/1179	****	3.92	3.96	3.81	****
5. Did dudiovibuai econniques emidinee your understanding	0	12	2	0	0	1	0	2.00	/11/9		5.72	5.90	5.01	
Discussion														
1. Did class discussions contribute to what you learned	0	0	0	0	1	4	10	4.60	295/1262	4.60	4.41	4.05	4.07	4.60
2. Were all students actively encouraged to participate	0	0	0	0	1	1	13	4.80	304/1259	4.80	4.59	4.29	4.30	4.80
3. Did the instructor encourage fair and open discussion	0	0	0	0	0	3	12	4.80	296/1256	4.80	4.53	4.30	4.33	4.80
4. Were special techniques successful	0	4	1	1	4	3	2	3.36	662/ 788	3.36	4.30	4.00	3.97	3.36
Laboratory														
2. Were you provided with adequate background information	14	0	0	0	0	1	0	4 00	****/ 249	* * * *	4.33	4 11	3.93	* * * *
2. Were you provided with adequate background information	14	0	0	0	0	Т	0	4.00	249		4.33	4.11	3.95	
Seminar														
1. Were assigned topics relevant to the announced theme	13	0	0	0	0	0	2	5.00	****/ 68	* * * *	4.37	4.49	4.23	* * * *
2. Was the instructor available for individual attention	13	0	0	0	0	1	1	4.50	****/ 69	* * * *	4.50	4.53	4.46	* * * *
3. Did research projects contribute to what you learned	13	0	0	0	0	0	2	5.00	****/ 63	* * * *	4.59	4.44	4.44	* * * *
4. Did presentations contribute to what you learned	13	0	0	0	0	0	2	5.00	****/ 69	* * * *	4.30	4.35	4.16	* * * *
5. Were criteria for grading made clear	13	0	1	0	0	1	0	2.50	****/ 68	* * * *	4.53	3.92	3.71	* * * *
Field Work														
1. Did field experience contribute to what you learned	13	0	0	0	0	0	2	5 00	****/ 59	* * * *	4.44	4.30	4.01	* * * *
2. Did you clearly understand your evaluation criteria	13	0	0	0	1	1	0	3.50	****/ 51	* * * *	4.22	4.00	3.81	* * * *
3. Was the instructor available for consultation	13	0	0	0	1	1	0		****/ 36	* * * *	4.42	4.60	4.65	* * * *
4. To what degree could you discuss your evaluations	13	1	0	0	0	0	1		****/ 41	* * * *	4.19	4.26	4.27	* * * *
5. Did conferences help you carry out field activities	13	0	0	0	1	0	1		****/ 31	* * * *	4.21	4.42	4.58	* * * *
5. Dia conferences help you carry out field activities	<del>ر ⊥</del>	U	U	0	-	0	1	1.00	/ 31		1.21	1.12	1.50	
Self Paced														
1. Did self-paced system contribute to what you learned	12	0	0	1	0	0	2		****/ 55	* * * *	5.00	4.55	4.38	* * * *
2. Did study questions make clear the expected goal	12	0	1	0	0	2	0	3.00	****/ 31	* * * *	5.00	4.75	4.95	* * * *
3. Were your contacts with the instructor helpful	12	0	1	0	0	1	1	3.33	****/ 51	* * * *	5.00	4.65	4.54	* * * *

Course-Section:	EDUC 689H 8720	University of Maryland	Page 577
Title	RES 6+1 WRITING TRAITS	Baltimore County	JUN 13, 2006
Instructor:	JEFFERSON, CHER	Spring 2006	Job IRBR3029
Enrollment:	17		
Questionnaires:	15	Student Course Evaluation Questionnaire	

Credits Ea	arned	Cum. GPA		Expected	l Grades	Reasons		Туре		Majors	
00-27	2	0.00-0.99	0	А	8	Required for Majors	0	Graduate	5	Major	0
28-55	0	1.00-1.99	0	В	0						
56-83	0	2.00-2.99	0	С	1	General	4	Under-grad	10	Non-major	15
84-150	0	3.00-3.49	0	D	0						
Grad.	5	3.50-4.00	0	F	0	Electives	3	#### - Means	there	are not enough	ı
				P	0			responses to	be sig	gnificant	
				I	0	Other	3				
				?	0						

# Student Course Evaluation Questionnaire

			Fre	equer	ncies	3		Inst	ructor	Course	Dept	UMBC	Level	Sect
Questions	NR	NA	1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
General														
1. Did you gain new insights, skills from this course	0	0	0	0	1	9	11	4.48	587/1481	4.48	4.34	4.29	4.28	4.48
2. Did the instructor make clear the expected goals	0	0	1	0	0	8	12	4.43	632/1481	4.43	4.26	4.23	4.11	4.43
3. Did the exam questions reflect the expected goals	0	0	0	2	1	6	12	4.33	679/1249	4.33	4.20	4.27	4.24	4.33
4. Did other evaluations reflect the expected goals	0	1	0	1	0	8	11	4.45	509/1424	4.45	4.37	4.21	4.16	4.45
5. Did assigned readings contribute to what you learned	1	0	0	0	2	6	12	4.50	297/1396	4.50	4.09	3.98	4.00	4.50
6. Did written assignments contribute to what you learned	1	0	0	0	1	8	11	4.50	303/1342	4.50	4.22	4.07	4.18	4.50
7. Was the grading system clearly explained	2	0	1	0	2	5	11	4.32	719/1459	4.32	4.30	4.16	4.01	4.32
8. How many times was class cancelled	1	0	0	0	0	0	20	5.00	1/1480	5.00	4.72	4.68	4.74	5.00
9. How would you grade the overall teaching effectiveness	б	1	0	0	1	5	8	4.50	334/1450	4.50	4.11	4.09	3.96	4.50
Lecture														
1. Were the instructor's lectures well prepared	0	0	0	1	0	2	18	4.76	400/1409	4.76	4.46	4.42	4.36	4.76
2. Did the instructor seem interested in the subject	0	0	1	0	0	4	16	4.62	1019/1407	4.62	4.79	4.69	4.73	4.62
3. Was lecture material presented and explained clearly	0	0	0	1	1	5	14	4.52	545/1399	4.52	4.39	4.26	4.16	4.52
4. Did the lectures contribute to what you learned	0	0	0	1	0	4	16	4.67	421/1400	4.67	4.29	4.27	4.17	4.67
5. Did audiovisual techniques enhance your understanding	0	0	1	1	2	4	13	4.29	419/1179	4.29	3.92	3.96	3.81	4.29
Discussion														
1. Did class discussions contribute to what you learned	0	0	0	1	4	4	12	4.29	550/1262	4.29	4.41	4.05	4.07	4.29
2. Were all students actively encouraged to participate	0	0	0	1	5	2	13	4.29	764/1259	4.29	4.59	4.29	4.30	4.29
3. Did the instructor encourage fair and open discussion	0	0	0	0	1	6	14	4.62	506/1256	4.62	4.53	4.30	4.33	4.62
4. Were special techniques successful	0	3	2	0	1	4	11	4.22	304/ 788	4.22	4.30	4.00	3.97	4.22

Credits Ea	arned	Cum. GPA	Α	Expecte	d Grades	Reasons		Туре		Majors	
00-27	5	0.00-0.99	0	А А	16	Required for Majors	0	Graduate	9	Major	0
28-55	1	1.00-1.99	0	В	0						
56-83	0	2.00-2.99	0	C	0	General	0	Under-grad	12	Non-major	6
84-150	1	3.00-3.49	1	D	0						
Grad.	9	3.50-4.00	14	F	0	Electives	0	#### - Means	there	are not enough	L
				P	0			responses to	be sig	gnificant	
				I	0	Other	17				
				?	0						

# Student Course Evaluation Questionnaire

Questions	NR	NA	Fre 1	eque 2	ncie 3	s 4	5	Inst Mean	ructor Rank	Course Mean	Dept Mean	UMBC Mean	Level Mean	Sect Mean
General	-	-	_	-	-		_							
1. Did you gain new insights, skills from this course	0	0	0	0	0	0	1		1/1481			4.29	4.28	5.00
2. Did the instructor make clear the expected goals	0	0	0	0	0	0	1	5.00	1/1481	5.00	4.26	4.23	4.11	5.00
3. Did the exam questions reflect the expected goals	0	0 0	0	0	0	0	1	5.00	1/1249	5.00	4.20	4.27	4.24	5.00
5. Did assigned readings contribute to what you learned 7. Was the grading system clearly explained	0 0	0	0 0	0 0	0 0	0 0	1 1	5.00 5.00	1/1396 1/1459	5.00 5.00	4.09 4.30	3.98	4.00 4.01	5.00 5.00
8. How many times was class cancelled	0	0	0	1	0	0	0		1478/1480	2.00	4.30	4.16 4.68	4.01 4.74	2.00
9. How would you grade the overall teaching effectiveness	0	0	0	0	0	0	1	2.00	1/1450	2.00	4.72	4.00	4.74 3.96	2.00
9. Now would you grade the overall teaching effectiveness	0	0	0	0	0	0	Т	5.00	1/1450	5.00	4.11	4.09	3.90	5.00
Lecture														
1. Were the instructor's lectures well prepared	0	0	0	0	0	0	1	5.00	1/1409	5.00	4.46	4.42	4.36	5.00
2. Did the instructor seem interested in the subject	0	0	0	0	0	0	1	5.00	1/1407	5.00	4.79	4.69	4.73	5.00
3. Was lecture material presented and explained clearly	0	0	0	0	0	0	1	5.00	1/1399	5.00	4.39	4.26	4.16	5.00
4. Did the lectures contribute to what you learned	0	0	0	0	0	0	1	5.00	1/1400	5.00	4.29	4.27	4.17	5.00
5. Did audiovisual techniques enhance your understanding	0	0	0	0	0	0	1	5.00	1/1179	5.00	3.92	3.96	3.81	5.00
Discussion	0	0	~	0	~	0	-	F 0.0	1 /1000	- 00	4 4 1	4 05	4 0 7	- 00
1. Did class discussions contribute to what you learned	0	0	0	0	0	0	1	5.00	1/1262	5.00	4.41	4.05	4.07	5.00
2. Were all students actively encouraged to participate	0	0	0	0	0	0	1	5.00	1/1259	5.00	4.59	4.29	4.30	5.00
3. Did the instructor encourage fair and open discussion 4. Were special techniques successful	0 0	0	0 0	0 0	0 0	0 0	1 1	5.00 5.00	1/1256 1/ 788	5.00 5.00	4.53 4.30	4.30 4.00	4.33 3.97	5.00 5.00
4. were special techniques successiul	0	0	U	0	0	0	T	5.00	1/ /88	5.00	4.30	4.00	3.97	5.00
Laboratory														
1. Did the lab increase understanding of the material	0	0	0	0	0	0	1	5.00	1/ 246	5.00	4.44	4.20	4.27	5.00
2. Were you provided with adequate background information	0	0	0	0	0	0	1	5.00	1/ 249	5.00	4.33	4.11	3.93	5.00
3. Were necessary materials available for lab activities	0	0	0	0	0	0	1	5.00	1/ 242	5.00	4.33	4.40	4.27	5.00
4. Did the lab instructor provide assistance	0	0	0	0	0	0	1	5.00	1/ 240	5.00	4.67	4.20	4.15	5.00
5. Were requirements for lab reports clearly specified	0	0	0	0	0	0	1	5.00	1/ 217	5.00	4.47	4.04	3.73	5.00
Seminar														
1. Were assigned topics relevant to the announced theme	0	0	0	0	0	0	1	5.00	1/ 68	5.00	4.37	4.49	4.23	5.00
2. Was the instructor available for individual attention	0	0	0	0	0	0	1	5.00	1/ 69	5.00	4.50	4.53	4.46	5.00
3. Did research projects contribute to what you learned	0	0	0	0	0	0	1		1/ 63	5.00	4.59	4.44	4.44	5.00
5, 21a 10boaron Frojecos concrisado do miao foa roarnoa	Ū	0	U	0	Ū	Ū	-	5.00	2, 00	5.00	1.05			5.00
Field Work														
1. Did field experience contribute to what you learned	0	0	0	0	0	0	1	5.00	1/ 59	5.00	4.44	4.30	4.01	5.00
2. Did you clearly understand your evaluation criteria	0	0	0	0	0	0	1		1/ 51	5.00	4.22	4.00	3.81	5.00
3. Was the instructor available for consultation	0	0	0	0	0	0	1		1/ 36	5.00	4.42	4.60	4.65	5.00
4. To what degree could you discuss your evaluations	0	0	0	0	0	0	1	5.00	1/ 41	5.00	4.19	4.26	4.27	5.00
5. Did conferences help you carry out field activities	0	0	0	0	0	0	1	5.00	1/ 31	5.00	4.21	4.42	4.58	5.00
Self Paced														
1. Did self-paced system contribute to what you learned	0	0	0	0	0	0	1	5.00	1/ 55	5.00	5.00	4.55	4.38	5.00
2. Did study questions make clear the expected goal	0	0	0	Ő	0	0	1	5.00	1/ 31	5.00	5.00	4.75	4.95	5.00
3. Were your contacts with the instructor helpful	0	0	0	0	0	0	1	5.00	1/ 51	5.00	5.00	4.65	4.54	5.00
4. Was the feedback/tutoring by proctors helpful	0	0	0	0	0	0	1	5.00	1/ 34	5.00	5.00	4.83	5.00	5.00
5. Were there enough proctors for all the students	0	0	0	0	0	0	1	5.00	1/ 24		5.00	4.82	5.00	5.00

Course-Section:	EDUC 690 0201	University of Maryland	Page 579
Title	INDIV PROJECTS IN EDUC	Baltimore County	JUN 13, 2006
Instructor:	HUANG, YI-PING	Spring 2006	Job IRBR3029
Enrollment:	1		
Questionnaires:	1	Student Course Evaluation Questionnaire	

Credits Ea	arned	Cum. GPA		Expected	l Grades	Reasons		Туре		Majors	
00-27	0	0.00-0.99	0	A	1	Required for Majors	0	Graduate	0	Major	0
28-55	0	1.00-1.99	0	В	0						
56-83	0	2.00-2.99	0	С	0	General	1	Under-grad	1	Non-major	0
84-150	0	3.00-3.49	0	D	0						
Grad.	0	3.50-4.00	0	F	0	Electives	0	#### - Means	there	are not enough	L
				P	0			responses to	be sig	nificant	
				I	0	Other	0				
				?	0						

# Student Course Evaluation Questionnaire

			Fre	equer	ncies	3		Inst	ructor	Course	Dept	UMBC	Level	Sect
Questions	NR	NA	1	2	3	4	5	Mean	Rank		-		Mean	
General		_	-	_	-	-								
1. Did you gain new insights, skills from this course	0	0	0	3	2	2	4		1311/1481		4.34		4.28	3.64
2. Did the instructor make clear the expected goals	0	0	0	2	3	3	3		1269/1481	3.64	4.26	4.23	4.11	3.64
3. Did the exam questions reflect the expected goals	0	8	1	0	0	0	2		1081/1249	3.67	4.20	4.27	4.24	3.67
4. Did other evaluations reflect the expected goals	0	б	0	1	0	2	2	4.00	959/1424		4.37	4.21	4.16	4.00
5. Did assigned readings contribute to what you learned	0	7	0	0	1	1	2	4.25	502/1396		4.09	3.98	4.00	4.25
6. Did written assignments contribute to what you learned	0	7	0	0	2	0	2	4.00	755/1342		4.22	4.07	4.18	4.00
7. Was the grading system clearly explained	0	3	0	2	2	0	4		1154/1459	3.75	4.30	4.16	4.01	3.75
8. How many times was class cancelled	0	0	0	0	0	3	8	4.73	904/1480		4.72	4.68		4.73
9. How would you grade the overall teaching effectiveness	7	0	0	0	0	2	2	4.50	334/1450	4.50	4.11	4.09	3.96	4.50
Lecture														
1. Were the instructor's lectures well prepared	б	0	0	1	0	3	1	3.80	1238/1409	3.80	4.46	4.42	4.36	3.80
2. Did the instructor seem interested in the subject	6	0	0	0	2	0	3	4.20	1277/1407	4.20	4.79	4.69	4.73	4.20
3. Was lecture material presented and explained clearly	6	0	0	1	0	2	2	4.00	1002/1399	4.00	4.39	4.26	4.16	4.00
4. Did the lectures contribute to what you learned	6	0	1	0	0	1	3	4.00	1017/1400	4.00	4.29	4.27	4.17	4.00
5. Did audiovisual techniques enhance your understanding	6	4	0	0	0	1	0	4.00	****/1179	* * * *	3.92		3.81	* * * *
Discussion														
1. Did class discussions contribute to what you learned	4	0	0	1	0	3	3	4.14	645/1262		4.41	4.05	4.07	4.14
<ol><li>Were all students actively encouraged to participate</li></ol>	4	0	0	0	2	1	4	4.29	764/1259	4.29	4.59	4.29	4.30	4.29
3. Did the instructor encourage fair and open discussion	5	0	0	0	1	1	4	4.50	571/1256	4.50	4.53	4.30	4.33	4.50
4. Were special techniques successful	5	4	0	0	1	0	1	4.00	****/ 788	* * * *	4.30	4.00	3.97	* * * *
Seminar														
1. Were assigned topics relevant to the announced theme	1	1	0	1	2	1	5	4.11	53/ 68	4.11	4.37	4.49	4.23	4.11
2. Was the instructor available for individual attention	1	2	0	1	1	1	5	4.25	54/ 69	4.25	4.50	4.53		4.25
3. Did research projects contribute to what you learned	1	4	0	0	1	2	3	4.33	39/ 63		4.59	4.44	4.44	4.33
4. Did presentations contribute to what you learned	1	1	0	2	0	2	5	4.11	47/ 69			4.35	4.16	
5. Were criteria for grading made clear	1	4	0	0	2	1	3		34/ 68		4.53	3.92	3.71	
5. Were errerra for grading made erear	-	-	Ū	Ū	2	-	5	1.1/	51, 00	1.1/	1.55	5.52	5.71	1.1/
Field Work														
1. Did field experience contribute to what you learned	7	0	0	0	0	0	4	5.00	1/ 59	5.00	4.44	4.30	4.01	5.00
2. Did you clearly understand your evaluation criteria	7	0	1	0	0	1	2	3.75	39/ 51	3.75	4.22	4.00	3.81	3.75
3. Was the instructor available for consultation	7	0	0	0	0	0	4	5.00	1/ 36	5.00	4.42	4.60	4.65	5.00
4. To what degree could you discuss your evaluations	8	0	0	0	0	0	3	5.00	1/ 41	5.00	4.19	4.26	4.27	5.00
5. Did conferences help you carry out field activities		0	0	0	0	1	2	4.67	16/ 31	4.67	4.21	4.42	4.58	4.67
Self Paced		-		~	~		-							
1. Did self-paced system contribute to what you learned	10	0	0	0	0	0	1		****/ 55	* * * *	5.00	4.55	4.38	* * * *
3. Were your contacts with the instructor helpful	10	0	0	0	0	0	1	5.00	****/ 51		5.00	4.65	4.54	* * * *
4. Was the feedback/tutoring by proctors helpful	10	0	0	0	0	0	1	5.00	****/ 34	* * * *	5.00	4.83	5.00	* * * *
5. Were there enough proctors for all the students	10	0	0	0	0	0	1	5.00	****/ 24	* * * *	5.00	4.82	5.00	* * * *

Credits Ea	arned	Cum. GPA		Expected	d Grades	Reasons		Туре		Majors	
00-27	2	0.00-0.99	0	А	9	Required for Majors	0	Graduate	4	Major	0
28-55	1	1.00-1.99	0	В	1						
56-83	0	2.00-2.99	0	С	0	General	0	Under-grad	7	Non-major	2
84-150	0	3.00-3.49	0	D	0						
Grad.	4	3.50-4.00	7	F P	0 0	Electives	0	#### - Means responses to		are not enough nificant	1

I 0 Other 10 ? 0

# Student Course Evaluation Questionnaire

				-	ncies	5	_		tructor	Course	-		Level	Sect
Questions	NR	NA	1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
General														
1. Did you gain new insights, skills from this course	0	0	0	0	2	1	4	4.29	805/1481	4.29	4.34	4.29	4.28	4.29
2. Did the instructor make clear the expected goals	0	0	0	0	1	2	4	4.43	632/1481	4.43	4.26	4.23	4.11	4.43
3. Did the exam questions reflect the expected goals	0	5	0	0	0	1	1	4.50	498/1249	4.50	4.20	4.27	4.24	4.50
4. Did other evaluations reflect the expected goals	0	0	0	0	2	1	4	4.29	706/1424	4.29	4.37	4.21	4.16	4.29
5. Did assigned readings contribute to what you learned	1	0	0	1	1	1	3	4.00	707/1396	4.00	4.09	3.98	4.00	4.00
6. Did written assignments contribute to what you learned	1	0	0	1	0	3	2	4.00	755/1342	4.00	4.22	4.07	4.18	4.00
7. Was the grading system clearly explained	1	0	0	0	2	0	4	4.33	695/1459	4.33	4.30	4.16	4.01	4.33
8. How many times was class cancelled	1	0	0	0	0	2	4	4.67	951/1480	4.67	4.72	4.68	4.74	4.67
9. How would you grade the overall teaching effectiveness	3	0	0	0	1	2	1	4.00	836/1450	4.00	4.11	4.09	3.96	4.00
Lecture														
1. Were the instructor's lectures well prepared	5	0	0	0	0	0	2	5.00	1/1409	5.00	4.46	4.42	4.36	5.00
2. Did the instructor seem interested in the subject	5	0	0	0	0	0	2	5.00	1/1407	5.00	4.79	4.69	4.73	5.00
3. Was lecture material presented and explained clearly	5	0	0	0	0	0	2	5.00	1/1399	5.00	4.39	4.26	4.16	5.00
4. Did the lectures contribute to what you learned	б	0	0	0	0	0	1	5.00	****/1400	* * * *	4.29	4.27	4.17	* * * *
5. Did audiovisual techniques enhance your understanding	5	0	1	0	1	0	0	2.00	1156/1179	2.00	3.92	3.96	3.81	2.00
Discussion														
1. Did class discussions contribute to what you learned	3	0	0	0	0	3	1	4.25	570/1262	4.25	4.41	4.05	4.07	4.25
2. Were all students actively encouraged to participate	3	0	0	0	0	0	4	5.00	1/1259	5.00	4.59	4.29	4.30	5.00
3. Did the instructor encourage fair and open discussion	3	0	0	0	0	1	3	4.75	357/1256	4.75	4.53	4.30	4.33	4.75
4. Were special techniques successful	3	0	0	0	1	1	2	4.25	291/ 788	4.25	4.30	4.00	3.97	4.25
Seminar														
1. Were assigned topics relevant to the announced theme	0	0	0	0	0	4	3	4.43	47/ 68	4.43	4.37	4.49	4.23	4.43
2. Was the instructor available for individual attention	0	Ő	Ő	0	0	3	4	4.57	35/ 69	4.57	4.50	4.53	4.46	4.57
3. Did research projects contribute to what you learned	0	0	0	0	1	2	4	4.43	37/ 63	4.43	4.59	4.44	4.44	4.43
4. Did presentations contribute to what you learned	0	0	0	0	0	3	4	4.57	35/ 69	4.57	4.30	4.35	4.16	4.57
5. Were criteria for grading made clear	0	0	0	0	0	2	5	4.71	24/ 68	4.71	4.53	3.92	3.71	4.71
Field Work														
1. Did field experience contribute to what you learned	1	0	0	0	2	2	2	4.00	39/ 59	4.00	4.44	4.30	4.01	4.00
2. Did you clearly understand your evaluation criteria	1	Ő	Ő	0	2	1	3	4.17	26/ 51	4.17	4.22	4.00	3.81	4.17
3. Was the instructor available for consultation	1	2	0	0	0	0	4	5.00	1/ 36	5.00	4.42	4.60	4.65	5.00
4. To what degree could you discuss your evaluations	1	2	0	0	1	0	3	4.50	21/ 41	4.50	4.19	4.26	4.27	4.50
5. Did conferences help you carry out field activities	1	4	0	0	0	1	1	4.50	19/ 31	4.50	4.21	4.42	4.58	4.50

Credits Ea	arned	Cum. GPA		Expected	Grades	Reasons		Туре		Majors	
00-27	0	0.00-0.99	0	 А	4	Required for Majors	0	Graduate	1	Major	0
28-55	0	1.00-1.99	0	В	0						
56-83	0	2.00-2.99	0	С	0	General	0	Under-grad	6	Non-major	3
84-150	0	3.00-3.49	1	D	0						
Grad.	1	3.50-4.00	1	F	0	Electives	0	#### - Means	there	are not enough	
				P	0			responses to	be sig	gnificant	
				I	0	Other	4	-			
				?	0						

# Student Course Evaluation Questionnaire

			Fre	equer	ncies	3		Inst	ructor	Course	Dept	UMBC	Level	Sect
Questions	NR	NA	1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
General														
1. Did you gain new insights,skills from this course	0	0	0	0	0	1	1	4.50	549/1481	4.50	4.34	4.29	4.28	4.50
2. Did the instructor make clear the expected goals	0	0	0	0	0	0	2	5.00	1/1481	5.00	4.26	4.23	4.11	5.00
4. Did other evaluations reflect the expected goals	0	0	0	0	0	0	2	5.00	1/1424	5.00	4.37	4.21	4.16	5.00
5. Did assigned readings contribute to what you learned	0	0	0	0	0	0	2	5.00	1/1396	5.00	4.09	3.98	4.00	5.00
6. Did written assignments contribute to what you learned	0	0	0	0	0	2	0	4.00	755/1342	4.00	4.22	4.07	4.18	4.00
7. Was the grading system clearly explained	0	0	0	1	0	0	1	3.50	1256/1459	3.50	4.30	4.16	4.01	3.50
8. How many times was class cancelled	0	0	0	0	0	0	2	5.00	1/1480	5.00	4.72	4.68	4.74	5.00
9. How would you grade the overall teaching effectiveness	0	0	0	0	0	1	1	4.50	334/1450	4.50	4.11	4.09	3.96	4.50
Lecture														
1. Were the instructor's lectures well prepared	0	0	0	1	0	0	1	3.50	1293/1409	3.50	4.46	4.42	4.36	3.50
2. Did the instructor seem interested in the subject	0	0	0	0	0	0	2	5.00	1/1407	5.00	4.79	4.69	4.73	5.00
3. Was lecture material presented and explained clearly	0	0	0	0	0	1	1	4.50	567/1399	4.50	4.39	4.26	4.16	4.50
4. Did the lectures contribute to what you learned	0	0	1	0	0	0	1	3.00	1312/1400	3.00	4.29	4.27	4.17	3.00
Discussion														
	0	0	0	0	0	0	2	F 00	1/1000	F 00	4 4 1	4.05	4.07	F 00
1. Did class discussions contribute to what you learned	0	0	0	0	0	0	2	5.00	1/1262	5.00	4.41		1.07	5.00
2. Were all students actively encouraged to participate	0	0	0	0	0	1	1	5.00	1/1259	5.00	4.59	4.29	4.30	5.00
3. Did the instructor encourage fair and open discussion	0	0	0	0	0	1	1	4.50	571/1256		4.53	4.30	4.33	4.50
4. Were special techniques successful	0	0	U	U	U	U	2	5.00	1/ 788	5.00	4.30	4.00	3.97	5.00

Credits E	larned	Cum. GPA	L	Expected	d Grades	Reasons		Туре		Majors	
00-27	0	0.00-0.99	0	А А	1	Required for Majors	0	Graduate	2	Major	0
28-55	0	1.00-1.99	0	В	1						
56-83	0	2.00-2.99	0	С	0	General		Under-grad	0	Non-major	0
84-150	0	3.00-3.49	0	D	0						
Grad.	2	3.50-4.00	1	F	0	Electives	0	#### - Means	there	are not enough	1
				P	0			responses to	be sig	gnificant	
				I	0	Other	2				
				?	0						

# Student Course Evaluation Questionnaire

		Frequencies						Inst	ructor	Course Dept		UMBC Level		Sect
Questions	NR	NA	1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
General														
1. Did you gain new insights,skills from this course	0	0	1	0	3	1	2	3.43	1380/1481	3.43	4.34	4.29	4.28	3.43
2. Did the instructor make clear the expected goals	0	0	0	2	1	1	3	3.71	1226/1481	3.71	4.26	4.23	4.11	3.71
3. Did the exam questions reflect the expected goals	0	4	0	0	0	2	1	4.33	679/1249	4.33	4.20	4.27	4.24	4.33
4. Did other evaluations reflect the expected goals	0	3	0	1	0	1	2	4.00	959/1424	4.00	4.37	4.21	4.16	4.00
5. Did assigned readings contribute to what you learned	0	4	0	0	1	0	2	4.33	435/1396	4.33	4.09	3.98	4.00	4.33
6. Did written assignments contribute to what you learned	1	0	0	0	2	1	3	4.17	626/1342	4.17	4.22	4.07	4.18	4.17
7. Was the grading system clearly explained	0	0	1	0	1	2	3	3.86	1086/1459	3.86	4.30	4.16	4.01	3.86
8. How many times was class cancelled	0	0	0	0	0	5	2	4.29	1193/1480	4.29	4.72	4.68	4.74	4.29
9. How would you grade the overall teaching effectiveness	3	0	0	0	1	2	1	4.00	836/1450	4.00	4.11	4.09	3.96	4.00
Lecture														
1. Were the instructor's lectures well prepared	3	0	1	0	1	0	2	3.50	1293/1409	3.50	4.46	4.42	4.36	3.50
2. Did the instructor seem interested in the subject	3	0	0	0	1	1	2	4.25	1257/1407	4.25	4.79	4.69	4.73	4.25
3. Was lecture material presented and explained clearly	3	0	0	1	1	1	1	3.50	1237/1399	3.50	4.39	4.26	4.16	3.50
4. Did the lectures contribute to what you learned	3	0	1	0	0	1	2	3.75	1145/1400	3.75	4.29	4.27	4.17	3.75
5. Did audiovisual techniques enhance your understanding	2	0	1	0	1	2	1	3.40	945/1179	3.40	3.92	3.96	3.81	3.40
Discussion														
1. Did class discussions contribute to what you learned	3	0	0	1	0	2	1	3.75	887/1262	3.75	4.41	4.05	4.07	3.75
2. Were all students actively encouraged to participate	3	0	0	0	1	2	1	4.00	895/1259	4.00	4.59	4.29	4.30	4.00
3. Did the instructor encourage fair and open discussion	3	0	0	0	1	2	1	4.00	901/1256	4.00	4.53	4.30	4.33	4.00
4. Were special techniques successful	3	0	1	0	1	1	1	3.25	690/ 788	3.25	4.30	4.00	3.97	3.25
Seminar														
1. Were assigned topics relevant to the announced theme	2	0	0	0	2	2	1	3.80	60/ 68	3.80	4.37	4.49	4.23	3.80
2. Was the instructor available for individual attention	2	0	0	0	0	3	2	4.40	48/ 69	4.40	4.50	4.49	4.46	4.40
3. Did research projects contribute to what you learned	2	0	0	0	1	2	∠ 2	4.40	48/ 69	4.40	4.50	4.55	4.40	4.40
4. Did presentations contribute to what you learned	2	0	0	0	1 2	∠ 3	2 0	4.20	41/ 63 56/ 69	4.20 3.60	4.39	4.44	4.44	4.20
<ol> <li>5. Were criteria for grading made clear</li> </ol>	2	0	0	0	∠ 1	د 1	2	3.60 4.40	30/ 68	3.60 4.40	4.30	4.35	4.16 3.71	3.60
5. WELE CITCELLA FOR GLADING MADE CLEAR	4	U	U	U	Ŧ	Ŧ	د	4.40	30/ 08	4.40	4.03	5.92	5.71	4.40

Credits E	arned	Cum. GPA		Expected	Grades	Reasons		Туре	Majors				
00-27	1	0.00-0.99	0	A	5	Required for Majors	0	Graduate	3	Major	0		
28-55	3	1.00-1.99	0	В	1								
56-83	0	2.00-2.99	0	С	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	5	F	0	Electives	0	#### - Means there are not enough					
				P	0			responses to	be sig	nificant			
				I	0	Other	7	-					
				?	0								

# Student Course Evaluation Questionnaire

Questions	NTD	NA	Fre 1	requencies		3	5		ructor	Course Dept Mean Mean			UMBC Level Mean Mean	
Questions		NA	⊥ 			4 	5	Mean	Rank	Mean				Mean
General														
1. Did you gain new insights, skills from this course	0	0	0	2	3	0	1	3.00	1451/1481	3.00	4.34	4.29	4.28	3.00
2. Did the instructor make clear the expected goals	0	0	0	0	4	1	1	3.50	1320/1481	3.50	4.26	4.23	4.11	3.50
3. Did the exam questions reflect the expected goals	1	3	1	0	0	0	1	3.00	1193/1249	3.00	4.20	4.27	4.24	3.00
4. Did other evaluations reflect the expected goals	0	0	0	1	2	0	3	3.83	1138/1424	3.83	4.37	4.21	4.16	3.83
5. Did assigned readings contribute to what you learned	0	1	1	1	2	1	0	2.60	1358/1396	2.60	4.09	3.98	4.00	2.60
6. Did written assignments contribute to what you learned	0	0	0	2	1	1	2	3.50	1115/1342	3.50	4.22	4.07	4.18	3.50
7. Was the grading system clearly explained	1	0	0	1	0	0	4	4.40	611/1459	4.40	4.30	4.16	4.01	4.40
8. How many times was class cancelled	0	0	0	0	0	0	б	5.00	1/1480	5.00	4.72	4.68	4.74	5.00
9. How would you grade the overall teaching effectiveness	0	0	0	0	3	3	0	3.50	1223/1450	3.50	4.11	4.09	3.96	3.50
Lecture														
1. Were the instructor's lectures well prepared	0	0	0	0	2	1	3	4.17	1086/1409	4.17	4.46	4.42	4.36	4.17
2. Did the instructor seem interested in the subject	0	0	0	1	0	1	4		1221/1407	4.33	4.79	4.69	4.73	4.33
3. Was lecture material presented and explained clearly	0	0	0	2	0	4	0		1277/1399	3.33	4.39	4.26	4.16	3.33
4. Did the lectures contribute to what you learned	0	0	1	0	2	2	1		1269/1400	3.33	4.29	4.27	4.17	3.33
5. Did audiovisual techniques enhance your understanding	0	1	1	0	2	1	1	3.20	1011/1179	3.20	3.92	3.96	3.81	3.20
Discussion														
1. Did class discussions contribute to what you learned	0	0	0	0	1	4	1	4.00	708/1262	4.00	4.41	4.05	4.07	4.00
2. Were all students actively encouraged to participate	0	0	0	0	0	3	3	4.50	588/1259	4.50	4.59	4.29	4.30	4.50
3. Did the instructor encourage fair and open discussion	0	0	0	0	1	2	3	4.33	723/1256	4.33	4.53	4.30	4.33	4.33
4. Were special techniques successful	0	4	0	0	1	0	1	4.00	394/ 788	4.00	4.30	4.00	3.97	4.00
- 1 .														
Laboratory	-	0	-	0	0	~	~	1 0 0	**** / 010	* * * *	4 2 2	4 1 1	2 0 2	* * * *
2. Were you provided with adequate background information	5	0	1	0 1	0	0	0		****/ 249 ****/ 242	****	4.33 4.33	4.11 4.40	3.93 4.27	****
3. Were necessary materials available for lab activities	5 5	0 0	0 0	0	0 1	0	0		****/ 242	****	4.33		4.27	****
4. Did the lab instructor provide assistance	5 5	0	0	1	0	0	0		****/ 240	****	4.67	4.20 4.04	4.15 3.73	****
5. Were requirements for lab reports clearly specified	5	0	0	T	0	0	0	2.00	····/ 21/	~ ~ ~ ~	4.4/	4.04	3./3	~ ~ ^ ^
Seminar														
1. Were assigned topics relevant to the announced theme	5	0	0	0	1	0	0	3 00	****/ 68	* * * *	4.37	4.49	4.23	* * * *
2. Was the instructor available for individual attention	5	0	0	0	0	0	1		****/ 69	* * * *	4.50	4.53	4.46	* * * *
3. Did research projects contribute to what you learned	5	0	0	0	0	1	0		****/ 63	* * * *	4.59	4.44	4.44	* * * *
4. Did presentations contribute to what you learned	5	0	0	0	0	1	0		****/ 69	* * * *	4.30	4.35	4.16	* * * *
5. Were criteria for grading made clear	5	0	0	0	1	0	0		****/ 68	* * * *	4.53	3.92	3.71	* * * *
s. here streetta for graating made stear	5	0	0	0	-	0	0	5.00	, 00		1.55	5.72	5.,1	

Credits E	arned	Cum. GPA		Expected	l Grades	Reasons		Туре	Majors				
00-27	3	0.00-0.99	1	A	2	Required for Majors	0	Graduate	1	Major	0		
28-55	0	1.00-1.99	0	В	3								
56-83	0	2.00-2.99	0	С	1	General	0	Under-grad	5	Non-major	0		
84-150	0	3.00-3.49	0	D	0								
Grad.	1	3.50-4.00	2	F	0	Electives	0	#### - Means there are not enough					
				P	0			responses to	be sig	gnificant			
				I	0	Other	б						
				?	0								

# Student Course Evaluation Questionnaire

	Frequencie					5		Inst	ructor	Course Dept		ot UMBC Level		Sect
Questions	NR	NA	1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
General														
1. Did you gain new insights,skills from this course	0	0	0	1	0	2	1	3.75	1254/1481	3.75	4.34	4.29	4.28	3.75
2. Did the instructor make clear the expected goals	0	0	0	0	1	2	1	4.00	1000/1481	4.00	4.26	4.23	4.11	4.00
4. Did other evaluations reflect the expected goals	0	1	0	0	0	1	2	4.67	287/1424	4.67	4.37	4.21	4.16	4.67
5. Did assigned readings contribute to what you learned	0	0	0	0	1	2	1	4.00	707/1396	4.00	4.09	3.98	4.00	4.00
6. Did written assignments contribute to what you learned	1	0	0	0	1	1	1	4.00	755/1342	4.00	4.22	4.07	4.18	4.00
7. Was the grading system clearly explained	1	0	0	0	0	1	2	4.67	276/1459	4.67	4.30	4.16	4.01	4.67
8. How many times was class cancelled	0	0	0	0	0	0	4	5.00	1/1480	5.00	4.72	4.68	4.74	5.00
9. How would you grade the overall teaching effectiveness	2	0	0	0	0	1	1	4.50	334/1450	4.50	4.11	4.09	3.96	4.50
Lecture														
1. Were the instructor's lectures well prepared	2	0	0	0	0	1	1	4.50	762/1409	4.50	4.46	4.42	4.36	4.50
2. Did the instructor seem interested in the subject	1	0	0	0	0	0	3	5.00	1/1407	5.00	4.79	4.69	4.73	5.00
3. Was lecture material presented and explained clearly	2	0	0	0	0	0	2	5.00	1/1399	5.00	4.39	4.26	4.16	5.00
4. Did the lectures contribute to what you learned	2	0	0	0	1	0	1	4.00	1017/1400	4.00	4.29	4.27	4.17	4.00
Discussion														
1. Did class discussions contribute to what you learned	1	0	0	0	1	1	1	4.00	708/1262	4.00	4.41	4.05	4.07	4.00
2. Were all students actively encouraged to participate	1	0	Ő	Ő	0	0	3	5.00	1/1259	5.00	4.59	4.29	4.30	5.00
3. Did the instructor encourage fair and open discussion	1	0	Ő	Ő	0	0	3	5.00	1/1256	5.00	4.53	4.30	4.33	5.00
4. Were special techniques successful	1	2	0	0	0	0	1	5.00	1/ 788	5.00	4.30	4.00	3.97	5.00
1. Here spectal countract Successful	-	2	5	5	5	5	-	5.00	1, 100	5.00	1.50	1.00	5.57	5.00

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