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	1	0	2	8	11	4.27	870/1639	4.33	4.51	4.27	4.28	4.27
2. Did the instructor make clear the expected goals	0	0	0	0	3	3	16	4.59	425/1639	4.37	4.32	4.22	4.20	4.59
3. Did the exam questions reflect the expected goals	0	8	0	0	2	3	9	4.50	517/1397	4.43	4.58	4.28	4.26	4.50
4. Did other evaluations reflect the expected goals	0	1	0	0	3	4	14	4.52	455/1583	4.49	4.46	4.19	4.24	4.52
5. Did assigned readings contribute to what you learned	0	0	0	1	3	3	15	4.45	388/1532	4.27	4.00	4.01	4.05	4.45
6. Did written assignments contribute to what you learned	0	2	0	0	2	5	13	4.55	329/1504	4.43	4.37	4.05	4.12	4.55
7. Was the grading system clearly explained	0	0	0	1	0	3	18	4.73	249/1612	4.64	4.36	4.16	4.12	4.73
8. How many times was class cancelled	0	0	0	2	0	9	11	4.32	1303/1635	4.40	4.78	4.65	4.66	4.32
9. How would you grade the overall teaching effectiveness	4	1	0	0	2	10	5	4.18	748/1579	4.17	4.24	4.08	4.07	4.18
Lecture														
1. Were the instructor's lectures well prepared	4	0	0	2	2	5	9	4.17	1162/1518	4.28	4.51	4.43	4.39	4.17
2. Did the instructor seem interested in the subject	4	0	0	0	2	2	14	4.67	1033/1520	4.80	4.85	4.70	4.68	4.67
3. Was lecture material presented and explained clearly	4	0	0	0	3	4	11	4.44	674/1517	4.56	4.41	4.27	4.23	4.44
4. Did the lectures contribute to what you learned	4	0	0	1	3	5	9	4.22	920/1550	4.45	4.34	4.22	4.20	4.22
5. Did audiovisual techniques enhance your understanding	5	3	1	2	1	4	б	3.86	768/1295	3.75	3.89	3.94	3.95	3.86
Discussion														
1. Did class discussions contribute to what you learned	11	0	0	0	1	3	7	4.55	403/1398	4.49	4.48	4.07	4.13	4.55
2. Were all students actively encouraged to participate	12	0	0	0	0	1	9	4.90	227/1391	4.76	4.64	4.30	4.35	4.90
3. Did the instructor encourage fair and open discussion	11	0	0	0	1	0	10	4.82	317/1388	4.83	4.61	4.28	4.34	4.82
4. Were special techniques successful	11	3	0	1	0	3	4	4.25	349/ 958	4.41	4.27	3.93	3.97	4.25
Laboratory														
2. Were you provided with adequate background information	21	0	1	0	0	0	0	1.00	****/ 240	* * * *	5.00	4.11	4.08	* * * *
Field Work														
1. Did field experience contribute to what you learned	20	0	0	0	0	1	1	4.50	****/ 52	* * * *	4.60	4.04	4.78	* * * *
2. Did you clearly understand your evaluation criteria	20	0	0	0	1	0	1	4.00	****/ 53	* * * *	4.31	4.05	4.31	* * * *
3. Was the instructor available for consultation	20	0	0	0	0	0	2	5.00	****/ 42	* * * *	4.72	4.75	4.63	* * * *
4. To what degree could you discuss your evaluations	20	0	0	0	1	0	1	4.00	****/ 37	* * * *	4.42	4.58	4.52	* * * *
5. Did conferences help you carry out field activities	20	1	0	0	0	0	1	5.00	****/ 32	* * * *	4.77	4.56	4.30	* * * *
Self Paced														
1. Did self-paced system contribute to what you learned	21	0	0	0	0	1	0	4.00	****/ 50	* * * *	3.67	4.45	5.00	* * * *
3. Were your contacts with the instructor helpful	21	0	0	0	0	0	1	5.00	****/ 43	* * * *	* * * *	4.69	5.00	* * * *

Credits Ea	arned	Cum. GPA		Expecte	ed Grades	Reasons		Туре		Majors	
00-27	3	0.00-0.99	0	A	16	Required for Majors	0	Graduate	0	Major	0
28-55	5	1.00-1.99	0	В	3						
56-83	1	2.00-2.99	1	С	0	General	1	Under-grad	22	Non-major	22
84-150	0	3.00-3.49	3	D	0						
Grad.	0	3.50-4.00	5	F	0	Electives	0	#### - Means	there	are not enough	n
				P	0			responses to	be sig	nificant	
				I	0	Other	19	-			
				?	1						

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
General														
1. Did you gain new insights,skills from this course	0	0	0	1	1	1	15		430/1639	4.33	4.51		4.28	4.67
2. Did the instructor make clear the expected goals	0	0	0	0	4	5	9	4.28	840/1639	4.37	4.32	4.22	4.20	4.28
3. Did the exam questions reflect the expected goals	1	14	0	0	1	0	2		****/1397	4.43	4.58	4.28	4.26	* * * *
4. Did other evaluations reflect the expected goals	1	0	0	0	0	3	14	4.82	177/1583	4.49	4.46	4.19	4.24	4.82
5. Did assigned readings contribute to what you learned	0	0	1	0	5	4	8	4.00	774/1532	4.27	4.00	4.01	4.05	4.00
6. Did written assignments contribute to what you learned	0	0	0	0	3	5	10	4.39	506/1504	4.43	4.37	4.05	4.12	4.39
7. Was the grading system clearly explained	0	0	0	0	1	5	12	4.61	376/1612	4.64	4.36	4.16	4.12	4.61
8. How many times was class cancelled	0	0	0	0	0	12	6		1288/1635	4.40	4.78	4.65	4.66	4.33
9. How would you grade the overall teaching effectiveness	б	0	1	0	0	3	8	4.42	484/1579	4.17	4.24	4.08	4.07	4.42
Lecture														
1. Were the instructor's lectures well prepared	1	0	0	1	1	6	9	4 35	1000/1518	4.28	4.51	4.43	4.39	4.35
2. Did the instructor seem interested in the subject	1	0	0	0	0 0	Ő	17	5.00	1/1520	4.80	4.85	4.70	4.68	5.00
3. Was lecture material presented and explained clearly	1	0	0	1	1	1	14	4.65	428/1517	4.56	4.41	4.27	4.23	4.65
4. Did the lectures contribute to what you learned	1	0	1	0	1	2	13	4.53	614/1550	4.45	4.34	4.22	4.20	4.53
5. Did audiovisual techniques enhance your understanding	1	0	1	1	2	5	8	4.06	600/1295		3.89	3.94	3.95	4.06
5. Dia addititadi econiiques emidice your anderscanding	-	Ū	-	-	2	5	0	1.00	00071295	5.75	5.05	5.51	5.25	1.00
Discussion														
1. Did class discussions contribute to what you learned	5	0	1	0	1	0	11	4.54	408/1398	4.49	4.48	4.07	4.13	4.54
2. Were all students actively encouraged to participate	5	0	0	0	0	3	10	4.77	380/1391	4.76	4.64	4.30	4.35	4.77
3. Did the instructor encourage fair and open discussion	5	0	0	0	0	1	12	4.92	179/1388	4.83	4.61	4.28	4.34	4.92
4. Were special techniques successful	5	0	0	0	0	3	10	4.77	115/ 958	4.41	4.27	3.93	3.97	4.77
Laboratory														
1. Did the lab increase understanding of the material	16	1	0	0	0	0	1		****/ 224	* * * *	5.00	4.10	4.06	* * * *
2. Were you provided with adequate background information	16	0	0	0	0	0	2		****/ 240	* * * *	5.00	4.11	4.08	* * * *
3. Were necessary materials available for lab activities	16	1	0	0	0	0	1	5.00	****/ 219	* * * *	5.00	4.44	4.44	* * * *
Seminar														
2. Was the instructor available for individual attention	17	0	0	0	0	0	1	5 00	****/ 82	* * * *	4.53	4.52	4.59	* * * *
4. Did presentations contribute to what you learned	17	0	0	0	0	0	1	5.00	****/ 80	* * * *	4.25	4.47	4.65	* * * *
5. Were criteria for grading made clear	17	0	0	0	0	0	1		****/ 82	* * * *	4.35	4.16	4.08	* * * *
5. Were erreria for grading made erear	± /	Ū	0	0	0	Ū	-	5.00	, 01		1.55	1.10	1.00	
Field Work														
1. Did field experience contribute to what you learned	14	0	0	0	0	0	4	5.00	****/ 52	* * * *	4.60	4.04	4.78	* * * *
2. Did you clearly understand your evaluation criteria	14	0	0	0	0	1	3	4.75	****/ 53	* * * *	4.31	4.05	4.31	* * * *
3. Was the instructor available for consultation	14	1	0	0	1	0	2	4.33	****/ 42	* * * *	4.72	4.75	4.63	* * * *
4. To what degree could you discuss your evaluations	14	0	0	0	1	1	2	4.25	****/ 37	* * * *	4.42	4.58	4.52	* * * *
5. Did conferences help you carry out field activities	14	1	0	0	0	1	2	4.67	****/ 32	* * * *	4.77	4.56	4.30	* * * *
Self Paced														
	17	0	0	0	0	0	1	E 0.0	****/ 50	* * * *	2 67	4 45	E 00	* * * *
1. Did self-paced system contribute to what you learned	17 17	0	0	0	0	0	_	5.00	,	****	3.67	4.45	5.00	****
2. Did study questions make clear the expected goal	17 17	0	0	0	0	0	1 1	5.00	****/ 32 ****/ 43	****	4.00 ****	4.51 4.69	5.00 5.00	****
3. Were your contacts with the instructor helpful	17 17	0	0	0	0	0	1		****/ 32	****	****	4.69	5.00	****
 Was the feedback/tutoring by proctors helpful Were there enough proctors for all the students 	17	0	0	0	0	0	1		****/ 21	****		4.37	5.00	****
5. Were there enough produors for all the students	± /	U	U	U	U	U	Ŧ	5.00	21			4.54	5.00	

Course-Section:	EDUC 310 0201	University of Maryland	Page 557
Title	INQUIRY INTO EDUCATION	Baltimore County	FEB 13, 2008
Instructor:	GAURIN, ADELL A	Fall 2007	Job IRBR3029
Enrollment:	18		
Questionnaires:	18	Student Course Evaluation Questionnaire	

Credits Ea	arned	Cum. GPA		Expecte	d Grades	Reasons		Туре		Majors	
00-27	1	0.00-0.99	1	A	13	Required for Majors	0	Graduate	0	Major	0
28-55	5	1.00-1.99	0	В	3						
56-83	2	2.00-2.99	0	С	0	General	0	Under-grad	18	Non-major	18
84-150	2	3.00-3.49	5	D	0						
Grad.	0	3.50-4.00	5	F	0	Electives	1	#### - Means	there	are not enough	n
				P	0			responses to	be sig	gnificant	
				I	0	Other	14				
				?	0						

Student Course Evaluation Questionnaire

			Fre	-	ncies	3			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	3	1	5	8	4.06	1103/1639	4.33	4.51	4.27	4.28	4.06
2. Did the instructor make clear the expected goals	0	0	0	0	2	9	6	4.24	877/1639	4.37	4.32	4.22	4.20	4.24
3. Did the exam questions reflect the expected goals	0	6	0	0	0	7	4	4.36	696/1397	4.43	4.58	4.28	4.26	4.36
4. Did other evaluations reflect the expected goals	0	2	0	1	2	б	б	4.13	910/1583	4.49	4.46	4.19	4.24	4.13
5. Did assigned readings contribute to what you learned	0	0	0	0	2	7	8	4.35	488/1532	4.27	4.00	4.01	4.05	4.35
6. Did written assignments contribute to what you learned	0	0	0	0	2	7	8	4.35	529/1504	4.43	4.37	4.05	4.12	4.35
7. Was the grading system clearly explained	0	0	0	0	0	7	10	4.59	408/1612	4.64	4.36	4.16	4.12	4.59
8. How many times was class cancelled	1	0	0	0	0	7	9	4.56	1094/1635	4.40	4.78	4.65	4.66	4.56
9. How would you grade the overall teaching effectiveness	4	0	0	0	5	4	4	3.92	1022/1579	4.17	4.24	4.08	4.07	3.92
Lecture														
1. Were the instructor's lectures well prepared	1	0	0	0	2	7	7	4.31	1042/1518	4.28	4.51	4.43	4.39	4.31
2. Did the instructor seem interested in the subject	2	0	0	0	0	4	11	4.73	925/1520	4.80	4.85	4.70	4.68	4.73
3. Was lecture material presented and explained clearly	2	0	0	0	0	6		4.60	474/1517	4.56	4.41	4.27	4.23	4.60
4. Did the lectures contribute to what you learned	2	0	0	0	1	4	10	4.60	522/1550	4.45	4.34	4.22	4.20	4.60
5. Did audiovisual techniques enhance your understanding	4	1	2	0	5	2	3		1067/1295		3.89	3.94		3.33
Discussion	~	0	~	~	1	2	4	4 20	F20/1200	4 40	4 4 0	4 07	4 1 2	4 20
1. Did class discussions contribute to what you learned	9	0	0	0	1	3	4	4.38	532/1398	4.49	4.48	4.07	4.13	4.38
2. Were all students actively encouraged to participate	9	0	0	0 0	1	Ţ	6	4.63	525/1391	4.76	4.64	4.30	4.35	4.63
3. Did the instructor encourage fair and open discussion	9 9	0 3	0	1	1 0	1	2	4.75	387/1388	4.83	4.61	4.28	4.34	4.75
4. Were special techniques successful	9	3	0	T	0	Т	3	4.20	380/ 958	4.41	4.27	3.93	3.97	4.20
Field Work														
1. Did field experience contribute to what you learned	15	0	0	0	0	0	2	5.00	****/ 52	* * * *	4.60	4.04	4.78	* * * *
2. Did you clearly understand your evaluation criteria	15	0	0	1	0	0	1	3.50	****/ 53	* * * *	4.31	4.05	4.31	* * * *
3. Was the instructor available for consultation	15	0	0	0	0	0	2	5.00	****/ 42	* * * *	4.72	4.75	4.63	* * * *
4. To what degree could you discuss your evaluations	15	0	0	0	1	0	1	4.00	****/ 37	* * * *	4.42	4.58	4.52	* * * *
5. Did conferences help you carry out field activities	15	0	0	0	0	0	2	5.00	****/ 32	* * * *	4.77	4.56	4.30	* * * *

Credits H	Earned	Cum. GPA		Expected	d Grades	Reasons		Туре		Majors	
00-27	4	0.00-0.99	0	A	11	Required for Majors	0	Graduate	0	Major	0
28-55	1	1.00-1.99	0	В	2						
56-83	3	2.00-2.99	0	C	0	General	0	Under-grad	17	Non-major	17
84-150	0	3.00-3.49	1	D	0						
Grad.	0	3.50-4.00	2	F	0	Electives	0	#### - Means	there	are not enough	n
				P	0			responses to	be sig	nificant	
				I	0	Other	9	-		-	
				?	0						

Student Course Evaluation Questionnaire

	Frequencies							Inst	tructor	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	1	0	3	7	9	4.15	1003/1639	4.29	4.51	4.27	4.28	4.15
2. Did the instructor make clear the expected goals	1	0	1	1	1	3	14	4.40	684/1639	4.56	4.32	4.22	4.20	4.40
3. Did the exam questions reflect the expected goals	1	12	0	0	0	1	7	4.88	182/1397	4.88	4.58	4.28	4.26	4.88
4. Did other evaluations reflect the expected goals	1	1	0	0	2	3	14	4.63	347/1583	4.67	4.46	4.19	4.24	4.63
5. Did assigned readings contribute to what you learned	1	0	2	0	5	4	9	3.90	911/1532	4.30	4.00	4.01	4.05	3.90
6. Did written assignments contribute to what you learned	1	0	0	0	1	5	14	4.65	253/1504	4.61	4.37	4.05	4.12	4.65
7. Was the grading system clearly explained	1	0	1	0	4	2	13	4.30	756/1612	4.33	4.36	4.16	4.12	4.30
8. How many times was class cancelled	1	0	0	0	2	6	12	4.50	1135/1635	4.57	4.78	4.65	4.66	4.50
9. How would you grade the overall teaching effectiveness	б	0	0	0	4	4	7	4.20	725/1579	4.24	4.24	4.08	4.07	4.20
Lecture														
1. Were the instructor's lectures well prepared	2	0	0	0	1	2	16	4.79	397/1518	4.86	4.51	4.43	4.39	4.79
2. Did the instructor seem interested in the subject	2	0	0	0	0	2	17	4.89	571/1520	4.95	4.85	4.70	4.68	4.89
3. Was lecture material presented and explained clearly	2	0	0	0	0	3	16	4.84	206/1517	4.92	4.41	4.27	4.23	4.84
4. Did the lectures contribute to what you learned	2	0	1	1	0	4	13	4.42	742/1550	4.67	4.34	4.22	4.20	4.42
5. Did audiovisual techniques enhance your understanding	2	0	0	0	2	4	13	4.58	234/1295	4.62	3.89	3.94	3.95	4.58
Discussion														
	10	0	1	1	1	n	2	2 (7	1020/1200	1 00	4 4 0	4.07	4.13	2 67
1. Did class discussions contribute to what you learned	12 12	0 0	1	1	⊥ 1	3	3 1	3.67	1030/1398 752/1391	4.20 4.62	4.48 4.64	4.07	4.13 4.35	3.67 4.33
2. Were all students actively encouraged to participate	$12 \\ 12$	0		-	T	4	4		- ,	4.62				4.33
3. Did the instructor encourage fair and open discussion	$12 \\ 12$	0	0	0	1	∠ 1	2	4.78	363/1388		4.61	4.28	4.34	4./8 ****
4. Were special techniques successful	тZ	4	U	T	T	T	2	3.80	****/ 958	4.70	4.27	3.93	3.97	

Credits Ea	arned	Cum. GPA		Expecte	d Grades	Reasons		Туре		Majors	
00-27	0	0.00-0.99	0	 А	16	Required for Majors	0	Graduate	0	Major	0
28-55	4	1.00-1.99	0	В	3						
56-83	0	2.00-2.99	1	С	0	General	0	Under-grad	21	Non-major	21
84-150	3	3.00-3.49	3	D	0						
Grad.	0	3.50-4.00	5	F	0	Electives	0	#### - Means	there	are not enough	n
				P	0			responses to	be sig	gnificant	
				I	0	Other	19	-			
				?	0						

Student Course Evaluation Questionnaire

				equer			-		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	4	8	4.43	726/1639	4.29	4.51	4.27	4.28	4.43
2. Did the instructor make clear the expected goals	0	0	0	0	1	2	11	4.71	295/1639	4.56	4.32	4.22	4.20	4.71
3. Did the exam questions reflect the expected goals	0	11	0	0	0	0	3	5.00	****/1397	4.88	4.58	4.28	4.26	* * * *
4. Did other evaluations reflect the expected goals	0	0	0	0	1	2	11	4.71	281/1583	4.67	4.46	4.19	4.24	4.71
5. Did assigned readings contribute to what you learned	0	1	0	0	0	4	9	4.69	216/1532	4.30	4.00	4.01	4.05	4.69
6. Did written assignments contribute to what you learned	0	0	0	0	2	2	10	4.57	313/1504	4.61	4.37	4.05	4.12	4.57
7. Was the grading system clearly explained	0	0	0	1	1	4	8	4.36	694/1612	4.33	4.36	4.16	4.12	4.36
8. How many times was class cancelled	0	0	0	0	0	5	9	4.64	1023/1635	4.57	4.78	4.65	4.66	4.64
9. How would you grade the overall teaching effectiveness	0	0	0	0	0	10	4	4.29	623/1579	4.24	4.24	4.08	4.07	4.29
Lecture														
1. Were the instructor's lectures well prepared	1	0	0	0	0	1	12	4.92	170/1518	4.86	4.51		4.39	4.92
2. Did the instructor seem interested in the subject	1	0	0	0	0	0	13	5.00	1/1520	4.95	4.85	4.70	4.68	5.00
3. Was lecture material presented and explained clearly	1	0	0	0	0	0	13	5.00	1/1517	4.92	4.41	4.27	4.23	5.00
4. Did the lectures contribute to what you learned	1	0	0	0	0	1	12	4.92	139/1550	4.67	4.34	4.22	4.20	4.92
5. Did audiovisual techniques enhance your understanding	1	1	0	0	1	2	9	4.67	185/1295	4.62	3.89	3.94	3.95	4.67
Discussion														
1. Did class discussions contribute to what you learned	3	0	0	0	0	3	8	4.73	285/1398	4.20	4.48	4.07	4.13	4.73
2. Were all students actively encouraged to participate	3	0	0	0	0	1	10	4.91	203/1390	4.62	4.64	4.30	4.35	4.91
3. Did the instructor encourage fair and open discussion	3	0	0	0	0	0	11	5.00	1/1388	4.89	4.61	4.28	4.34	5.00
4. Were special techniques successful	3	1	0	0	1	1	8	4.70	143/ 958	4.70	4.27			4.70
1. Mere special commiques successful	5	1	0	0	1	T	0	1.70	113/ 950	1.70	1.27	5.75	5.57	1.70
Field Work														
1. Did field experience contribute to what you learned	13	0	0	0	0	0	1	5.00	****/ 52	* * * *	4.60	4.04	4.78	* * * *
2. Did you clearly understand your evaluation criteria	13	0	0	0	0	0	1	5.00	****/ 53	* * * *	4.31	4.05	4.31	* * * *
3. Was the instructor available for consultation	13	0	0	0	0	1	0	4.00	****/ 42	* * * *	4.72	4.75	4.63	* * * *
4. To what degree could you discuss your evaluations	13	0	0	0	0	1	0	4.00	****/ 37	* * * *	4.42	4.58	4.52	* * * *
Self Paced														
1. Did self-paced system contribute to what you learned	13	0	0	0	0	0	1	5.00	****/ 50	* * * *	3.67	4.45	5.00	* * * *
2. Did study questions make clear the expected goal	13	0	0	0	0	1	0	4.00	****/ 32	* * * *	4.00	4.51	5.00	* * * *
3. Were your contacts with the instructor helpful	13	0	0	0	0	0	1	5.00	****/ 43	* * * *	* * * *	4.69	5.00	* * * *

Credits E	arned	Cum. GPA		Expected	Grades	Reasons		Туре		Majors	
00-27	1	0.00-0.99	1	А	9	Required for Majors	0	Graduate	0	Major	0
28-55	3	1.00-1.99	0	В	3						
56-83	2	2.00-2.99	0	С	0	General	1	Under-grad	14	Non-major	14
84-150	0	3.00-3.49	2	D	0						
Grad.	0	3.50-4.00	3	F	0	Electives	0	#### - Means 1	there	are not enough	ı
				P	0			responses to l	be sig	nificant	
				I	0	Other	11				
				?	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	8	4.89	188/1639	4.94	4.51	4.27	4.28	4.89
2. Did the instructor make clear the expected goals	0	0	0	0	0	1	8	4.89	142/1639	4.94	4.32	4.22	4.20	4.89
3. Did the exam questions reflect the expected goals	0	5	0	0	0	0	4	5.00	1/1397	5.00	4.58	4.28	4.26	5.00
4. Did other evaluations reflect the expected goals	0	1	0	0	0	0	8	5.00	1/1583	5.00	4.46	4.19	4.24	5.00
5. Did assigned readings contribute to what you learned	0	0	0	0	0	2	7	4.78	165/1532	4.89	4.00	4.01	4.05	4.78
6. Did written assignments contribute to what you learned	0	0	0	0	0	1	8	4.89	118/1504	4.94	4.37	4.05	4.12	4.89
7. Was the grading system clearly explained	0	0	0	0	0	0	9	5.00	1/1612	5.00	4.36	4.16	4.12	5.00
8. How many times was class cancelled	0	0	0	0	0	1	8	4.89	691/1635	4.94	4.78	4.65	4.66	4.89
9. How would you grade the overall teaching effectiveness	0	0	0	0	0	3	6	4.67	241/1579	4.33	4.24	4.08	4.07	4.67
Lecture														
1. Were the instructor's lectures well prepared	1	0	0	0	0	1	7	4.88	257/1518	4.88	4.51	4.43	4.39	4.88
2. Did the instructor seem interested in the subject	1	0	0	0	0	0	8	5.00	1/1520	5.00	4.85	4.70	4.68	5.00
3. Was lecture material presented and explained clearly	1	0	0	0	0	0	8	5.00	1/1517	5.00	4.41	4.27	4.23	5.00
4. Did the lectures contribute to what you learned	1	0	0	0	1	1	6	4.63	500/1550	4.63	4.34	4.22	4.20	4.63
5. Did audiovisual techniques enhance your understanding	2	0	0	1	1	2	3	4.00	623/1295	4.00	3.89	3.94	3.95	4.00
Discussion														
1. Did class discussions contribute to what you learned	1	0	0	0	0	0	8	5.00	1/1398	5.00	4.48	4.07	4.13	5.00
2. Were all students actively encouraged to participate	1	0	0	0	0	0	8	5.00	1/1391	5.00	4.64	4.30	4.35	5.00
3. Did the instructor encourage fair and open discussion	1	0	0	0	0	0	8	5.00	1/1391	5.00	4.61	4.28	4.35	5.00
4. Were special techniques successful	1	1	0	0	0	1	6	4.86	87/ 958	4.86	4.27	3.93	3.97	4.86
4. Were special cechniques successiul	Т	Ŧ	0	0	0	т	0	1.00	077 950	1.00	1.2/	5.95	5.97	1.00
Field Work														
1. Did field experience contribute to what you learned	7	0	0	0	0	0	2	5.00	****/ 52	* * * *	4.60	4.04	4.78	* * * *
2. Did you clearly understand your evaluation criteria	7	0	0	0	1	0	1	4.00	****/ 53	* * * *	4.31	4.05	4.31	* * * *
3. Was the instructor available for consultation	7	0	0	0	0	0	2	5.00	****/ 42	* * * *	4.72	4.75	4.63	* * * *
4. To what degree could you discuss your evaluations	7	0	0	0	0	0	2	5.00	****/ 37	* * * *	4.42	4.58	4.52	* * * *
5. Did conferences help you carry out field activities	7	0	0	0	0	1	1	4.50	****/ 32	* * * *	4.77	4.56	4.30	* * * *

Credits E	arned	Cum. GPA		Expected	Grades	Reasons		Туре		Majors	
00-27	1	0.00-0.99	1	A	8	Required for Majors	0	Graduate	0	Major	0
28-55	0	1.00-1.99	0	В	1						
56-83	1	2.00-2.99	2	C	0	General	6	Under-grad	9	Non-major	9
84-150	4	3.00-3.49	2	D	0						
Grad.	0	3.50-4.00	2	F	0	Electives	2	#### - Means	there	are not enough	
				P	0			responses to	be sig	nificant	
				I	0	Other	1	-			
				?	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	1/1639	4.94	4.51	4.27	4.28	5.00
2. Did the instructor make clear the expected goals	0	0	0	0	0	0	2	5.00	1/1639	4.94	4.32	4.22	4.20	5.00
3. Did the exam questions reflect the expected goals	0	1	0	0	0	0	1	5.00	1/1397	5.00	4.58	4.28	4.26	5.00
4. Did other evaluations reflect the expected goals	0	0	0	0	0	0	2	5.00	1/1583	5.00	4.46	4.19	4.24	5.00
5. Did assigned readings contribute to what you learned	0	0	0	0	0	0	2	5.00	1/1532	4.89	4.00	4.01	4.05	5.00
6. Did written assignments contribute to what you learned	0	0	0	0	0	0	2	5.00	1/1504	4.94	4.37	4.05	4.12	5.00
7. Was the grading system clearly explained	0	0	0	0	0	0	2	5.00	1/1612	5.00	4.36	4.16	4.12	5.00
8. How many times was class cancelled	0	0	0	0	0	0	2	5.00	1/1635	4.94	4.78	4.65	4.66	5.00
9. How would you grade the overall teaching effectiveness	1	0	0	0	0	1	0	4.00	889/1579	4.33	4.24	4.08	4.07	4.00
Lecture														
2. Did the instructor seem interested in the subject	1	0	0	0	0	0	1	5.00	1/1520	5.00	4.85	4.70	4.68	5.00
Discussion														
1. Did class discussions contribute to what you learned	1	0	0	0	0	0	1	5.00	1/1398	5.00	4.48	4.07	4.13	5.00

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	0	Major	0
28-55	0	1.00-1.99	0	В	0						
56-83	1	2.00-2.99	1	С	0	General	2	Under-grad	2	Non-major	2
84-150	1	3.00-3.49	0	D	0						
Grad.	0	3.50-4.00	1	F	0	Electives	0	#### - Means	there	are not enough	
				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	Mean	Mean	Mean	Mean
General														
1. Did you gain new insights,skills from this course	0	0	0	0	1	6	13	4.60	508/1639	4.60	4.51	4.27	4.28	4.60
2. Did the instructor make clear the expected goals	0	0	0	1	3	4	12	4.35	748/1639	4.35	4.32	4.22	4.20	4.35
3. Did the exam questions reflect the expected goals	0	12	0	0	0	2	6	4.75	282/1397	4.75	4.58	4.28	4.26	4.75
4. Did other evaluations reflect the expected goals	0	0	0	0	3	8	9	4.30	741/1583	4.30	4.46	4.19	4.24	4.30
5. Did assigned readings contribute to what you learned	1	1	0	1	6	3	8	4.00	774/1532	4.00	4.00	4.01	4.05	4.00
6. Did written assignments contribute to what you learned	1	0	0	2	3	5	9	4.11	770/1504	4.11	4.37	4.05	4.12	4.11
7. Was the grading system clearly explained	1	0	0	1	1	4	13	4.53	469/1612	4.53	4.36	4.16	4.12	4.53
8. How many times was class cancelled	2	0	0	0	1	2	15	4.78	855/1635	4.78	4.78	4.65	4.66	4.78
9. How would you grade the overall teaching effectiveness	5	0	0	0	3	б	б	4.20	725/1579	4.20	4.24	4.08	4.07	4.20
Lecture														
1. Were the instructor's lectures well prepared	5	0	0	0	2	4	9	4.47	863/1518	4.47	4.51	4.43	4.39	4.47
2. Did the instructor seem interested in the subject	4	0	0	0	1	2	13	4.75	890/1520	4.75	4.85	4.70	4.68	4.75
3. Was lecture material presented and explained clearly	5	0	0	1	1	4	9	4.40	726/1517	4.40	4.41	4.27	4.23	4.40
4. Did the lectures contribute to what you learned	5	0	0	1	3	3	8	4.20	944/1550	4.20	4.34	4.22	4.20	4.20
5. Did audiovisual techniques enhance your understanding	4	1	0	2	4	3	б	3.87	761/1295	3.87	3.89	3.94	3.95	3.87
Discussion														
1. Did class discussions contribute to what you learned	10	0	0	0	C	0	0	4.60	369/1398	4.60	4.48	4.07	4.13	4.60
2. Were all students actively encouraged to participate	10	0	0	0	2	1	0 7	4.80	616/1391	4.80	4.40	4.07	4.15	4.50
3. Did the instructor encourage fair and open discussion	10	0	0	0	0	2	2 2	4.30	328/1388		4.64	4.30	4.35	4.50
4. Were special techniques successful	10	0	0	0	1	2	7	4.80	179/ 958	4.80	4.81 4.27	4.20 3.93	4.34 3.97	4.60
T. WELE SPECIAL CECHNIQUES SUCCESSIUL	τU	0	U	0	-	2	/	4.00	TID/ 900	1.00	7.2/	5.95	5.91	00

Credits Ea	arned	Cum. GPA	L	Expected	d Grades	Reasons		Туре		Majors	
00-27	1	0.00-0.99	1	A	17	Required for Majors	0	Graduate	0	Major	0
28-55	0	1.00-1.99	0	В	1						
56-83	3	2.00-2.99	0	С	0	General	1	Under-grad	20	Non-major	20
84-150	6	3.00-3.49	5	D	0						
Grad.	0	3.50-4.00	7	F	0	Electives	0	#### - Means	there	are not enough	ı
				P	0			responses to	be sig	gnificant	
				I	0	Other	16				
				?	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	2	0	2	2	8	б	4	3.36	1539/1639	3.36	4.51	4.27	4.42	3.36
2. Did the instructor make clear the expected goals	2	0	1	1	5	7	8	3.91	1262/1639	3.91	4.32	4.22	4.29	3.91
3. Did the exam questions reflect the expected goals	2	19	0	1	0	2	0	3.33	****/1397	* * * *	4.58	4.28	4.38	* * * *
4. Did other evaluations reflect the expected goals	2	0	0	2	4	б	10	4.09	946/1583	4.09	4.46	4.19	4.31	4.09
5. Did assigned readings contribute to what you learned	2	1	4	3	6	4	4	3.05	1416/1532	3.05	4.00	4.01	4.07	3.05
6. Did written assignments contribute to what you learned	3	0	2	3	4	7	5	3.48	1226/1504	3.48	4.37	4.05	4.20	3.48
7. Was the grading system clearly explained	2	0	2	0	2	10	8	4.00	1044/1612	4.00	4.36	4.16	4.18	4.00
8. How many times was class cancelled	2	0	0	0	0	5	17	4.77	855/1635	4.77	4.78	4.65	4.72	4.77
9. How would you grade the overall teaching effectiveness	8	2	1	1	3	5	4	3.71	1200/1579	3.71	4.24	4.08	4.21	3.71
Lecture														
1. Were the instructor's lectures well prepared	6	0	0	1	0	6	11	4.50	807/1518	4.50	4.51	4.43	4.51	4.50
2. Did the instructor seem interested in the subject	5	0	0	0	0	1	18	4.95	328/1520	4.95	4.85	4.70	4.75	4.95
3. Was lecture material presented and explained clearly	5	0	1	0	1	7	10	4.32	822/1517	4.32	4.41	4.27	4.34	4.32
4. Did the lectures contribute to what you learned	5	0	3	0	3	4	9	3.84	1193/1550	3.84	4.34	4.22	4.24	3.84
5. Did audiovisual techniques enhance your understanding	7	0	0	1	3	3	10	4.29	428/1295	4.29	3.89	3.94	4.01	4.29
Discussion														
1. Did class discussions contribute to what you learned	16	0	1	1	2	2	2	3 38	1171/1398	3.38	4.48	4.07	4.23	3.38
2. Were all students actively encouraged to participate	16	0	1	0	0	1	6	4.38	719/1391	4.38	4.64	4.30	4.48	4.38
3. Did the instructor encourage fair and open discussion	16	0	1	0	1	1	5	4.13	907/1388	4.13	4.61	4.28	4.50	4.13
4. Were special techniques successful	16	1	1	0	2	2	2	3.57	694/ 958	3.57	4.27	3.93		3.57
Field Work		-	_	_	_	_	-							
1. Did field experience contribute to what you learned	22	0	1	0	0	1	0		****/ 52	****	4.60	4.04	4.84	* * * *
2. Did you clearly understand your evaluation criteria	22	0	0	Ţ	1	0	0		****/ 53	****	4.31	4.05	4.58	* * * *
3. Was the instructor available for consultation	22	1	0	0	0	0	1		****/ 42	* * * *	4.72	4.75	4.71	* * * *
4. To what degree could you discuss your evaluations	22	1	0	0	0	1	0	4.00	****/ 37	* * * *	4.42	4.58	4.73	* * * *

Credits E	arned	Cum. GPA	Ą	Expected	d Grades	Reasons		Туре		Majors	
00-27	1	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	0	2.00-2.99	0	C	1	General	0	Under-grad	24	Non-major	24
84-150	13	3.00-3.49	4	D	0						
Grad.	0	3.50-4.00	12	F	0	Electives	0	#### - Means	there	are not enough	n
				P	0			responses to	be sig	gnificant	
				I	0	Other	21				
				?	1						

Student Course Evaluation Questionnaire

			Fre	equei	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	12	4.75	318/1639	4.78	4.51	4.27	4.42	4.75
2. Did the instructor make clear the expected goals	0	0	0	0	1	1	14	4.81	191/1639	4.91	4.32	4.22	4.29	4.81
3. Did the exam questions reflect the expected goals	0	10	0	0	0	1	5	4.83	209/1397	4.83	4.58	4.28	4.38	4.83
4. Did other evaluations reflect the expected goals	0	1	0	0	0	0	15	5.00	1/1583	4.95	4.46	4.19	4.31	5.00
5. Did assigned readings contribute to what you learned	0	0	1	2	2	4	7	3.88	934/1532	4.22	4.00	4.01	4.07	3.88
6. Did written assignments contribute to what you learned	0	1	0	0	0	6	9	4.60	291/1504	4.74	4.37	4.05	4.20	4.60
7. Was the grading system clearly explained	0	0	0	0	1	1	14	4.81	160/1612	4.80	4.36	4.16	4.18	4.81
8. How many times was class cancelled	0	0	0	0	0	1	15	4.94	463/1635	4.64	4.78	4.65	4.72	4.94
9. How would you grade the overall teaching effectiveness	3	0	0	0	0	2	11	4.85	125/1579	4.62	4.24	4.08	4.21	4.85
Lecture														
1. Were the instructor's lectures well prepared	2	0	0	0	0	0	14	5.00	1/1518	5.00	4.51	4.43	4.51	5.00
2. Did the instructor seem interested in the subject	2	0	0	0	0	0	14	5.00	1/1520	5.00	4.85	4.70	4.75	5.00
3. Was lecture material presented and explained clearly	2	0	0	0	0	0	14	5.00	1/1517	5.00	4.41	4.27	4.34	5.00
4. Did the lectures contribute to what you learned	2	0	0	0	0	2	12	4.86	231/1550	4.88	4.34	4.22	4.24	4.86
5. Did audiovisual techniques enhance your understanding	2	1	1	0	2	2	8	4.23	474/1295	4.50	3.89	3.94	4.01	4.23
Discussion														
1. Did class discussions contribute to what you learned	5	0	0	0	0	5	б	4.55	403/1398	4.77	4.48	4.07	4.23	4.55
2. Were all students actively encouraged to participate	5	0	0	0	0	2	9	4.82	321/1391	4.91	4.64	4.30	4.48	4.82
3. Did the instructor encourage fair and open discussion	5	0	0	0	0	0	11	5.00	1/1388	5.00	4.61	4.28	4.50	5.00
4. Were special techniques successful	5	2	0	0	0	1	8	4.89	79/ 958	4.94	4.27	3.93	4.24	4.89

Credits Ea	arned	Cum. GPA	L L	Expecte	d Grades	Reasons		Туре		Majors	
00-27	2	0.00-0.99	0	А А	12	Required for Majors	0	Graduate	1	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	15	Non-major	16
84-150	4	3.00-3.49	1	D	0						
Grad.	1	3.50-4.00	5	F	0	Electives	0	#### - Means	there	are not enough	n
				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	0	2	8	4.80	257/1639	4.78	4.51	4.27	4.42	4.80
2. Did the instructor make clear the expected goals	0	0	0	0	Ő	0	10	5.00	1/1639	4.91	4.32	4.22	4.29	5.00
3. Did the exam questions reflect the expected goals	0	8	0	0	Ő	0	2		****/1397	4.83	4.58	4.28	4.38	****
4. Did other evaluations reflect the expected goals	0	0	0	0	0	1	9	4.90	143/1583	4.95	4.46	4.19	4.31	4.90
5. Did assigned readings contribute to what you learned	1	0	0	0	0	4	5	4.56	305/1532	4.22	4.00	4.01	4.07	4.56
6. Did written assignments contribute to what you learned	1	0	0	0	0	1	8	4.89	118/1504	4.74	4.37	4.05	4.20	4.89
7. Was the grading system clearly explained	1	0	0	0	0	2	7	4.78	197/1612	4.80	4.36	4.16	4.18	4.78
8. How many times was class cancelled	1	0	0	0	0	6	3	4.33	1288/1635	4.64	4.78	4.65	4.72	4.33
9. How would you grade the overall teaching effectiveness	5	0	0	0	1	1	3	4.40	496/1579	4.62	4.24	4.08	4.21	4.40
Lecture														
 Were the instructor's lectures well prepared 	0	0	0	0	0	0	10	5.00	1/1518	5.00	4.51	4.43	4.51	5.00
2. Did the instructor seem interested in the subject	0	0	0	0	0	0	10	5.00	1/1520	5.00	4.85	4.70	4.75	5.00
3. Was lecture material presented and explained clearly	0	0	0	0	0	0	10	5.00	1/1517	5.00	4.41	4.27	4.34	5.00
4. Did the lectures contribute to what you learned	0	0	0	0	0	1	9	4.90	174/1550	4.88	4.34	4.22	4.24	4.90
5. Did audiovisual techniques enhance your understanding	0	1	0	0	0	2	7	4.78	124/1295	4.50	3.89	3.94	4.01	4.78
Discussion	0	0	~	~	0	0	1.0	- 00	1 /1 2 0 0	4 88	4 40	4 0 7	4 00	F 0.0
1. Did class discussions contribute to what you learned	0	0	0	0	0	0	10	5.00	1/1398	4.77	4.48	4.07	4.23	5.00
2. Were all students actively encouraged to participate	0	0	0	0	0	0	10	5.00	1/1391	4.91	4.64	4.30	4.48	5.00
3. Did the instructor encourage fair and open discussion	0	0	0	0	0	0	10	5.00	1/1388	5.00	4.61	4.28	4.50	5.00
4. Were special techniques successful	0	0	0	0	0	0	10	5.00	1/ 958	4.94	4.27	3.93	4.24	5.00
Seminar														
5. Were criteria for grading made clear	9	0	0	0	0	0	1	5.00	****/ 82	* * * *	4.35	4.16	4.02	* * * *
J. Mere criteria for grading made creat	2	0	0	0	0	0	Ŧ	5.00	/ 02		1.55	1.10	1.02	

Credits E	arned	Cum. GPA	L	Expecte	ed Grades	Reasons		Туре		Majors	
00-27	0	0.00-0.99	0	A	10	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	0	C	0	General	0	Under-grad	10	Non-major	10
84-150	1	3.00-3.49	1	D	0						
Grad.	0	3.50-4.00	4	F	0	Electives	0	#### - Means	there	are not enougl	h
				P	0			responses to	be si	gnificant	
				I	0	Other	9				
				?	0						

Student Course Evaluation Questionnaire

			Fre	equer	ncies	3		Instructo	or	Course	Dept	UMBC	Level	Sect
Questions	NR	NA	1	2	3	4	5	Mean Ra	ank	Mean	Mean	Mean	Mean	Mean
General														
1. Did you gain new insights,skills from this course	0	0	0	0	3	4	3	4.00 1138/	/1639	4.00	4.51	4.27	4.42	4.00
2. Did the instructor make clear the expected goals	0	0	0	1	2	2	5	4.10 1014/	/1639	4.10	4.32	4.22	4.29	4.10
3. Did the exam questions reflect the expected goals	0	4	1	1	1	1	2	3.33 1318/	/1397	3.33	4.58	4.28	4.38	3.33
4. Did other evaluations reflect the expected goals	0	0	0	1	3	1	5	4.00 1010/	1583	4.00	4.46	4.19	4.31	4.00
5. Did assigned readings contribute to what you learned	0	0	0	1	2	0	7	4.30 535/	1532	4.30	4.00	4.01	4.07	4.30
6. Did written assignments contribute to what you learned	0	0	0	1	4	1	4	3.80 1010/	1504	3.80	4.37	4.05	4.20	3.80
7. Was the grading system clearly explained	0	0	1	1	2	1	5	3.80 1253/	/1612	3.80	4.36	4.16	4.18	3.80
8. How many times was class cancelled	0	0	0	0	0	2	8	4.80 811/	1635	4.80	4.78	4.65	4.72	4.80
9. How would you grade the overall teaching effectiveness	1	0	0	2	3	4	0	3.22 1430/	1579	3.22	4.24	4.08	4.21	3.22
Lecture														
1. Were the instructor's lectures well prepared	1	0	0	1	2	З	3	3.89 1324/	1518	3.89	4.51	4.43	4.51	3.89
2. Did the instructor seem interested in the subject	1	0	0	0	1	0	8		1520		4.85	4.70	4.75	4.78
3. Was lecture material presented and explained clearly	1	0	0	0	3	4	2	3.89 1193/		3.89	4.41	4.27	4.34	3.89
4. Did the lectures contribute to what you learned	1	0	1	1	2	1	4	3.67 1274/			4.34	4.22	4.24	3.67
5. Did audiovisual techniques enhance your understanding	2	0	0	0	1	2	4		1295		3.89	3.94	4.01	4.38
5. Dia additivitsual econniques enhance your understanding	2	0	0	0	-	5	1	1.50 500/	12/5	1.50	5.05	5.71	1.01	1.50
Discussion														
1. Did class discussions contribute to what you learned	5	0	0	0	1	2	2	4.20 675/	/1398	4.20	4.48	4.07	4.23	4.20
2. Were all students actively encouraged to participate	5	0	0	0	2	0	3	4.20 863/	/1391	4.20	4.64	4.30	4.48	4.20
3. Did the instructor encourage fair and open discussion	5	0	0	1	2	1	1	3.40 1226/	1388	3.40	4.61	4.28	4.50	3.40
4. Were special techniques successful	5	0	0	1	1	2	1		958	3.60	4.27	3.93	4.24	3.60

Credits Ea	arned	Cum. GPA	L L	Expected	l Grades	Reasons		Туре		Majors	
00-27	0	0.00-0.99	0	А	4	Required for Majors	0	Graduate	0	Major	0
28-55	0	1.00-1.99	0	В	б						
56-83	1	2.00-2.99	0	С	0	General	0	Under-grad	10	Non-major	10
84-150	0	3.00-3.49	1	D	0						
Grad.	0	3.50-4.00	3	F	0	Electives	1	#### - Means	there	are not enough	n
				P	0			responses to	be sig	gnificant	
				I	0	Other	8	-			
				?	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	8	5.00	1/1639	5.00	4.51	4.27	4.42	5.00
2. Did the instructor make clear the expected goals	0	0	0	1	0	2	5	4.38	722/1639	4.38	4.32	4.22	4.29	4.38
3. Did the exam questions reflect the expected goals	0	7	0	0	0	0	1	5.00	****/1397	* * * *	4.58	4.28	4.38	* * * *
4. Did other evaluations reflect the expected goals	0	0	0	1	1	1	5	4.25	792/1583	4.25	4.46	4.19	4.31	4.25
5. Did assigned readings contribute to what you learned	1	0	0	0	1	1	5	4.57	293/1532	4.57	4.00	4.01	4.07	4.57
6. Did written assignments contribute to what you learned	0	0	0	0	0	3	5	4.63	275/1504	4.63	4.37	4.05	4.20	4.63
7. Was the grading system clearly explained	0	0	0	1	1	2	4	4.13	955/1612	4.13	4.36	4.16	4.18	4.13
8. How many times was class cancelled	0	0	0	0	0	0	8	5.00	1/1635	5.00	4.78	4.65	4.72	5.00
9. How would you grade the overall teaching effectiveness	1	1	1	0	0	1	4	4.17	760/1579	4.17	4.24	4.08	4.21	4.17
Lecture														
1. Were the instructor's lectures well prepared	З	0	0	0	0	0	5	5.00	1/1518	5.00	4.51	4.43	4.51	5.00
2. Did the instructor seem interested in the subject	4	0	0	0	0	0	4	5.00	1/1520	5.00	4.85	4.70	4.75	5.00
3. Was lecture material presented and explained clearly	4	0	0	0	0	0	4	5.00	1/1517	5.00	4.41	4.27	4.34	5.00
4. Did the lectures contribute to what you learned	4	0	0	0	0	0	4	5.00	1/1550	5.00	4.34	4.22	4.24	5.00
5. Did audiovisual techniques enhance your understanding	4	0	0	0	1	0	3	4.50	265/1295		3.89	3.94	4.01	4.50
Discussion														
1. Did class discussions contribute to what you learned	3	0	0	0	0	0	5	5.00	1/1398	5.00	4.48	4.07	4.23	5.00
2. Were all students actively encouraged to participate	3	0	0	0	1	1	3	4.40	694/1391	4.40	4.64	4.30	4.48	4.40
3. Did the instructor encourage fair and open discussion	3	0	0	0	0	0	5	5.00	1/1388	5.00	4.61	4.28	4.50	5.00
4. Were special techniques successful	3	0	0	0	0	0	5	5.00	1/ 958	5.00	4.27	3.93	4.24	5.00

Credits Ea	arned	Cum. GPA	L L	Expected	d Grades	Reasons		Туре		Majors	
00-27	0	0.00-0.99	0	А	4	Required for Majors	0	Graduate	0	Major	0
28-55	0	1.00-1.99	0	В	1						
56-83	3	2.00-2.99	0	C	1	General	0	Under-grad	8	Non-major	8
84-150	0	3.00-3.49	1	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	1	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	3	4.75	318/1639	4.75	4.51	4.27	4.42	4.75
2. Did the instructor make clear the expected goals	0	0	0	0	1	1	2	4.25	859/1639	4.25	4.32	4.22	4.29	4.25
3. Did the exam questions reflect the expected goals	0	3	0	0	0	0	1	5.00	1/1397	5.00	4.58	4.28	4.38	5.00
4. Did other evaluations reflect the expected goals	0	0	0	0	0	1	3	4.75	239/1583	4.75	4.46	4.19	4.31	4.75
5. Did assigned readings contribute to what you learned	0	0	0	0	2	1	1	3.75	1046/1532	3.75	4.00	4.01	4.07	3.75
6. Did written assignments contribute to what you learned	0	0	0	0	0	2	2	4.50	367/1504	4.50	4.37	4.05	4.20	4.50
7. Was the grading system clearly explained	0	0	0	2	0	1	1	3.25	1474/1612	3.25	4.36	4.16	4.18	3.25
8. How many times was class cancelled	0	0	0	0	4	0	0	3.00	1618/1635	3.00	4.78	4.65	4.72	3.00
9. How would you grade the overall teaching effectiveness	0	0	0	0	1	0	3	4.50	382/1579	4.50	4.24	4.08	4.21	4.50
Lecture														
1. Were the instructor's lectures well prepared	0	0	0	0	1	1	2	4.25	1094/1518	4.25	4.51	4.43	4.51	4.25
2. Did the instructor seem interested in the subject	0	0	0	0	0	0	4	5.00	1/1520	5.00	4.85	4.70	4.75	5.00
3. Was lecture material presented and explained clearly	0	0	0	0	1	0	3	4.50	597/1517	4.50	4.41	4.27	4.34	4.50
4. Did the lectures contribute to what you learned	0	0	0	1	0	1	2	4.00	1077/1550	4.00	4.34	4.22	4.24	4.00
5. Did audiovisual techniques enhance your understanding	0	3	0	0	0	0	1	5.00	1/1295	5.00	3.89	3.94	4.01	5.00
Discussion														
1. Did class discussions contribute to what you learned	1	0	0	0	1	1	1	4.00	770/1398	4.00	4.48	4.07	4.23	4.00
2. Were all students actively encouraged to participate	1	0	0	0	1	1	1	4.00	983/1391	4.00	4.64	4.30	4.48	4.00
3. Did the instructor encourage fair and open discussion	1	0	0	0	0	2	1	4.33	783/1388	4.33	4.61	4.28	4.50	4.33
4. Were special techniques successful	1	0	0	0	2	0	1	3.67	658/ 958	3.67	4.27	3.93	4.24	
1. Nere Speerar ceenniques Successfur	-	0	0	0	2	0	-	5.07	0307 930	5.07	1.27	5.75	1.21	5.07
Field Work														
1. Did field experience contribute to what you learned	1	0	0	0	0	0	3	5.00	1/ 52	5.00	4.60	4.04	4.84	5.00
2. Did you clearly understand your evaluation criteria	1	0	0	0	0	1	2	4.67	16/ 53	4.67	4.31	4.05	4.58	4.67
3. Was the instructor available for consultation	1	0	0	0	0	1	2	4.67	27/ 42	4.67	4.72	4.75	4.71	4.67
4. To what degree could you discuss your evaluations	1	0	0	0	0	1	2	4.67	21/ 37	4.67	4.42	4.58	4.73	4.67
5. Did conferences help you carry out field activities	1	0	0	0	0	0	3	5.00	1/ 32	5.00	4.77	4.56	4.64	5.00

Credits E	Carned	Cum. GPA		Expected	Grades	Reasons		Туре		Majors	
00-27	0	0.00-0.99	0	A	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	4	Non-major	4
84-150	4	3.00-3.49	2	D	0						
Grad.	0	3.50-4.00	1	F	0	Electives	0	#### - Means	there	are not enough	
				P	0			responses to	be sig	nificant	
				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	0	0	9	5.00	1/1639	5.00	4.51	4.27	4.42	5.00
2. Did the instructor make clear the expected goals	0	0	0	0	0	1	8	4.89	142/1639	4.89	4.32	4.22	4.29	4.89
3. Did the exam questions reflect the expected goals	0	3	0	0	0	0	6	5.00	1/1397	5.00	4.58	4.28	4.38	5.00
4. Did other evaluations reflect the expected goals	0	0	0	0	0	1	8	4.89	151/1583	4.89	4.46	4.19	4.31	4.89
5. Did assigned readings contribute to what you learned	0	0	0	0	0	3	6	4.67	236/1532	4.67	4.00	4.01	4.07	4.67
6. Did written assignments contribute to what you learned	0	0	0	0	0	0	9	5.00	1/1504	5.00	4.37	4.05	4.20	5.00
7. Was the grading system clearly explained	0	2	0	0	0	1	б	4.86	139/1612	4.86	4.36	4.16	4.18	4.86
8. How many times was class cancelled	0	0	0	0	0	2	7	4.78	855/1635	4.78	4.78	4.65	4.72	4.78
9. How would you grade the overall teaching effectiveness	0	0	0	0	0	2	7	4.78	159/1579	4.78	4.24	4.08	4.21	4.78
Lecture														
1. Were the instructor's lectures well prepared	1	0	0	0	0	0	8	5.00	1/1518	5.00	4.51	4.43	4.51	5.00
2. Did the instructor seem interested in the subject	1	0	0	0	0	0	8	5.00	1/1520	5.00	4.85	4.70	4.75	5.00
3. Was lecture material presented and explained clearly	1	0	0	0	0	0	8	5.00	1/1517	5.00	4.41	4.27	4.34	5.00
4. Did the lectures contribute to what you learned	1	0	0	0	0	0	8	5.00	1/1550	5.00	4.34	4.22	4.24	5.00
5. Did audiovisual techniques enhance your understanding	1	0	0	0	0	2	б	4.75	135/1295	4.75	3.89	3.94	4.01	4.75
Discussion														
1. Did class discussions contribute to what you learned	1	0	0	0	0	0	8	5.00	1/1398	5.00	4.48	4.07	4.23	5.00
2. Were all students actively encouraged to participate	1	0	0	Ő	0	0	8	5.00	1/1391	5.00	4.64	4.30	4.48	5.00
3. Did the instructor encourage fair and open discussion	1	0	0	0	0	1	7	4.88	255/1388	4.88	4.61	4.28	4.50	4.88
4. Were special techniques successful	1	0	0	0	0	0	8	5.00	1/ 958	5.00	4.27	3.93	4.24	5.00
Juli Sacoobblai	-	0	2	2	2	2	0	2.00	_, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	2,00		2.20		2.00

Credits Ea	arned	Cum. GPA	L L	Expected	d Grades	Reasons		Туре		Majors	
00-27	0	0.00-0.99	0	 А	8	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	C	0	General	0	Under-grad	9	Non-major	9
84-150	3	3.00-3.49	3	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	9	_			
				?	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	1	3	0	2	3.50	1497/1639	3.50	4.51	4.27	4.42	3.50
2. Did the instructor make clear the expected goals	0	0	1	2	1	2	0	2.67	1618/1639	2.67	4.32	4.22	4.29	2.67
3. Did the exam questions reflect the expected goals	0	4	0	1	0	0	1	3.50	1268/1397	3.50	4.58	4.28	4.38	3.50
4. Did other evaluations reflect the expected goals	0	0	1	2	0	2	1	3.00	1532/1583	3.00	4.46	4.19	4.31	3.00
5. Did assigned readings contribute to what you learned	1	0	0	1	1	1	2	3.80	989/1532	3.80	4.00	4.01	4.07	3.80
6. Did written assignments contribute to what you learned	1	0	0	1	1	2	1	3.60	1154/1504	3.60	4.37	4.05	4.20	3.60
7. Was the grading system clearly explained	1	0	0	2	1	1	1	3.20	1488/1612	3.20	4.36	4.16	4.18	3.20
8. How many times was class cancelled	1	0	0	0	0	0	5	5.00	1/1635	5.00	4.78	4.65	4.72	5.00
9. How would you grade the overall teaching effectiveness	0	0	1	2	1	2	0	2.67	1541/1579	2.67	4.24	4.08	4.21	2.67
Discussion														
1. Did class discussions contribute to what you learned	0	0	1	1	1	1	2	3.33	1183/1398	3.33	4.48	4.07	4.23	3.33
2. Were all students actively encouraged to participate	0	0	0	0	3	0	3	4.00	983/1391	4.00	4.64	4.30	4.48	4.00
3. Did the instructor encourage fair and open discussion	0	0	1	2	1	0	2	3.00	1320/1388	3.00	4.61	4.28	4.50	3.00
4. Were special techniques successful	0	0	0	1	1	2	2	3.83	563/ 958	3.83	4.27	3.93	4.24	3.83

Credits E	arned	Cum. GPA	1	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	4						
56-83	1	2.00-2.99	0	С	0	General	0	Under-grad	6	Non-major	6
84-150	1	3.00-3.49	2	D	0						
Grad.	0	3.50-4.00	3	F	0	Electives	0	#### - Means	there	are not enough	L
				Р	0			responses to	be sig	gnificant	
				I	0	Other	5				
				?	0						

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
General														
 Did you gain new insights, skills from this course 	0	0	0	0	1	0	4	4.60	508/1639	4.60	4.51	4.27	4.42	4.60
2. Did the instructor make clear the expected goals	0	0	0	1	0	1	3	4.20	915/1639	4.20	4.32	4.22	4.29	4.20
3. Did the exam questions reflect the expected goals	0	4	0	0	0	0	1	5.00	****/1397	* * * *	4.58	4.28	4.38	* * * *
4. Did other evaluations reflect the expected goals	0	0	0	0	2	1	2	4.00	1010/1583	4.00	4.46	4.19	4.31	4.00
5. Did assigned readings contribute to what you learned	0	0	0	3	0	1	1	3.00	1421/1532	3.00	4.00	4.01	4.07	3.00
6. Did written assignments contribute to what you learned	0	0	0	0	1	2	2	4.20	667/1504	4.20	4.37	4.05	4.20	4.20
7. Was the grading system clearly explained	0	0	1	0	2	0	2	3.40	1441/1612	3.40	4.36	4.16	4.18	3.40
8. How many times was class cancelled	0	0	0	0	0	0	5	5.00	1/1635	5.00	4.78	4.65	4.72	5.00
9. How would you grade the overall teaching effectiveness	0	0	0	0	1	1	3	4.40	496/1579	4.40	4.24	4.08	4.21	4.40
Discussion														
1. Did class discussions contribute to what you learned	1	0	0	0	1	2	1	4.00	770/1398	4.00	4.48	4.07	4.23	4.00
2. Were all students actively encouraged to participate	1	0	0	0	0	0	4	5.00	1/1391	5.00	4.64	4.30	4.48	5.00
3. Did the instructor encourage fair and open discussion	1	0	0	0	0	2	2	4.50	647/1388	4.50	4.61	4.28	4.50	4.50
4. Were special techniques successful	1	0	0	2	0	1	1	3.25	806/ 958	3.25	4.27	3.93	4.24	3.25

Credits E	arned	Cum. GPA	1	Expected	l Grades	Reasons		Туре		Majors	
00-27	0	0.00-0.99	0	A	5	Required for Majors	0	Graduate	0	Major	0
28-55	0	1.00-1.99	0	В	0						
56-83	1	2.00-2.99	2	С	0	General	0	Under-grad	5	Non-major	5
84-150	1	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	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	3	б	4.67	430/1639	4.67	4.51	4.27	4.42	4.67
2. Did the instructor make clear the expected goals	0	0	0	0	0	4	5	4.56	466/1639	4.56	4.32	4.22	4.29	4.56
3. Did the exam questions reflect the expected goals	0	6	0	0	0	0	3	5.00	1/1397	5.00	4.58	4.28	4.38	5.00
4. Did other evaluations reflect the expected goals	0	0	0	0	1	2	б	4.56	423/1583	4.56	4.46	4.19	4.31	4.56
5. Did assigned readings contribute to what you learned	0	0	0	0	2	3	4	4.22	607/1532	4.22	4.00	4.01	4.07	4.22
6. Did written assignments contribute to what you learned	0	0	0	0	2	2	5	4.33	544/1504	4.33	4.37	4.05	4.20	4.33
7. Was the grading system clearly explained	0	1	0	0	0	2	6	4.75	218/1612	4.75	4.36	4.16	4.18	4.75
8. How many times was class cancelled	0	0	0	0	0	5	4	4.44	1195/1635	4.44	4.78	4.65	4.72	4.44
9. How would you grade the overall teaching effectiveness	0	0	0	0	3	4	2	3.89	1071/1579	3.89	4.24	4.08	4.21	3.89
Lecture														
1. Were the instructor's lectures well prepared	2	0	0	0	0	2	5	4.71	529/1518	4.71	4.51	4.43	4.51	4.71
2. Did the instructor seem interested in the subject	2	0	0	0	0	1	б	4.86	674/1520	4.86	4.85	4.70	4.75	4.86
3. Was lecture material presented and explained clearly	2	0	0	0	0	1	б	4.86	198/1517	4.86	4.41	4.27	4.34	4.86
4. Did the lectures contribute to what you learned	2	0	0	1	0	2	4	4.29	875/1550	4.29	4.34	4.22	4.24	4.29
5. Did audiovisual techniques enhance your understanding	2	3	0	0	0	1	3	4.75	135/1295	4.75	3.89	3.94	4.01	4.75
Discussion														
1. Did class discussions contribute to what you learned	2	0	0	0	0	3	4	4.57	386/1398	4.57	4.48	4.07	4.23	4.57
2. Were all students actively encouraged to participate	2	0	0	0	0	1	6	4.86	279/1391	4.86	4.64	4.30	4.48	4.86
3. Did the instructor encourage fair and open discussion	2	0	0	0	0	1	6	4.86	276/1388	4.86	4.61	4.28	4.50	4.86
4. Were special techniques successful	2	1	1	0	1	0	4	4.00	456/ 958	4.00	4.27	3.93	4.24	4.00

Credits Ea	arned	Cum. GPA		Expected	d Grades	Reasons		Туре		Majors	
00-27	0	0.00-0.99	0	 А	9	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	C	0	General	0	Under-grad	9	Non-major	9
84-150	1	3.00-3.49	5	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	9	_			
				?	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	1	2	7	4.60	508/1639	4.60	4.51	4.27	4.42	4.60
2. Did the instructor make clear the expected goals	0	0	0	0	0	4	6	4.60	415/1639	4.60	4.32	4.22	4.29	4.60
3. Did the exam questions reflect the expected goals	0	5	0	0	0	1	4	4.80	230/1397	4.80	4.58	4.28	4.38	4.80
4. Did other evaluations reflect the expected goals	0	0	0	0	0	4	6	4.60	371/1583	4.60	4.46	4.19	4.31	4.60
5. Did assigned readings contribute to what you learned	0	0	4	0	1	1	4	3.10	1409/1532	3.10	4.00	4.01	4.07	3.10
6. Did written assignments contribute to what you learned	1	0	0	0	0	3	б	4.67	245/1504	4.67	4.37	4.05	4.20	4.67
7. Was the grading system clearly explained	1	0	0	0	0	1	8	4.89	123/1612	4.89	4.36	4.16	4.18	4.89
8. How many times was class cancelled	1	0	0	0	0	0	9	5.00	1/1635	5.00	4.78	4.65	4.72	5.00
9. How would you grade the overall teaching effectiveness	3	0	0	0	0	0	7	5.00	1/1579	5.00	4.24	4.08	4.21	5.00
Lecture														
1. Were the instructor's lectures well prepared	1	0	0	0	0	0	9	5.00	1/1518	5.00	4.51	4.43	4.51	5.00
2. Did the instructor seem interested in the subject	2	0	0	0	0	0	8	5.00	1/1520	5.00	4.85	4.70	4.75	5.00
3. Was lecture material presented and explained clearly	1	0	0	1	0	0	8	4.67	405/1517	4.67	4.41	4.27	4.34	4.67
4. Did the lectures contribute to what you learned	2	0	1	1	0	0	6	4.13	1010/1550	4.13	4.34	4.22	4.24	4.13
5. Did audiovisual techniques enhance your understanding	1	3	3	0	1	0	2	2.67	1229/1295	2.67	3.89	3.94	4.01	2.67
Discussion														
1. Did class discussions contribute to what you learned	1	0	0	0	0	2	7	4.78	242/1398	4.78	4.48	4.07	4.23	4.78
2. Were all students actively encouraged to participate	1	0	0	0	0	1	8	4.89	242/1398	4.89	4.64	4.30	4.48	4.89
3. Did the instructor encourage fair and open discussion	1	0	0	0	0	1	8	4.89	244/1388	4.89	4.61	4.28	4.50	4.89
4. Were special techniques successful	1	1	0	1	0	1	6	4.50	201/ 958	4.50	4.27	3.93	4.24	
4. Were special cechniques succession	Ŧ	Ŧ	0	Ŧ	0	Ŧ	0	1.50	201/ 990	1.50	1.27	5.95	1.21	1.50
Seminar														
1. Were assigned topics relevant to the announced theme	9	0	0	0	0	0	1	5.00	****/ 85	* * * *	4.39	4.58	4.83	* * * *
2. Was the instructor available for individual attention	9	0	0	0	0	0	1	5.00	****/ 82	* * * *	4.53	4.52	4.49	* * * *
3. Did research projects contribute to what you learned	9	0	0	0	0	0	1	5.00	****/ 78	* * * *	4.34	4.47	4.56	* * * *
4. Did presentations contribute to what you learned	9	0	0	0	0	0	1	5.00	****/ 80	* * * *	4.25	4.47	4.59	* * * *
5. Were criteria for grading made clear	9	0	0	0	0	0	1	5.00	****/ 82	* * * *	4.35	4.16	4.02	* * * *

Credits Ea	arned	Cum. GPA		Expected	d Grades	Reasons		Туре		Majors	
00-27	0	0.00-0.99	0	А	10	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	10	Non-major	10
84-150	4	3.00-3.49	4	D	0						
Grad.	0	3.50-4.00	3	F	0	Electives	0	#### - Means	there	are not enough	n
				P	0			responses to	be sig	nificant	
				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	0	0	0	1	0	1	2	4.00	1138/1639	4.00	4.51	4.27	4.42	4.00
2. Did the instructor make clear the expected goals	0	0	0	1	0	1	2	4.00	1090/1639	4.00	4.32	4.22	4.29	4.00
4. Did other evaluations reflect the expected goals	0	0	0	0	0	2	2	4.50	476/1583	4.50	4.46	4.19	4.31	4.50
5. Did assigned readings contribute to what you learned	0	0	1	0	1	0	2	3.50	1241/1532	3.50	4.00	4.01	4.07	3.50
6. Did written assignments contribute to what you learned	0	0	0	0	1	0	3	4.50	367/1504	4.50	4.37	4.05	4.20	4.50
7. Was the grading system clearly explained	0	0	1	0	1	1	1	3.25	1474/1612	3.25	4.36	4.16	4.18	3.25
8. How many times was class cancelled	0	0	0	0	0	2	2	4.50	1135/1635	4.50	4.78	4.65	4.72	4.50
9. How would you grade the overall teaching effectiveness	1	0	0	0	0	1	2	4.67	241/1579	4.67	4.24	4.08	4.21	4.67
Lecture														
1. Were the instructor's lectures well prepared	2	0	0	0	0	1	1	4.50	807/1518	4.50	4.51	4.43	4.51	4.50
2. Did the instructor seem interested in the subject	2	0	0	0	0	0	2	5.00	1/1520	5.00	4.85	4.70	4.75	5.00
3. Was lecture material presented and explained clearly	2	0	0	0	0	1	1	4.50	597/1517	4.50	4.41	4.27	4.34	4.50
4. Did the lectures contribute to what you learned	2	0	0	0	0	0	2	5.00	1/1550	5.00	4.34	4.22	4.24	5.00
5. Did audiovisual techniques enhance your understanding	2	0	0	0	1	0	1	4.00	623/1295	4.00	3.89	3.94	4.01	4.00
Discussion														
1. Did class discussions contribute to what you learned	2	0	0	0	1	0	1	4.00	770/1398	4.00	4.48	4.07	4.23	4.00
2. Were all students actively encouraged to participate	2	0	0	0	0	1	1	4.50	616/1391	4.50	4.64	4.30	4.48	4.50
3. Did the instructor encourage fair and open discussion	2	0	0	0	0	0	2	5.00	1/1388	5.00	4.61	4.28	4.50	5.00
4. Were special techniques successful	2	1	0	0	0	0	1	5.00	1/ 958	5.00	4.27	3.93	4.24	5.00

Credits E	larned	Cum. GPA		Expected	l 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	1						
56-83	0	2.00-2.99	0	С	0	General	0	Under-grad	4	Non-major	4
84-150	4	3.00-3.49	1	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	4				
				?	0						

Student Course Evaluation Questionnaire

Ouestions	NR	NA	Fre 1	equer	ncies 3	3	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	0	0	0	3	5.00	1/1639	5.00	4.51	4.27	4.42	5.00
2. Did the instructor make clear the expected goals	0	0	0	0	0	2	1	4.33	774/1639	4.33	4.32	4.22	4.29	4.33
3. Did the exam questions reflect the expected goals	0	2	0	0	0	0	1	5.00	1/1397	5.00	4.58	4.28	4.38	5.00
4. Did other evaluations reflect the expected goals	0	0	0	0	0	0	3	5.00	1/1583	5.00	4.46	4.19	4.31	5.00
5. Did assigned readings contribute to what you learned	0	0	0	0	2	0	1	3.67	1136/1532	3.67	4.00	4.01	4.07	3.67
6. Did written assignments contribute to what you learned	0	0	0	0	0	1	2	4.67	245/1504	4.67	4.37	4.05	4.20	4.67
7. Was the grading system clearly explained	0	0	0	0	0	0	3	5.00	1/1612	5.00	4.36	4.16	4.18	5.00
8. How many times was class cancelled	0	0	0	0	0	0	3	5.00	1/1635	5.00	4.78	4.65	4.72	5.00
9. How would you grade the overall teaching effectiveness	1	0	0	0	0	1	1	4.50	382/1579	4.50	4.24	4.08	4.21	4.50
Discussion														
1. Did class discussions contribute to what you learned	0	0	0	0	0	0	3	5.00	1/1398	5.00	4.48	4.07	4.23	5.00
2. Were all students actively encouraged to participate	0	0	0	0	0	0	3	5.00	1/1391	5.00	4.64	4.30	4.48	5.00
3. Did the instructor encourage fair and open discussion	0	0	0	0	0	1	2	4.67	496/1388	4.67	4.61	4.28	4.50	4.67
4. Were special techniques successful	0	0	0	0	1	0	2	4.33	307/ 958	4.33	4.27	3.93	4.24	4.33

Credits E	larned	Cum. GPA		Expected	l Grades	Reasons		Туре		Majors	
00-27	0	0.00-0.99	0	A	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	1	С	0	General	0	Under-grad	3	Non-major	3
84-150	1	3.00-3.49	0	D	0						
Grad.	0	3.50-4.00	1	F	0	Electives	0	#### - Means	there	are not enough	L
				Р	0			responses to	be sig	gnificant	
				I	0	Other	3				
				?	0						

Student Course Evaluation Questionnaire

			Fre	equei	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	0	4	5.00	1/1639	5.00	4.51	4.27	4.42	5.00
2. Did the instructor make clear the expected goals	0	0	0	0	0	2	2	4.50	517/1639	4.50	4.32	4.22	4.29	4.50
3. Did the exam questions reflect the expected goals	0	3	0	0	0	0	1	5.00	1/1397	5.00	4.58	4.28	4.38	5.00
4. Did other evaluations reflect the expected goals	0	0	0	0	0	1	3	4.75	239/1583	4.75	4.46	4.19	4.31	4.75
5. Did assigned readings contribute to what you learned	0	0	0	0	0	3	1	4.25	580/1532	4.25	4.00	4.01	4.07	4.25
6. Did written assignments contribute to what you learned	0	0	0	0	0	2	2	4.50	367/1504	4.50	4.37	4.05	4.20	4.50
7. Was the grading system clearly explained	0	0	0	1	0	0	3	4.25	814/1612	4.25	4.36	4.16	4.18	4.25
8. How many times was class cancelled	0	0	0	0	0	1	3	4.75	884/1635	4.75	4.78	4.65	4.72	4.75
9. How would you grade the overall teaching effectiveness	0	0	0	0	0	2	2	4.50	382/1579	4.50	4.24	4.08	4.21	4.50
Lecture														
1. Were the instructor's lectures well prepared	0	0	0	1	0	3	0	3.50	1419/1518	3.50	4.51	4.43	4.51	3.50
2. Did the instructor seem interested in the subject	0	0	0	0	0	0	4	5.00	1/1520	5.00	4.85	4.70	4.75	5.00
3. Was lecture material presented and explained clearly	0	0	0	1	0	2	1	3.75	1260/1517	3.75	4.41	4.27	4.34	3.75
4. Did the lectures contribute to what you learned	0	0	1	0	0	1	2	3.75	1237/1550	3.75	4.34	4.22	4.24	3.75
5. Did audiovisual techniques enhance your understanding	0	0	0	0	0	1	3	4.75	135/1295	4.75	3.89	3.94	4.01	4.75
Discussion														
1. Did class discussions contribute to what you learned	3	0	0	0	0	0	1	5.00	1/1398	5.00	4.48	4.07	4.23	5.00
2. Were all students actively encouraged to participate	3	Ő	0	0	0	0	1	5.00	1/1391	5.00	4.64	4.30	4.48	5.00
3. Did the instructor encourage fair and open discussion	3	Ő	0	0	0	0	1	5.00	1/1388	5.00	4.61	4.28	4.50	5.00
4. Were special techniques successful	3	0	1	0	0	0	0	1.00	951/ 958		4.27	3.93	4.24	1.00

Credits Ea	arned	Cum. GPA	L L	Expected	d Grades	Reasons		Туре		Majors	
00-27	0	0.00-0.99	0	 А	4	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	4	Non-major	4
84-150	4	3.00-3.49	1	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	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	0	0	9	5.00	1/1639	5.00	4.51	4.27	4.42	5.00
2. Did the instructor make clear the expected goals	0	0	0	1	0	1	7	4.56	466/1639	4.56	4.32	4.22	4.29	4.56
3. Did the exam questions reflect the expected goals	1	0	0	0	1	1	6	4.63	400/1397	4.63	4.58	4.28	4.38	4.63
4. Did other evaluations reflect the expected goals	1	0	0	0	0	0	8	5.00	1/1583	5.00	4.46	4.19	4.31	5.00
5. Did assigned readings contribute to what you learned	1	0	1	1	1	1	4	3.75	1046/1532	3.75	4.00	4.01	4.07	3.75
6. Did written assignments contribute to what you learned	1	1	0	0	1	2	4	4.43	466/1504	4.43	4.37	4.05	4.20	4.43
7. Was the grading system clearly explained	1	0	1	0	0	3	4	4.13	955/1612	4.13	4.36	4.16	4.18	4.13
8. How many times was class cancelled	1	0	0	0	0	1	7	4.88	706/1635	4.88	4.78	4.65	4.72	4.88
9. How would you grade the overall teaching effectiveness	3	0	0	0	0	1	5	4.83	128/1579	4.83	4.24	4.08	4.21	4.83
Lecture														
1. Were the instructor's lectures well prepared	0	0	0	0	0	0	9	5.00	1/1518	5.00	4.51	4.43	4.51	5.00
2. Did the instructor seem interested in the subject	1	0	0	0	0	0	8	5.00	1/1520	5.00	4.85	4.70	4.75	5.00
3. Was lecture material presented and explained clearly	0	0	0	0	1	0	8	4.78	275/1517	4.78	4.41	4.27	4.34	4.78
4. Did the lectures contribute to what you learned	0	0	0	0	0	0	9	5.00	1/1550	5.00	4.34	4.22	4.24	5.00
5. Did audiovisual techniques enhance your understanding	0	2	0	0	1	0	б	4.71	155/1295	4.71	3.89	3.94	4.01	4.71
Discussion														
1. Did class discussions contribute to what you learned	1	0	0	0	0	0	8	5.00	1/1398	5.00	4.48	4.07	4.23	5.00
2. Were all students actively encouraged to participate	1	0	0	0	Ő	0	8	5.00	1/1391	5.00	4.64	4.30	4.48	5.00
3. Did the instructor encourage fair and open discussion	1	0	1	0	Ő	0	7	4.50	647/1388	4.50	4.61	4.28	4.50	4.50
4. Were special techniques successful	1	0	0	0	0	0	8	5.00	1/ 958	5.00	4.27	3.93	4.24	5.00
	-	•	-	-			-				. – .			

Credits Ea	arned	Cum. GPA	L L	Expected	d Grades	Reasons		Туре		Majors	
00-27	1	0.00-0.99	0	А	7	Required for Majors	0	Graduate	0	Major	0
28-55	1	1.00-1.99	0	В	2						
56-83	0	2.00-2.99	0	C	0	General	0	Under-grad	9	Non-major	9
84-150	6	3.00-3.49	2	D	0						
Grad.	0	3.50-4.00	5	F	0	Electives	0	#### - Means	there	are not enough	1
				P	0			responses to	be sig	gnificant	
				I	0	Other	9	-			
				?	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	2	1	1	3.75	1358/1639	3.75	4.51	4.27	4.42	3.75
2. Did the instructor make clear the expected goals	0	0	0	1	1	0	2	3.75	1357/1639	3.75	4.32	4.22	4.29	3.75
3. Did the exam questions reflect the expected goals	0	3	0	0	0	0	1	5.00	1/1397	5.00	4.58	4.28	4.38	5.00
4. Did other evaluations reflect the expected goals	0	0	1	0	1	2	0	3.00	1532/1583	3.00	4.46	4.19	4.31	3.00
5. Did assigned readings contribute to what you learned	0	0	0	0	2	0	2	4.00	774/1532	4.00	4.00	4.01	4.07	4.00
6. Did written assignments contribute to what you learned	0	0	1	0	1	1	1	3.25	1340/1504	3.25	4.37	4.05	4.20	3.25
7. Was the grading system clearly explained	0	0	2	0	0	0	2	3.00	1519/1612	3.00	4.36	4.16	4.18	3.00
8. How many times was class cancelled	0	0	0	0	0	0	4	5.00	1/1635	5.00	4.78	4.65	4.72	5.00
9. How would you grade the overall teaching effectiveness	1	0	1	1	0	0	1	2.67	1541/1579	2.67	4.24	4.08	4.21	2.67
Lecture														
1. Were the instructor's lectures well prepared	0	0	0	0	1	1	2	4 25	1094/1518	4.25	4.51	4.43	4.51	4.25
2. Did the instructor seem interested in the subject	0	0	0	0	1	0	3		1188/1520		4.85	4.70	4.75	4.50
3. Was lecture material presented and explained clearly	0	0	0	1	1	1	1		1347/1517	3.50	4.41	4.27	4.34	3.50
4. Did the lectures contribute to what you learned	0	0	1	1	0	0	2		1402/1550		4.34	4.22	4.24	3.25
5. Did audiovisual techniques enhance your understanding	0	1	1	0	1	0	1		1158/1295		3.89	3.94	4.01	3.00
5. Did additivistal techniques enhance your understanding	0	Ŧ	Ŧ	0	Ŧ	0	Ŧ	5.00	1130/1293	5.00	5.05	5.91	1.01	5.00
Discussion														
1. Did class discussions contribute to what you learned	1	0	0	0	0	2	1	4.33	560/1398	4.33	4.48	4.07	4.23	4.33
2. Were all students actively encouraged to participate	1	0	0	0	0	2	1	4.33	752/1391	4.33	4.64	4.30	4.48	4.33
3. Did the instructor encourage fair and open discussion	1	0	0	0	0	1	2	4.67	496/1388	4.67	4.61	4.28	4.50	4.67
4. Were special techniques successful	1	0	0	0	2	1	0	3.33	786/ 958	3.33	4.27	3.93	4.24	3.33

Credits Ea	arned	Cum. GPA	L L	Expected	d Grades	Reasons		Туре		Majors	
00-27	1	0.00-0.99	0	A	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	С	0	General	1	Under-grad	4	Non-major	4
84-150	2	3.00-3.49	0	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	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	0	5	5.00	1/1639	5.00	4.51	4.27	4.42	5.00
2. Did the instructor make clear the expected goals	0	0	0	0	0	0	5	5.00	1/1639	5.00	4.32	4.22	4.29	5.00
3. Did the exam questions reflect the expected goals	0	3	0	0	0	0	2	5.00	1/1397	5.00	4.58	4.28	4.38	5.00
4. Did other evaluations reflect the expected goals	0	0	0	0	0	0	5	5.00	1/1583	5.00	4.46	4.19	4.31	5.00
5. Did assigned readings contribute to what you learned	0	0	0	0	0	1	4	4.80	146/1532	4.80	4.00	4.01	4.07	4.80
6. Did written assignments contribute to what you learned	0	0	0	0	1	1	3	4.40	491/1504	4.40	4.37	4.05	4.20	4.40
7. Was the grading system clearly explained	0	0	0	0	1	0	4	4.60	388/1612	4.60	4.36	4.16	4.18	4.60
8. How many times was class cancelled	0	0	0	0	0	0	5	5.00	1/1635	5.00	4.78	4.65	4.72	5.00
9. How would you grade the overall teaching effectiveness	1	0	0	0	0	2	2	4.50	382/1579	4.50	4.24	4.08	4.21	4.50
Lecture														
1. Were the instructor's lectures well prepared	1	0	0	0	0	0	4	5.00	1/1518	5.00	4.51	4.43	4.51	5.00
2. Did the instructor seem interested in the subject	1	Ő	0	0	0	0	4	5.00	1/1520	5.00	4.85	4.70	4.75	5.00
3. Was lecture material presented and explained clearly	1	0	0	0	0	0	4	5.00	1/1517	5.00	4.41	4.27	4.34	5.00
4. Did the lectures contribute to what you learned	1	0	0	0	0	0	4	5.00	1/1550	5.00	4.34	4.22	4.24	5.00
5. Did audiovisual techniques enhance your understanding	1	1	0	1	1	0	1	3.33	1067/1295	3.33	3.89	3.94	4.01	3.33
Discussion														
1. Did class discussions contribute to what you learned	2	0	0	0	0	0	3	5.00	1/1398	5.00	4.48	4.07	4.23	5.00
Were all students actively encouraged to participate	2	0	0	0	0	0	3	5.00	1/1391	5.00	4.64	4.30	4.48	5.00
3. Did the instructor encourage fair and open discussion	2	0	0	0	0	0	3	5.00	1/1388	5.00	4.61	4.28	4.50	5.00
4. Were special techniques successful	2	0	0	0	0	0	3	5.00	1/ 958	5.00	4.27	3.93	4.24	5.00

Credits Ea	arned	Cum. GPA	L L	Expected	d Grades	Reasons		Туре		Majors	
00-27	0	0.00-0.99	0	A	5	Required for Majors	0	Graduate	0	Major	0
28-55	0	1.00-1.99	0	В	0						
56-83	1	2.00-2.99	1	С	0	General	1	Under-grad	5	Non-major	5
84-150	2	3.00-3.49	2	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	4				
				?	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	0	2	6	4.75	318/1639	4.75	4.51	4.27	4.42	4.75
2. Did the instructor make clear the expected goals	0	0	0	0	2	1	5	4.38	722/1639	4.38	4.32	4.22	4.29	4.38
3. Did the exam questions reflect the expected goals	0	6	0	0	0	0	2	5.00	1/1397	5.00	4.58	4.28	4.38	5.00
4. Did other evaluations reflect the expected goals	0	0	0	0	1	1	6	4.63	355/1583	4.63	4.46	4.19	4.31	4.63
5. Did assigned readings contribute to what you learned	1	0	0	0	1	2	4	4.43	419/1532	4.43	4.00	4.01	4.07	4.43
6. Did written assignments contribute to what you learned	0	0	0	1	0	2	5	4.38	514/1504	4.38	4.37	4.05	4.20	4.38
7. Was the grading system clearly explained	0	0	0	0	0	2	6	4.75	218/1612	4.75	4.36	4.16	4.18	4.75
8. How many times was class cancelled	0	0	0	0	0	0	8	5.00	1/1635	5.00	4.78	4.65	4.72	5.00
9. How would you grade the overall teaching effectiveness	3	0	0	0	0	1	4	4.80	137/1579	4.80	4.24	4.08	4.21	4.80
s, now would for grade one everall beaching erroeer, enobe	0	0	0	•	Ū	-	-	1.00	10171010	1.00		1.00		1.00
Lecture														
1. Were the instructor's lectures well prepared	0	0	0	0	0	2	б	4.75	454/1518	4.75	4.51	4.43	4.51	4.75
2. Did the instructor seem interested in the subject	0	0	0	0	0	1	7	4.88	622/1520	4.88	4.85	4.70	4.75	4.88
3. Was lecture material presented and explained clearly	0	0	0	0	0	3	5	4.63	451/1517	4.63	4.41	4.27	4.34	4.63
4. Did the lectures contribute to what you learned	1	0	0	0	0	1	б	4.86	231/1550	4.86	4.34	4.22	4.24	4.86
5. Did audiovisual techniques enhance your understanding	1	6	0	0	0	0	1	5.00	****/1295	* * * *	3.89	3.94	4.01	* * * *
Discussion														
1. Did class discussions contribute to what you learned	2	0	0	0	0	0	б	5.00	1/1398	5.00	4.48	4.07	4.23	5.00
2. Were all students actively encouraged to participate	2	0	0	0	0	0	б	5.00	1/1391	5.00	4.64	4.30	4.48	5.00
3. Did the instructor encourage fair and open discussion	2	0	0	0	0	0	б	5.00	1/1388	5.00	4.61	4.28	4.50	5.00
4. Were special techniques successful	2	0	0	0	0	1	5	4.83	91/ 958	4.83	4.27	3.93	4.24	4.83
Field Work														
1. Did field experience contribute to what you learned	7	0	0	0	0	0	1	5.00	****/ 52	* * * *	4.60	4.04	4.84	* * * *
3. Was the instructor available for consultation	7	0	0	0	0	0	1	5.00	****/ 42	* * * *	4.72	4.75	4.71	* * * *

Credits Ea	arned	Cum. GPA		Expected	Grades	Reasons		Туре		Majors	
00-27	2	0.00-0.99	0	А	4	Required for Majors	0	Graduate	0	Major	0
28-55	1	1.00-1.99	0	В	3						
56-83	2	2.00-2.99	1	С	1	General	0	Under-grad	8	Non-major	8
84-150	2	3.00-3.49	2	D	0						
Grad.	0	3.50-4.00	3	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

Ouestions	NR	NA	Fre 1	equer 2	ncies 3	3	5	Inst Mean	ructor Rank	Course	Dept Mean	UMBC Mean		Sect Mean
Quescions														
General														
1. Did you gain new insights,skills from this course	0	0	0	0	0	0	10	5.00	1/1639	5.00	4.51	4.27	4.42	5.00
2. Did the instructor make clear the expected goals	0	0	0	0	1	3	6	4.50	517/1639	4.50	4.32	4.22	4.29	4.50
3. Did the exam questions reflect the expected goals	1	8	0	0	0	0	1	5.00	****/1397	* * * *	4.58	4.28	4.38	* * * *
4. Did other evaluations reflect the expected goals	0	1	0	0	0	2	7	4.78	217/1583	4.78	4.46	4.19	4.31	4.78
5. Did assigned readings contribute to what you learned	0	0	0	0	4	2	4	4.00	774/1532	4.00	4.00	4.01	4.07	4.00
6. Did written assignments contribute to what you learned	0	0	0	0	0	2	8	4.80	150/1504	4.80	4.37	4.05	4.20	4.80
7. Was the grading system clearly explained	0	0	0	0	0	2	8	4.80	166/1612	4.80	4.36	4.16	4.18	4.80
8. How many times was class cancelled	0	0	0	0	0	0	10	5.00	1/1635	5.00	4.78	4.65	4.72	5.00
9. How would you grade the overall teaching effectiveness	2	0	0	0	0	2	б	4.75	175/1579	4.75	4.24	4.08	4.21	4.75
Lecture														
1. Were the instructor's lectures well prepared	1	0	0	0	1	0	8	4.78	416/1518	4.78	4.51	4.43	4.51	4.78
2. Did the instructor seem interested in the subject	1	0	0	0	0	0	9	5.00	1/1520	5.00	4.85	4.70	4.75	5.00
3. Was lecture material presented and explained clearly	1	0	0	0	1	1	7	4.67	405/1517	4.67	4.41	4.27	4.34	4.67
4. Did the lectures contribute to what you learned	2	0	0	0	0	0	8	5.00	1/1550	5.00	4.34	4.22	4.24	5.00
5. Did audiovisual techniques enhance your understanding	1	8	0	1	0	0	0	2.00	****/1295	* * * *	3.89	3.94	4.01	* * * *
Discussion														
1. Did class discussions contribute to what you learned	2	0	0	0	0	0	8	5.00	1/1398	5.00	4.48	4.07	4.23	5.00
2. Were all students actively encouraged to participate	2	0	0	0	0	0	8	5.00	1/1391	5.00	4.64	4.30	4.48	5.00
3. Did the instructor encourage fair and open discussion	2	0	0	0	0	0	8	5.00	1/1388	5.00	4.61	4.28	4.50	5.00
4. Were special techniques successful	2	0	0	0	0	2	6	4.75	119/ 958		4.27		4.24	
Seminar														
1. Were assigned topics relevant to the announced theme	9	0	0	0	0	0	1	5.00	****/ 85	* * * *	4.39	4.58	4.83	* * * *
2. Was the instructor available for individual attention	9	0	0	0	0	0	1	5.00	****/ 82	* * * *	4.53	4.52	4.49	* * * *
3. Did research projects contribute to what you learned	9	0	0	0	0	0	1	5.00	****/ 78	* * * *	4.34	4.47	4.56	* * * *
4. Did presentations contribute to what you learned	9	0	0	0	0	0	1		****/ 80	* * * *	4.25	4.47	4.59	* * * *
5. Were criteria for grading made clear	9	0	0	0	0	0	1		****/ 82	* * * *	4.35	4.16	4.02	* * * *
Field Work	-	-	_	-			_							
1. Did field experience contribute to what you learned	8	0	0	0	0	0	2	5.00	****/ 52	* * * *	4.60	4.04	4.84	****
2. Did you clearly understand your evaluation criteria	8	0	0	0	0	0	2		****/ 53	* * * *	4.31	4.05	4.58	* * * *
3. Was the instructor available for consultation	8	0	0	0	0	0	2		****/ 42	* * * *	4.72	4.75	4.71	* * * *
4. To what degree could you discuss your evaluations	8	0	0	0	0	1	1		****/ 37	* * * *	4.42	4.58	4.73	* * * *
5. Did conferences help you carry out field activities	8	0	0	0	1	0	1	4.00	****/ 32	* * * *	4.77	4.56	4.64	* * * *

Credits Ea	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 Maj	or	0
28-55	2	1.00-1.99	0	В	3						
56-83	2	2.00-2.99	0	С	0	General	0	Under-grad 10	0 Non	-major	10
84-150	2	3.00-3.49	2	D	0						
Grad.	0	3.50-4.00	4	F	0	Electives	0	#### - Means th	here are no	t enough	ı
				P	0			responses to be	e significa	nt	
				I	0	Other	10	_			
				?	0						

Student Course Evaluation Questionnaire

			Fre	equer	ncies			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	9	4.82	248/1639	4.82	4.51	4.27	4.42	4.82
2. Did the instructor make clear the expected goals	0	0	0	0	0	3	8	4.73	284/1639	4.73	4.32	4.22	4.29	4.73
3. Did the exam questions reflect the expected goals	0	9	0	0	0	0	2	5.00	****/1397	* * * *	4.58	4.28	4.38	* * * *
4. Did other evaluations reflect the expected goals	0	1	0	0	0	1	9	4.90	143/1583	4.90	4.46	4.19	4.31	4.90
5. Did assigned readings contribute to what you learned	0	0	0	0	2	2	7	4.45	388/1532	4.45	4.00	4.01	4.07	4.45
6. Did written assignments contribute to what you learned	0	0	0	0	0	1	10	4.91	111/1504	4.91	4.37	4.05	4.20	4.91
7. Was the grading system clearly explained	0	0	0	0	0	0	11	5.00	1/1612	5.00	4.36	4.16	4.18	5.00
8. How many times was class cancelled	0	0	0	0	0	0	11	5.00	1/1635	5.00	4.78	4.65	4.72	5.00
9. How would you grade the overall teaching effectiveness	2	0	0	1	1	б	1	3.78	1155/1579	3.78	4.24	4.08	4.21	3.78
Lecture														
1. Were the instructor's lectures well prepared	0	0	0	0	0	2	9	4.82	345/1518	4.82	4.51	4.43	4.51	4.82
2. Did the instructor seem interested in the subject	0	0	0	0	0	0	11	5.00	1/1520	5.00	4.85	4.70	4.75	5.00
3. Was lecture material presented and explained clearly	0	0	0	0	0	3	8	4.73	335/1517	4.73	4.41	4.27	4.34	4.73
4. Did the lectures contribute to what you learned	0	0	0	0	1	1	9	4.73	388/1550	4.73	4.34	4.22	4.24	4.73
5. Did audiovisual techniques enhance your understanding	0	6	0	1	1	3	0	3.40	1035/1295	3.40	3.89	3.94	4.01	3.40
Discussion														
1. Did class discussions contribute to what you learned	4	0	0	0	0	0	7	5.00	1/1398	5.00	4.48	4.07	4.23	5.00
2. Were all students actively encouraged to participate	4	0	0	0	0	0	7	5.00	1/1391	5.00	4.64	4.30	4.48	5.00
3. Did the instructor encourage fair and open discussion	4	0	0	0	0	0	7	5.00	1/1388	5.00	4.61	4.28	4.50	5.00
4. Were special techniques successful	4	0	0	0	0	1	6	4.86	87/ 958	4.86	4.27	3.93	4.24	4.86
Seminar														
1. Were assigned topics relevant to the announced theme	10	0	0	0	0	0	1	5.00	****/ 85	****	4.39	4.58	4.83	* * * *
4. Did presentations contribute to what you learned	10	0	0	0	0	0	1		****/ 80	* * * *	4.25	4.47	4.59	* * * *
5. Were criteria for grading made clear	10	0	0	0	0	0	1	5.00	****/ 82	* * * *	4.35	4.16	4.02	* * * *

Credits Ea	arned	Cum. GPA		Expecte	ed Grades	Reasons		Туре		Majors	
00-27	0	0.00-0.99	0	A	10	Required for Majors	0	Graduate	0	Major	0
28-55	2	1.00-1.99	0	В	1						
56-83	3	2.00-2.99	2	C	0	General	1	Under-grad	11	Non-major	11
84-150	3	3.00-3.49	2	D	0						
Grad.	0	3.50-4.00	4	F	0	Electives	0	#### - Means	there	are not enough	'n
				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	7	4.70	391/1639	4.70	4.51	4.27	4.42	4.70
2. Did the instructor make clear the expected goals	0	0	0	0	0	1	9	4.90	128/1639	4.90	4.32	4.22	4.29	4.90
3. Did the exam questions reflect the expected goals	0	5	0	0	0	0	5	5.00	1/1397	5.00	4.58	4.28	4.38	5.00
4. Did other evaluations reflect the expected goals	1	0	0	0	0	1	8	4.89	151/1583	4.89	4.46	4.19	4.31	4.89
5. Did assigned readings contribute to what you learned	1	0	2	0	0	2	5	3.89	926/1532	3.89	4.00	4.01	4.07	3.89
6. Did written assignments contribute to what you learned	1	0	0	0	0	1	8	4.89	118/1504	4.89	4.37	4.05	4.20	4.89
7. Was the grading system clearly explained	1	0	0	0	0	1	8	4.89	123/1612	4.89	4.36	4.16	4.18	4.89
8. How many times was class cancelled	1	0	0	0	0	1	8	4.89	691/1635	4.89	4.78	4.65	4.72	4.89
9. How would you grade the overall teaching effectiveness	2	0	0	0	0	0	8	5.00	1/1579	5.00	4.24	4.08	4.21	5.00
Lecture														
1. Were the instructor's lectures well prepared	2	0	0	0	0	0	8	5.00	1/1518	5.00	4.51	4.43	4.51	5.00
2. Did the instructor seem interested in the subject	2	0	0	0	0	0	8	5.00	1/1520	5.00	4.85	4.70	4.75	5.00
3. Was lecture material presented and explained clearly	3	0	0	0	0	1	6	4.86	198/1517	4.86	4.41	4.27	4.34	4.86
4. Did the lectures contribute to what you learned	2	0	0	0	0	0	8	5.00	1/1550	5.00	4.34	4.22	4.24	5.00
5. Did audiovisual techniques enhance your understanding	3	1	3	0	1	0	2	2.67	1229/1295	2.67	3.89	3.94	4.01	2.67
Discussion														
1. Did class discussions contribute to what you learned	3	0	0	0	0	1	6	4.86	189/1398	4.86	4.48	4.07	4.23	4.86
2. Were all students actively encouraged to participate	3	0	0	0	0	1	6	4.86	279/1391	4.86	4.64	4.30	4.48	4.86
3. Did the instructor encourage fair and open discussion	3	0	0	0	0	1	6	4.86	276/1388	4.86	4.61	4.28	4.50	4.86
4. Were special techniques successful	3	1	0	0	0	1	5	4.83	91/ 958	4.83	4.27	3.93	4.24	4.83
									,					
Seminar														
1. Were assigned topics relevant to the announced theme	8	0	0	0	0	0	2	5.00	****/ 85	* * * *	4.39	4.58	4.83	* * * *
2. Was the instructor available for individual attention	8	0	0	0	0	0	2	5.00	****/ 82	* * * *	4.53	4.52	4.49	* * * *
3. Did research projects contribute to what you learned	8	0	0	0	0	0	2	5.00	****/ 78	* * * *	4.34	4.47	4.56	* * * *
4. Did presentations contribute to what you learned	8	0	0	0	0	0	2	5.00	****/ 80	* * * *	4.25	4.47	4.59	* * * *
5. Were criteria for grading made clear	8	0	0	0	0	0	2	5.00	****/ 82	* * * *	4.35	4.16	4.02	* * * *

Credits E	arned	Cum. GPA		Expected	Grades	Reasons		Туре		Majors	
00-27	0	0.00-0.99	0	 A	10	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	10	Non-major	10
84-150	4	3.00-3.49	3	D	0						
Grad.	0	3.50-4.00	3	F	0	Electives	0	#### - Means	there	are not enough	n
				P	0			responses to	be sig	nificant	
				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	0	2	5.00	1/1639	5.00	4.51	4.27	4.42	5.00
2. Did the instructor make clear the expected goals	0	0	0	0	0	0	2	5.00	1/1639	5.00	4.32	4.22	4.29	5.00
3. Did the exam questions reflect the expected goals	0	0	0	0	0	0	2	5.00	1/1397	5.00	4.58	4.28	4.38	5.00
4. Did other evaluations reflect the expected goals	0	0	0	0	0	0	2	5.00	1/1583	5.00	4.46	4.19	4.31	5.00
5. Did assigned readings contribute to what you learned	0	0	0	0	2	0	0	3.00	1421/1532	3.00	4.00	4.01	4.07	3.00
6. Did written assignments contribute to what you learned	0	0	0	0	0	0	2	5.00	1/1504	5.00	4.37	4.05	4.20	5.00
7. Was the grading system clearly explained	0	0	0	0	0	1	1	4.50	490/1612	4.50	4.36	4.16	4.18	4.50
8. How many times was class cancelled	0	0	0	0	0	1	1	4.50	1135/1635	4.50	4.78	4.65	4.72	4.50
9. How would you grade the overall teaching effectiveness	0	0	0	0	0	1	1	4.50	382/1579	4.50	4.24	4.08	4.21	4.50
Lecture														
1. Were the instructor's lectures well prepared	0	0	0	0	0	0	2	5.00	1/1518	5.00	4.51	4.43	4.51	5.00
2. Did the instructor seem interested in the subject	0	0	0	0	0	0	2	5.00	1/1520	5.00	4.85	4.70	4.75	5.00
3. Was lecture material presented and explained clearly	0	0	0	0	0	0	2	5.00	1/1517	5.00	4.41	4.27	4.34	5.00
4. Did the lectures contribute to what you learned	0	0	0	0	0	0	2	5.00	1/1550	5.00	4.34	4.22	4.24	5.00
5. Did audiovisual techniques enhance your understanding	0	1	0	0	0	1	0	4.00	623/1295	4.00	3.89	3.94	4.01	4.00
Discussion														
1. Did class discussions contribute to what you learned	1	0	0	0	0	0	1	5.00	1/1398	5.00	4.48	4.07	4.23	5.00
2. Were all students actively encouraged to participate	1	0	0	0	0	0	1	5.00	1/1391	5.00	4.64	4.30	4.48	5.00
3. Did the instructor encourage fair and open discussion	1	0	0	0	0	0	1	5.00	1/1388	5.00	4.61	4.28	4.50	5.00
4. Were special techniques successful	1	0	0	0	0	1	0	4.00	456/ 958	4.00	4.27	3.93	4.24	4.00
Field Work														
1. Did field experience contribute to what you learned	0	0	0	0	0	0	2	5.00	1/ 52	5.00	4.60	4.04	4.84	5.00
2. Did you clearly understand your evaluation criteria	0	0	0	0	0	0	2	5.00	1/ 53	5.00	4.31	4.05	4.58	5.00
3. Was the instructor available for consultation	0	0	0	0	0	0	2	5.00	1/ 42	5.00	4.72	4.75	4.71	5.00
4. To what degree could you discuss your evaluations	0	1	0	0	0	0	1	5.00	1/ 37	5.00	4.42	4.58	4.73	5.00
5. Did conferences help you carry out field activities	0	1	0	0	0	0	1	5.00	1/ 32	5.00	4.77	4.56	4.64	5.00
5. 214 contributed help you carry out richt detivities	0	-	0	U	Ū	U U	-	5.00	1, 52	5.00	±•, /	1.55	1.01	5.00

Credits E	Credits Earned 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	0	General	0	Under-grad	2	Non-major	2
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	
				P	0			responses to	be sig	nificant	
				I	0	Other	2	-			
				?	1						

Student Course Evaluation Questionnaire

			Frequencies					Instructor		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	2	0	1	б	3.90	1252/1639	3.90	4.51	4.27	4.42	3.90
2. Did the instructor make clear the expected goals	0	0	0	1	2	3	4	4.00	1090/1639	4.00	4.32	4.22	4.29	4.00
3. Did the exam questions reflect the expected goals	0	9	0	0	0	0	1	5.00	****/1397	* * * *	4.58	4.28	4.38	* * * *
4. Did other evaluations reflect the expected goals	0	1	1	0	1	3	4	4.00	1010/1583	4.00	4.46	4.19	4.31	4.00
5. Did assigned readings contribute to what you learned	1	0	1	1	3	1	3	3.44	1276/1532	3.44	4.00	4.01	4.07	3.44
6. Did written assignments contribute to what you learned	0	1	1	0	1	3	4	4.00	824/1504	4.00	4.37	4.05	4.20	4.00
7. Was the grading system clearly explained	0	0	0	0	3	2	5	4.20	882/1612	4.20	4.36	4.16	4.18	4.20
8. How many times was class cancelled	0	0	0	0	0	0	10	5.00	1/1635		4.78	4.65	4.72	5.00
9. How would you grade the overall teaching effectiveness	0	0	0	1	2	1	6	4.20	725/1579	4.20	4.24	4.08	4.21	4.20
Lecture														
1. Were the instructor's lectures well prepared	2	0	0	0	1	5	2	4 13	1189/1518	4.13	4.51	4.43	4.51	4.13
2. Did the instructor seem interested in the subject	2	0	0	0	1	0	7	4.75	890/1520	4.75	4.85	4.70	4.75	4.75
3. Was lecture material presented and explained clearly	2	0	0	0	2	ې ۲	, 2		1007/1517	4.13	4.41	4.27	4.34	4.13
4. Did the lectures contribute to what you learned	2	0	1	0	1	2	4		1077/1550	4.00	4.34	4.22	4.24	4.00
5. Did audiovisual techniques enhance your understanding	2	0	0	0	3	2	2	3.88	753/1295		3.89	3.94	4.01	3.88
5. Dia additividual cecimiques cimanee your anacistanaing	2	0	0	0	5	5	2	5.00	15571255	5.00	5.05	5.51	1.01	5.00
Discussion														
1. Did class discussions contribute to what you learned	6	0	0	0	0	0	4	5.00	1/1398	5.00	4.48	4.07	4.23	5.00
2. Were all students actively encouraged to participate	6	0	0	0	0	0	4	5.00	1/1391	5.00	4.64	4.30	4.48	5.00
3. Did the instructor encourage fair and open discussion		0	0	0	0	0	4	5.00	1/1388	5.00	4.61	4.28	4.50	5.00
4. Were special techniques successful	6	2	0	0	1	0	1	4.00	****/ 958	* * * *	4.27	3.93	4.24	* * * *
-														

Credits Ea	arned	Cum. GPA	L L	Expected	l Grades	Reasons		Туре	Majors		
00-27	0	0.00-0.99	0	А	5	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	2	С	0	General	0	Under-grad	10	Non-major	10
84-150	5	3.00-3.49	3	D	0						
Grad.	0	3.50-4.00	1	F	0	Electives	1	#### - Means	there	are not enough	ı
				P	0			responses to	be sig	gnificant	
				I	0	Other	9	_			
				?	1						

Student Course Evaluation Questionnaire

Questions	NR	NA	Fre 1	equer 2	ncies 3	3 4	5	Ins† Mean	tructor Rank	Course Mean	-		Level Mean	Sect Mean
General 1. Did you qain new insights,skills from this course	0	0	0	2	4	8	7	3 95	1195/1639	3.95	4.51	4.27	4.42	3.95
2. Did the instructor make clear the expected goals	0	0	0	4	7	6	4		1493/1639	3.48	4.32	4.22	4.26	3.48
3. Did the exam questions reflect the expected goals	Ő	18	0	0	1	1	1		****/1397	****	4.58	4.28	4.37	****
4. Did other evaluations reflect the expected goals	0	0	1	4	4	4	8		1324/1583	3.67	4.46	4.19	4.31	3.67
5. Did assigned readings contribute to what you learned	2	0	б	2	4	б	1		1484/1532		4.00	4.01	4.10	2.68
6. Did written assignments contribute to what you learned	2	0	1	3	5	6	4	3.47	1226/1504	3.47	4.37	4.05	4.29	3.47
7. Was the grading system clearly explained	2	0	0	2	4	4	9	4.05	1010/1612	4.05	4.36	4.16	4.27	4.05
8. How many times was class cancelled	2	0	0	3	1	1	14	4.37	1265/1635	4.37	4.78	4.65	4.81	4.37
9. How would you grade the overall teaching effectiveness	6	0	1	1	4	7	2	3.53	1303/1579	3.53	4.24	4.08	4.17	3.53
Lecture														
1. Were the instructor's lectures well prepared	3	0	0	2	4	6	6		1324/1518		4.51		4.49	3.89
2. Did the instructor seem interested in the subject	3	0	0	0	2	1	15	4.72		4.72	4.85	4.70	4.79	4.72
3. Was lecture material presented and explained clearly	2	0	0	0	6	7			1083/1517		4.41	4.27	4.32	4.00
4. Did the lectures contribute to what you learned	3	0 0	4	2	6 4	3	3		1454/1550		4.34	4.22	4.23	2.94
5. Did audiovisual techniques enhance your understanding	3	0	2	3	4	5	4	3.33	1067/1295	3.33	3.89	3.94	3.95	3.33
Discussion														
1. Did class discussions contribute to what you learned	2	0	1	2	5	5	б		1016/1398		4.48	4.07	4.22	3.68
2. Were all students actively encouraged to participate	2	0	1	1	4	3	10	4.05	959/1391	4.05	4.64	4.30	4.47	4.05
3. Did the instructor encourage fair and open discussion	2	0	0	0	3	5	11	4.42	721/1388		4.61	4.28	4.49	4.42
4. Were special techniques successful	3	7	1	1	4	2	3	3.45	747/ 958	3.45	4.27	3.93	4.01	3.45
Laboratory														
1. Did the lab increase understanding of the material	19	1	0	1	0	0	0	2.00	****/ 224	* * * *	5.00	4.10	4.43	* * * *
2. Were you provided with adequate background information	19	0	0	0	2	0	0	3.00	****/ 240	* * * *	5.00	4.11	3.96	* * * *
3. Were necessary materials available for lab activities	20	0	0	1	0	0	0	2.00	****/ 219	* * * *	5.00	4.44	4.23	* * * *
4. Did the lab instructor provide assistance	20	0	0	1	0	0	0	2.00	****/ 215	****	5.00	4.35	4.72	****
5. Were requirements for lab reports clearly specified	20	0	0	1	0	0	0	2.00	****/ 198	* * * *	5.00	4.18	4.74	* * * *
Seminar														
1. Were assigned topics relevant to the announced theme	13	0	1	2	1	1	3	3.38	80/ 85	3.38	4.39	4.58	4.58	3.38
2. Was the instructor available for individual attention	13	0	0	2	1	3	2	3.63	75/ 82		4.53	4.52	4.74	3.63
3. Did research projects contribute to what you learned	13	0	2	2	0	1		3.13	77/ 78		4.34	4.47	4.52	3.13
4. Did presentations contribute to what you learned 5. Were criteria for grading made clear	13 13	0 0	1 0	2 4	2 1	0 1	3	3.25 3.13	77/ 80 70/ 82		4.25 4.35	4.47	4.50 4.37	3.25 3.13
5. Were criteria for grading made clear	13	0	0	4	T	T	2	3.13	70/ 82	3.13	4.35	4.16	4.57	3.13
Field Work														
1. Did field experience contribute to what you learned	14	0	1	2	1	0	3	3.29	43/ 52		4.60	4.04	3.64	3.29
2. Did you clearly understand your evaluation criteria	14	0	1	1	2	3	0	3.00	44/ 53		4.31	4.05	4.03	3.00
3. Was the instructor available for consultation	15	1	0	0	1	1	3	4.40	,	* * * *	4.72	4.75	4.78	* * * *
4. To what degree could you discuss your evaluations	15	1	0	1	0	1	3	4.20	****/ 37	****	4.42	4.58	4.33	* * * * * * * *
5. Did conferences help you carry out field activities	15	1	0	2	0	0	3	3.80	****/ 32	* * * *	4.77	4.56	4.59	****
Self Paced														
. Did self-paced system contribute to what you learned		0	0	0	2	0	0	3.00	****/ 50	* * * *	3.67	4.45	4.39	* * * *
. Did study questions make clear the expected goal		0	0	1	1	0	0	2.50	****/ 32	* * * *	4.00	4.51	4.50	* * * *
3. Were your contacts with the instructor helpful	19	0	1	1	0	0	0	1.50	****/ 43	* * * *	* * * *	4.69	4.61	* * * *
4. Was the feedback/tutoring by proctors helpful	19	1	0	1	0	0	0	2.00	****/ 32	* * * *	* * * *	4.37	4.31	* * * *
5. Were there enough proctors for all the students	19	1	0	0	1	0	0	3.00	****/ 21	* * * *	* * * *	4.52	4.42	* * * *

Course-Section:	EDUC 601 0101
Title	HUMAN LEARNING/COGNITI
Instructor:	OLIVA, LINDA M.
Enrollment:	25
Ouestionnaires:	21

Student Course Evaluation Questionnaire

Credits Ea	arned	Cum. GPA		Expecte	d Grades	Reasons		Туре	Majors		
00-27	8	0.00-0.99	6	 А	11	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	C	0	General	0	Under-grad	14	Non-major	21
84-150	0	3.00-3.49	1	D	0						
Grad.	7	3.50-4.00	4	F	0	Electives	0	#### - Means	there	are not enough	n
				P	0			responses to	be sig	gnificant	
				I	0	Other	17				
				?	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	4	4.80	257/1639	4.78	4.51	4.27	4.42	4.80
2. Did the instructor make clear the expected goals	0	0	0	0	1	2	2	4.20	915/1639	4.60	4.32	4.22	4.26	4.20
4. Did other evaluations reflect the expected goals	0	0	0	0	0	2	3	4.60	371/1583	4.80	4.46	4.19	4.31	4.60
5. Did assigned readings contribute to what you learned	0	0	0	0	0	0	5	5.00	1/1532	4.75	4.00	4.01	4.10	5.00
6. Did written assignments contribute to what you learned	0	0	0	0	0	2	3	4.60	291/1504	4.80	4.37	4.05	4.29	4.60
7. Was the grading system clearly explained	0	0	0	0	1	1	3	4.40	632/1612	4.70	4.36	4.16	4.27	4.40
8. How many times was class cancelled	1	0	0	0	0	1	3	4.75	884/1635	4.75	4.78	4.65	4.81	4.75
9. How would you grade the overall teaching effectiveness	2	0	0	0	0	2	1	4.33	569/1579	4.67	4.24	4.08	4.17	4.33
Lecture														
1. Were the instructor's lectures well prepared	0	0	0	0	0	1	4	4.80	360/1518	4.90	4.51	4.43	4.49	4.80
2. Did the instructor seem interested in the subject	0	0	0	0	0	0	5	5.00	1/1520	5.00	4.85	4.70	4.79	5.00
3. Was lecture material presented and explained clearly	0	0	0	0	0	1	4	4.80	239/1517	4.90	4.41	4.27	4.32	4.80
4. Did the lectures contribute to what you learned	0	0	0	0	1	0	4	4.60	522/1550	4.80	4.34	4.22	4.23	4.60
5. Did audiovisual techniques enhance your understanding	0	0	0	0	1	1	3	4.40	346/1295	4.45	3.89	3.94	3.95	4.40
Discussion														
1. Did class discussions contribute to what you learned	1	0	0	0	1	0	3	4.50	426/1398	4.75	4.48	4.07	4.22	4.50
2. Were all students actively encouraged to participate		0	0	0	1	0	3	4.50	616/1391	4.75	4.64	4.30	4.47	4.50
3. Did the instructor encourage fair and open discussion		0	0	0	0	0	4	5.00	1/1388	5.00	4.61	4.28	4.49	5.00
4. Were special techniques successful	1	1	0	0	0	0	3	5.00	1/ 958	5.00	4.27	3.93	4.01	5.00

Credits E	larned	Cum. GPA		Expected	Grades	Reasons		Туре	Majors		
00-27	1	0.00-0.99	0	A	4	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	2	Non-major	5
84-150	0	3.00-3.49	1	D	0						
Grad.	3	3.50-4.00	2	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

			Frequencies					Inst	ructor	Course	Dept	Dept UMBC Le		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	3	4.75	318/1639	4.78	4.51	4.27	4.42	4.75
2. Did the instructor make clear the expected goals	0	0	0	0	0	0	4	5.00	1/1639	4.60	4.32	4.22	4.26	5.00
4. Did other evaluations reflect the expected goals	0	0	0	0	0	0	4	5.00	1/1583	4.80	4.46	4.19	4.31	5.00
5. Did assigned readings contribute to what you learned	0	0	0	0	1	0	3	4.50	335/1532	4.75	4.00	4.01	4.10	4.50
6. Did written assignments contribute to what you learned	0	0	0	0	0	0	4	5.00	1/1504	4.80	4.37	4.05	4.29	5.00
7. Was the grading system clearly explained	0	0	0	0	0	0	4	5.00	1/1612	4.70	4.36	4.16	4.27	5.00
8. How many times was class cancelled	0	0	0	0	0	1	3	4.75	884/1635	4.75	4.78	4.65	4.81	4.75
9. How would you grade the overall teaching effectiveness	1	0	0	0	0	0	3	5.00	1/1579	4.67	4.24	4.08	4.17	5.00
Lecture														
1. Were the instructor's lectures well prepared	0	0	0	0	0	0	4	5.00	1/1518	4.90	4.51	4.43	4.49	5.00
2. Did the instructor seem interested in the subject	0	0	0	0	0	0	4	5.00	1/1520	5.00	4.85	4.70	4.79	5.00
3. Was lecture material presented and explained clearly	0	0	0	0	0	0	4	5.00	1/1517	4.90	4.41	4.27	4.32	5.00
4. Did the lectures contribute to what you learned	0	0	0	0	0	0	4	5.00	1/1550	4.80	4.34	4.22	4.23	5.00
5. Did audiovisual techniques enhance your understanding	0	0	0	0	1	0	3	4.50	265/1295	4.45	3.89	3.94	3.95	4.50
Discussion														
1. Did class discussions contribute to what you learned	0	0	0	0	0	0	4	5.00	1/1398	4.75	4.48	4.07	4.22	5.00
2. Were all students actively encouraged to participate			0	0	0	0	4	5.00	1/1391	4.75	4.64	4.30	4.47	5.00
3. Did the instructor encourage fair and open discussion			0	0	0	0	4	5.00	1/1388	5.00	4.61	4.28	4.49	5.00
4. Were special techniques successful	0	1	0	0	0	0	3	5.00	1/ 958	5.00	4.27	3.93	4.01	5.00

Credits E	arned	Cum. GPA		Expected	l Grades	Reasons		Туре	Majors		
00-27	1	0.00-0.99	2	A	4	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	1	Non-major	4
84-150	0	3.00-3.49	0	D	0						
Grad.	3	3.50-4.00	0	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

Ouestions	ND	NA	Fre 1	equer 2	ncies 3	5	5	Inst Mean	ructor Rank		Dept Mean	UMBC Mean	Level Mean	Sect Mean
Queserons						ч 								
General														
1. Did you gain new insights,skills from this course	1	0	0	1	0	1	6	4.50	615/1639	4.50	4.51	4.27	4.42	4.50
2. Did the instructor make clear the expected goals	1	0	0	0	0	1	7	4.88	149/1639	4.88	4.32	4.22	4.26	4.88
3. Did the exam questions reflect the expected goals	2	5	0	0	0	0	2	5.00	****/1397	* * * *	4.58	4.28	4.37	* * * *
4. Did other evaluations reflect the expected goals	1	0	0	0	0	1	7	4.88	155/1583	4.88	4.46	4.19	4.31	4.88
5. Did assigned readings contribute to what you learned	1	0	1	0	0	1	б	4.38	469/1532	4.38	4.00	4.01	4.10	4.38
6. Did written assignments contribute to what you learned	1	0	1	0	0	1	б	4.38	514/1504	4.38	4.37	4.05	4.29	4.38
7. Was the grading system clearly explained	1	0	0	0	0	0	8	5.00	1/1612	5.00	4.36	4.16	4.27	5.00
8. How many times was class cancelled	1	0	0	0	0	0	8	5.00	1/1635	5.00	4.78	4.65	4.81	5.00
9. How would you grade the overall teaching effectiveness	4	0	0	0	0	2	3	4.60	283/1579	4.60	4.24	4.08	4.17	4.60
Lecture														
1. Were the instructor's lectures well prepared	1	0	0	0	1	1	б	4.63	656/1518	4.63	4.51	4.43	4.49	4.63
2. Did the instructor seem interested in the subject	1	0	0	0	1	1	6	4.63	1087/1520	4.63	4.85	4.70	4.79	4.63
3. Was lecture material presented and explained clearly	1	0	0	0	0	1	7	4.88	181/1517	4.88	4.41	4.27	4.32	4.88
4. Did the lectures contribute to what you learned	1	0	0	0	0	1	7	4.88	208/1550	4.88	4.34	4.22	4.23	4.88
5. Did audiovisual techniques enhance your understanding	1	0	1	0	1	1	5	4.13	561/1295	4.13	3.89	3.94	3.95	4.13
Discussion														
1. Did class discussions contribute to what you learned	2	0	0	0	1	2	4	4.43	494/1398	4.43	4.48	4.07	4.22	4.43
2. Were all students actively encouraged to participate	2	0	0	0	1	2	4	4.43	678/1391	4.43	4.64	4.30	4.47	4.43
3. Did the instructor encourage fair and open discussion	2	0	0	0	0	2	5	4.71	435/1388	4.71	4.61	4.28	4.49	4.71
4. Were special techniques successful	2	0	1	1	0	0	5	4.00	456/ 958	4.00	4.27	3.93	4.01	4.00
Laboratory														
2. Were you provided with adequate background information	8	0	1	0	0	0	0	1.00	****/ 240	* * * *	5.00	4.11	3.96	* * * *
Field Work														
1. Did field experience contribute to what you learned	8	0	0	0	1	0	0	3.00	****/ 52	* * * *	4.60	4.04	3.64	* * * *
2. Did you clearly understand your evaluation criteria	8	0	0	0	1	0	0	3.00	****/ 53	* * * *	4.31	4.05	4.03	* * * *
3. Was the instructor available for consultation	8	0	0	0	1	0	0	3.00	****/ 42	* * * *	4.72	4.75	4.78	* * * *
Self Paced														
1. Did self-paced system contribute to what you learned	7	0	0	0	1	0	1	4.00	****/ 50	* * * *	3.67	4.45	4.39	* * * *
2. Did study questions make clear the expected goal	7	0	0	0	1	0	1	4.00	****/ 32	* * * *	4.00	4.51	4.50	* * * *
3. Were your contacts with the instructor helpful	7	1	0	0	0	0	1	5.00	****/ 43	* * * *	* * * *	4.69	4.61	* * * *
4. Was the feedback/tutoring by proctors helpful	7	1	0	0	0	0	1	5.00	****/ 32	* * * *	* * * *	4.37	4.31	* * * *

Credits Ea	arned	Cum. GPA		Expected	Grades	Reasons		Туре		Majors	
00-27	1	0.00-0.99	0	 А	5	Required for Majors	0	Graduate	1	Major	0
28-55	0	1.00-1.99	0	В	2						
56-83	0	2.00-2.99	0	С	0	General	1	Under-grad	8	Non-major	9
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	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
1	General	0	0	0	0	1	2	-	1 60	F00/1620	1 60	4 5 1	4 07	4 40	1 60
	Did you gain new insights,skills from this course Did the instructor make clear the expected goals	0 0	0 0	0 0	0 0	1 3	2 1	7 6	4.60 4.30	508/1639		4.51		4.42 4.26	4.60
		-	0 6	0	0	3	1	6 2		813/1639		4.32	4.22		4.30
	Did the exam questions reflect the expected goals	0	0	0		2 0	-	_	4.00	973/1397		4.58	4.28	4.37	4.00
	Did other evaluations reflect the expected goals	0	-	-	1	1	3	6	4.40	597/1583		4.46	4.19	4.31	4.40
	Did assigned readings contribute to what you learned	0	0	1	0	Ţ	3	5	4.10	700/1532		4.00	4.01	4.10	4.10
	Did written assignments contribute to what you learned	0	0	1	0	0	2	7	4.40	491/1504		4.37	4.05	4.29	4.40
	Was the grading system clearly explained	0	0	0	1	1	2	6	4.30	756/1612		4.36	4.16	4.27	4.30
	How many times was class cancelled	0	0	0	0	1 1	3	6		1135/1635		4.78	4.65	4.81	4.50
9.	How would you grade the overall teaching effectiveness	2	0	0	1	T	1	5	4.25	657/1579	4.25	4.24	4.08	4.17	4.25
	Lecture														
1.	Were the instructor's lectures well prepared	1	0	0	0	1	1	7	4.67	602/1518	4.67	4.51	4.43	4.49	4.67
2.	Did the instructor seem interested in the subject	2	0	0	0	0	2	б	4.75	890/1520	4.75	4.85	4.70	4.79	4.75
3.	Was lecture material presented and explained clearly	1	0	0	1	0	1	7	4.56	535/1517	4.56	4.41	4.27	4.32	4.56
4.	Did the lectures contribute to what you learned	1	0	0	1	1	2	5	4.22	920/1550	4.22	4.34	4.22	4.23	4.22
5.	Did audiovisual techniques enhance your understanding	1	3	1	0	1	3	1	3.50	978/1295	3.50	3.89	3.94	3.95	3.50
	Discussion														
1	Did class discussions contribute to what you learned	0	0	0	0	1	3	6	4.50	426/1398	4.50	4.48	4.07	4.22	4.50
	Were all students actively encouraged to participate	0	0	0	0	0	2	8	4.80	332/1391		4.64	4.30	4.47	4.80
	Did the instructor encourage fair and open discussion	0	0	0	0	1	1	8	4.70	459/1388		4.61	4.28	4.49	4.70
	Were special techniques successful	0	0	0	1	0	4	5	4.30	325/ 958		4.27	3.93	4.01	
1.	were special countrates successial	0	0	0	-	0	1	5	1.50	5257 550	1.50	1.27	5.75	1.01	1.50
	Seminar														
1.	Were assigned topics relevant to the announced theme	7	0	0	0	0	1	2	4.67	48/ 85	4.67	4.39	4.58	4.58	4.67
2.	Was the instructor available for individual attention	7	0	0	0	0	1	2	4.67	40/ 82	4.67	4.53	4.52	4.74	4.67
	Did research projects contribute to what you learned	7	0	0	0	0	1	2	4.67	41/ 78	4.67	4.34	4.47	4.52	4.67
4.	Did presentations contribute to what you learned	7	0	0	0	0	2	1	4.33	52/ 80	4.33	4.25	4.47	4.50	4.33
5.	Were criteria for grading made clear	7	0	0	0	0	1	2	4.67	30/ 82	4.67	4.35	4.16	4.37	4.67
	Field Work														
1.	Did field experience contribute to what you learned	8	0	0	0	1	1	0	3.50	****/ 52	* * * *	4.60	4.04	3.64	* * * *
	Did you clearly understand your evaluation criteria	8	0	0	0	1	0	1	4.00	****/ 53	* * * *	4.31	4.05	4.03	* * * *
	Was the instructor available for consultation	9	0	0	0	1	0	0	3.00	****/ 42	* * * *	4.72	4.75	4.78	* * * *
	To what degree could you discuss your evaluations	9	0	0	0	1	0	0	3.00	****/ 37	* * * *	4.42	4.58	4.33	* * * *
	Did conferences help you carry out field activities	9	0	0	0	1	0	0		****/ 32	* * * *	4.77	4.56	4.59	* * * *
	Self Paced														
1	Did self-paced system contribute to what you learned	7	0	0	0	2	0	1	3.67	44/ 50	3.67	3.67	4.45	4.39	3.67
	Did study questions make clear the expected goal	7	0	0	0	1	1	1	4.00	22/ 32		4.00	4.51	4.59	4.00
	Were your contacts with the instructor helpful	8	0	0	0	1	0	1		22/ 32 ****/ 43		4.00 ****	4.51 4.69	4.50	4.00 ****
	Was the feedback/tutoring by proctors helpful	8	1	0	0	1	0	1 0	4.00	****/ 32	****	****	4.69	4.81	****
		8	1	0	0	⊥ 1	0	0		****/ 21	****	****	4.37	4.31	****
э.	Were there enough proctors for all the students	ö	T	U	U	T	U	U	5.00	21			4.54	4.42	

Credits Ea	arned	Cum. GPA		Expected	Grades	Reasons		Туре		Majors	
00-27	1	0.00-0.99	0	 А	7	Required for Majors	0	Graduate	3	Major	6
28-55	0	1.00-1.99	0	В	0						
56-83	0	2.00-2.99	0	С	0	General	1	Under-grad	7	Non-major	4
84-150	0	3.00-3.49	0	D	0						
Grad.	3	3.50-4.00	1	F	0	Electives	0	#### - Means	there	are not enough	L

P	0			responses to be significant
I	0	Other	б	
?	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	1	5	4.38	780/1639	4.38	4.51	4.27	4.42	4.38
2. Did the instructor make clear the expected goals	0	0	0	0	3	3	2	3.88	1281/1639	3.88	4.32	4.22	4.26	3.88
3. Did the exam questions reflect the expected goals	0	7	0	0	1	0	0	3.00	****/1397	* * * *	4.58	4.28	4.37	* * * *
4. Did other evaluations reflect the expected goals	0	1	0	1	1	2	3	4.00	1010/1583	4.00	4.46	4.19	4.31	4.00
5. Did assigned readings contribute to what you learned	0	0	0	0	1	3	4	4.38	469/1532	4.38	4.00	4.01	4.10	4.38
6. Did written assignments contribute to what you learned	0	0	0	1	1	3	3	4.00	824/1504	4.00	4.37	4.05	4.29	4.00
7. Was the grading system clearly explained	0	1	2	0	2	1	2	3.14	1501/1612	3.14	4.36	4.16	4.27	3.14
8. How many times was class cancelled	0	0	0	0	0	2	6	4.75	884/1635	4.75	4.78	4.65	4.81	4.75
9. How would you grade the overall teaching effectiveness	3	0	0	0	0	3	2	4.40	496/1579	4.40	4.24	4.08	4.17	4.40
Lecture														
1. Were the instructor's lectures well prepared	1	0	0	1	0	1	5	4.43	919/1518	4.43	4.51	4.43	4.49	4.43
2. Did the instructor seem interested in the subject	1	0	0	0	0	1	6	4.86	674/1520	4.86	4.85	4.70	4.79	4.86
3. Was lecture material presented and explained clearly	1	0	0	0	1	3	3 3	4.29	854/1517	4.29	4.41	4.27	4.32	4.29
4. Did the lectures contribute to what you learned	1	0	0	0	0	3	4	4.57	556/1550	4.57	4.34	4.22	4.23	4.57
5. Did audiovisual techniques enhance your understanding	2	1	0	0	2	1	2	4.00	623/1295	4.00	3.89	3.94	3.95	4.00
_, _,														
Discussion	0	0	~	~	-	2	4	4 20	F20 /1200	4 20	4 4 9	4 0 7	4 00	4 20
1. Did class discussions contribute to what you learned	0	0	0	0	1	3	4	4.38	532/1398		4.48	4.07	4.22	4.38
2. Were all students actively encouraged to participate	0	0	0 0	0 2	3 0	1	4	4.13	919/1391 907/1388	4.13	4.64	4.30 4.28	4.47	4.13
3. Did the instructor encourage fair and open discussion 4. Were special techniques successful	0	0	0	∠ 0	1	1	5	4.13 4.63	907/1388 171/ 958	4.13	4.61	4.28 3.93	4.49	4.13
4. Were special techniques successiul	0	U	U	U	T	T	ю	4.03	1/1/ 958	4.63	4.27	3.93	4.01	4.63
Laboratory														
2. Were you provided with adequate background information	7	0	0	0	0	1	0	4.00	****/ 240	* * * *	5.00	4.11	3.96	* * * *
Seminar														
1. Were assigned topics relevant to the announced theme	7	0	0	0	0	1	0	4.00	****/ 85	****	4.39	4.58	4.58	* * * *

Credits E	Sarned	Cum. GPA		Expected	Grades	Reasons		Туре		Majors	
00-27	1	0.00-0.99	1	A	4	Required for Majors	0	Graduate	5	Major	0
28-55	0	1.00-1.99	0	В	3						
56-83	0	2.00-2.99	0	C	0	General	0	Under-grad	3	Non-major	8
84-150	0	3.00-3.49	1	D	0						
Grad.	5	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	7				
				?	0						

Student Course Evaluation Questionnaire

Questions	NR	NA	Fre 1	equer 2	ncies 3	3 4	5	Inst Mean	ructor Rank	Course Mean	Dept Mean	UMBC Mean		Sect Mean
General	0	0	~	0	1	2		4 67	420/1620	4 6 7	4 5 1	4 07	4 4 0	4 67
1. Did you gain new insights, skills from this course	0	0	0	0 0	1 5	3	11	4.67	430/1639 1287/1639	4.67 3.87	4.51 4.32	4.27	4.42 4.26	4.67 3.87
 Did the instructor make clear the expected goals Did the exam questions reflect the expected goals 	1	0 10	0	0	-	0	3	3.87 4.50	517/1397	3.87 4.50	4.32	4.22 4.28	4.20	3.87 4.50
4. Did other evaluations reflect the expected goals		0	0	0	1 4	4	2	4.20	852/1583	4.30	4.30	4.20	4.37	4.30
5. Did assigned readings contribute to what you learned	0	0	0	0	4 4	4	9	4.20	506/1532	4.20	4.40	4.19	4.31	4.20
6. Did written assignments contribute to what you learned	0	0	0	0	4	∠ 4	9 10	4.55	291/1504	4.33	4.00	4.01	4.10	4.33
7. Was the grading system clearly explained	0	0	2	1	⊥ 4	4 2	10 6		1360/1612	4.60	4.37	4.05	4.29	4.60
8. How many times was class cancelled	0	0	0	0	3	9	3		1497/1635	4.00	4.78	4.10	4.27	4.00
9. How would you grade the overall teaching effectiveness	3	0	0	0	1	8	3	4.17	760/1579	4.17	4.78	4.03	4.17	4.00
9. How would you grade the overall teaching effectiveness	5	0	0	0	T	0	5	4.1/	100/15/9	4.1/	4.24	4.00	4.1/	4.1/
Lecture														
1. Were the instructor's lectures well prepared	3	0	0	0	0	3	9	4.75	454/1518	4.75	4.51	4.43	4.49	4.75
2. Did the instructor seem interested in the subject	2	0	0	0	0	0	13	5.00	1/1520	5.00	4.85	4.70	4.79	5.00
3. Was lecture material presented and explained clearly	2	0	0	0	2	3	8	4.46	648/1517	4.46	4.41	4.27	4.32	4.46
4. Did the lectures contribute to what you learned	3	0	0	0	0	3	9	4.75	351/1550	4.75	4.34	4.22	4.23	4.75
5. Did audiovisual techniques enhance your understanding	2	2	2	1	3	4	1	3.09	1149/1295	3.09	3.89	3.94	3.95	3.09
Discussion														
1. Did class discussions contribute to what you learned	3	0	0	1	0	4	7	4.42	502/1398	4.42	4.48	4.07	4.22	4.42
Were all students actively encouraged to participate	3	0	0	0	1	2	9	4.67	489/1391	4.67	4.64	4.30	4.47	4.67
3. Did the instructor encourage fair and open discussion	4	0	0	0	2	2	7	4.45	693/1388	4.45	4.61	4.28	4.49	4.45
4. Were special techniques successful	3	1	0	0	1	1	9	4.73	131/ 958	4.73	4.27	3.93	4.01	4.73
Laboratory							-							* * * *
1. Did the lab increase understanding of the material	14	0	0	0	0	0	1		****/ 224	* * * *	5.00	4.10	4.43	* * * *
2. Were you provided with adequate background information	14	0	0	0	0	0	1		****/ 240	* * * *	5.00	4.11	3.96	****
3. Were necessary materials available for lab activities	14	0	0	0	0	0	1		****/ 219	****	5.00	4.44	4.23	
4. Did the lab instructor provide assistance	14	0	0	0	0	0	1		****/ 215	****	5.00	4.35	4.72	* * * *
5. Were requirements for lab reports clearly specified	14	0	0	0	0	0	1	5.00	****/ 198	* * * *	5.00	4.18	4.74	* * * *
Field Work														
1. Did field experience contribute to what you learned	2	0	0	0	0	4	٩	4.69	26/ 52	4.69	4.60	4.04	3.64	4.69
2. Did you clearly understand your evaluation criteria	2	0	0	1	5	2	5	3.85	39/ 53	3.85	4.00	4.04	4.03	3.85
3. Was the instructor available for consultation	2	1	0	1	1	∠ 3	7	4.33	37/42	4.33	4.72	4.05	4.78	4.33
4. To what degree could you discuss your evaluations	2	0	1	0	4	2	6	3.92	33/ 37	3.92	4.42	4.58	4.33	3.92
5. Did conferences help you carry out field activities	2	1	0	0	1	∠ 3	8	4.58	16/ 32	4.58	4.42	4.58	4.59	4.58
5. Fig conferences help you carry out field activities	4	-	0	0	-	5	0	1.50	10/ 52	1.50	1. / /	1.50	1.55	1.50

Credits Ea	arned	Cum. GPA		Expecte	d Grades	Reasons		Туре		Majors	
00-27	2	0.00-0.99	0	A	10	Required for Majors	0	Graduate	8	Major	0
28-55	0	1.00-1.99	0	В	3						
56-83	0	2.00-2.99	0	C	0	General	0	Under-grad	7	Non-major	15
84-150	0	3.00-3.49	0	D	0						
Grad.	8	3.50-4.00	7	F	0	Electives	0	#### - Means	there	are not enough	n
				P	0			responses to	be sig	gnificant	
				I	0	Other	13				
				?	0						

Student Course Evaluation Questionnaire

	Freq				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	1	1	4	1	3.71	1384/1639	3.71	4.51	4.27	4.42	3.71
2. Did the instructor make clear the expected goals	0	0	0	0	3	3	1	3.71	1381/1639	3.71	4.32	4.22	4.26	3.71
3. Did the exam questions reflect the expected goals	0	3	1	3	0	0	0	1.75	1397/1397	1.75	4.58	4.28	4.37	1.75
4. Did other evaluations reflect the expected goals	0	0	0	1	3	3	0	3.29	1477/1583	3.29	4.46	4.19	4.31	3.29
5. Did assigned readings contribute to what you learned	0	0	1	1	2	0	3	3.43	1288/1532	3.43	4.00	4.01	4.10	3.43
6. Did written assignments contribute to what you learned	0	1	0	1	2	3	0	3.33	1303/1504	3.33	4.37	4.05	4.29	3.33
7. Was the grading system clearly explained	0	1	0	1	0	2	3	4.17	913/1612	4.17	4.36	4.16	4.27	4.17
8. How many times was class cancelled	0	0	0	0	0	1	6	4.86	736/1635	4.86	4.78	4.65	4.81	4.86
9. How would you grade the overall teaching effectiveness	1	0	1	2	2	0	1	2.67	1541/1579	2.67	4.24	4.08	4.17	2.67
Lecture														
1. Were the instructor's lectures well prepared	0	0	0	0	1	5	1	4.00	1237/1518	4.00	4.51	4.43	4.49	4.00
2. Did the instructor seem interested in the subject	0	0	1	0	1	1	4	4.00	1414/1520	4.00	4.85	4.70	4.79	4.00
3. Was lecture material presented and explained clearly	0	0	1	1	2	2	1	3.14	1442/1517	3.14	4.41	4.27	4.32	3.14
4. Did the lectures contribute to what you learned	0	0	2	1	3	1	0	2.43	1498/1550	2.43	4.34	4.22	4.23	2.43
5. Did audiovisual techniques enhance your understanding	0	1	1	0	2	2	1	3.33	1067/1295	3.33	3.89	3.94	3.95	3.33
Discussion														
1. Did class discussions contribute to what you learned	0	0	3	0	3	1	0	2.29	1377/1398	2.29	4.48	4.07	4.22	2.29
2. Were all students actively encouraged to participate	0	0	1	2	1	1	2	3.14	1300/1391	3.14	4.64	4.30	4.47	3.14
3. Did the instructor encourage fair and open discussion	0	0	1	2	1	2	1	3.00	1320/1388	3.00	4.61	4.28	4.49	3.00
4. Were special techniques successful	0	2	0	2	2	1	0	2.80	888/ 958	2.80	4.27	3.93	4.01	2.80
Field Work														
1. Did field experience contribute to what you learned	б	0	1	0	0	0	0	1.00	****/ 52	* * * *	4.60	4.04	3.64	* * * *

Credits E	arned	Cum. GPA	1	Expected	d Grades	Reasons		Туре		Majors	
00-27	3	0.00-0.99	0	A	4	Required for Majors	0	Graduate	2	Major	0
28-55	0	1.00-1.99	0	В	3						
56-83	0	2.00-2.99	0	С	0	General		Under-grad	5	Non-major	7
84-150	0	3.00-3.49	1	D	0						
Grad.	2	3.50-4.00	4	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	0	0	0	0	0	0	5	5.00	1/1639	5.00	4.51	4.27	4.42	5.00
2. Did the instructor make clear the expected goals	0	0	0	0	0	2	3	4.60	415/1639	4.60	4.32	4.22	4.26	4.60
3. Did the exam questions reflect the expected goals	0	4	0	0	0	0	1	5.00	****/1397	* * * *	4.58	4.28	4.37	* * * *
4. Did other evaluations reflect the expected goals	0	0	0	0	0	1	4	4.80	186/1583	4.80	4.46	4.19	4.31	4.80
5. Did assigned readings contribute to what you learned	0	0	0	1	0	3	1	3.80	989/1532	3.80	4.00	4.01	4.10	3.80
6. Did written assignments contribute to what you learned	0	0	0	0	0	1	4	4.80	150/1504	4.80	4.37	4.05	4.29	4.80
7. Was the grading system clearly explained	0	0	0	0	0	2	3	4.60	388/1612	4.60	4.36	4.16	4.27	4.60
8. How many times was class cancelled	0	0	0	0	0	0	5	5.00	1/1635	5.00	4.78	4.65	4.81	5.00
9. How would you grade the overall teaching effectiveness	1	0	0	0	0	1	3	4.75	175/1579	4.75	4.24	4.08	4.17	4.75
Lecture														
1. Were the instructor's lectures well prepared	0	0	0	0	0	2	3	4.60	684/1518	4.60	4.51	4.43	4.49	4.60
2. Did the instructor seem interested in the subject	0	0	0	0	0	1	4	4.80	802/1520	4.80	4.85	4.70	4.79	4.80
3. Was lecture material presented and explained clearly	0	0	0	0	1	1	3	4.40	726/1517	4.40	4.41	4.27	4.32	4.40
4. Did the lectures contribute to what you learned	0	0	0	0	0	1	4	4.80	288/1550	4.80	4.34	4.22	4.23	4.80
5. Did audiovisual techniques enhance your understanding	0	4	0	0	0	0	1	5.00	****/1295	****	3.89	3.94	3.95	* * * *
Discussion														
1. Did class discussions contribute to what you learned	1	0	0	0	0	0	4	5.00	1/1398	5.00	4.48	4.07	4.22	5.00
2. Were all students actively encouraged to participate	1	0	0	0	0	1	3	4.75	393/1391	4.75	4.40	4.30	4.47	4.75
3. Did the instructor encourage fair and open discussion	1	0	0	0	0	1	2	4.75	387/1388	4.75	4.61	4.28	4.49	4.75
4. Were special techniques successful	1	1	0	0	0	1	2	4.67	155/ 958	4.67	4.01	3.93	4.01	4.67
4. Were special techniques successiui	Т	Ŧ	0	0	0	T	2	4.07	100/ 900	4.07	4.2/	3.93	4.01	4.07
Field Work														
1. Did field experience contribute to what you learned	1	0	0	0	0	0	4	5.00	1/ 52	5.00	4.60	4.04	3.64	5.00
2. Did you clearly understand your evaluation criteria	1	0	0	0	0	1	3	4.75	15/ 53	4.75	4.31	4.05	4.03	4.75
3. Was the instructor available for consultation	1	2	0	0	0	1	1	4.50	28/ 42	4.50	4.72	4.75	4.78	4.50
4. To what degree could you discuss your evaluations	1	0	0	0	1	1	2	4.25	29/ 37	4.25	4.42	4.58	4.33	4.25
5. Did conferences help you carry out field activities	1	1	0	0	0	1	2	4.67	15/ 32	4.67	4.77	4.56	4.59	4.67

Credits H	Earned	Cum. GPA		Expected	Grades	Reasons		Туре		Majors	
00-27	4	0.00-0.99	0	A	5	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	1	C	0	General	0	Under-grad	4	Non-major	5
84-150	0	3.00-3.49	0	D	0						
Grad.	1	3.50-4.00	3	F	0	Electives	0	#### - Means	there	are not enough	
				P	0			responses to	be sig	nificant	
				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	1	0	0	2	4.00	1138/1639	4.00	4.51	4.27	4.42	4.00
2. Did the instructor make clear the expected goals	0	0	1	0	0	1	1	3.33	1536/1639	3.33	4.32	4.22	4.26	3.33
3. Did the exam questions reflect the expected goals	0	0	1	0	0	1	1	3.33	1318/1397	3.33	4.58	4.28	4.37	3.33
4. Did other evaluations reflect the expected goals	0	0	1	0	1	0	1	3.00	1532/1583	3.00	4.46	4.19	4.31	3.00
5. Did assigned readings contribute to what you learned	0	0	1	1	1	0	0	2.00	1524/1532	2.00	4.00	4.01	4.10	2.00
6. Did written assignments contribute to what you learned	0	0	1	1	0	0	1	2.67	1471/1504	2.67	4.37	4.05	4.29	2.67
7. Was the grading system clearly explained	0	0	1	0	1	0	1	3.00	1519/1612	3.00	4.36	4.16	4.27	3.00
8. How many times was class cancelled	0	0	0	0	0	1	2	4.67	1001/1635	4.67	4.78	4.65	4.81	4.67
9. How would you grade the overall teaching effectiveness	0	0	1	0	0	1	1	3.33	1390/1579	3.33	4.24	4.08	4.17	3.33
Lecture														
1. Were the instructor's lectures well prepared	2	0	0	1	0	0	0	2.00	1512/1518	2.00	4.51	4.43	4.49	2.00
2. Did the instructor seem interested in the subject	2	0	0	1	0	0	0		1519/1520	2.00	4.85	4.70	4.79	2.00
3. Was lecture material presented and explained clearly	2	0	1	0	0	0	0		1515/1517	1.00	4.41	4.27	4.32	1.00
4. Did the lectures contribute to what you learned	2	0	1	0	0	0	0	1.00	1549/1550	1.00	4.34	4.22	4.23	1.00
5. Did audiovisual techniques enhance your understanding	2	0	1	0	0	0	0	1.00	1293/1295	1.00	3.89	3.94	3.95	1.00
Discussion														
1. Did class discussions contribute to what you learned	0	0	1	0	0	0	2		1030/1398	3.67	4.48	4.07	4.22	3.67
Were all students actively encouraged to participate	0	0	0	0	1	0	2	4.33	752/1391	4.33	4.64	4.30	4.47	4.33
3. Did the instructor encourage fair and open discussion	0	0	1	0	0	0	2		1130/1388	3.67	4.61	4.28	4.49	3.67
4. Were special techniques successful	0	0	0	0	1	0	2	4.33	307/ 958	4.33	4.27	3.93	4.01	4.33

Credits Ea	arned	Cum. GPA	L L	Expected	d Grades	Reasons		Туре		Majors	
00-27	0	0.00-0.99	0	А	2	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	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	3	F	0	Electives	0	#### - Means	there	are not enough	
				P	0			responses to	be sig	gnificant	
				I	0	Other	3				
				?	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
General 1. Did you gain new insights,skills from this course	0	0	0	0	0	0	7	5.00	1/1639	5.00	4.51	4.27	4.42	5.00
2. Did the instructor make clear the expected goals	0	0	0	0	0	1	6	4.86	163/1639		4.32	4.22	4.26	4.86
3. Did the exam questions reflect the expected goals	0	4	0	0	0	0	3	5.00	1/1397		4.58	4.28	4.37	5.00
4. Did other evaluations reflect the expected goals	0	0	0	0	0	0	7	5.00	1/1583		4.46	4.19	4.31	5.00
5. Did assigned readings contribute to what you learned	1	0	0	0	0	1	5	4.83	133/1532		4.00	4.01	4.10	4.83
6. Did written assignments contribute to what you learned	1	0	Õ	0	0	0	6	5.00	1/1504		4.37	4.05	4.29	5.00
7. Was the grading system clearly explained	1	0	0	0	0	0	6	5.00	1/1612		4.36	4.16	4.27	5.00
8. How many times was class cancelled	1	0	0	0	0	1	5	4.83	766/1635		4.78	4.65	4.81	4.83
9. How would you grade the overall teaching effectiveness	0	0	0	0	0	2	5	4.71	205/1579	4.71	4.24	4.08	4.17	4.71
Lecture														
1. Were the instructor's lectures well prepared	4	0	0	0	0	0	3	5.00	1/1518	5.00	4.51	4.43	4.49	5.00
2. Did the instructor seem interested in the subject	4	0	0	0	0	0	3	5.00	1/1520	5.00	4.85	4.70	4.79	5.00
3. Was lecture material presented and explained clearly	4	0	0	0	0	0	3	5.00	1/1517	5.00	4.41	4.27	4.32	5.00
4. Did the lectures contribute to what you learned	4	0	0	0	0	0	3	5.00	1/1550	5.00	4.34	4.22	4.23	5.00
5. Did audiovisual techniques enhance your understanding	4	0	0	0	0	2	1	4.33	398/1295	4.33	3.89	3.94	3.95	4.33
Discussion														
1. Did class discussions contribute to what you learned	0	0	0	0	0	0	7	5.00	1/1398		4.48	4.07	4.22	5.00
2. Were all students actively encouraged to participate	0	0	0	0	0	0	7	5.00	1/1391	5.00	4.64	4.30	4.47	5.00
3. Did the instructor encourage fair and open discussion	0	0	0	0	0	0	7	5.00	1/1388		4.61	4.28	4.49	5.00
4. Were special techniques successful	0	0	0	0	0	1	6	4.86	87/ 958	4.86	4.27	3.93	4.01	4.86
Laboratory														
1. Did the lab increase understanding of the material	5	0	0	0	0	0	2	5.00	1/ 224		5.00	4.10	4.43	5.00
2. Were you provided with adequate background information	5	0	0	0	0	0	2	5.00	1/ 240	5.00	5.00	4.11	3.96	5.00
3. Were necessary materials available for lab activities	5	0	0	0	0	0	2	5.00	1/ 219		5.00	4.44	4.23	5.00
4. Did the lab instructor provide assistance	5	0	0	0	0	0	2	5.00	1/ 215		5.00	4.35	4.72	5.00
5. Were requirements for lab reports clearly specified	5	0	0	0	0	0	2	5.00	1/ 198	5.00	5.00	4.18	4.74	5.00
Seminar														
1. Were assigned topics relevant to the announced theme	5	0	0	0	0	0	2	5.00	1/ 85	5.00	4.39	4.58	4.58	5.00
2. Was the instructor available for individual attention	5	0	0	0	0	1	1		47/ 82		4.53	4.52	4.74	4.50
3. Did research projects contribute to what you learned	5	0	0	0	0	0	2		1/ 78		4.34	4.47	4.52	5.00
4. Did presentations contribute to what you learned	5	0	0	0	0	0	2		1/ 80	5.00	4.25	4.47	4.50	5.00
5. Were criteria for grading made clear	5	0	0	0	0	0	2	5.00	1/ 82	5.00	4.35	4.16	4.37	5.00
Field Work														
1. Did field experience contribute to what you learned	5	0	0	0	0	1	1	4.50	28/ 52		4.60	4.04	3.64	4.50
2. Did you clearly understand your evaluation criteria	5	0	0	0	0	1	1		18/ 53		4.31	4.05	4.03	4.50
3. Was the instructor available for consultation	5	0	0	0	0	0	2	5.00	1/ 42		4.72	4.75	4.78	5.00
4. To what degree could you discuss your evaluations	5	0	0	0	0	2	0	4.00	31/ 37	4.00	4.42	4.58	4.33	4.00
5. Did conferences help you carry out field activities	5	1	0	0	0	0	1	5.00	****/ 32	* * * *	4.77	4.56	4.59	* * * *
Self Paced														
1. Did self-paced system contribute to what you learned	6	0	0	0	0	0	1		****/ 50	* * * *	3.67	4.45	4.39	* * * *
2. Did study questions make clear the expected goal	6	0	0	0	0	0	1	5.00	****/ 32	* * * *	4.00	4.51	4.50	* * * *
3. Were your contacts with the instructor helpful	6	0	0	0	0	0	1	5.00	****/ 43	* * * *	* * * *	4.69	4.61	* * * *
4. Was the feedback/tutoring by proctors helpful	6	0	0	0	0	0	1	5.00	****/ 32	****	* * * *	4.37	4.31	* * * *
5. Were there enough proctors for all the students	6	0	0	0	0	0	1	5.00	****/ 21	* * * *	* * * *	4.52	4.42	* * * *

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Student Course Evaluation Questionnaire

Credits Ea	arned	Cum. GPA		Expected	l Grades	Reasons		Туре		Majors	
00-27	1	0.00-0.99	0	А	5	Required for Majors	0	Graduate	4	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	7
84-150	0	3.00-3.49	0	D	0						
Grad.	4	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	5				
				?	0						

Student Course Evaluation Questionnaire

				-	ncies	3		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	2	12	4.86	214/1639	4.86	4.51	4.27	4.42	4.86
2. Did the instructor make clear the expected goals	0	0	0	0	0	3	11	4.79	220/1639	4.79	4.32	4.22	4.26	4.79
3. Did the exam questions reflect the expected goals	0	0	1	0	1	3		4.36	705/1397	4.36	4.58	4.28	4.37	4.36
4. Did other evaluations reflect the expected goals	0	0	0	0	1	3	10	4.64	339/1583	4.64	4.46	4.19	4.31	4.64
5. Did assigned readings contribute to what you learned	2	0	0	0	1	1	10	4.75	178/1532	4.75	4.00	4.01	4.10	4.75
6. Did written assignments contribute to what you learned	2	0	0	0	0	1	11	4.92	100/1504	4.92	4.37	4.05	4.29	4.92
7. Was the grading system clearly explained	2	0	0	0	0	2	10	4.83	150/1612	4.83	4.36	4.16	4.27	4.83
8. How many times was class cancelled	2	0	0	1	0	0	11	4.75	884/1635	4.75	4.78	4.65	4.81	4.75
9. How would you grade the overall teaching effectiveness	2	1	0	0	0	7	4	4.36	538/1579	4.36	4.24	4.08	4.17	4.36
Lecture														
1. Were the instructor's lectures well prepared	1	0	0	0	1	3	9	4.62	670/1518	4.62	4.51	4.43	4.49	4.62
2. Did the instructor seem interested in the subject	0	0	0	0	0	1	13	4.93	437/1520	4.93	4.85	4.70	4.79	4.93
3. Was lecture material presented and explained clearly	0	0	0	0	1	4	9	4.57	510/1517	4.57	4.41	4.27	4.32	4.57
4. Did the lectures contribute to what you learned	0	0	0	1	0	4	9	4.50	638/1550	4.50	4.34	4.22	4.23	4.50
5. Did audiovisual techniques enhance your understanding	0	0	0	1	4	4	5	3.93	709/1295	3.93	3.89	3.94	3.95	3.93
Discussion														
1. Did class discussions contribute to what you learned	0	0	0	0	0	2	11	4.79	234/1398	4.79	4.48	4.07	4.22	4.79
2. Were all students actively encouraged to participate	0	0	0	0	1	1	12^{11}	4.79	356/1391	4.79	4.64	4.30	4.47	4.79
3. Did the instructor encourage fair and open discussion	1	0	0	0	1	2	10	4.69	459/1388	4.69	4.61	4.28	4.49	4.69
4. Were special techniques successful	0	1	0	0	0	2	11	4.85	89/958	4.85	4.27	3.93	4.01	4.85
1. Were special commiques successful	0	-	0	0	0	2	T T	1.05	057 550	1.05	1.27	5.75	1.01	1.05
Seminar														
1. Were assigned topics relevant to the announced theme	13	0	0	0	0	0	1	5.00	****/ 85	* * * *	4.39	4.58	4.58	* * * *
2. Was the instructor available for individual attention	13	0	0	0	0	0	1	5.00	****/ 82	* * * *	4.53	4.52	4.74	* * * *
4. Did presentations contribute to what you learned	13	0	0	0	0	0	1	5.00	****/ 80	* * * *	4.25	4.47	4.50	* * * *
5. Were criteria for grading made clear	13	0	0	0	0	0	1	5.00	****/ 82	* * * *	4.35	4.16	4.37	* * * *
Field Work														
1. Did field experience contribute to what you learned	12	0	0	0	0	0	2		****/ 52	* * * *	4.60	4.04	3.64	* * * *
2. Did you clearly understand your evaluation criteria	12	0	0	0	0	1	1		****/ 53	* * * *	4.31	4.05	4.03	* * * *
3. Was the instructor available for consultation	12	0	0	0	1	0	1		****/ 42	* * * *	4.72	4.75	4.78	* * * *
4. To what degree could you discuss your evaluations	12	0	0	0	0	0	2	5.00	****/ 37	* * * *	4.42	4.58	4.33	* * * *

Credits Ea	arned	Cum. GPA		Expected	Grades	Reasons		Туре		Majors	
00-27	4	0.00-0.99	0	A	13	Required for Majors	0	Graduate	5	Major	12
28-55	0	1.00-1.99	0	В	1						
56-83	0	2.00-2.99	0	С	0	General	2	Under-grad	9	Non-major	2
84-150	0	3.00-3.49	0	D	0						
Grad.	5	3.50-4.00	3	F	0	Electives	0	#### - Means	there	are not enough	n
				P	0			responses to	be sig	gnificant	
				I	0	Other	13	-			
				?	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	1	0	0	0	0	2	4	4.67	430/1639	4.67	4.51	4.27	4.42	4.67
2. Did the instructor make clear the expected goals	1	0	0	0	0	2	4	4.67	349/1639	4.67	4.32	4.22	4.26	4.67
3. Did the exam questions reflect the expected goals	1	3	0	0	0	0	3	5.00	1/1397	5.00	4.58	4.28	4.37	5.00
4. Did other evaluations reflect the expected goals	1	0	0	0	0	1	5	4.83	173/1583	4.83	4.46	4.19	4.31	4.83
5. Did assigned readings contribute to what you learned	1	0	0	0	0	2	4	4.67	236/1532	4.67	4.00	4.01	4.10	4.67
6. Did written assignments contribute to what you learned	1	0	0	0	1	0	5	4.67	245/1504	4.67	4.37	4.05	4.29	4.67
7. Was the grading system clearly explained	1	0	0	0	1	1	4	4.50	490/1612	4.50	4.36	4.16	4.27	4.50
8. How many times was class cancelled	1	0	0	0	0	1	5	4.83	766/1635	4.83	4.78	4.65	4.81	4.83
9. How would you grade the overall teaching effectiveness	3	0	0	0	0	2	2	4.50	382/1579	4.50	4.24	4.08	4.17	4.50
Lecture														
1. Were the instructor's lectures well prepared	1	0	0	0	0	1	5	4.83	315/1518	4.83	4.51	4.43	4.49	4.83
2. Did the instructor seem interested in the subject	1	0	0	0	0	0	б	5.00	1/1520	5.00	4.85	4.70	4.79	5.00
3. Was lecture material presented and explained clearly	1	0	0	0	0	3	3	4.50	597/1517	4.50	4.41	4.27	4.32	4.50
4. Did the lectures contribute to what you learned	1	0	0	0	1	1	4	4.50	638/1550	4.50	4.34	4.22	4.23	4.50
5. Did audiovisual techniques enhance your understanding	1	0	0	1	0	3	2	4.00	623/1295	4.00	3.89	3.94	3.95	4.00
Discussion														
1. Did class discussions contribute to what you learned	1	0	Ο	1	1	0	4	4.17	695/1398	4.17	4.48	4.07	4.22	4.17
. Did class discussions contribute to what you learned . Were all students actively encouraged to participate		0	0	0	2	1	ד 2	4.17	887/1391	4.17	4.64	4.30	4.47	4.17
3. Did the instructor encourage fair and open discussion	1 1	0	0	0	2	1	2	4.17	887/1388		4.61	4.28	4.49	4.17
4. Were special techniques successful	1	0	0	1	0	2	2	4.17	399/ 958	4.17	4.27	3.93	4.01	4.17
. Here Special country bacessial	-	0	0	-	0	2	5	±•±/	555, 550	1.1/	1.2/	5.25	1.01	±•±/

Credits Ea	arned	Cum. GPA		Expected	d Grades	Reasons		Туре		Majors	
00-27	0	0.00-0.99	0	А	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	0	Under-grad	5	Non-major	7
84-150	0	3.00-3.49	0	D	0						
Grad.	2	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	4	_			
				?	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	615/1639	4.50	4.51	4.27	4.42	4.50
2. Did the instructor make clear the expected goals	0	0	0	1	0	1	0	3.00	1579/1639	3.00	4.32	4.22	4.26	3.00
4. Did other evaluations reflect the expected goals	0	0	0	1	0	0	1	3.50	1406/1583	3.50	4.46	4.19	4.31	3.50
5. Did assigned readings contribute to what you learned	0	0	0	0	0	2	0	4.00	774/1532	4.00	4.00	4.01	4.10	4.00
6. Did written assignments contribute to what you learned	0	0	0	0	0	2	0	4.00	824/1504	4.00	4.37	4.05	4.29	4.00
7. Was the grading system clearly explained	0	0	0	1	0	1	0	3.00	1519/1612	3.00	4.36	4.16	4.27	3.00
8. How many times was class cancelled	0	0	0	0	0	0	2	5.00	1/1635	5.00	4.78	4.65	4.81	5.00
Discussion														
1. Did class discussions contribute to what you learned	0	0	0	0	1	1	0	3.50	1106/1398	3.50	4.48	4.07	4.22	3.50
2. Were all students actively encouraged to participate	0	0	0	0	1	0	1	4.00	983/1391	4.00	4.64	4.30	4.47	4.00
3. Did the instructor encourage fair and open discussion	0	0	0	0	1	0	1	4.00	944/1388	4.00	4.61	4.28	4.49	4.00
4. Were special techniques successful	0	0	0	1	0	0	1	3.50	725/ 958	3.50	4.27	3.93	4.01	3.50

Credits	Earned	Cum. GPA		Expected	Grades	Reasons		Туре		Majors	
00-27	0	0.00-0.99	0	 А	0	Required for Majors	0	Graduate	1	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	1	Non-major	2
84-150	0	3.00-3.49	0	D	0						
Grad.	1	3.50-4.00	1	F	0	Electives	0	#### - Means	there	are not enough	
				P	0			responses to	be sig	nificant	
				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	3	5.00	1/1639	5.00	4.51	4.27	4.42	5.00
2. Did the instructor make clear the expected goals	0	0	0	0	2	0	1	3.67	1410/1639	3.67	4.32	4.22	4.26	3.67
4. Did other evaluations reflect the expected goals	0	0	0	0	0	2	1	4.33	697/1583	4.33	4.46	4.19	4.31	4.33
5. Did assigned readings contribute to what you learned	0	0	0	0	2	0	1	3.67	1136/1532	3.67	4.00	4.01	4.10	3.67
6. Did written assignments contribute to what you learned	0	0	0	0	0	2	1	4.33	544/1504	4.33	4.37	4.05	4.29	4.33
7. Was the grading system clearly explained	0	0	0	1	0	1	1	3.67	1327/1612	3.67	4.36	4.16	4.27	3.67
8. How many times was class cancelled	0	0	0	0	0	1	2	4.67	1001/1635	4.67	4.78	4.65	4.81	4.67
9. How would you grade the overall teaching effectiveness	1	0	0	0	0	1	1	4.50	382/1579	4.50	4.24	4.08	4.17	4.50
Lecture														
1. Were the instructor's lectures well prepared	0	0	0	0	1	0	2	4.33	1021/1518	4.33	4.51	4.43	4.49	4.33
2. Did the instructor seem interested in the subject	0	0	0	0	0	0	3	5.00	1/1520	5.00	4.85	4.70	4.79	5.00
3. Was lecture material presented and explained clearly	0	0	0	0	1	0	2	4.33	800/1517	4.33	4.41	4.27	4.32	4.33
4. Did the lectures contribute to what you learned	0	0	0	0	0	1	2	4.67	457/1550	4.67	4.34	4.22	4.23	4.67
5. Did audiovisual techniques enhance your understanding	0	0	0	0	1	0	2	4.33	398/1295	4.33	3.89	3.94	3.95	4.33
Discussion														
1. Did class discussions contribute to what you learned	1	0	0	0	0	1	1	4.50	426/1398	4.50	4.48	4.07	4.22	4.50
2. Were all students actively encouraged to participate	1	0	0	0	0	0	2	5.00	1/1391	5.00	4.64	4.30	4.47	5.00
3. Did the instructor encourage fair and open discussion	1	0	0	0	0	0	2	5.00	1/1388	5.00	4.61	4.28	4.49	5.00
4. Were special techniques successful	1	1	0	0	0	0	1	5.00	1/ 958	5.00	4.27	3.93	4.01	5.00

Credits E	arned	Cum. GPA		Expected	d Grades	Reasons		Туре		Majors	
00-27	2	0.00-0.99	1	A	2	Required for Majors	0	Graduate	1	Major	0
28-55	0	1.00-1.99	0	В	1						
56-83	0	2.00-2.99	0	C	0	General	0	Under-grad	2	Non-major	3
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	L
				P	0			responses to	be sig	gnificant	
				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	2	3	4.60	508/1639	4.60	4.51	4.27	4.42	4.60
2. Did the instructor make clear the expected goals	0	0	0	0	0	1	4	4.80	199/1639	4.80	4.32	4.22	4.26	4.80
3. Did the exam questions reflect the expected goals	0	3	0	0	0	0	2	5.00	1/1397	5.00	4.58	4.28	4.37	5.00
4. Did other evaluations reflect the expected goals	1	0	0	0	0	1	3	4.75	239/1583	4.75	4.46	4.19	4.31	4.75
5. Did assigned readings contribute to what you learned	0	1	0	0	1	3	0	3.75	1046/1532	3.75	4.00	4.01	4.10	3.75
6. Did written assignments contribute to what you learned	0	0	0	0	0	4	1	4.20	667/1504	4.20	4.37	4.05	4.29	4.20
7. Was the grading system clearly explained	0	0	0	1	0	2	2	4.00	1044/1612	4.00	4.36	4.16	4.27	4.00
8. How many times was class cancelled	0	0	0	0	0	3	2	4.40	1235/1635	4.40	4.78	4.65	4.81	4.40
9. How would you grade the overall teaching effectiveness	0	0	0	0	0	1	4	4.80	137/1579	4.80	4.24	4.08	4.17	4.80
Lecture														
1. Were the instructor's lectures well prepared	0	0	0	0	0	2	3	4.60	684/1518	4.60	4.51	4.43	4.49	4.60
2. Did the instructor seem interested in the subject	0	0	0	0	0	1	4	4.80	802/1520	4.80	4.85	4.70	4.79	4.80
3. Was lecture material presented and explained clearly	0	0	0	0	0	1	4	4.80	239/1517	4.80	4.41	4.27	4.32	4.80
4. Did the lectures contribute to what you learned	0	0	0	0	0	1	4	4.80	288/1550	4.80	4.34	4.22	4.23	4.80
5. Did audiovisual techniques enhance your understanding	1	0	1	0	0	0	3	4.00	623/1295		3.89	3.94	3.95	4.00
1									,					
Discussion														
1. Did class discussions contribute to what you learned	0	0	0	0	0	0	5	5.00	1/1398	5.00	4.48	4.07	4.22	5.00
2. Were all students actively encouraged to participate	0	0	0	0	0	0	5	5.00	1/1391	5.00	4.64	4.30	4.47	5.00
3. Did the instructor encourage fair and open discussion	0	0	0	0	0	1	4	4.80	328/1388	4.80	4.61	4.28	4.49	4.80
4. Were special techniques successful	0	0	0	1	0	1	3	4.20	380/ 958	4.20	4.27	3.93	4.01	4.20

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	1	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	4	Non-major	5
84-150	0	3.00-3.49	0	D	0						
Grad.	1	3.50-4.00	3	F	0	Electives	0	#### - Means	there	are not enough	1
				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	2	2	15	4.68	404/1639	4.68	4.51	4.27	4.42	4.68
2. Did the instructor make clear the expected goals	0	0	0	0	2	3	14	4.63	382/1639	4.63	4.32	4.22	4.26	4.63
3. Did the exam questions reflect the expected goals	0	0	0	1	0	4	14	4.63	392/1397	4.63	4.58	4.28	4.37	4.63
4. Did other evaluations reflect the expected goals	0	0	0	1	0	5	13	4.58	402/1583	4.58	4.46	4.19	4.31	4.58
5. Did assigned readings contribute to what you learned	0	0	0	1	2	3	13	4.47	366/1532	4.47	4.00	4.01	4.10	4.47
6. Did written assignments contribute to what you learned	0	0	0	2	0	3	14	4.53	351/1504	4.53	4.37	4.05	4.29	4.53
7. Was the grading system clearly explained	0	0	0	2	1	2	14	4.47	532/1612	4.47	4.36	4.16	4.27	4.47
8. How many times was class cancelled	0	0	0	0	0	0	19	5.00	1/1635	5.00	4.78	4.65	4.81	5.00
9. How would you grade the overall teaching effectiveness	4	0	0	0	0	5	10	4.67	241/1579	4.67	4.24	4.08	4.17	4.67
Lecture														
1. Were the instructor's lectures well prepared	0	0	0	0	1	1	17	4.84	301/1518	4.84	4.51	4.43	4.49	4.84
2. Did the instructor seem interested in the subject	0	0	0	0	0	3	16	4.84	699/1520	4.84	4.85	4.70	4.79	4.84
3. Was lecture material presented and explained clearly	0	0	0	0	1	5	13	4.63	439/1517	4.63	4.41	4.27	4.32	4.63
4. Did the lectures contribute to what you learned	0	0	0	0	1	6	12	4.58	556/1550	4.58	4.34	4.22	4.23	4.58
5. Did audiovisual techniques enhance your understanding	0	10	1	0	3	3	2	3.56	953/1295		3.89	3.94	3.95	3.56
5. Dia adarovibiar econniques enhance your anaciseanaring	0	ŦŬ	-	0	5	5	2	5.50	<i>JJJ</i> , <u>1</u> <i>JJ</i>	5.50	5.05	5.71	5.25	5.50
Discussion														
1. Did class discussions contribute to what you learned	1	0	0	0	3	5	10	4.39	525/1398	4.39	4.48	4.07	4.22	4.39
2. Were all students actively encouraged to participate	1	0	0	1	2	3	12	4.44	662/1391	4.44	4.64	4.30	4.47	4.44
3. Did the instructor encourage fair and open discussion	1	0	0	0	2	3	13	4.61	558/1388	4.61	4.61	4.28	4.49	4.61
4. Were special techniques successful	1	1	0	2	2	5	8	4.12	430/ 958	4.12	4.27	3.93	4.01	4.12

Credits E	Carned	Cum. GPA		Expecte	d Grades	Reasons		Туре		Majors	
00-27	2	0.00-0.99	0	А А	10	Required for Majors	0	Graduate	10	Major	17
28-55	0	1.00-1.99	0	В	3						
56-83	0	2.00-2.99	0	С	0	General	3	Under-grad	9	Non-major	2
84-150	0	3.00-3.49	0	D	0						
Grad.	10	3.50-4.00	5	F	0	Electives	0	#### - Means	there	are not enough	ı
				P	0			responses to	be sig	gnificant	
				I	0	Other	12				
				?	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	3	1	4.25	890/1639	4.25	4.51	4.27	4.42	4.25
2. Did the instructor make clear the expected goals	0	0	0	0	0	4	0	4.00	1090/1639	4.00	4.32	4.22	4.26	4.00
3. Did the exam questions reflect the expected goals	0	3	0	0	0	0	1	5.00	1/1397	5.00	4.58	4.28	4.37	5.00
4. Did other evaluations reflect the expected goals	0	0	0	0	0	2	2	4.50	476/1583	4.50	4.46	4.19	4.31	4.50
5. Did assigned readings contribute to what you learned	0	0	0	0	0	3	1	4.25	580/1532	4.25	4.00	4.01	4.10	4.25
6. Did written assignments contribute to what you learned	0	0	0	0	0	3	1	4.25	612/1504	4.25	4.37	4.05	4.29	4.25
7. Was the grading system clearly explained	0	0	0	0	0	0	4	5.00	1/1612	5.00	4.36	4.16	4.27	5.00
8. How many times was class cancelled	0	0	0	0	0	0	4	5.00	1/1635	5.00	4.78	4.65	4.81	5.00
9. How would you grade the overall teaching effectiveness	1	0	0	0	0	3	0	4.00	889/1579	4.00	4.24	4.08	4.17	4.00
Lecture														
1. Were the instructor's lectures well prepared	0	0	0	0	1	0	3	4.50	807/1518	4.50	4.51	4.43	4.49	4.50
2. Did the instructor seem interested in the subject	0	0	0	0	0	0	4	5.00	1/1520	5.00	4.85	4.70	4.79	5.00
3. Was lecture material presented and explained clearly	0	0	0	0	2	0	2	4.00	1083/1517	4.00	4.41	4.27	4.32	4.00
4. Did the lectures contribute to what you learned	0	0	0	0	0	2	2	4.50	638/1550	4.50	4.34	4.22	4.23	4.50
Discussion														
1. Did class discussions contribute to what you learned	0	0	0	0	0	0	4	5.00	1/1398	5.00	4.48	4.07	4.22	5.00
2. Were all students actively encouraged to participate	0	0	0	0	0	0	4	5.00	1/1391	5.00	4.64	4.30	4.47	5.00
3. Did the instructor encourage fair and open discussion	0	0	0	0	0	0	4	5.00	1/1388	5.00	4.61	4.28	4.49	5.00
4. Were special techniques successful	1	0	0	0	0	1	2	4.67	155/ 958	4.67	4.27	3.93	4.01	4.67
Seminar														
1. Were assigned topics relevant to the announced theme	3	0	0	0	0	1	0	4.00	69/ 85	4.00	4.39	4.58	4.58	4.00
2. Was the instructor available for individual attention	3	0	0	0	0	0	1	5.00	1/ 82	5.00	4.53	4.52	4.74	5.00
3. Did research projects contribute to what you learned	3	0	0	Ő	0	1	0	4.00	53/ 78	4.00	4.34	4.47	4.52	4.00
4. Did presentations contribute to what you learned	3	õ	0	0	0	1	0	4.00	58/ 80	4.00	4.25	4.47	4.50	4.00
5. Were criteria for grading made clear	3	0	0	0	0	0	1	5.00	1/ 82	5.00	4.35	4.16	4.37	5.00

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	1	Major	2
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.	1	3.50-4.00	0	F	0	Electives	0	#### - Means	there	are not enough	
				Р	0			responses to	be sig	gnificant	
				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	1	2	13	4.75	318/1639	4.75	4.51	4.27	4.42	4.75
2. Did the instructor make clear the expected goals	0	0	0	0	1	2	13	4.75	252/1639	4.75	4.32	4.22	4.26	4.75
3. Did the exam questions reflect the expected goals	0	0	0	0	1	2	13	4.75	282/1397	4.75	4.58	4.28	4.37	4.75
4. Did other evaluations reflect the expected goals	0	1	0	0	1	1	13	4.80	186/1583	4.80	4.46	4.19	4.31	4.80
5. Did assigned readings contribute to what you learned	0	0	0	0	1	2	13	4.75	178/1532	4.75	4.00	4.01	4.10	4.75
6. Did written assignments contribute to what you learned	0	0	0	1	0	3	12	4.63	275/1504	4.63	4.37	4.05	4.29	4.63
7. Was the grading system clearly explained	1	0	0	0	1	1	13	4.80	166/1612	4.80	4.36	4.16	4.27	4.80
8. How many times was class cancelled	0	0	0	0	0	2	14	4.88	706/1635	4.88	4.78	4.65	4.81	4.88
9. How would you grade the overall teaching effectiveness	5	2	0	0	1	3	5	4.44	450/1579	4.44	4.24	4.08	4.17	4.44
Lecture														
1. Were the instructor's lectures well prepared	2	0	0	1	0	2	11	4.64	629/1518	4.64	4.51	4.43	4.49	4.64
2. Did the instructor seem interested in the subject	2	0	0	0	0	1	13	4.93	437/1520	4.93	4.85	4.70	4.79	4.93
3. Was lecture material presented and explained clearly	1	0	0	0	1	3	11	4.67	405/1517	4.67	4.41	4.27	4.32	4.67
4. Did the lectures contribute to what you learned	0	1	1	0	1	2	11	4.47	690/1550	4.47	4.34	4.22	4.23	4.47
5. Did audiovisual techniques enhance your understanding	1	1	1	1	1	4	7	4.07	590/1295	4.07	3.89	3.94	3.95	4.07
Discussion														
1. Did class discussions contribute to what you learned	0	0	0	0	1	5	10	4.56	391/1398	4.56	4.48	4.07	4.22	4.56
2. Were all students actively encouraged to participate	0	0	1	0	1	4	10	4.38	719/1391	4.38	4.64	4.30	4.47	4.38
3. Did the instructor encourage fair and open discussion	0	0	0	1	1	3	11	4.50	647/1388	4.50	4.61	4.28	4.49	4.50
4. Were special techniques successful	0	5	0	0	2	2	7	4.45	234/ 958	4.45	4.27	3.93	4.01	4.45

Credits Ea	arned	Cum. GPA	L	Expecte	d Grades	Reasons		Туре		Majors	
00-27	4	0.00-0.99	1	А А	12	Required for Majors	0	Graduate	8	Major	11
28-55	0	1.00-1.99	0	В	2						
56-83	0	2.00-2.99	0	С	0	General	3	Under-grad	8	Non-major	5
84-150	0	3.00-3.49	1	D	0						
Grad.	8	3.50-4.00	5	F	0	Electives	0	#### - Means	there	are not enoug	h
				P	0			responses to	be sig	gnificant	
				I	0	Other	11				
				?	0						

Student Course Evaluation Questionnaire

	Ouestions	NR	NT 71	Fre 1	equer 2	ncies 3	3	5	Ins† Mean	ructor Rank	Course	Dept Mean	UMBC Mean	Level Mean	Sect Mean
	Questions			⊥ 			4 			Ralik		Mean	Mean		Mean
	General														
1.	Did you gain new insights, skills from this course	3	0	2	2	4	1	8	3.65	1428/1639	3.65	4.51	4.27	4.42	3.65
	Did the instructor make clear the expected goals	3	0	3	2	3	3	6	3.41	1517/1639	3.41	4.32	4.22	4.26	3.41
3.	Did the exam questions reflect the expected goals	4	12	0	0	0	0	4	5.00	****/1397	* * * *	4.58	4.28	4.37	* * * *
4.	Did other evaluations reflect the expected goals	3	0	3	0	4	3	7	3.65	1338/1583	3.65	4.46	4.19	4.31	3.65
5.	Did assigned readings contribute to what you learned	4	0	1	2	5	1	7	3.69	1120/1532	3.69	4.00	4.01	4.10	3.69
6.	Did written assignments contribute to what you learned	3	1	2	3	1	4	6	3.56	1177/1504	3.56	4.37	4.05	4.29	3.56
7.	Was the grading system clearly explained	3	0	5	1	4	2	5	3.06	1515/1612	3.06	4.36	4.16	4.27	3.06
8.	How many times was class cancelled	3	0	0	0	4	4	9	4.29	1318/1635	4.29	4.78	4.65	4.81	4.29
9.	How would you grade the overall teaching effectiveness	7	0	0	2	3	4	4	3.77	1163/1579	3.77	4.24	4.08	4.17	3.77
	Lecture														
	Were the instructor's lectures well prepared	9	0	1	2	3	1	4		1430/1518		4.51		4.49	3.45
	Did the instructor seem interested in the subject	10	0	1	0	0	1	8		1188/1520	4.50	4.85	4.70	4.79	4.50
	Was lecture material presented and explained clearly	10	0	1	0	5	0	4		1310/1517	3.60	4.41	4.27	4.32	3.60
	Did the lectures contribute to what you learned	10	0	1	3	2	1	3		1411/1550	3.20	4.34	4.22		3.20
5.	Did audiovisual techniques enhance your understanding	10	3	1	1	2	1	2	3.29	1089/1295	3.29	3.89	3.94	3.95	3.29
1	Discussion	4	0	1	1	2	2	0	4 0 0	770 /1200	4 0 0	4 4 0	4 07	4 0 0	4 0 0
	Did class discussions contribute to what you learned	4	0 0	1 0	1 0	3	3	8 12	4.00 4.56	770/1398 572/1391	4.00 4.56	4.48 4.64	4.07 4.30	4.22	4.00 4.56
	Were all students actively encouraged to participate Did the instructor encourage fair and open discussion	4	0	0	0	3	4	12	4.50	546/1388	4.50	4.64	4.30	4.47	4.50
	Were special techniques successful	4 4	1	0	1	⊥ 2	4	9	4.63	307/958		4.61	4.28 3.93		4.63
4.	were special techniques successiul	4	T	U	Ŧ	2	2	9	4.33	307/ 950	4.33	4.2/	5.95	4.01	4.33
	Seminar														
1	Were assigned topics relevant to the announced theme	11	0	1	0	5	1	2	3.33	81/ 85	3.33	4.39	4.58	4.58	3.33
	Was the instructor available for individual attention	12	0	0	0	1	4	3	4.25	65/ 82	4.25	4.53	4.52	4.74	4.25
	Did research projects contribute to what you learned	11	0	1	0	4	2	2	3.44	72/ 78	3.44	4.34	4.47	4.52	3.44
	Did presentations contribute to what you learned	11	0	1	1	2	3	2	3.44	74/ 80	3.44		4.47		3.44
	Were criteria for grading made clear	11	0	3	1	2	3	0	2.56	77/ 82		4.35	4.16		2.56
5.	Nord orrodrig for grading made orodr		0	5	-	-	5	0	2.50		2.50	1.00		1.07	2.50
	Field Work														
1.	Did field experience contribute to what you learned	19	0	0	0	0	0	1	5.00	****/ 52	* * * *	4.60	4.04	3.64	* * * *
2.	Did you clearly understand your evaluation criteria	19	0	0	0	0	0	1	5.00	****/ 53	* * * *	4.31	4.05	4.03	* * * *
3.	Was the instructor available for consultation	19	0	0	0	0	0	1	5.00	****/ 42	* * * *	4.72	4.75	4.78	* * * *
4.	To what degree could you discuss your evaluations	19	0	0	0	0	0	1	5.00	****/ 37	* * * *	4.42	4.58	4.33	* * * *

Credits E	larned	Cum. GPA		Expected	d Grades	Reasons		Туре		Majors	
00-27	8	0.00-0.99	2	А А	10	Required for Majors	0	Graduate	4	Major	1
28-55	0	1.00-1.99	0	В	1						
56-83	0	2.00-2.99	0	С	0	General	0	Under-grad	16	Non-major	19
84-150	0	3.00-3.49	0	D	0						
Grad.	4	3.50-4.00	4	F	0	Electives	0	#### - Means	there	are not enough	n
				P	0			responses to	be sig	gnificant	
				I	0	Other	11	_			
				?	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	2	4	4.67	430/1639	4.67	4.51	4.27	4.42	4.67
2. Did the instructor make clear the expected goals	0	0	0	0	0	1	5	4.83	177/1639	4.83	4.32	4.22	4.26	4.83
4. Did other evaluations reflect the expected goals	0	0	0	0	0	2	4	4.67	323/1583	4.67	4.46	4.19	4.31	4.67
5. Did assigned readings contribute to what you learned	0	0	0	0	2	1	3	4.17	655/1532	4.17	4.00	4.01	4.10	4.17
6. Did written assignments contribute to what you learned	0	0	0	0	0	1	5	4.83	138/1504	4.83	4.37	4.05	4.29	4.83
7. Was the grading system clearly explained	0	0	0	0	0	1	5	4.83	150/1612	4.83	4.36	4.16	4.27	4.83
8. How many times was class cancelled	0	0	0	0	0	0	6	5.00	1/1635	5.00	4.78	4.65	4.81	5.00
9. How would you grade the overall teaching effectiveness	2	0	0	0	0	2	2	4.50	382/1579	4.50	4.24	4.08	4.17	4.50
Lecture														
1. Were the instructor's lectures well prepared	0	0	0	0	0	1	5	4.83	315/1518	4.83	4.51	4.43	4.49	4.83
2. Did the instructor seem interested in the subject	0	0	0	0	0	0	б	5.00	1/1520	5.00	4.85	4.70	4.79	5.00
3. Was lecture material presented and explained clearly	1	0	0	0	0	1	4	4.80	239/1517	4.80	4.41	4.27	4.32	4.80
4. Did the lectures contribute to what you learned	0	0	0	0	0	0	б	5.00	1/1550	5.00	4.34	4.22	4.23	5.00
5. Did audiovisual techniques enhance your understanding	0	2	0	0	1	1	2	4.25	459/1295	4.25	3.89	3.94	3.95	4.25
Discussion														
1. Did class discussions contribute to what you learned	0	0	0	0	0	1	5	4.83	200/1398	4.83	4.48	4.07	4.22	4.83
2. Were all students actively encouraged to participate	0	0	0	0	0	2	4	4.67	489/1391	4.67	4.64	4.30	4.47	4.67
3. Did the instructor encourage fair and open discussion	0	0	0	0	0	1	5	4.83	296/1388	4.83	4.61	4.28	4.49	4.83
4. Were special techniques successful	0	1	0	0	0	1	4	4.80	99/ 958	4.80	4.27	3.93	4.01	4.80

Credits H	Earned	Cum. GPA		Expected	d Grades	Reasons		Туре		Majors	
00-27	1	0.00-0.99	0	A	6	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	1	C	0	General	0	Under-grad	3	Non-major	6
84-150	0	3.00-3.49	0	D	0						
Grad.	3	3.50-4.00	4	F	0	Electives	0	#### - Means	there	are not enough	
				Р	0			responses to	be sig	gnificant	
				I	0	Other	6				
				?	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	1	0	1	5	5	4.08	1082/1639	4.08	4.51	4.27	4.42	4.08
2. Did the instructor make clear the expected goals	0	0	0	0	2	3	8	4.46	583/1639	4.46	4.32	4.22	4.26	4.46
3. Did the exam questions reflect the expected goals	0	9	0	0	0	1	3	4.75	282/1397	4.75	4.58	4.28	4.37	4.75
4. Did other evaluations reflect the expected goals	0	0	0	1	1	3	8	4.38	625/1583	4.38	4.46	4.19	4.31	4.38
5. Did assigned readings contribute to what you learned	0	2	1	1	2	3	4	3.73	1081/1532	3.73	4.00	4.01	4.10	3.73
6. Did written assignments contribute to what you learned	0	0	1	0	3	1	8	4.15	713/1504	4.15	4.37	4.05	4.29	4.15
7. Was the grading system clearly explained	0	0	0	0	1	1	11	4.77	207/1612	4.77	4.36	4.16	4.27	4.77
8. How many times was class cancelled	0	0	0	0	0	6	7	4.54	1114/1635	4.54	4.78	4.65	4.81	4.54
9. How would you grade the overall teaching effectiveness	5	1	0	0	1	2	4	4.43	473/1579	4.43	4.24	4.08	4.17	4.43
Lecture														
1. Were the instructor's lectures well prepared	1	0	0	0	1	1	10	4.75	454/1518	4.75	4.51	4.43	4.49	4.75
2. Did the instructor seem interested in the subject	1	0	0	0	0	0	12	5.00	1/1520	5.00	4.85	4.70	4.79	5.00
3. Was lecture material presented and explained clearly	1	0	0	0	0	1	11	4.92	141/1517	4.92	4.41	4.27	4.32	4.92
4. Did the lectures contribute to what you learned	1	0	0	1	0	0	11	4.75	351/1550	4.75	4.34	4.22	4.23	4.75
5. Did audiovisual techniques enhance your understanding	1	0	1	1	1	1	8	4.17	529/1295	4.17	3.89	3.94		4.17
Discussion														
1. Did class discussions contribute to what you learned	1	0	0	0	3	2	7	4.33	560/1398	4.33	4.48	4.07	4.22	4.33
Were all students actively encouraged to participate	1	0	0	0	1	1	10	4.75	393/1391	4.75	4.64	4.30	4.47	4.75
3. Did the instructor encourage fair and open discussion	1	0	0	0	2	1	9	4.58	586/1388	4.58	4.61	4.28	4.49	4.58
4. Were special techniques successful	2	3	0	1	2	0	5	4.13	424/ 958	4.13	4.27	3.93	4.01	4.13
Field Work														
1. Did field experience contribute to what you learned	12	0	0	0	0	0	1	5.00	****/ 52	* * * *	4.60	4.04	3.64	* * * *
2. Did you clearly understand your evaluation criteria	12	0	0	0	0	0	1	5.00	****/ 53	* * * *	4.31	4.05	4.03	* * * *
3. Was the instructor available for consultation	12	0	0	0	0	0	1	5.00	****/ 42	* * * *	4.72	4.75	4.78	* * * *
5. Did conferences help you carry out field activities	12	0	0	0	0	0	1	5.00	****/ 32	* * * *	4.77	4.56	4.59	* * * *

Credits E	larned	Cum. GPA		Expected	Grades	Reasons		Туре		Majors	
00-27	0	0.00-0.99	1	A 1	LO	Required for Majors	0	Graduate	10	Major	0
28-55	1	1.00-1.99	0	В	2						
56-83	0	2.00-2.99	0	С	0	General	0	Under-grad	3	Non-major	13
84-150	0	3.00-3.49	1	D	0						
Grad.	10	3.50-4.00	9	F	0	Electives	0	#### - Means	there	are not enough	ı
				P	0			responses to	be sig	gnificant	
				I	0	Other	12				
				?	0						

Student Course Evaluation Questionnaire

	Frequencies NR NA 1 2 3 4							Inst	ructor	Course	Dept	UMBC	Level	Sect
Questions	NR	NA	1	2	3	4	5	Mean	Rank		Mean	Mean	Mean	Mean
General														
1. Did you gain new insights,skills from this course	0	0	0	0	0	1	1	4.50	615/1639	4.50	4.51	4.27	4.42	4.50
2. Did the instructor make clear the expected goals	0	0	0	0	0	1	1	4.50	517/1639	4.50	4.32	4.22	4.26	4.50
4. Did other evaluations reflect the expected goals	0	0	0	0	0	1	1	4.50	476/1583	4.50	4.46	4.19	4.31	4.50
5. Did assigned readings contribute to what you learned	0	0	0	0	1	0	1	4.00	774/1532	4.00	4.00	4.01	4.10	4.00
6. Did written assignments contribute to what you learned	0	0	0	0	0	1	1	4.50	367/1504	4.50	4.37	4.05	4.29	4.50
7. Was the grading system clearly explained	0	0	0	0	0	1	1	4.50	490/1612	4.50	4.36	4.16	4.27	4.50
8. How many times was class cancelled	0	0	0	0	0	1	1	4.50	1135/1635	4.50	4.78	4.65	4.81	4.50
9. How would you grade the overall teaching effectiveness	0	0	0	0	1	1	0	3.50	1318/1579	3.50	4.24	4.08	4.17	3.50
Lecture														
1. Were the instructor's lectures well prepared	0	0	0	0	0	0	2	5.00	1/1518	5.00	4.51	4.43	4.49	5.00
2. Did the instructor seem interested in the subject	0	0	0	0	0	0	2	5.00	1/1520	5.00	4.85	4.70	4.79	5.00
3. Was lecture material presented and explained clearly	0	0	0	0	1	0	1	4.00	1083/1517	4.00	4.41	4.27	4.32	4.00
4. Did the lectures contribute to what you learned	0	0	0	0	0	1	1	4.50	638/1550	4.50	4.34	4.22	4.23	4.50
5. Did audiovisual techniques enhance your understanding	0	0	1	0	0	0	1	3.00	1158/1295	3.00	3.89	3.94	3.95	3.00
Discussion														
1. Did class discussions contribute to what you learned	0	0	0	0	0	1	1	4.50	426/1398	4.50	4.48	4.07	4.22	4.50
2. Were all students actively encouraged to participate	0	0	0	0	0	1	1	4.50	616/1391	4.50	4.64	4.30	4.47	4.50
3. Did the instructor encourage fair and open discussion	0	0	0	0	0	1	1	4.50	647/1388	4.50	4.61	4.28	4.49	4.50
4. Were special techniques successful	0	1	0	0	0	0	1	5.00	1/ 958		4.27	3.93	4.01	5.00

Credits E	larned	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	C	0	General	0	Under-grad	0	Non-major	2
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	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	0	0	4	5.00	1/1639	5.00	4.51	4.27	4.42	5.00
2. Did the instructor make clear the expected goals	1	0	0	0	0	0	4	5.00	1/1639	5.00	4.32	4.22	4.26	5.00
3. Did the exam questions reflect the expected goals	1	0	0	0	0	1	3	4.75	282/1397	4.75	4.58	4.28	4.37	4.75
4. Did other evaluations reflect the expected goals	1	0	0	0	0	1	3	4.75	239/1583	4.75	4.46	4.19	4.31	4.75
5. Did assigned readings contribute to what you learned	1	0	0	0	0	0	4	5.00	1/1532	5.00	4.00	4.01	4.10	5.00
6. Did written assignments contribute to what you learned	1	0	0	0	0	1	3	4.75	182/1504	4.75	4.37	4.05	4.29	4.75
7. Was the grading system clearly explained	1	0	0	0	0	1	3	4.75	218/1612	4.75	4.36	4.16	4.27	4.75
8. How many times was class cancelled	1	0	0	0	0	1	3	4.75	884/1635	4.75	4.78	4.65	4.81	4.75
9. How would you grade the overall teaching effectiveness	2	0	0	0	0	2	1	4.33	569/1579	4.33	4.24	4.08	4.17	4.33
Lecture														
1. Were the instructor's lectures well prepared	2	0	0	0	0	0	3	5.00	1/1518	5.00	4.51	4.43	4.49	5.00
2. Did the instructor seem interested in the subject	2	0	0	0	0	0	3	5.00	1/1520	5.00	4.85	4.70	4.79	5.00
3. Was lecture material presented and explained clearly	2	0	0	0	0	0	3	5.00	1/1517	5.00	4.41	4.27	4.32	5.00
4. Did the lectures contribute to what you learned	2	0	0	0	0	0	3	5.00	1/1550	5.00	4.34	4.22	4.23	5.00
5. Did audiovisual techniques enhance your understanding	2	0	0	0	0	1	2	4.67	185/1295	4.67	3.89	3.94	3.95	4.67
Discussion														
1. Did class discussions contribute to what you learned	2	0	0	0	0	0	З	5.00	1/1398	5.00	4.48	4.07	4.22	5.00
2. Were all students actively encouraged to participate	2	0	0	0	0	0	3	5.00	1/1391	5.00	4.64	4.30	4.47	5.00
3. Did the instructor encourage fair and open discussion	2	0	0	0	0	0	3	5.00	1/1388	5.00	4.61	4.28	4.49	5.00
4. Were special techniques successful	2	0	ñ	0	0	0	2	5.00	1/ 958	5.00	4.27	3.93	4.01	5.00
Here Special countrates successful	2	0	0	0	0	0	5	5.00	1/ 200	5.00	1.2/	5.25	1.01	5.00

Credits Ea	arned	Cum. GPA	L	Expected	d Grades	Reasons		Туре		Majors	
00-27	0	0.00-0.99	0	А	3	Required for Majors	0	Graduate	2	Major	0
28-55	1	1.00-1.99	0	В	1						
56-83	0	2.00-2.99	0	C	0	General	0	Under-grad	3	Non-major	5
84-150	0	3.00-3.49	0	D	0						
Grad.	2	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	4				
				?	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	2	4	4.67	430/1639	4.67	4.51	4.27	4.42	4.67
2. Did the instructor make clear the expected goals	0	0	0	0	0	2	4	4.67	349/1639	4.67	4.32	4.22	4.26	4.67
3. Did the exam questions reflect the expected goals	0	4	0	0	0	0	2	5.00	1/1397	5.00	4.58	4.28	4.37	5.00
4. Did other evaluations reflect the expected goals	1	1	0	0	0	0	4	5.00	1/1583	5.00	4.46	4.19	4.31	5.00
5. Did assigned readings contribute to what you learned	0	0	0	0	0	2	4	4.67	236/1532	4.67	4.00	4.01	4.10	4.67
6. Did written assignments contribute to what you learned	0	0	0	0	1	1	4	4.50	367/1504	4.50	4.37	4.05	4.29	4.50
7. Was the grading system clearly explained	0	0	0	0	0	0	6	5.00	1/1612	5.00	4.36	4.16	4.27	5.00
8. How many times was class cancelled	0	0	0	0	0	0	6	5.00	1/1635	5.00	4.78	4.65	4.81	5.00
9. How would you grade the overall teaching effectiveness	2	0	0	0	0	1	3	4.75	175/1579	4.75	4.24	4.08	4.17	4.75
Lecture														
1. Were the instructor's lectures well prepared	0	0	0	0	0	0	6	5.00	1/1518	5.00	4.51	4.43	4.49	5.00
2. Did the instructor seem interested in the subject	0	0	0	0	0	0	6	5.00	1/1520	5.00	4.85	4.70	4.79	5.00
3. Was lecture material presented and explained clearly	0	0	0	0	0	0	б	5.00	1/1517	5.00	4.41	4.27	4.32	5.00
4. Did the lectures contribute to what you learned	0	0	0	0	0	1	5	4.83	253/1550	4.83	4.34	4.22	4.23	4.83
5. Did audiovisual techniques enhance your understanding	0	0	0	0	0	4	2	4.33	398/1295	4.33	3.89	3.94	3.95	4.33
Discussion														
1. Did class discussions contribute to what you learned	0	0	0	0	0	1	5	4.83	200/1398	4.83	4.48	4.07	4.22	4.83
2. Were all students actively encouraged to participate	Ő	0	0	Ő	0	0	6	5.00	1/1391	5.00	4.64	4.30	4.47	5.00
3. Did the instructor encourage fair and open discussion	Ő	0	0	Ő	0	0	6	5.00	1/1388	5.00	4.61	4.28	4.49	5.00
4. Were special techniques successful	0	0	0	0	0	0	6	5.00	1/ 958	5.00	4.27	3.93	4.01	5.00

Credits Ea	arned	Cum. GPA		Expected	d Grades	Reasons		Туре		Majors	
00-27	2	0.00-0.99	0	 А	5	Required for Majors	0	Graduate	4	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	2	Non-major	6
84-150	0	3.00-3.49	0	D	0						
Grad.	4	3.50-4.00	2	F	0	Electives	0	#### - Means	there	are not enough	L
				P	0			responses to	be sig	gnificant	
				I	0	Other	5				
				?	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	0	0	0	0	0	4	7	4.64	469/1639	4.64	4.51	4.27	4.42	4.64
2. Did the instructor make clear the expected goals	0	0	0	0	4	2	5	4.09	1021/1639	4.09	4.32	4.22	4.26	4.09
3. Did the exam questions reflect the expected goals	0	6	0	0	0	2	3	4.60	417/1397	4.60	4.58	4.28	4.37	4.60
4. Did other evaluations reflect the expected goals	0	0	0	0	2	3	б	4.36	654/1583	4.36	4.46	4.19	4.31	4.36
5. Did assigned readings contribute to what you learned	1	0	0	1	0	3	6	4.40	441/1532	4.40	4.00	4.01	4.10	4.40
6. Did written assignments contribute to what you learned	1	0	0	0	0	5	5	4.50	367/1504	4.50	4.37	4.05	4.29	4.50
7. Was the grading system clearly explained	1	0	0	1	1	4	4	4.10	976/1612	4.10	4.36	4.16	4.27	4.10
8. How many times was class cancelled	1	0	0	0	0	8	2	4.20	1396/1635	4.20	4.78	4.65	4.81	4.20
9. How would you grade the overall teaching effectiveness	1	1	0	0	0	4	5	4.56	332/1579	4.56	4.24	4.08	4.17	4.56
Lecture														
1. Were the instructor's lectures well prepared	1	0	0	0	1	2	7	4.60	684/1518	4.60	4.51	4.43	4.49	4.60
2. Did the instructor seem interested in the subject	1	0	0	0	0 0	0	10	5.00	1/1520	5.00	4.85	4.70	4.79	5.00
3. Was lecture material presented and explained clearly	1	Ő	0	0	2	1	- 0	4.50	597/1517	4.50	4.41	4.27	4.32	4.50
4. Did the lectures contribute to what you learned	1	0	0	0	1	4	5	4.40	769/1550	4.40	4.34	4.22	4.23	4.40
5. Did audiovisual techniques enhance your understanding	2	3	0	0	2	2	2	4.00	623/1295	4.00	3.89	3.94	3.95	4.00
Discussion	0	0	~	~	~	2	0	4 5 2	205 /1200	4 7 2	4 4 0	4 07	4 00	4 7 2
1. Did class discussions contribute to what you learned 2. Were all students actively encouraged to participate	0	0 0	0 0	0 0	0	3 0	8 11	4.73	285/1398 1/1391	4.73 5.00	4.48 4.64	4.07 4.30	4.22 4.47	4.73 5.00
3. Did the instructor encourage fair and open discussion	1	0	0	1	0	0	9	4.70	459/1388	5.00 4.70	4.64	4.30	4.47	4.70
4. Were special techniques successful	0	2	0	0	0	2	9	4.70	111/ 958		4.81		4.49	
4. Were special cechniques succession	0	2	0	0	0	2	/	4.70	111/ 958	4.70	4.27	3.95	4.01	4.70
Seminar														
1. Were assigned topics relevant to the announced theme	10	0	0	0	0	0	1	5.00	****/ 85	* * * *	4.39	4.58	4.58	* * * *
2. Was the instructor available for individual attention	10	0	0	0	0	0	1	5.00	****/ 82	* * * *	4.53	4.52	4.74	* * * *
3. Did research projects contribute to what you learned	10	0	0	0	0	0	1	5.00	****/ 78	* * * *	4.34	4.47	4.52	* * * *
4. Did presentations contribute to what you learned	10	0	0	0	0	0	1	5.00	****/ 80	* * * *	4.25	4.47	4.50	* * * *
5. Were criteria for grading made clear	10	0	0	0	0	0	1	5.00	****/ 82	* * * *	4.35	4.16	4.37	* * * *
Field Work														
1. Did field experience contribute to what you learned	10	0	0	0	0	0	1	F 00	****/ 52	* * * *	4.60	4.04	3.64	* * * *
2. Did you clearly understand your evaluation criteria	10	0	0	0	0	0	1		****/ 53	* * * *	4.31	4.04	4.03	* * * *
3. Was the instructor available for consultation	10	0	0	0	0	0	1		****/ 42	* * * *	4.72	4.75	4.78	* * * *
4. To what degree could you discuss your evaluations	10	0	0	0	0	0	1		****/ 37	* * * *	4.42	4.58	4.33	* * * *
5. Did conferences help you carry out field activities	10	0	0	0	0	0	1		****/ 32		4.42	4.58	4.59	* * * *
5. Fig conferences help you carry out field activities	τU	0	0	0	U	0	-	5.00	, 52		1. / /	1.50	1.55	

Credits Ea	arned	Cum. GPA		Expected	Grades	Reasons		Туре		Majors	
00-27	2	0.00-0.99	1	 А	7	Required for Majors	0	Graduate	4	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	7	Non-major	11
84-150	0	3.00-3.49	1	D	0						
Grad.	4	3.50-4.00	5	F	0	Electives	0	#### - Means	there	are not enough	n
				P	0			responses to	be sig	gnificant	
				I	0	Other	9	-			
				?	0						

Student Course Evaluation Questionnaire

			Fr	eque	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	1	2	5	7	4 13	1042/1639	4.13	4.51	4.27	4.42	4.13
2. Did the instructor make clear the expected goals	0	0	0	0	5	5	6		1044/1639		4.32	4.22	4.26	4.06
3. Did the exam questions reflect the expected goals	0	12	0	0	1	2	1	4.00	973/1397	4.00	4.58	4.28	4.37	4.00
4. Did other evaluations reflect the expected goals	0	12	0	0	5	2		4.19	862/1583		4.46	4.19	4.31	4.19
5. Did assigned readings contribute to what you learned	0	0	1	1	3	5	0 6	3.88	934/1532		4.40	4.19	4.10	3.88
6. Did written assignments contribute to what you learned	0	0	0	0	2	5	0	4.44	453/1504		4.00	4.01	4.10	3.00 4.44
3	0	0	0	0	2	5	9	4.44	453/1504 589/1612		4.37		4.29	4.44
7. Was the grading system clearly explained	-	0	0	0	∠ 0	5 1	9 15	4.44	463/1635			4.16 4.65	4.2/	
8. How many times was class cancelled	0	0	0	0	5	Ţ	12				4.78			4.94
9. How would you grade the overall teaching effectiveness	3	0	0	0	5	6	2	3.77	1163/1579	3.77	4.24	4.08	4.17	3.77
Lecture														
1. Were the instructor's lectures well prepared	0	0	0	0	1	8	7	4.38	978/1518	4.38	4.51	4.43	4.49	4.38
2. Did the instructor seem interested in the subject	Ő	Ő	0	0	2	1	13		1006/1520		4.85	4.70	4.79	4.69
3. Was lecture material presented and explained clearly	0	0	0	0	3	7	6	4.19	956/1517	4.19	4.41	4.27	4.32	4.19
4. Did the lectures contribute to what you learned	0	0	0	1	4	7	4		1177/1550		4.34	4.22	4.23	3.88
5. Did audiovisual techniques enhance your understanding	0	0	0	1	3	,	8	4.19	513/1295		3.89	3.94	3.95	4.19
5. Did addiovisual techniques enhance your understanding	0	0	0	Т	3	4	0	4.19	513/1295	4.19	3.09	3.94	3.95	4.19
Discussion														
1. Did class discussions contribute to what you learned	0	0	0	2	1	7	6	4.06	749/1398	4.06	4.48	4.07	4.22	4.06
2. Were all students actively encouraged to participate	0	0	0	0	1	7	8	4.44	670/1391	4.44	4.64	4.30	4.47	4.44
3. Did the instructor encourage fair and open discussion	0	0	0	1	1	7	7	4.25	834/1388		4.61	4.28	4.49	4.25
4. Were special techniques successful	Ő	1	0	1	5	5	4	3.80	577/ 958		4.27	3.93	4.01	3.80
1. Here Spectar coomingads Saccessian	0	-	Ũ	-	5	0	-	5.00	5, 556	5.00		0.00	1.01	5.00
Seminar														
1. Were assigned topics relevant to the announced theme	15	0	0	0	0	1	0	4.00	****/ 85	* * * *	4.39	4.58	4.58	* * * *
									,					

Credits E	arned	Cum. GPA	1	Expecte	d Grades	Reasons		Туре		Majors	
00-27	5	0.00-0.99	0	A	15	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	0	General	1	Under-grad	11	Non-major	16
84-150	0	3.00-3.49	0	D	0						
Grad.	5	3.50-4.00	7	F	0	Electives	0	#### - Means	there	are not enough	n
				P	0			responses to	be si	gnificant	
				I	0	Other	13				
				?	0						

Student Course Evaluation Questionnaire

			Fre	equer	ncies	3		Inst	tructor	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	615/1639	4.50	4.51	4.27	4.42	4.50
2. Did the instructor make clear the expected goals	1	0	1	0	2	3	1	3.43	1513/1639	3.43	4.32	4.22	4.26	3.43
3. Did the exam questions reflect the expected goals	0	3	0	0	1	1	3	4.40	661/1397	4.40	4.58	4.28	4.37	4.40
4. Did other evaluations reflect the expected goals	0	1	0	0	1	3	3	4.29	761/1583	4.29	4.46	4.19	4.31	4.29
5. Did assigned readings contribute to what you learned	0	2	0	2	1	0	3	3.67	1136/1532	3.67	4.00	4.01	4.10	3.67
6. Did written assignments contribute to what you learned	0	2	1	0	1	3	1	3.50	1212/1504	3.50	4.37	4.05	4.29	3.50
7. Was the grading system clearly explained	0	0	0	0	0	0	8	5.00	1/1612	5.00	4.36	4.16	4.27	5.00
8. How many times was class cancelled	0	0	0	0	0	0	8	5.00	1/1635	5.00	4.78	4.65	4.81	5.00
9. How would you grade the overall teaching effectiveness	0	0	0	0	4	3	1	3.63	1257/1579	3.56	4.24	4.08	4.17	3.56
Lecture														
1. Were the instructor's lectures well prepared	1	0	1	1	0	1	4	3 86	1334/1518	3.86	4.51	4.43	4.49	3.86
2. Did the instructor seem interested in the subject	1	0	0	0	0	1	6	4.86	674/1520		4.85	4.70	4.79	4.86
3. Was lecture material presented and explained clearly	2	0	1	2	Ő	1	2		1439/1517	3.17	4.41	4.27	4.32	3.17
4. Did the lectures contribute to what you learned	1	0	3	0	0	2	2		1440/1550	3.00	4.34	4.22	4.23	3.00
5. Did audiovisual techniques enhance your understanding	1	0	1	1	0	1	4		768/1295		3.89	3.94		3.86
Discussion	_	-	_	_			_							
1. Did class discussions contribute to what you learned	1	0	1	2	0	2	2		1198/1398	3.29	4.48	4.07	4.22	3.29
2. Were all students actively encouraged to participate	1	0	2	0	2	1	2		1300/1391	3.14	4.64	4.30	4.47	3.14
3. Did the instructor encourage fair and open discussion	1	0	2	1	1	0	3		1297/1388	3.14	4.61	4.28	4.49	3.14
4. Were special techniques successful	1	5	1	0	0	1	0	2.50	917/ 958	2.50	4.27	3.93	4.01	2.50
Laboratory														
1. Did the lab increase understanding of the material	7	0	0	0	0	1	0	4.00	****/ 224	* * * *	5.00	4.10	4.43	* * * *
2. Were you provided with adequate background information	7	0	0	0	0	1	0	4.00	****/ 240	* * * *	5.00	4.11	3.96	* * * *
3. Were necessary materials available for lab activities	7	0	0	0	0	1	0	4.00	****/ 219	* * * *	5.00	4.44	4.23	* * * *
4. Did the lab instructor provide assistance	7	0	0	0	0	1	0	4.00	****/ 215	* * * *	5.00	4.35	4.72	* * * *
Seminar														
2. Was the instructor available for individual attention	7	0	0	0	1	0	0	3 00	****/ 82	* * * *	4.53	4.52	4.74	* * * *
3. Did research projects contribute to what you learned	7	0	0	0	1	0	0		****/ 78	****	4.33	4.52	4.74	* * * *
4. Did presentations contribute to what you learned	7	0	1	0	0	0	0		****/ 80	* * * *	4.25	4.47	4.52	* * * *
5. Were criteria for grading made clear	7	0	0	0	0	0	1		****/ 82	* * * *	4.35	4.16	4.37	* * * *
5. Mere eriteria for grading made creat	'	0	0	0	0	0	-	5.00	, 02		1.55	1.10	1.57	

Credits	Earned	Cum. GPA		Expected	Grades	Reasons		Туре		Majors	
00-27	2	0.00-0.99	0	A	5	Required for Majors	1	Graduate	3	Major	6
28-55	0	1.00-1.99	0	В	1						
56-83	0	2.00-2.99	0	С	0	General	3	Under-grad	5	Non-major	2
84-150	0	3.00-3.49	1	D	0						
Grad.	3	3.50-4.00	3	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

0 anti-inve				-	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	0	4	4	4.50	615/1639	4.50	4.51	4.27	4.42	4.50
2. Did the instructor make clear the expected goals	1	0	1	0	2	3	1	3.43	1513/1639	3.43	4.32	4.22	4.26	3.43
3. Did the exam questions reflect the expected goals	0	3	0	0	1	1	3	4.40	661/1397	4.40	4.58	4.28	4.37	4.40
4. Did other evaluations reflect the expected goals	0	1	0	0	1	3	3	4.29	761/1583	4.29	4.46	4.19	4.31	4.29
5. Did assigned readings contribute to what you learned	0	2	0	2	1	0	3	3.67	1136/1532	3.67	4.00	4.01	4.10	3.67
6. Did written assignments contribute to what you learned	0	2	1	0	1	3	1	3.50	1212/1504	3.50	4.37	4.05	4.29	3.50
7. Was the grading system clearly explained	0	0	0	0	0	0	8	5.00	1/1612	5.00	4.36	4.16	4.27	5.00
8. How many times was class cancelled	0	0	0	0	0	0	8	5.00	1/1635	5.00	4.78	4.65	4.81	5.00
9. How would you grade the overall teaching effectiveness	6	0	0	0	1	1	0	3.50	1318/1579	3.56	4.24	4.08	4.17	3.56
T e shuur														
Lecture	-	0	0	0	0	1	0	4 0 0	****/1518	2 0 0	4 51	1 1 2	4 40	2 00
1. Were the instructor's lectures well prepared	/	0	0	0	0	T	0	4.00	****/1518	3.80	4.51	4.43	4.49	3.80
Discussion														
1. Did class discussions contribute to what you learned	1	0	1	2	0	2	2	3.29	1198/1398	3.29	4.48	4.07	4.22	3.29
2. Were all students actively encouraged to participate	1	0	2	0	2	1	2	3.14	1300/1391	3.14	4.64	4.30	4.47	3.14
3. Did the instructor encourage fair and open discussion	1	0	2	1	1	0	3	3.14	1297/1388	3.14	4.61	4.28	4.49	3.14
4. Were special techniques successful	1	5	1	0	0	1	0	2.50	917/ 958	2.50	4.27	3.93	4.01	2.50
Laboratory														
1. Did the lab increase understanding of the material	7	0	0	0	0	1	0		****/ 224		5.00	4.10	4.43	* * * *
2. Were you provided with adequate background information	7	0	0	0	0	1	0		****/ 240	* * * *	5.00	4.11	3.96	* * * *
3. Were necessary materials available for lab activities	7	0	0	0	0	1	0		****/ 219	* * * *	5.00	4.44	4.23	* * * *
4. Did the lab instructor provide assistance	7	0	0	0	0	1	0	4.00	****/ 215	* * * *	5.00	4.35	4.72	* * * *
Seminar														
2. Was the instructor available for individual attention	7	0	0	0	1	0	0	3 00	****/ 82	* * * *	4.53	4.52	4.74	* * * *
3. Did research projects contribute to what you learned	, 7	0	0	0	⊥ 1	0	0		****/ 78	* * * *	4.34	4.47	4.52	* * * *
4. Did presentations contribute to what you learned	, 7	0	1	0	0	0	0		****/ 80	* * * *	4.25	4.47	4.52	* * * *
5. Were criteria for grading made clear	7	0	0	0	0	0	1		****/ 82	* * * *	4.35	4.16	4.37	* * * *
5. Note effectia for grading made effort	,	0	U	U	0	0	-	5.00	, 02		1.55	1.10	1.57	

Credits Ea	arned	Cum. GPA		Expected	Grades	Reasons		Туре		Majors	
00-27	2	0.00-0.99	0	A	5	Required for Majors	1	Graduate	3	Major	6
28-55	0	1.00-1.99	0	В	1						
56-83	0	2.00-2.99	0	С	0	General	3	Under-grad	5	Non-major	2
84-150	0	3.00-3.49	1	D	0						
Grad.	3	3.50-4.00	3	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	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	15	4.94	120/1639	4.24	4.51	4.27	4.42	4.94
2. Did the instructor make clear the expected goals	0	0	0	0	0	1	15	4.94	89/1639	3.95	4.32	4.22	4.26	4.94
3. Did the exam questions reflect the expected goals	1	6	0	0	0	0	9	5.00	1/1397	4.42	4.58	4.28	4.37	5.00
4. Did other evaluations reflect the expected goals	0	0	0	0	0	3	13	4.81	181/1583	4.12	4.46	4.19	4.31	4.81
5. Did assigned readings contribute to what you learned	1	0	0	1	2	8	4	4.00	774/1532	4.06	4.00	4.01	4.10	4.00
6. Did written assignments contribute to what you learned	1	0	0	0	0	3	12	4.80	150/1504	3.96	4.37	4.05	4.29	4.80
7. Was the grading system clearly explained	1	0	0	0	0	1	14	4.93	79/1612	3.87	4.36	4.16	4.27	4.93
8. How many times was class cancelled	1	0	0	0	0	0	15	5.00	1/1635	5.00	4.78	4.65	4.81	5.00
9. How would you grade the overall teaching effectiveness	7	0	0	0	0	2	7	4.78	159/1579	3.80	4.24	4.08	4.17	4.78
Lecture														
1. Were the instructor's lectures well prepared	0	0	0	0	0	З	13	4.81	345/1518	4.02	4.51	4.43	4.49	4.81
2. Did the instructor seem interested in the subject	0	0	0	0	Ő	0	16	5.00	1/1520	4.82	4.85	4.70	4.79	5.00
3. Was lecture material presented and explained clearly	0	0	0	0	0	3 3	13	4.81	230/1517	3.83	4.41	4.27	4.32	4.81
4. Did the lectures contribute to what you learned	0	0	0	0	0	2	14	4.88	208/1550	3.88	4.34	4.22	4.23	4.88
5. Did audiovisual techniques enhance your understanding	1	8	2	0	0	2	3	3.57	943/1295	3.59	3.89	3.94	3.95	3.57
Discussion														
1. Did class discussions contribute to what you learned	1	0	0	0	1	F	0	4.53	408/1398	4.03	4.48	4.07	4.22	4.53
2. Were all students actively encouraged to participate	1	0	0	0	0	2	9 11	4.53	408/1398	4.03	4.40	4.07	4.22	4.73
3. Did the instructor encourage fair and open discussion	1	0	0	0	1	4 2	11	4.73	417/1391 496/1388	4.59	4.64	4.30	4.47	4.73
4. Were special techniques successful	1	1	0	0	1	с С	10	4.67	163/ 958	4.55	4.81	4.20	4.49	4.67
4. were special techniques successiul	T	Ţ	U	U	T	3	ΤŪ	4.04	103/ 958	3.78	4.2/	3.93	4.01	4.04
Field Work														
1. Did field experience contribute to what you learned	15	0	0	0	0	0	1	5.00	****/ 52	4.00	4.60	4.04	3.64	* * * *
2. Did you clearly understand your evaluation criteria	15	0	0	0	0	1	0	4.00	****/ 53	3.29	4.31	4.05	4.03	* * * *
3. Was the instructor available for consultation	15	0	0	0	0	0	1	5.00	****/ 42	* * * *	4.72	4.75	4.78	* * * *
4. To what degree could you discuss your evaluations	15	0	0	0	0	1	0	4.00	****/ 37	* * * *	4.42	4.58	4.33	* * * *

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

Student Course Evaluation Questionnaire

Ouestions	ND	NA	Fre 1	equei 2	ncie: 3	5	5	Ins† Mean	ructor Rank	Course	Dept Mean	UMBC Mean	Level Mean	Sect Mean
Quescions						ч 			Ralik					Mean
General														
1. Did you gain new insights, skills from this course	3	0	0	1	4	4	9	4.17	990/1639	4.24	4.51	4.27	4.42	4.17
2. Did the instructor make clear the expected goals	3	0	0	3	7	2	6	3.61	1438/1639	3.95	4.32	4.22	4.26	3.61
3. Did the exam questions reflect the expected goals	3	14	0	0	0	3	1	4.25	****/1397	4.42	4.58	4.28	4.37	* * * *
4. Did other evaluations reflect the expected goals	3	0	0	1	3	8	б	4.06	974/1583	4.12	4.46	4.19	4.31	4.06
5. Did assigned readings contribute to what you learned	3	0	0	1	3	6	8	4.17	655/1532	4.06	4.00	4.01	4.10	4.17
6. Did written assignments contribute to what you learne	1 3	0	0	4	4	б	4	3.56	1183/1504	3.96	4.37	4.05	4.29	3.56
7. Was the grading system clearly explained	3	0	2	2	4	2	8	3.67	1327/1612	3.87	4.36	4.16	4.27	3.67
8. How many times was class cancelled	3	0	0	0	0	0	18	5.00	1/1635	5.00	4.78	4.65	4.81	5.00
9. How would you grade the overall teaching effectivenes	5 7	0	0	1	4	6	3	3.79	1148/1579	3.80	4.24	4.08	4.17	3.79
Lecture														
1. Were the instructor's lectures well prepared	3	0	0	1	4	8	5	3.94	1285/1518	4.02	4.51	4.43	4.49	3.94
2. Did the instructor seem interested in the subject	3	0	0	0	0	3	15	4.83	725/1520	4.82	4.85	4.70	4.79	4.83
3. Was lecture material presented and explained clearly	3	0	0	3	7	1	7	3.67	1292/1517	3.83	4.41	4.27	4.32	3.67
4. Did the lectures contribute to what you learned	3	0	1	3	5	5	4	3.44	1352/1550	3.88	4.34	4.22	4.23	3.44
5. Did audiovisual techniques enhance your understanding	3	0	0	2	5	8	3	3.67	894/1295	3.59	3.89	3.94	3.95	3.67
Discussion														
1. Did class discussions contribute to what you learned	3	0	0	1	4	9	4	3.89	895/1398	4.03	4.48	4.07	4.22	3.89
2. Were all students actively encouraged to participate	3	0	0	0	1	5	12	4.61	534/1391	4.59	4.64	4.30	4.47	4.61
3. Did the instructor encourage fair and open discussion	3	0	1	0	2	4	11	4.33	783/1388	4.53	4.61	4.28	4.49	4.33
4. Were special techniques successful	3	2	1	0	8	б	1	3.38	776/ 958	3.78	4.27	3.93	4.01	3.38
Seminar														
1. Were assigned topics relevant to the announced theme	15	0	0	0	0	4	2	4.33	65/ 85	4.33	4.39	4.58	4.58	4.33
2. Was the instructor available for individual attention	15	1	0	0	1	1	3	4.40	****/ 82	****	4.53	4.52	4.74	* * * *
3. Did research projects contribute to what you learned	15	1	1	0	2	1	1	3.20	****/ 78	* * * *	4.34	4.47	4.52	* * * *
4. Did presentations contribute to what you learned	15	0	0	1	2	3	0	3.33	76/ 80	3.33	4.25	4.47	4.50	3.33
5. Were criteria for grading made clear	15	1	2	2	0	0	1	2.20	****/ 82	****	4.35	4.16	4.37	* * * *
Field Work														
1. Did field experience contribute to what you learned	14	0	0	1	1	2	3	4.00	32/ 52	4.00	4.60	4.04	3.64	4.00
2. Did you clearly understand your evaluation criteria	14	Ő	1	1	2	1	2	3.29	43/ 53	3.29	4.31	4.05	4.03	3.29
3. Was the instructor available for consultation	15	1	0	0	0	1	4		****/ 42	****	4.72	4.75	4.78	****
4. To what degree could you discuss your evaluations	15	1	Ő	0	1	3	1	4.00		* * * *	4.42	4.58	4.33	* * * *
5. Did conferences help you carry out field activities	15	1	1	0	1	2	1		****/ 32	* * * *	4.77		4.59	* * * *

Credits Ea	arned	Cum. GPA	L	Expected	d Grades	Reasons		Туре		Majors	
00-27	1	0.00-0.99	1	A	10	Required for Majors	0	Graduate	6	Major	0
28-55	0	1.00-1.99	0	В	3						
56-83	0	2.00-2.99	0	С	0	General	2	Under-grad	15	Non-major	21
84-150	0	3.00-3.49	0	D	0						
Grad.	6	3.50-4.00	0	F	0	Electives	0	#### - Means	there	are not enough	n
				P	0			responses to	be sid	nificant	
				I	0	Other	12	-	-		
				?	1						

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	1	1	3	5	3	3.62	1447/1639	4.24	4.51	4.27	4.42	3.62
2. Did the instructor make clear the expected goals	0	0	0	3	4	5	1	3.31	1542/1639	3.95	4.32	4.22	4.26	3.31
3. Did the exam questions reflect the expected goals	0	0	0	1	3	б	3	3.85	1125/1397	4.42	4.58	4.28	4.37	3.85
4. Did other evaluations reflect the expected goals	0	1	1	1	2	7	1	3.50	1406/1583	4.12	4.46	4.19	4.31	3.50
5. Did assigned readings contribute to what you learned	0	0	0	1	2	б	4	4.00	774/1532	4.06	4.00	4.01	4.10	4.00
6. Did written assignments contribute to what you learned	0	0	0	4	2	3	4	3.54	1194/1504	3.96	4.37	4.05	4.29	3.54
7. Was the grading system clearly explained	0	2	2	1	4	3	1	3.00	1519/1612	3.87	4.36	4.16	4.27	3.00
8. How many times was class cancelled	0	0	0	0	0	0	13	5.00	1/1635	5.00	4.78	4.65	4.81	5.00
9. How would you grade the overall teaching effectiveness	1	0	1	2	7	2	0	2.83	1521/1579	3.80	4.24	4.08	4.17	2.83
Lecture														
1. Were the instructor's lectures well prepared	0	0	2	2	2	4	3	3.31	1453/1518	4.02	4.51	4.43	4.49	3.31
2. Did the instructor seem interested in the subject	0	0	0	1	0	2	10	4.62	1101/1520		4.85	4.70	4.79	4.62
3. Was lecture material presented and explained clearly	1	0	2	3	2	3	2		1453/1517	3.83	4.41	4.27	4.32	3.00
4. Did the lectures contribute to what you learned	0	0	2	2	3	2	4	3.31	1393/1550	3.88	4.34	4.22	4.23	3.31
5. Did audiovisual techniques enhance your understanding	0	0	1	3	1	4	4	3.54	963/1295	3.59	3.89	3.94	3.95	3.54
Discussion														
1. Did class discussions contribute to what you learned	1	0	0	2	4	2	4		1030/1398	4.03	4.48	4.07	4.22	3.67
Were all students actively encouraged to participate	1	0	0	0	3	1	8	4.42	686/1391	4.59	4.64	4.30	4.47	4.42
3. Did the instructor encourage fair and open discussion	1	0	0	0	2	1	9	4.58	586/1388		4.61	4.28	4.49	4.58
4. Were special techniques successful	1	0	1	2	3	4	2	3.33	786/ 958	3.78	4.27	3.93	4.01	3.33

Credits Ea	arned	Cum. GPA	L L	Expected	d Grades	Reasons		Туре		Majors	
00-27	1	0.00-0.99	0	А	10	Required for Majors	0	Graduate	8	Major	0
28-55	0	1.00-1.99	0	В	1						
56-83	0	2.00-2.99	0	C	0	General	1	Under-grad	5	Non-major	13
84-150	0	3.00-3.49	0	D	0						
Grad.	8	3.50-4.00	4	F	0	Electives	2	#### - Means	there	are not enough	n
				P	0			responses to	be sig	gnificant	
				I	0	Other	10				
				?	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	0	1	5.00	1/1639	5.00	4.51	4.27	4.42	5.00
2. Did the instructor make clear the expected goals	0	0	0	0	0	0	1	5.00	1/1639	5.00	4.32	4.22	4.26	5.00
4. Did other evaluations reflect the expected goals	0	0	0	0	0	0	1	5.00	1/1583	5.00	4.46	4.19	4.31	5.00
5. Did assigned readings contribute to what you learned	0	0	0	1	0	0	0	2.00	1524/1532	2.00	4.00	4.01	4.10	2.00
6. Did written assignments contribute to what you learned	0	0	0	0	0	0	1	5.00	1/1504	5.00	4.37	4.05	4.29	5.00
7. Was the grading system clearly explained	0	0	0	0	0	0	1	5.00	1/1612	5.00	4.36	4.16	4.27	5.00
8. How many times was class cancelled	0	0	0	0	0	0	1	5.00	1/1635	5.00	4.78	4.65	4.81	5.00
9. How would you grade the overall teaching effectiveness	0	0	0	0	0	0	1	5.00	1/1579	5.00	4.24	4.08	4.17	5.00
Lecture														
1. Were the instructor's lectures well prepared	0	0	0	0	0	0	1	5.00	1/1518	5.00	4.51	4.43	4.49	5.00
2. Did the instructor seem interested in the subject	0	0	0	0	0	0	1	5.00	1/1520	5.00	4.85	4.70	4.79	5.00
3. Was lecture material presented and explained clearly	0	0	0	0	0	0	1	5.00	1/1517	5.00	4.41	4.27	4.32	5.00
4. Did the lectures contribute to what you learned	0	0	0	0	0	0	1	5.00	1/1550	5.00	4.34	4.22	4.23	5.00
5. Did audiovisual techniques enhance your understanding	0	0	0	0	0	0	1	5.00	1/1295	5.00	3.89	3.94	3.95	5.00
Discussion														
1. Did class discussions contribute to what you learned	0	0	0	0	0	0	1	5.00	1/1398	5.00	4.48	4.07	4.22	5.00
2. Were all students actively encouraged to participate	Ő	Ő	0	0	0	0	1	5.00	1/1391	5.00	4.64	4.30	4.47	5.00
3. Did the instructor encourage fair and open discussion	0	0	0	0	1	0	0		1320/1388	3.00	4.61	4.28	4.49	3.00

Credits E	arned	Cum. GPA		Expected	Grades	Reasons		Туре		Majors	
00-27	0	0.00-0.99	0	 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	1	3.00-3.49	0	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	nificant	
				I	0	Other	1				
				?	0						

Student Course Evaluation Questionnaire

			Fre	equer	ncies	5		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	0	0	2	1	3	4	1	3.09	1591/1639	3.09	4.51	4.27	4.42	3.09
2. Did the instructor make clear the expected goals	0	0	2	0	б	2	1	3.00	1579/1639	3.00	4.32	4.22	4.26	3.00
3. Did the exam questions reflect the expected goals	0	8	0	0	0	1	2	4.67	367/1397	4.67	4.58	4.28	4.37	4.67
4. Did other evaluations reflect the expected goals	0	0	1	0	3	2	5	3.91	1158/1583	3.91	4.46	4.19	4.31	3.91
5. Did assigned readings contribute to what you learned	0	0	1	1	2	3	4	3.73	1081/1532	3.73	4.00	4.01	4.10	3.73
6. Did written assignments contribute to what you learned	0	0	1	1	2	4	3	3.64	1135/1504	3.64	4.37	4.05	4.29	3.64
7. Was the grading system clearly explained	0	0	1	1	0	5	4	3.91	1175/1612	3.91	4.36	4.16	4.27	3.91
8. How many times was class cancelled	0	0	0	0	0	1	10	4.91	662/1635	4.91	4.78	4.65	4.81	4.91
9. How would you grade the overall teaching effectiveness	1	0	1	2	1	4	2	3.40	1364/1579	3.40	4.24	4.08	4.17	3.40
Lecture														
1. Were the instructor's lectures well prepared	6	0	3	0	2	0	0	1.80	1514/1518	1.80	4.51	4.43	4.49	1.80
2. Did the instructor seem interested in the subject	6	0	0	0	0	3	2	4.40	1273/1520	4.40	4.85	4.70	4.79	4.40
3. Was lecture material presented and explained clearly	6	0	2	2	1	0	0	1.80	1512/1517	1.80	4.41	4.27	4.32	1.80
4. Did the lectures contribute to what you learned	6	0	3	1	1	0	0	1.60	1546/1550	1.60	4.34	4.22	4.23	1.60
5. Did audiovisual techniques enhance your understanding	3	2	1	1	3	0	1	2.83	1209/1295	2.83	3.89	3.94	3.95	2.83
Discussion														
1. Did class discussions contribute to what you learned	0	0	2	1	2	4	2	3.27	1201/1398	3.27	4.48	4.07	4.22	3.27
2. Were all students actively encouraged to participate	0	0	1	0	2	3	5	4.00	983/1391	4.00	4.64	4.30	4.47	4.00
3. Did the instructor encourage fair and open discussion	0	0	0	0	1	3	7	4.55	616/1388		4.61	4.28	4.49	4.55
4. Were special techniques successful	0	0	2	0	0	6	3	3.73	629/ 958	3.73	4.27	3.93	4.01	3.73
Seminar														
1. Were assigned topics relevant to the announced theme	1	0	1	1	1	2	5	3.90	75/ 85	3.90	4.39	4.58	4.58	3.90
2. Was the instructor available for individual attention	1	0	0	1	2	2	5	4.10	68/ 82		4.53	4.52	4.74	4.10
3. Did research projects contribute to what you learned	1	0	1	2	0	4	3	3.60	70/ 78		4.34	4.47	4.52	3.60
4. Did presentations contribute to what you learned	1	0	1	2	1	3	3	3.50	71/ 80		4.25	4.47	4.50	3.50
5. Were criteria for grading made clear	1	0	1	1	2	3	3	3.60	63/ 82	3.60	4.35	4.16	4.37	3.60

Credits H	Earned	Cum. GPA		Expected	Grades	Reasons		Туре		Majors	
00-27	0	0.00-0.99	0	A	6	Required for Majors	0	Graduate	3	Major	0
28-55	1	1.00-1.99	0	В	0						
56-83	0	2.00-2.99	0	С	0	General	0	Under-grad	8	Non-major	11
84-150	0	3.00-3.49	0	D	0						
Grad.	3	3.50-4.00	3	F	0	Electives	0	#### - Means	there	are not enough	n
				P	0			responses to	be sig	gnificant	
				I	0	Other	6	_			
				?	0						

Student Course Evaluation Questionnaire

			Fre	equei	ncie	s		Inst	tructor	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	7	5.00	1/1639	5.00	4.51	4.27	4.42	5.00
2. Did the instructor make clear the expected goals	0	0	0	0	0	0	7	5.00	1/1639	5.00	4.32	4.22	4.26	5.00
3. Did the exam questions reflect the expected goals	0	4	0	0	0	0	3	5.00	1/1397	5.00	4.58	4.28	4.37	5.00
4. Did other evaluations reflect the expected goals	0	0	0	0	0	0	7	5.00	1/1583	5.00	4.46	4.19	4.31	5.00
5. Did assigned readings contribute to what you learned	0	0	0	0	0	0	7	5.00	1/1532	5.00	4.00	4.01	4.10	5.00
6. Did written assignments contribute to what you learned	0	0	0	0	0	0	7	5.00	1/1504	5.00	4.37	4.05	4.29	5.00
7. Was the grading system clearly explained	0	0	0	0	0	0	7	5.00	1/1612	5.00	4.36	4.16	4.27	5.00
8. How many times was class cancelled	0	0	0	0	0	0	7	5.00	1/1635	5.00	4.78	4.65	4.81	5.00
9. How would you grade the overall teaching effectiveness	2	0	0	0	0	0	5	5.00	1/1579	5.00	4.24	4.08	4.17	5.00
Lecture														
1. Were the instructor's lectures well prepared	0	0	0	0	0	0	7	5.00	1/1518	5.00	4.51	4.43	4.49	5.00
2. Did the instructor seem interested in the subject	0	0	0	0	0	0	7	5.00	1/1520	5.00	4.85	4.70	4.79	5.00
3. Was lecture material presented and explained clearly	0	0	0	0	0	0	7	5.00	1/1517	5.00	4.41	4.27	4.32	5.00
4. Did the lectures contribute to what you learned	0	0	0	0	0	0	7	5.00	1/1550	5.00	4.34	4.22	4.23	5.00
5. Did audiovisual techniques enhance your understanding	0	0	0	0	0	0	7	5.00	1/1295	5.00	3.89	3.94	3.95	5.00
Discussion														
1. Did class discussions contribute to what you learned	0	0	0	0	0	0	7	5.00	1/1398	5.00	4.48	4.07	4.22	5.00
2. Were all students actively encouraged to participate	0	0	0	0	0	0	7	5.00	1/1391	5.00	4.64	4.30	4.47	5.00
3. Did the instructor encourage fair and open discussion	0	0	0	0	0	0	7	5.00	1/1388	5.00	4.61	4.28	4.49	5.00
4. Were special techniques successful	0	0	0	0	0	0	7	5.00	1/ 958	5.00	4.27	3.93	4.01	5.00
Laboratory														
1. Did the lab increase understanding of the material	6	0	0	0	0	0	1	5.00	****/ 224	* * * *	5.00	4.10	4.43	* * * *
2. Were you provided with adequate background information	6	0	0	0	0	0	1	5.00	****/ 240	* * * *	5.00	4.11	3.96	* * * *
3. Were necessary materials available for lab activities	6	0	0	0	0	0	1		****/ 219	* * * *	5.00	4.44	4.23	* * * *
Seminar														
1. Were assigned topics relevant to the announced theme	0	0	0	0	0	0	7	5.00	1/ 85	5.00	4.39	4.58	4.58	5.00
2. Was the instructor available for individual attention	1	0	0	0	Ő	Ő	6	5.00	1/ 82		4.53	4.52	4.74	5.00
3. Did research projects contribute to what you learned	Ō	0	0	0	Ő	Ő	7	5.00	1/ 78		4.34	4.47	4.52	5.00
4. Did presentations contribute to what you learned	0	0	0	0	0	0	7	5.00	1/ 80		4.25	4.47	4.50	5.00
5. Were criteria for grading made clear	0	0	0	0	0	0	7	5.00	1/ 82		4.35	4.16	4.37	5.00
Field Work														
1. Did field experience contribute to what you learned	0	0	0	0	0	1	6	4.86	21/ 52	4.86	4.60	4.04	3.64	4.86
2. Did you clearly understand your evaluation criteria	1	0	0	0	0	1	5	4.83	13/ 53		4.31	4.05	4.03	4.83
3. Was the instructor available for consultation	Ō	0	0	0	Ő	0	7	5.00	1/ 42		4.72	4.75	4.78	5.00
4. To what degree could you discuss your evaluations	0	0	0	0	0	1	6	4.86	18/ 37		4.42	4.58	4.33	4.86
5. Did conferences help you carry out field activities	0	0	0	0	0	1	6	4.86	14/ 32		4.77	4.56		4.86

Credits Ea	arned	Cum. GPA		Expected	l Grades	Reasons		Туре		Majors	
00-27	1	0.00-0.99	0	А А	6	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	7
84-150	0	3.00-3.49	0	D	0						
Grad.	1	3.50-4.00	3	F	0	Electives	0	#### - Means	there	are not enough	
				P	0			responses to	be sig	nificant	
				I	0	Other	5	-	-		

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Student Course Evaluation Questionnaire

Ouestions		NA	Fre 1	equer 2	ncies 3	5 4	5	Inst Mean	ructor Rank	Course	-	UMBC Mean		Sect
Quescions		INA 	⊥ 			4	5	Mean	Ralik	Mean	Mean	Mean	Mean	Mean
General														
1. Did you gain new insights, skills from this course	0	0	0	1	1	1	3	4.00	1138/1639	4.00	4.51	4.27	4.42	4.00
2. Did the instructor make clear the expected goals	0	0	0	0	3	2	1		1410/1639	3.67	4.32	4.22	4.26	3.67
4. Did other evaluations reflect the expected goals	0	0	0	0	1	0	5	4.67	323/1583	4.67	4.46	4.19	4.31	4.67
5. Did assigned readings contribute to what you learned	0	0	3	0	0	1	2	2.83	1468/1532	2.83	4.00	4.01	4.10	2.83
6. Did written assignments contribute to what you learned	0	0	0	1	0	0	5	4.50	367/1504	4.50	4.37	4.05	4.29	4.50
7. Was the grading system clearly explained	0	0	0	0	0	1	5	4.83	150/1612	4.83	4.36	4.16	4.27	4.83
8. How many times was class cancelled	0	0	0	0	0	0	б	5.00	1/1635	5.00	4.78	4.65	4.81	5.00
9. How would you grade the overall teaching effectiveness	0	0	0	0	2	1	3	4.17	760/1579	4.17	4.24	4.08	4.17	4.17
Tenhous														
Lecture 1. Were the instructor's lectures well prepared	1	0	0	0	1	1	2	4.40	947/1518	4.40	4.51	4.43	4.49	4.40
2. Did the instructor seem interested in the subject	1	0	0	0	0	0	5	5.00	1/1520	4.40 5.00	4.85	4.43	4.49	4.40 5.00
3. Was lecture material presented and explained clearly	1	0	1	0	0	2	2		1241/1517	3.80	4.85	4.27	4.32	3.80
4. Did the lectures contribute to what you learned	1	0	0	0	2	1	2		1077/1550	4.00	4.34	4.22	4.23	4.00
5. Did audiovisual techniques enhance your understanding	1	3	0	0	1	1	0		978/1295		3.89	3.94	3.95	
5, 21a aaaro,15aar ooomrigado ommanoo your anaorooanarny	-	5	0	0	-	-	0	5.50	5,0,2250	5.50	5.05	5.71	5.55	5.50
Discussion														
1. Did class discussions contribute to what you learned	3	0	0	0	0	1	2	4.67	329/1398	4.67	4.48	4.07	4.22	4.67
Were all students actively encouraged to participate	3	0	0	0	0	0	3	5.00	1/1391	5.00	4.64	4.30	4.47	5.00
3. Did the instructor encourage fair and open discussion	3	0	0	0	0	0	3	5.00	1/1388	5.00	4.61		4.49	5.00
4. Were special techniques successful	3	0	0	0	0	0	3	5.00	1/ 958	5.00	4.27	3.93	4.01	5.00
Seminar														
1. Were assigned topics relevant to the announced theme	5	0	0	0	0	1	0	4.00	****/ 85	* * * *	4.39	4.58	4.58	* * * *
2. Was the instructor available for individual attention	5	0	Õ	0	0	0	1		****/ 82	* * * *	4.53	4.52	4.74	* * * *
3. Did research projects contribute to what you learned	5	0	Õ	0	0	0	1		****/ 78	* * * *	4.34	4.47	4.52	* * * *
4. Did presentations contribute to what you learned	5	0	0	0	0	1	0	4.00	****/ 80	* * * *	4.25	4.47	4.50	* * * *
5. Were criteria for grading made clear	5	0	0	0	0	1	0	4.00	****/ 82	* * * *	4.35	4.16	4.37	* * * *
Field Work														
1. Did field experience contribute to what you learned	5	0	0	0	0	0	1		****/ 52		4.60	4.04	3.64	* * * *
2. Did you clearly understand your evaluation criteria	5	0	0	0	0	0	1		****/ 53	* * * *	4.31	4.05	4.03	* * * *
3. Was the instructor available for consultation	5	0	0	0	0	0	1		****/ 42	* * * *	4.72	4.75	4.78	* * * *
4. To what degree could you discuss your evaluations	5	0	0	0	0	0	1	5.00	, 5,	* * * *	4.42	4.58	4.33	* * * *
5. Did conferences help you carry out field activities	5	0	0	0	0	0	1	5.00	****/ 32	* * * *	4.77	4.56	4.59	* * * *

Credits E	larned	Cum. GPA		Expected	Grades	Reasons		Туре		Majors	
00-27	0	0.00-0.99	0	А А	6	Required for Majors	0	Graduate	4	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	б
84-150	0	3.00-3.49	0	D	0						
Grad.	4	3.50-4.00	4	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

Questions	NR	NA	Fre 1	equer 2	ncies 3	3 4	5	Inst Mean	ructor Rank	Course Mean	-	UMBC Mean		Sect Mean
General														
1. Did you gain new insights,skills from this course	0	0	0	0	1	5	9	4.53	582/1639	4.53	4.51	4.27	4.42	4.53
2. Did the instructor make clear the expected goals	0	0	1	0	5	4	5	3.80	1326/1639	3.80	4.32	4.22	4.26	3.80
4. Did other evaluations reflect the expected goals	1	0	0	0	2	7	5	4.21	832/1583	4.21	4.46	4.19	4.31	4.21
5. Did assigned readings contribute to what you learned	0	0	2	0	2	2	9	4.07	729/1532	4.07	4.00	4.01	4.10	4.07
6. Did written assignments contribute to what you learned	2	1	0	1	2	4	5	4.08	780/1504	4.08	4.37	4.05	4.29	4.08
7. Was the grading system clearly explained	0	0	0	2	б	4	3	3.53	1387/1612	3.53	4.36	4.16	4.27	3.53
8. How many times was class cancelled	0	0	0	0	0	0	15	5.00	1/1635	5.00	4.78	4.65	4.81	5.00
9. How would you grade the overall teaching effectiveness	2	0	0	1	2	5	5	4.08	847/1579	4.08	4.24	4.08	4.17	4.08
Lecture														
1. Were the instructor's lectures well prepared	12	0	0	0	0	2	1	4.33	****/1518	* * * *	4.51	4.43	4.49	* * * *
2. Did the instructor seem interested in the subject	11	Ő	0	0	0	0	4	5.00	1/1520	5.00	4.85	4.70	4.79	5.00
3. Was lecture material presented and explained clearly	12	0	0	0	0	1	2		****/1517	****	4.41	4.27	4.32	* * * *
4. Did the lectures contribute to what you learned	12	0	0	0	0	1	2		****/1550	* * * *	4.34	4.22	4.23	* * * *
5. Did audiovisual techniques enhance your understanding	8	1	0	2	2	1	1		1132/1295	3.17		3.94	3.95	3.17
Discussion														
1. Did class discussions contribute to what you learned	1	0	0	0	0	2	12	4.86	189/1398	4.86	4.48	4.07	4.22	4.86
2. Were all students actively encouraged to participate	0	0	0	0	0	0	15	5.00	1/1391	5.00	4.64	4.30	4.47	5.00
3. Did the instructor encourage fair and open discussion	0	0	Ő	0	Ő	3	12	4.80	328/1388	4.80	4.61	4.28	4.49	4.80
4. Were special techniques successful	0	1	0	1	2	2	9	4.36	296/ 958	4.36	4.27	3.93	4.01	4.36
Seminar														
1. Were assigned topics relevant to the announced theme	1	0	0	0	3	2	9	4.43	61/ 85	4.43	4.39	4.58	4.58	4.43
2. Was the instructor available for individual attention	1	0	1	1	1	3	8	4.14	67/ 82	4.14	4.53	4.52	4.74	4.14
3. Did research projects contribute to what you learned	1	0	0	0	5	1	8	4.21	51/ 78	4.21	4.34	4.47	4.52	4.21
Did presentations contribute to what you learned	1	0	0	0	2	2	10	4.57	41/ 80	4.57	4.25	4.47	4.50	4.57
5. Were criteria for grading made clear	1	0	0	2	0	6	б	4.14	48/ 82	4.14	4.35	4.16	4.37	4.14
Field Work														
1. Did field experience contribute to what you learned	2	0	0	0	2	0	11	4.69	26/ 52	4.69	4.60	4.04	3.64	4.69
2. Did you clearly understand your evaluation criteria	2	0	0	0	3	4	6	4.23	28/ 53	4.23	4.31	4.05	4.03	4.23
3. Was the instructor available for consultation	3	3	0	0	1	5	3	4.22	39/ 42	4.22	4.72	4.75	4.78	4.22
4. To what degree could you discuss your evaluations	2	2	0	1	2	2	6	4.18	30/ 37	4.18	4.42	4.58	4.33	4.18
5. Did conferences help you carry out field activities	2	6	0	0	0	5	2	4.29	23/ 32	4.29	4.77	4.56	4.59	4.29

Credits E	arned	Cum. GPA		Expected	d Grades	Reasons		Туре		Majors	
00-27	4	0.00-0.99	4	A	13	Required for Majors	0	Graduate	9	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	6	Non-major	15
84-150	1	3.00-3.49	1	D	0						
Grad.	9	3.50-4.00	4	F	0	Electives	0	#### - Means	there	are not enough	ı
				P	0			responses to	be sig	gnificant	
				I	0	Other	14				
				?	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	1	4	4.50	615/1639	4.50	4.51	4.27	4.42	4.50
2. Did the instructor make clear the expected goals	0	0	0	0	2	2	2	4.00	1090/1639	4.00	4.32	4.22	4.26	4.00
3. Did the exam questions reflect the expected goals	0	4	0	0	0	1	1	4.50	517/1397	4.50	4.58	4.28	4.37	4.50
4. Did other evaluations reflect the expected goals	0	0	0	0	2	2	2	4.00	1010/1583	4.00	4.46	4.19	4.31	4.00
5. Did assigned readings contribute to what you learned	0	0	0	0	0	3	3	4.50	335/1532	4.50	4.00	4.01	4.10	4.50
6. Did written assignments contribute to what you learned	0	0	0	0	0	3	3	4.50	367/1504	4.50	4.37	4.05	4.29	4.50
7. Was the grading system clearly explained	0	0	0	0	2	2	2	4.00	1044/1612	4.00	4.36	4.16	4.27	4.00
8. How many times was class cancelled	0	1	0	0	0	0	5	5.00	1/1635	5.00	4.78	4.65	4.81	5.00
9. How would you grade the overall teaching effectiveness	1	2	0	0	0	3	0	4.00	889/1579	4.00	4.24	4.08	4.17	4.00
Lecture														
1. Were the instructor's lectures well prepared	0	0	0	0	0	2	4	4.67	602/1518	4.67	4.51	4.43	4.49	4.67
2. Did the instructor seem interested in the subject	0	0	0	0	0	1	5	4.83	725/1520	4.83	4.85	4.70	4.79	4.83
3. Was lecture material presented and explained clearly	0	0	0	0	0	2	4	4.67	405/1517	4.67	4.41	4.27	4.32	4.67
4. Did the lectures contribute to what you learned	0	0	0	0	0	3	3	4.50	638/1550	4.50	4.34	4.22	4.23	4.50
5. Did audiovisual techniques enhance your understanding	0	2	0	0	2	1	1	3.75	838/1295	3.75	3.89	3.94	3.95	3.75
Discussion														
1. Did class discussions contribute to what you learned	0	0	0	0	0	2	4	4.67	329/1398	4.67	4.48	4.07	4.22	4.67
2. Were all students actively encouraged to participate	Ő	0	0	0	1	2	3	4.33	752/1391	4.33	4.64	4.30	4.47	4.33
3. Did the instructor encourage fair and open discussion	Ő	0	0	0	1	3	2	4.17	887/1388	4.17	4.61	4.28	4.49	4.17
4. Were special techniques successful	0	3	0	0	0	2	1	4.33	307/ 958	4.33	4.27	3.93	4.01	4.33

Credits Ea	arned	Cum. GPA	L	Expected	d Grades	Reasons		Туре		Majors	
00-27	0	0.00-0.99	0	А	4	Required for Majors	0	Graduate	5	Major	6
28-55	0	1.00-1.99	0	В	1						
56-83	0	2.00-2.99	0	С	0	General	0	Under-grad	1	Non-major	0
84-150	0	3.00-3.49	0	D	0						
Grad.	5	3.50-4.00	3	F	0	Electives	0	#### - Means	there	are not enough	
				P	0			responses to	be sig	gnificant	
				I	0	Other	5				
				?	0						

Student Course Evaluation Questionnaire

			Fre	-	ncies	5	F		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	4	4.80	257/1639	4.80	4.51	4.27	4.42	4.80
2. Did the instructor make clear the expected goals	0	0	0	0	0	0	5	5.00	1/1639	5.00	4.32	4.22	4.26	5.00
3. Did the exam questions reflect the expected goals	0	4	0	0	0	0	1	5.00	****/1397	* * * *	4.58	4.28	4.37	* * * *
4. Did other evaluations reflect the expected goals	0	0	0	0	0	1	4	4.80	186/1583	4.80	4.46	4.19	4.31	4.80
5. Did assigned readings contribute to what you learned	0	3	0	0	1	1	0	3.50	1241/1532	3.50	4.00	4.01	4.10	3.50
6. Did written assignments contribute to what you learned	0	0	0	0	0	1	4	4.80	150/1504	4.80	4.37	4.05	4.29	4.80
7. Was the grading system clearly explained	0	0	0	0	0	1	4	4.80	166/1612	4.80	4.36	4.16	4.27	4.80
8. How many times was class cancelled	0	0	0	0	0	0	5	5.00	1/1635	5.00	4.78	4.65	4.81	5.00
9. How would you grade the overall teaching effectiveness	0	0	0	0	0	1	4	4.80	137/1579	4.80	4.24	4.08	4.17	4.80
Lecture														
1. Were the instructor's lectures well prepared	1	0	0	0	0	1	3	4.75	454/1518	4.75	4.51	4.43	4.49	4.75
2. Did the instructor seem interested in the subject	1	0	0	0	0	0	4	5.00	1/1520	5.00	4.85	4.70	4.79	5.00
3. Was lecture material presented and explained clearly	1	0	0	0	0	0	4	5.00	1/1517	5.00	4.41	4.27	4.32	5.00
4. Did the lectures contribute to what you learned	1	0	1	0	0	1	2	3.75	1237/1550	3.75	4.34	4.22	4.23	3.75
5. Did audiovisual techniques enhance your understanding	1	3	0	0	0	0	1	5.00	****/1295	* * * *	3.89	3.94	3.95	* * * *
Discussion														
1. Did class discussions contribute to what you learned	1	0	0	0	0	0	4	5.00	1/1398	5.00	4.48	4.07	4.22	5.00
2. Were all students actively encouraged to participate	1	Õ	0	0	0	Ő	4	5.00	1/1391	5.00	4.64	4.30	4.47	5.00
3. Did the instructor encourage fair and open discussion	1	0	0	0	0	0	4	5.00	1/1388	5.00	4.61	4.28	4.49	5.00
4. Were special techniques successful	1	0	1	0	0	0	3	4.00	456/ 958	4.00	4.27		4.01	4.00
Seminar														
1. Were assigned topics relevant to the announced theme	3	0	0	0	0	0	2	5.00	1/ 85	5.00	4.39	4.58	4.58	5.00
2. Was the instructor available for individual attention	3	0	0	0	0	0	2	5.00	1/ 82	5.00	4.53	4.52	4.74	5.00
3. Did research projects contribute to what you learned	3	0	0	0	0	0	2	5.00	1/ 78	5.00	4.34	4.47	4.52	5.00
4. Did presentations contribute to what you learned	3	0	0	0	0	0	2	5.00	1/ 80	5.00	4.25	4.47	4.50	5.00
5. Were criteria for grading made clear	3	0	0	0	0	0	2	5.00	1/ 82	5.00	4.35	4.16	4.37	5.00
Field Work	2	0	0	~	0	0	~	F 00	1/ 50	F 00	1 60	4 0 4	2 64	F 00
1. Did field experience contribute to what you learned	3	0 0	0 0	0 0	0	0	2 2	5.00	1/ 52 1/ 53	5.00	4.60	4.04	3.64	5.00
 Did you clearly understand your evaluation criteria Was the instructor available for consultation 	3	0	0	0	-	0	_	5.00	,	5.00	4.31	4.05	4.03	5.00
 Was the instructor available for consultation To what degree could you discuss your evaluations 	3 3	0	0	0	0 0	0 1	2 1	5.00 4.50	1/ 42 22/ 37	5.00 4.50	$4.72 \\ 4.42$	4.75 4.58	4.78	5.00 4.50
4. To what degree could you discuss your evaluations 5. Did conferences help you carry out field activities	3	0	0	0	0	1	1 2	4.50	1/ 32		4.42 4.77		4.33 4.59	4.50 5.00
5. Did conterences merp you carry out freid activities	2	U	U	U	U	U	4	5.00	1/ 32	5.00	4.//	4.30	4.09	5.00

Credits Ea	arned	Cum. GPA		Expected	Grades	Reasons		Туре		Majors	
00-27	0	0.00-0.99	1	A	4	Required for Majors	0	Graduate	2	Major	4
28-55	1	1.00-1.99	0	В	0						
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.	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	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	3	9	4.75	318/1639	4.75	4.51	4.27	4.42	4.75
2. Did the instructor make clear the expected goals	0	0	0	0	0	4	8	4.67	349/1639	4.67	4.32	4.22	4.26	4.67
3. Did the exam questions reflect the expected goals	0	б	0	0	0	3	3	4.50	517/1397	4.50	4.58	4.28	4.37	4.50
4. Did other evaluations reflect the expected goals	0	0	0	0	0	2	10	4.83	173/1583	4.83	4.46	4.19	4.31	4.83
5. Did assigned readings contribute to what you learned	0	1	2	1	2	2	4	3.45	1270/1532	3.45	4.00	4.01	4.10	3.45
6. Did written assignments contribute to what you learned	0	0	0	0	1	2	9	4.67	245/1504	4.67	4.37	4.05	4.29	4.67
7. Was the grading system clearly explained	0	0	0	0	1	2	9	4.67	317/1612	4.67	4.36	4.16	4.27	4.67
8. How many times was class cancelled	0	0	0	0	0	0	12	5.00	1/1635	5.00	4.78	4.65	4.81	5.00
9. How would you grade the overall teaching effectiveness	2	1	0	0	1	4	4	4.33	569/1579	4.33	4.24	4.08	4.17	4.33
Lecture														
1. Were the instructor's lectures well prepared	11	0	0	0	0	0	1	5.00	****/1518	* * * *	4.51	4.43	4.49	* * * *
Discussion														
1. Did class discussions contribute to what you learned	11	0	0	0	0	0	1	5 00	****/1398	* * * *	4.48	4.07	4.22	* * * *
2. Were all students actively encouraged to participate	11	0	0	0	0	0	1		****/1391	* * * *	4.64	4.30	4.47	* * * *
3. Did the instructor encourage fair and open discussion	11	0	0	0	0	0	1		****/1388	* * * *	4.61	4.28	4.49	* * * *
4. Were special techniques successful	11	0	0	0	1	0	0		****/ 958	* * * *	4.27	3.93	4.01	* * * *
1. Mere Special cecimiques Successiai		0	0	0	-	Ŭ	0	5.00	, , , , , , , , , , , , , , , , , , , ,		1.27	5.25	1.01	
Seminar														
1. Were assigned topics relevant to the announced theme	0	0	0	0	1	0	11	4.83	41/ 85	4.83	4.39	4.58	4.58	4.83
2. Was the instructor available for individual attention	0	0	0	0	1	3	8	4.58	43/ 82	4.58	4.53	4.52	4.74	4.58
3. Did research projects contribute to what you learned	0	0	0	0	0	4	8	4.67	41/ 78	4.67	4.34	4.47	4.52	4.67
4. Did presentations contribute to what you learned	0	0	0	0	1	3	8	4.58	41/ 80	4.58	4.25	4.47	4.50	4.58
5. Were criteria for grading made clear	0	0	0	0	1	1	10	4.75	28/ 82	4.75	4.35	4.16	4.37	4.75

Credits Ea	arned	Cum. GPA		Expected	d Grades	Reasons		Туре		Majors	
00-27	0	0.00-0.99	0	A	7	Required for Majors	0	Graduate	9	Major	12
28-55	0	1.00-1.99	0	В	2						
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.	9	3.50-4.00	4	F	0	Electives	0	#### - Means	there	are not enoug	h
				P	0			responses to	be sig	gnificant	
				I	0	Other	9				
				?	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	4	3	7	4.21	929/1639	4.43	4.51	4.27	4.42	4.21
2. Did the instructor make clear the expected goals	2	0	0	0	1	1	11	4.77	241/1639	4.71	4.32	4.22	4.26	4.77
3. Did the exam questions reflect the expected goals	1	11	0	0	0	0	3	5.00	****/1397	* * * *	4.58	4.28	4.37	* * * *
4. Did other evaluations reflect the expected goals	1	0	0	0	1	2	11	4.71	281/1583	4.74	4.46	4.19	4.31	4.71
5. Did assigned readings contribute to what you learned	1	2	3	1	2	1	5	3.33	1330/1532	3.84	4.00	4.01	4.10	3.33
6. Did written assignments contribute to what you learned	1	1	0	0	1	2	10	4.69	222/1504	4.76	4.37	4.05	4.29	4.69
7. Was the grading system clearly explained	2	0	0	1	1	4	7	4.31	756/1612	4.45	4.36	4.16	4.27	4.31
8. How many times was class cancelled	2	0	0	0	0	0	13	5.00	1/1635	4.88	4.78	4.65	4.81	5.00
9. How would you grade the overall teaching effectiveness	2	0	0	0	0	7	6	4.46	427/1579	4.50	4.24	4.08	4.17	4.46
Lecture														
1. Were the instructor's lectures well prepared	1	0	0	0	0	3	11	4.79	397/1518	4.83	4.51	4.43	4.49	4.79
2. Did the instructor seem interested in the subject	1	0	0	0	0	0	14	5.00	1/1520	5.00	4.85	4.70	4.79	5.00
3. Was lecture material presented and explained clearly	1	0	0	0	0	5	9	4.64	428/1517	4.73	4.41	4.27	4.32	4.64
4. Did the lectures contribute to what you learned	1	0	0	1	1	2	10	4.50	638/1550	4.66	4.34	4.22	4.23	4.50
5. Did audiovisual techniques enhance your understanding	1	1	0	0	3	3	7	4.31	421/1295	4.23	3.89	3.94	3.95	4.31
Discussion														
1. Did class discussions contribute to what you learned	1	0	0	0	1	1	12	4.79	234/1398	4.83	4.48	4.07	4.22	4.79
2. Were all students actively encouraged to participate	1	0	0	0	0	2	12	4.86	279/1391	4.93	4.64	4.30	4.47	4.86
3. Did the instructor encourage fair and open discussion	1	0	0	0	0	1	13	4.93	179/1388	4.96	4.61	4.28	4.49	4.93
4. Were special techniques successful	1	2	0	0	1	5	б	4.42	260/ 958	4.55	4.27	3.93	4.01	4.42
Seminar														
1. Were assigned topics relevant to the announced theme	9	0	0	0	0	1	5	4.83	41/ 85	4.83	4.39	4.58	4.58	4.83
2. Was the instructor available for individual attention	9	0	0	0	0	0	6	5.00	1/ 82	5.00	4.53	4.52	4.74	5.00
3. Did research projects contribute to what you learned	9	0	0	0	0	0	6	5.00	1/ 78	5.00	4.34	4.47	4.52	5.00
4. Did presentations contribute to what you learned	9	0	0	0	0	0	6	5.00	1/ 80	5.00	4.25	4.47	4.50	5.00
5. Were criteria for grading made clear	9	0	0	0	0	0	6	5.00	1/ 82	5.00	4.35	4.16	4.37	5.00

Credits E	Carned	Cum. GP2	Α	Expecte	d Grades	Reasons		Туре		Majors	
00-27	3	0.00-0.99	0	А	13	Required for Majors	0	Graduate	10	Major	0
28-55	0	1.00-1.99	0	В	1						
56-83	0	2.00-2.99	0	C	0	General	0	Under-grad	5	Non-major	15
84-150	0	3.00-3.49	0	D	0						
Grad.	10	3.50-4.00	10	F	0	Electives	0	#### - Means	there	are not enough	ı
				P	0			responses to	be sig	nificant	
				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														
General 1. Did you gain new insights,skills from this course	0	0	0	0	1	4	12	4.65	456/1639	4.43	4.51	4.27	4.42	4.65
2. Did the instructor make clear the expected goals	0	0	0	0	0	6	11	4.65	371/1639	4.71	4.32	4.22	4.26	4.65
3. Did the exam questions reflect the expected goals	0	15	0	0	0	0	2		****/1397	****	4.58	4.28	4.37	****
4. Did other evaluations reflect the expected goals	0	0	0	0	0	4	13	4.76	228/1583	4.74	4.46	4.19	4.31	4.76
5. Did assigned readings contribute to what you learned	0	0	0	0	1	9	7	4.35	488/1532		4.00	4.01	4.10	4.35
6. Did written assignments contribute to what you learned	0	Ő	0	Ő	0	3	14	4.82	142/1504		4.37	4.05	4.29	4.82
7. Was the grading system clearly explained	0	0	0	0	1	5	11	4.59	408/1612		4.36	4.16	4.27	4.59
8. How many times was class cancelled	1	0	0	0	0	4	12	4.75	884/1635		4.78	4.65	4.81	4.75
9. How would you grade the overall teaching effectiveness	б	0	0	0	0	5	б	4.55	342/1579		4.24	4.08	4.17	4.55
Lecture														
1. Were the instructor's lectures well prepared	1	0	0	0	0	2	14	4.88	257/1518	4.83	4.51	4.43	4.49	4.88
2. Did the instructor seem interested in the subject	1	0	0	0	0	0	16	5.00	1/1520	5.00	4.85	4.70	4.79	5.00
3. Was lecture material presented and explained clearly	1	0	0	Ő	Õ	3	13	4.81	230/1517		4.41	4.27	4.32	4.81
4. Did the lectures contribute to what you learned	1	0	0	0	0	3	13	4.81	276/1550		4.34	4.22	4.23	4.81
5. Did audiovisual techniques enhance your understanding	0	3	0	1	3	3	7	4.14	545/1295		3.89	3.94		4.14
Discussion														
1. Did class discussions contribute to what you learned	1	0	0	0	0	2	14	4.88	177/1398	4.83	4.48	4.07	4.22	4.88
2. Were all students actively encouraged to participate	1	0	0	0	0	0	16	5.00	1/1391	4.93	4.64	4.30	4.47	5.00
3. Did the instructor encourage fair and open discussion	1	0	0	0	0	0	16	5.00	1/1388		4.61	4.28	4.49	5.00
4. Were special techniques successful	1	0	0	0	1	3	12	4.69	147/ 958		4.27	3.93	4.01	4.69
Seminar														
1. Were assigned topics relevant to the announced theme	13	1	0	0	0	0	2	F 00	****/ 85	4.83	4.39	4.58	4.58	* * * *
2. Was the instructor available for individual attention	13	0	0	0	0	0	4		****/ 82	5.00	4.53	4.58	4.74	* * * *
3. Did research projects contribute to what you learned	13	0	0	0	0	0	4		****/ 78	5.00	4.34	4.32	4.52	* * * *
4. Did presentations contribute to what you learned	13	0	0	0	0	0	4		****/ 80		4.25	4.47	4.50	* * * *
5. Were criteria for grading made clear	13	0	0	0	0	1	3		****/ 82		4.35	4.16	4.37	* * * *
Field Work		-	_				_							
1. Did field experience contribute to what you learned	15	0	0	0	0	0	2		****/ 52	* * * *	4.60	4.04	3.64	* * * *
2. Did you clearly understand your evaluation criteria	15	0	0	0	0	0	2		****/ 53		4.31	4.05	4.03	* * * *
3. Was the instructor available for consultation	15	0	0	0	0	0	2	5.00	****/ 42	* * * *	4.72	4.75	4.78	* * * *
4. To what degree could you discuss your evaluations	15	1	0	0	0	0	1		****/ 37	* * * *	4.42	4.58	4.33	* * * *
5. Did conferences help you carry out field activities	15	0	0	0	0	0	2	5.00	****/ 32	* * * *	4.77	4.56	4.59	* * * *
Self Paced														
1. Did self-paced system contribute to what you learned	16	0	0	0	0	0	1	5.00	****/ 50	* * * *	3.67	4.45	4.39	* * * *
2. Did study questions make clear the expected goal	16	0	0	0	0	1	0	4.00	****/ 32	* * * *	4.00	4.51	4.50	* * * *
3. Were your contacts with the instructor helpful	16	0	0	0	0	0	1	5.00	****/ 43	* * * *	* * * *	4.69	4.61	* * * *

Credits Ea	arned	Cum. GPA		Expecte	d Grades	Reasons		Туре		Majors	
00-27	6	0.00-0.99	0	 А	11	Required for Majors	0	Graduate	6	Major	0
28-55	1	1.00-1.99	0	В	3						
56-83	0	2.00-2.99	0	C	0	General	0	Under-grad	11	Non-major	17
84-150	0	3.00-3.49	1	D	0						
Grad.	б	3.50-4.00	7	F	0	Electives	0	#### - Means	there	are not enoug	h
				P	0			responses to	be sig	gnificant	
				I	0	Other	16				

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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	2	4	3	4.11	1055/1639	4.11	4.51	4.27	4.42	4.11
2. Did the instructor make clear the expected goals	0	0	0	0	3	4	2	3.89	1274/1639	3.89	4.32	4.22	4.26	3.89
3. Did the exam questions reflect the expected goals	0	0	0	0	2	2	5	4.33	722/1397	4.33	4.58	4.28	4.37	4.33
4. Did other evaluations reflect the expected goals	0	0	0	0	2	4	3	4.11	929/1583	4.11	4.46	4.19	4.31	4.11
5. Did assigned readings contribute to what you learned	1	0	0	1	1	1	5	4.25	580/1532	4.25	4.00	4.01	4.10	4.25
6. Did written assignments contribute to what you learned	3	0	0	0	1	3	2	4.17	701/1504	4.17	4.37	4.05	4.29	4.17
7. Was the grading system clearly explained	1	0	0	0	2	2	4	4.25	814/1612	4.25	4.36	4.16	4.27	4.25
8. How many times was class cancelled	1	0	0	0	0	0	8	5.00	1/1635	5.00	4.78	4.65	4.81	5.00
9. How would you grade the overall teaching effectiveness	1	0	0	0	0	7	1	4.13	806/1579	4.13	4.24	4.08	4.17	4.13
Lecture														
1. Were the instructor's lectures well prepared	0	0	0	0	3	4	2	3.89	1324/1518	3.89	4.51	4.43	4.49	3.89
2. Did the instructor seem interested in the subject	0	0	0	0	0	0	9	5.00	1/1520		4.85	4.70	4.79	5.00
3. Was lecture material presented and explained clearly	0	0	0	0	1	6	2	4.11	1016/1517	4.11	4.41	4.27	4.32	4.11
4. Did the lectures contribute to what you learned	0	1	0	0	1	3	4	4.38	796/1550	4.38	4.34	4.22	4.23	4.38
5. Did audiovisual techniques enhance your understanding	0	3	1	0	3	1	1	3.17	1132/1295	3.17	3.89	3.94	3.95	3.17
Discussion														
1. Did class discussions contribute to what you learned	0	0	0	0	0	F	4	4.44	477/1398	4.44	4.48	4.07	4.22	4.44
2. Were all students actively encouraged to participate	0	0	0	0	0	2	4	4.44	489/1391	4.44 4.67	4.48	4.07	4.22	4.44
3. Did the instructor encourage fair and open discussion	1	0	0	0	0	1	7	4.88	255/1388		4.64	4.30	4.47	4.88
4. Were special techniques successful	0	2	0	1	0	2	1	4.00	334/ 958		4.81 4.27	4.20 3.93	4.49	4.00
4. Were special techniques successful	0	2	U	T	U	2	4	4.29	334/ 958	4.29	4.2/	5.93	4.01	4.29

Credits Ea	arned	Cum. GPA	L L	Expected	l Grades	Reasons		Туре		Majors	
00-27	3	0.00-0.99	0	A	5	Required for Majors	0	Graduate	4	Major	4
28-55	1	1.00-1.99	0	В	0						
56-83	0	2.00-2.99	0	С	0	General	5	Under-grad	5	Non-major	5
84-150	0	3.00-3.49	1	D	0						
Grad.	4	3.50-4.00	5	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	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	0	1	5.00	1/1639	* * * *	4.31	4.27	4.08	5.00
2. Did the instructor make clear the expected goals	0	0	0	0	0	0	1	5.00	1/1639	* * * *	4.37	4.22	4.17	5.00
4. Did other evaluations reflect the expected goals	0	0	0	0	0	0	1	5.00	1/1583	* * * *	4.31	4.19	4.01	5.00
6. Did written assignments contribute to what you learned	0	0	0	0	0	1	0	4.00	824/1504	* * * *	4.14	4.05	3.78	4.00
7. Was the grading system clearly explained	0	0	0	0	0	0	1	5.00	1/1612	* * * *	4.13	4.16	4.10	5.00
8. How many times was class cancelled	0	0	0	0	0	0	1	5.00	1/1635	* * * *	4.78	4.65	4.56	5.00
9. How would you grade the overall teaching effectiveness	0	0	0	0	0	1	0	4.00	889/1579	* * * *	4.13	4.08	3.95	4.00

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	1	1.00-1.99	0	В	0						
56-83	0	2.00-2.99	0	C	0	General	0	Under-grad	1	Non-major	0
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	
				P	0			responses to	be sig	gnificant	
				I	0	Other	1	_			
				?	0						