Student Course Evaluation Questionnaire

Instructor	Course Dept	UMBC Level Sect
Mean Rank	Mean Mean	Mean Mean Mean
3.65 1307/1481	3.65 4.76	4.29 4.14 3.65
3.92 1106/1481	3.92 4.70	4.23 4.18 3.92
3.98 919/1249	3.98 4.70	4.27 4.14 3.98
3.58 1251/1424	3.58 4.62	4.21 4.06 3.58
3.54 1059/1396	3.54 4.42	3.98 3.89 3.54
3.05 1262/1342	2 3.05 4.29	4.07 3.88 3.05
3.87 1078/1459	3.87 4.45	4.16 4.17 3.87
4.26 1208/1480	4.26 4.52	4.68 4.64 4.26
3.53 1216/1450	3.53 4.64	4.09 3.97 3.53
4.02 1146/1409	4.02 4.43	4.42 4.36 4.02
4.77 804/1407	4.77 4.74	4.69 4.57 4.77
4.00 1002/1399	4.00 4.65	4.26 4.23 4.00
3.95 1053/1400	3.95 4.59	4.27 4.19 3.95
4.21 480/1179	4.21 4.59	3.96 3.85 4.21
3 13 1125/1262	2 1 2 4 4 7	4.05 3.77 3.13
		4.29 4.06 3.24
		4.30 4.08 3.06
		4.00 3.80 ****
	3.65 1307/1481 3.92 1106/1481 3.98 919/1249 3.58 1251/1424 3.54 1059/1396 4.26 1208/1480 3.53 1216/1450 4.02 1146/1409 4.77 804/1407 4.00 1002/1399 3.95 1053/1400 4.21 480/1179 3.13 1125/1262 3.24 1146/1259 3.06 1165/1256	Mean Rank Mean Mean 3.65 1307/1481 3.65 4.76 3.92 1106/1481 3.92 4.70 3.98 919/1249 3.98 4.70 3.58 1251/1424 3.58 4.62 3.54 1059/1396 3.54 4.42 3.05 1262/1342 3.05 4.29 3.87 1078/1459 3.87 4.45 4.02 1146/1409 4.02 4.43 4.77 804/1407 4.77 4.64 4.02 1146/1409 4.02 4.43 4.77 804/1407 4.77 4.64 4.00 1002/1399 4.00 4.65 3.95 1053/1400 3.95 4.59 4.21 480/1179 4.21 4.59 3.13 1125/1262 3.13 4.47 3.24 1146/1259 3.24 4.59 3.06 1165/1256 3.06 4.50

Credits E	larned	Cum. GPA	Į	Expecte	ed Grades	Reasons		Туре		Majors	
00-27	13	0.00-0.99	0	A	22	Required for Majors	28	Graduate	0	Major	0
28-55	4	1.00-1.99	2	В	19						
56-83	2	2.00-2.99	5	C	2	General	4	Under-grad	50	Non-major	20
84-150	9	3.00-3.49	12	D	0						
Grad.	0	3.50-4.00	7	F	0	Electives	4	#### - Means	there	are not enough	ı
				P	0			responses to	be sig	gnificant	
				I	0	Other	6				
				?	1						

Student Course Evaluation Questionnaire

	Frequ NR NA 1 2					s			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	1	5	8	12	4.19	918/1481	4.13	4.76	4.29	4.14	4.19
2. Did the instructor make clear the expected goals	0	0	0	1	1	7	17	4.54		4.48	4.70	4.23	4.18	4.54
3. Did the exam questions reflect the expected goals	0	0	0	0	2	6	18	4.62	393/1249	4.67	4.70	4.27	4.14	4.62
4. Did other evaluations reflect the expected goals	0	10	3	1	8	1	3	3.00	1361/1424	3.56	4.62	4.21	4.06	3.00
5. Did assigned readings contribute to what you learned	0	3	0	1	4	3	15	4.39	387/1396	4.28	4.42	3.98	3.89	4.39
6. Did written assignments contribute to what you learned	0	8	5	3	4	2	4	2.83	1313/1342	2.83	4.29	4.07	3.88	2.83
7. Was the grading system clearly explained	1	0	0	0	0	8	17	4.68	264/1459	4.70	4.45	4.16	4.17	4.68
8. How many times was class cancelled	0	0	0	0	0	0	26	5.00	1/1480	4.98	4.52		4.64	5.00
9. How would you grade the overall teaching effectiveness	1	0	0	0	9	11	5	3.84	1022/1450	3.92	4.64	4.09	3.97	3.84
Lecture	-					_								
1. Were the instructor's lectures well prepared	1	0	0	0	Ţ	5	19		/		4.43		4.36	4.72
2. Did the instructor seem interested in the subject	Ţ	0	0	1	0	4	20	4.72	899/1407	4.82	4.74	4.69	4.57	4.72
3. Was lecture material presented and explained clearly	2	0	0	0	3	6	15	4.50	567/1399	4.56	4.65	4.26	4.23	4.50
4. Did the lectures contribute to what you learned	1	0	0	0	6	4		4.36	754/1400	4.31		4.27	4.19	4.36
5. Did audiovisual techniques enhance your understanding	0	18	1	1	1	1	4	3.75	793/1179	3.73	4.59	3.96	3.85	3.75
Discussion														
1. Did class discussions contribute to what you learned	19	0	0	0	1	2	4	4.43	418/1262	4.02	4 47	4.05	3.77	4.43
2. Were all students actively encouraged to participate	19	0	0	1	2	1	3		1002/1259	4.04	4.59	4.29	4.06	3.86
3. Did the instructor encourage fair and open discussion	19	0	0	0	2	2	3	4.14		4.07	4.50	4.30	4.08	4.14
4. Were special techniques successful	19	5	0	0	1	1	0		****/ 788	****	4.55		3.80	****
1. Nere spectar countiques successfur	17	5	Ū	Ŭ	-	-	Ū	5.50	, ,00		1.55	1.00	5.00	
Laboratory														
2. Were you provided with adequate background information	24	0	1	0	1	0	0	2.00	****/ 249	* * * *	5.00	4.11	3.95	* * * *
Field Work														
1. Did field experience contribute to what you learned	24	0	1	0	1	0	0	2.00	****/ 59	* * * *	5.00	4.30	4.00	* * * *
2. Did you clearly understand your evaluation criteria	24	0	1	0	1	0	0	2.00	****/ 51	* * * *	4.25	4.00	3.44	* * * *
Self Paced			_	_		-	-							
1. Did self-paced system contribute to what you learned	24	0	1	0	1	0	0	2.00	****/ 55	****	4.89	4.55	4.48	* * * *
2. Did study questions make clear the expected goal	24	1	0	0	0	1	0	4.00	****/ 31	* * * *	5.00	4.75	4.42	* * * *

Credits H	Earned	Cum. GPA		Expecte	d Grades	Reasons		Туре		Majors	
00-27	4	0.00-0.99	0	A	14	Required for Majors	15	Graduate	0	Major	0
28-55	5	1.00-1.99	0	В	9						
56-83	4	2.00-2.99	6	C	2	General	8	Under-grad	26	Non-major	12
84-150	3	3.00-3.49	6	D	0						
Grad.	0	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	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	Mean	Mean	Mean
General														
1. Did you gain new insights,skills from this course	1	0	1	1	8	4	15	4.07	1031/1481	4.13	4.76	4.29	4.14	4.07
2. Did the instructor make clear the expected goals	1	0	1	0	3	7	18	4.41	646/1481	4.48	4.70	4.23	4.18	4.41
3. Did the exam questions reflect the expected goals	1	0	1	0	0	4	24	4.72	270/1249	4.67	4.70	4.27	4.14	4.72
4. Did other evaluations reflect the expected goals	1	20	0	1	2	1	5	4.11	896/1424	3.56	4.62	4.21	4.06	4.11
5. Did assigned readings contribute to what you learned	1	6	2	1	1	6	13	4.17	574/1396	4.28	4.42	3.98	3.89	4.17
6. Did written assignments contribute to what you learned	1	25	1	0	0	0	3	4.00	****/1342	2.83	4.29	4.07	3.88	* * * *
7. Was the grading system clearly explained	1	0	0	0	2	4	23	4.72	217/1459		4.45	4.16	4.17	4.72
8. How many times was class cancelled	1	1	0	0	0	1	27	4.96	281/1480		4.52	4.68	4.64	4.96
9. How would you grade the overall teaching effectiveness	3	0	0	0	7	13	7	4.00	836/1450	3.92	4.64	4.09	3.97	4.00
Lecture														
1. Were the instructor's lectures well prepared	1	0	0	0	2	8	19	4.59	670/1409	4.65	4.43	4.42	4.36	4.59
2. Did the instructor seem interested in the subject	2	0	0	0	0	2	26	4.93	400/1407	4.82	4.74	4.69	4.57	4.93
3. Was lecture material presented and explained clearly	1	0	0	0	2	7	20	4.62	431/1399	4.56	4.65	4.26	4.23	4.62
4. Did the lectures contribute to what you learned	1	2	1	1	4	5	16	4.26	867/1400	4.31	4.59	4.27	4.19	4.26
5. Did audiovisual techniques enhance your understanding	1	15	2	0	4	2	6	3.71	820/1179	3.73	4.59	3.96	3.85	3.71
Discussion														
1. Did class discussions contribute to what you learned	7	0	4	2	3	4	10	3.61	958/1262	4.02	4.47	4.05	3.77	3.61
2. Were all students actively encouraged to participate	8	0	0	3	2	4	13	4.23	803/1259		4.59	4.29	4.06	4.23
3. Did the instructor encourage fair and open discussion	9	0	0	2	6	3	10	4.00	901/1256		4.50	4.30	4.08	4.00
4. Were special techniques successful	8	15	1	0	2	0	4		****/ 788		4.55	4.00	3.80	* * * *

Credits E	arned	Cum. GPA	Į	Expecte	d Grades	Reasons		Туре		Majors	
00-27	1	0.00-0.99	0	A	22	Required for Majors	17	Graduate	0	Major	0
28-55	8	1.00-1.99	0	В	4						
56-83	б	2.00-2.99	3	С	3	General	8	Under-grad	30	Non-major	6
84-150	10	3.00-3.49	11	D	0						
Grad.	0	3.50-4.00	5	F	0	Electives	1	#### - Means	there	are not enough	L
				P	0			responses to	be sig	gnificant	
				I	0	Other	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	Mean	Mean	Mean
General														
1. Did you gain new insights,skills from this course	0	0	0	0	0	0	11	5.00	1/1481	4.91	4.76	4.29	4.14	5.00
2. Did the instructor make clear the expected goals	0	0	0	0	0	0	11	5.00	1/1481	4.80	4.70	4.23	4.18	5.00
3. Did the exam questions reflect the expected goals	0	0	0	0	0	0	11	5.00	1/1249	4.95	4.70	4.27	4.14	5.00
4. Did other evaluations reflect the expected goals	0	2	0	0	0	0	9	5.00	1/1424	4.83	4.62	4.21	4.06	5.00
5. Did assigned readings contribute to what you learned	0	3	0	0	1	0	7	4.75	136/1396	4.57	4.42	3.98	3.89	4.75
6. Did written assignments contribute to what you learned	0	8	0	0	1	0	2	4.33	474/1342	4.33	4.29	4.07	3.88	4.33
7. Was the grading system clearly explained	0	1	0	0	0	3	7	4.70	242/1459	4.41	4.45	4.16	4.17	4.70
8. How many times was class cancelled	0	0	0	0	0	б	5	4.45	1079/1480	4.32	4.52	4.68	4.64	4.45
9. How would you grade the overall teaching effectiveness	1	0	0	0	0	1	9	4.90	99/1450	4.73	4.64	4.09	3.97	4.90
Lecture														
1. Were the instructor's lectures well prepared	2	0	0	0	1	0	8	4.78	383/1409	4.81	4.43	4.42	4.36	4.78
2. Did the instructor seem interested in the subject	2	0	0	0	1	0	8	4.78	785/1407	4.81	4.74	4.69	4.57	4.78
3. Was lecture material presented and explained clearly	2	0	0	1	0	0	8	4.67	376/1399	4.75	4.65	4.26	4.23	4.67
4. Did the lectures contribute to what you learned	2	0	0	0	0	1	8	4.89	166/1400	4.86	4.59	4.27	4.19	4.89
5. Did audiovisual techniques enhance your understanding	2	5	0	0	0	1	3	4.75	134/1179	4.54	4.59	3.96	3.85	4.75
Laboratory														
1. Did the lab increase understanding of the material	10	0	0	0	0	0	1	5.00	****/ 246	* * * *	4.00	4.20	3.93	* * * *
3. Were necessary materials available for lab activities	10	0	0	0	0	0	1	5.00	****/ 242	* * * *	5.00	4.40	4.33	* * * *

Credits 1	Earned	Cum. GPA		Expected	Grades	Reasons		Туре		Majors	
00-27	2	0.00-0.99	0	А	7	Required for Majors	0	Graduate (0 M	lajor	0
28-55	2	1.00-1.99	0	В	1						
56-83	0	2.00-2.99	1	С	0	General	0	Under-grad 11	1 N	Ion-major	1
84-150	0	3.00-3.49	1	D	0						
Grad.	0	3.50-4.00	4	F	0	Electives	0	#### - Means th	here are	not enough	
				Р	0			responses to be	e signifi	.cant	
				I	0	Other	8				
				?	0						

Student Course Evaluation Questionnaire

			Frequencies					Inst	ructor	Course	Dept	UMBC	Level	Sect
Questions	NR	NA	1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
General														
1. Did you gain new insights,skills from this course	1	0	0	0	0	2	9	4.82	225/1481	4.91	4.76	4.29	4.14	4.82
2. Did the instructor make clear the expected goals	2	0	0	0	0	4	б	4.60	399/1481	4.80	4.70	4.23	4.18	4.60
3. Did the exam questions reflect the expected goals	1	0	0	0	0	1	10	4.91	142/1249	4.95	4.70	4.27	4.14	4.91
4. Did other evaluations reflect the expected goals	1	2	0	0	0	3	б	4.67	287/1424	4.83	4.62	4.21	4.06	4.67
5. Did assigned readings contribute to what you learned	1	б	0	0	0	3	2	4.40	380/1396	4.57	4.42	3.98	3.89	4.40
6. Did written assignments contribute to what you learned	1	10	0	0	0	1	0	4.00	****/1342	4.33	4.29	4.07	3.88	* * * *
7. Was the grading system clearly explained	1	2	0	2	0	2	5	4.11	899/1459	4.41	4.45	4.16	4.17	4.11
8. How many times was class cancelled	1	0	0	0	2	5	4		1267/1480		4.52	4.68	4.64	4.18
9. How would you grade the overall teaching effectiveness	3	0	0	0	0	4	5	4.56	296/1450	4.73	4.64	4.09	3.97	4.56
Lecture														
1. Were the instructor's lectures well prepared	6	0	0	0	0	1	5	4.83	290/1409	4.81	4.43	4.42	4.36	4.83
2. Did the instructor seem interested in the subject	6	0	0	0	0	1	5	4.83	659/1407	4.81	4.74	4.69	4.57	4.83
3. Was lecture material presented and explained clearly	б	0	0	0	0	1	5	4.83	187/1399	4.75	4.65	4.26	4.23	4.83
4. Did the lectures contribute to what you learned	б	0	0	0	0	1	5	4.83	218/1400	4.86	4.59	4.27	4.19	4.83
5. Did audiovisual techniques enhance your understanding	6	3	0	0	0	2	1	4.33	384/1179	4.54	4.59	3.96	3.85	4.33
Discussion														
1. Did class discussions contribute to what you learned	8	0	0	0	1	1	2	4.25	570/1262	4.25	4.47	4.05	3.77	4.25
2. Were all students actively encouraged to participate	7	0	0	0	0	1	4	4.80	304/1259	4.80	4.59	4.29	4.06	4.80
3. Did the instructor encourage fair and open discussion	8	0	0	0	2	1	1		1042/1256	3.75	4.50	4.30	4.08	3.75
4. Were special techniques successful	8	2	0	1	0	0	1		****/ 788		4.55	4.00	3.80	****

Credits Ea	arned	Cum. GPA	L L	Expected	l Grades	Reasons		Туре		Majors	
00-27	2	0.00-0.99	0	 А	9	Required for Majors	0	Graduate	0	Major	0
28-55	2	1.00-1.99	0	В	1						
56-83	1	2.00-2.99	2	С	0	General	0	Under-grad	12	Non-major	2
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	0	Other	10				
				?	0						

Student Course Evaluation Questionnaire

		Fre	equer	ncies	3		Instru		Course	-	UMBC	Level	Sect	
Questions	NR	NA	1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
General														
1. Did you gain new insights,skills from this course	0	0	0	0	0	0	1	5.00	1/1481	5.00	4.76	4.29	4.14	5.00
2. Did the instructor make clear the expected goals	0	0	0	0	0	0	1	5.00	1/1481	5.00	4.70	4.23	4.18	5.00
4. Did other evaluations reflect the expected goals	0	0	0	0	0	0	1	5.00	1/1424	5.00	4.62	4.21	4.06	5.00
5. Did assigned readings contribute to what you learned	0	0	0	0	0	0	1	5.00	1/1396	5.00	4.42	3.98	3.89	5.00
6. Did written assignments contribute to what you learned	0	0	0	0	0	0	1	5.00	1/1342	5.00	4.29	4.07	3.88	5.00
8. How many times was class cancelled	0	0	0	0	0	0	1	5.00	1/1480	5.00	4.52	4.68	4.64	5.00
9. How would you grade the overall teaching effectiveness	0	0	0	0	0	0	1	5.00	1/1450	5.00	4.64	4.09	3.97	5.00
Discussion														
1. Did class discussions contribute to what you learned	0	0	0	0	0	0	1	5.00	1/1262	5.00	4.47	4.05	3.77	5.00
2. Were all students actively encouraged to participate	0	0	0	0	0	0	1	5.00	1/1259	5.00	4.59	4.29	4.06	5.00
3. Did the instructor encourage fair and open discussion	0	0	0	0	0	0	1	5.00	1/1256	5.00	4.50	4.30	4.08	5.00
4. Were special techniques successful	0	0	0	0	0	0	1	5.00	1/ 788	5.00	4.55	4.00	3.80	5.00

Credits	Earned	Cum. GPA	7	Expected	l Grades	Reasons		Туре		Majors	
00-27	0	0.00-0.99	0	A	0	Required for Majors	0	Graduate	0	Major	0
28-55	0	1.00-1.99	0	В	0						
56-83	0	2.00-2.99	0	С	0	General	0	Under-grad	1	Non-major	1
84-150	0	3.00-3.49	0	D	0						
Grad.	0	3.50-4.00	0	F	0	Electives	0	#### - Means	there	are not enough	
				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	0	3	17	4.85	196/1481	4.85	4.76	4.29	4.14	4.85
2. Did the instructor make clear the expected goals	0	0	0	0	2	4	14	4.60	399/1481	4.60	4.70	4.23	4.18	4.60
3. Did the exam questions reflect the expected goals	0	0	0	0	2	3	15	4.65	346/1249	4.65	4.70	4.27	4.14	4.65
4. Did other evaluations reflect the expected goals	0	2	0	0	2	2	14	4.67	287/1424	4.67	4.62	4.21	4.06	4.67
5. Did assigned readings contribute to what you learned	0	2	0	0	1	7	10	4.50	297/1396	4.50	4.42	3.98	3.89	4.50
6. Did written assignments contribute to what you learned	0	4	0	0	1	4	11	4.63	222/1342	4.63	4.29	4.07	3.88	4.63
7. Was the grading system clearly explained	0	1	1	0	2	5	11	4.32	719/1459	4.32	4.45	4.16	4.17	4.32
8. How many times was class cancelled	1	0	0	0	0	2	17	4.89	715/1480	4.89	4.52	4.68	4.64	4.89
9. How would you grade the overall teaching effectiveness	6	0	0	0	0	б	8	4.57	281/1450	4.57	4.64	4.09	3.97	4.57
Lecture														
1. Were the instructor's lectures well prepared	2	0	0	0	2	3	13	4.61	633/1409	4.61	4.43	4.42	4.36	4.61
2. Did the instructor seem interested in the subject	2	0	0	0	0	2	16	4.89	545/1407	4.89	4.74	4.69	4.57	4.89
3. Was lecture material presented and explained clearly	2	0	0	0	1	4	13	4.67	376/1399	4.67	4.65	4.26	4.23	4.67
4. Did the lectures contribute to what you learned	2	0	0	0	0	б	12	4.67	421/1400	4.67	4.59	4.27	4.19	4.67
5. Did audiovisual techniques enhance your understanding	3	2	0	0	0	3	12	4.80	111/1179	4.80	4.59	3.96	3.85	4.80
Discussion														
1. Did class discussions contribute to what you learned	12	0	0	0	0	1	7	4.88	138/1262	4.88	4.47	4.05	3.77	4.88
2. Were all students actively encouraged to participate	12	0	Ő	0	0	0	, 8	5.00	1/1259		4.59	4.29	4.06	5.00
3. Did the instructor encourage fair and open discussion	12	0	0	0	0	0	8	5.00	1/1256		4.50	4.30	4.08	5.00
4. Were special techniques successful	12	1	0	0	0	1	6	4.86	83/ 788		4.55	4.00	3.80	4.86

Credits Ea	arned	Cum. GPA	L L	Expecte	ed Grades	Reasons		Туре		Majors	
00-27	4	0.00-0.99	1	А А	11	Required for Majors	1	Graduate	0	Major	0
28-55	4	1.00-1.99	0	В	6						
56-83	2	2.00-2.99	1	С	1	General	0	Under-grad	20	Non-major	4
84-150	0	3.00-3.49	1	D	0						
Grad.	0	3.50-4.00	8	F	0	Electives	0	#### - Means	there	are not enough	
				P	0			responses to	be sig	gnificant	
				I	0	Other	16				
				?	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	7	0	0	1	1	2	5	4.22	883/1481	4.29	4.76	4.29	4.14	4.22
2. Did the instructor make clear the expected goals	7	0	0	1	1	2	5	4.22	854/1481	4.24	4.70	4.23	4.18	4.22
3. Did the exam questions reflect the expected goals	7	б	0	0	1	0	2	4.33	****/1249	3.71	4.70	4.27	4.14	* * * *
4. Did other evaluations reflect the expected goals	7	1	0	1	2	1	4	4.00	959/1424	4.13	4.62	4.21	4.06	4.00
5. Did assigned readings contribute to what you learned	7	0	1	1	1	б	0	3.33	1167/1396	3.32	4.42	3.98	3.89	3.33
6. Did written assignments contribute to what you learned	7	1	1	2	1	4	0	3.00	1269/1342	2.96	4.29	4.07	3.88	3.00
7. Was the grading system clearly explained	7	2	0	1	2	3	1	3.57	1236/1459	3.67	4.45	4.16	4.17	3.57
8. How many times was class cancelled	7	2	0	0	0	0	7	5.00	1/1480	4.92	4.52	4.68	4.64	5.00
9. How would you grade the overall teaching effectiveness	8	0	0	1	2	2	3	3.88	997/1450	4.16	4.64	4.09	3.97	3.88
Lecture														
1. Were the instructor's lectures well prepared	8	0	0	1	1	2	4	4.13	1110/1409	4.19	4.43	4.42	4.36	4.13
2. Did the instructor seem interested in the subject	8	0	0	0	0	0	8	5.00	1/1407	4.88	4.74	4.69	4.57	5.00
3. Was lecture material presented and explained clearly	8	0	1	1	0	1	5	4.00	1002/1399	4.22	4.65	4.26	4.23	4.00
4. Did the lectures contribute to what you learned	8	0	1	0	1	1	5	4.13	969/1400		4.59	4.27	4.19	4.13
5. Did audiovisual techniques enhance your understanding	8	б	0	0	0	0	2	5.00	****/1179	4.00	4.59	3.96	3.85	* * * *
Discussion														
	0	0	1	1	0	1	4	3.86	829/1262	4.21	4.47	4.05	3.77	3.86
1. Did class discussions contribute to what you learned	9	0	0	0	0	1	4 6	4.86	257/1259	4.21	4.47	4.05	4.06	3.00 4.86
 Were all students actively encouraged to participate Did the instructor encourage fair and open discussion 	9 9	0	0	0	1	1	ь 5	4.80	532/1259		4.59	4.29	4.08	4.80
4. Were special techniques successful	9	2	0	0	⊥ 1	1 2	2	4.57	318/ 788		4.50	4.30	4.08	4.57
4. Were special techniques successful	9	2	U	U	T	2	2	4.20	310/ /88	4.1/	4.55	4.00	5.80	4.20

Credits Ea	arned	Cum. GPA	L	Expected	d Grades	Reasons		Туре		Majors	
00-27	5	0.00-0.99	1	А	4	Required for Majors	2	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	7	Under-grad	16	Non-major	8
84-150	1	3.00-3.49	3	D	0						
Grad.	0	3.50-4.00	2	F	0	Electives	0	#### - Means	there	are not enough	L
				P	0			responses to	be sig	nificant	
				I	0	Other	0				
				?	0						

Student Course Evaluation Questionnaire

Questions	NR	NTA	Fre 1	equer 2	ncies 3	5 4	5	Inst Mean	ructor Rank	Course	-		Level Mean	
Quescions		INA 	⊥ 			4		Mean	Ralik	Mean			Mean	Mean
General														
1. Did you gain new insights, skills from this course	0	0	0	0	4	5	11	4.35	729/1481	4.29	4.76	4.29	4.14	4.35
2. Did the instructor make clear the expected goals	0	0	0	1	4	4	11	4.25	822/1481			4.23	4.18	4.25
3. Did the exam questions reflect the expected goals	2	11	0	0	4	1	2	3.71	1066/1249	3.71	4.70	4.27	4.14	3.71
4. Did other evaluations reflect the expected goals	1	0	0	1	2	7	9	4.26	728/1424	4.13	4.62	4.21	4.06	4.26
5. Did assigned readings contribute to what you learned	1	6	2	0	5	4	2	3.31	1181/1396	3.32	4.42	3.98	3.89	3.31
6. Did written assignments contribute to what you learned	1	6	2	2	5	3	1	2.92	1296/1342	2.96	4.29	4.07	3.88	2.92
7. Was the grading system clearly explained	2	1	1	0	6	5	5	3.76	1148/1459	3.67	4.45	4.16	4.17	3.76
8. How many times was class cancelled	1	0	0	0	0	3	16	4.84	- /	4.92	4.52	4.68	4.64	4.84
9. How would you grade the overall teaching effectiveness	3	1	0	0	3	3	10	4.44	431/1450	4.16	4.64	4.09	3.97	4.44
Lecture		-		_		_	_							
1. Were the instructor's lectures well prepared	4	0	0	1	2	5	8		1031/1409	4.19	4.43	4.42	4.36	4.25
2. Did the instructor seem interested in the subject	4	0	0	0	1	2	13	4.75	823/1407	4.88	4.74	4.69	4.57	4.75
3. Was lecture material presented and explained clearly	4 4	0 0	0 0	0 0	3 3	3	10	4.44 4.38	648/1399	4.22	4.65	4.26	4.23	4.44 4.38
4. Did the lectures contribute to what you learned 5. Did audiovisual techniques enhance your understanding	4	0	0	1	3	4	9	4.38	741/1400 590/1179	4.25 4.00	4.59 4.59	4.27 3.96	4.19	4.38
5. Did audiovisual techniques enhance your understanding	4	8	0	T	0	5	2	4.00	590/11/9	4.00	4.59	3.96	3.85	4.00
Discussion														
1. Did class discussions contribute to what you learned	11	0	0	0	1	2	6	4.56	320/1262	4.21	4.47	4.05	3.77	4.56
2. Were all students actively encouraged to participate	11	0	0	0	1	3	5	4.44		4.65	4.59	4.29	4.06	4.44
3. Did the instructor encourage fair and open discussion	11	0	0	0	1	1	7	4.67	457/1256		4.50	4.30	4.08	4.67
4. Were special techniques successful	11	2	0	1	1	1	4	4.14	347/ 788	4.17	4.55	4.00	3.80	4.14
Field Work														
1. Did field experience contribute to what you learned	19	0	1	0	0	0	0	1.00	****/ 59	* * * *	5.00	4.30	4.00	* * * *
Self Paced														
1. Did self-paced system contribute to what you learned	18	0	0	0	1	0	1	1.00	****/ 55	* * * *	4.89	4.55	4.48	* * * *
2. Did study questions make clear the expected goal	18	1	0	0	1	0	0		****/ 31		5.00	4.75	4.42	* * * *
3. Were your contacts with the instructor helpful	18	0	0	0	1	0	1		****/ 51		4.92	4.65	4.63	* * * *
4. Was the feedback/tutoring by proctors helpful	18	1	0	0	1	0	0		****/ 34	****	4.96	4.83	4.67	* * * *
5. Were there enough proctors for all the students	18	1	0	0	1	0	0	3.00	****/ 24	* * * *	5.00	4.82	4.58	* * * *

Credits Ea	arned	Cum. GPA		Expecte	d Grades	Reasons		Туре		Majors	
00-27	1	0.00-0.99	1	A	15	Required for Majors	1	Graduate	0	Major	0
28-55	4	1.00-1.99	0	В	2						
56-83	3	2.00-2.99	3	С	0	General	12	Under-grad	20	Non-major	7
84-150	4	3.00-3.49	5	D	0						
Grad.	0	3.50-4.00	4	F	0	Electives	4	#### - Means	there	are not enough	
				P	0			responses to	be sig	gnificant	
				I	0	Other	1	-			
				?	1						

Student Course Evaluation Questionnaire

Questions NR NA 1 2 3 4 5 Mean				Fre	equer	ncies	5		Inst	ructor	Course	Dept	UMBC	Level	Sect
1. Did you gain new insights, skills from this course 0 0 0 0 1 8 4.89 173/1481 4.89 4.76 4.29 4.14 4.89 2. Did the instructor make clear the expected goals 0 0 0 0 0 9 5.00 1/1481 5.00 4.70 4.23 4.18 5.00 3. Did the exam questions reflect the expected goals 0 2 0 0 2 5 4.71 278/1249 4.71 4.70 4.27 4.14 4.71 4. Did other evaluations reflect the expected goals 0 2 0 0 1 6 4.86 157/1424 4.86 4.62 4.21 4.06 4.86 5. Did assigned readings contribute to what you learned 0 4 1 0 0 2 3.80 877/1396 3.80 4.42 3.98 3.89 3.80	Questions	NR	NA	1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
2. Did the instructor make clear the expected goals00000095.001/14815.004.704.234.185.003. Did the exam questions reflect the expected goals0200254.71278/12494.714.704.274.144.714. Did other evaluations reflect the expected goals0200164.86157/14244.864.624.214.064.865. Did assigned readings contribute to what you learned04100223.80877/13963.804.423.983.893.80	General														
3. Did the exam questions reflect the expected goals 0 2 0 0 2 5 4.71 278/1249 4.71 4.70 4.27 4.14 4.71 4. Did other evaluations reflect the expected goals 0 2 0 0 1 6 4.86 157/1424 4.86 4.62 4.21 4.06 4.86 5. Did assigned readings contribute to what you learned 0 4 1 0 0 2 3.80 877/1396 3.80 4.42 3.98 3.89 3.80	1. Did you gain new insights,skills from this course	0	0	0	0	0	1	8	4.89	173/1481	4.89	4.76	4.29	4.14	4.89
4. Did other evaluations reflect the expected goals 0 2 0 0 1 6 4.86 157/1424 4.86 4.62 4.21 4.06 4.86 5. Did assigned readings contribute to what you learned 0 4 1 0 2 3.80 877/1396 3.80 4.42 3.98 3.89 3.80	2. Did the instructor make clear the expected goals	0	0	0	0	0	0	9	5.00	1/1481	5.00	4.70	4.23	4.18	5.00
5. Did assigned readings contribute to what you learned 0 4 1 0 0 2 2 3.80 877/1396 3.80 4.42 3.98 3.89 3.80	3. Did the exam questions reflect the expected goals	0	2	0	0	0	2	5	4.71	278/1249	4.71	4.70	4.27	4.14	4.71
	4. Did other evaluations reflect the expected goals	0	2	0	0	0	1	6	4.86	157/1424	4.86	4.62	4.21	4.06	4.86
6 Did written accimments contribute to what you learned $0.8 0.0 0.1 5.00 ****/1242 **** 4.20 4.07 3.88 ****$	5. Did assigned readings contribute to what you learned	0	4	1	0	0	2	2	3.80	877/1396	3.80	4.42	3.98	3.89	3.80
0. Did wirtelen absignments contribute to what you rearried $0.00000000000000000000000000000000000$	6. Did written assignments contribute to what you learned	0	8	0	0	0	0	1	5.00	****/1342	* * * *	4.29	4.07	3.88	* * * *
7. Was the grading system clearly explained 0 0 0 0 3 3.67 1201/1459 3.67 4.16 4.17 3.67	7. Was the grading system clearly explained	0	0	0	0	б	0	3	3.67	1201/1459	3.67	4.45	4.16	4.17	3.67
8. How many times was class cancelled 0 0 0 0 0 9 0 4.00 1349/1480 4.00 4.52 4.68 4.64 4.00	8. How many times was class cancelled	0	0	0	0	0	9	0	4.00	1349/1480	4.00	4.52	4.68	4.64	4.00
9. How would you grade the overall teaching effectiveness 3 0 0 0 0 1 5 4.83 127/1450 4.83 4.64 4.09 3.97 4.83	9. How would you grade the overall teaching effectiveness	3	0	0	0	0	1	5	4.83	127/1450	4.83	4.64	4.09	3.97	4.83
Lecture	Lecture														
1. Were the instructor's lectures well prepared 4 0 0 0 0 0 5 5.00 1/1409 5.00 4.43 4.42 4.36 5.00		4	0	0	0	0	0	5	5 00	1/1409	5 00	4 43	4 4 2	4 36	5 00
2. Did the instructor seem interested in the subject $4 \ 0 \ 0 \ 0 \ 0 \ 0 \ 5 \ 5.00 \ 1/1407 \ 5.00 \ 4.74 \ 4.69 \ 4.57 \ 5.00 \ 5$		4	-	-	-	0	0	5		,					
3. Was lecture material presented and explained clearly 4 0 0 0 0 0 5 5.00 1/1399 5.00 4.65 4.26 4.23 5.00	-	-	-	-	-	-	-	0		, -					
4. Did the lectures contribute to what you learned $4 \ 0 \ 0 \ 0 \ 0 \ 0 \ 5 \ 5.00 \ 1/1400 \ 5.00 \ 4.59 \ 4.27 \ 4.19 \ 5.00 \ 5.0$							-	5							
5. Did audiovisual techniques enhance your understanding 4 3 0 0 0 0 2 5.00 ****/1179 **** 4.59 3.96 3.85 ****			-	0	0	0	0	2		,					
	······································	_	-	-	-	-	-	_		,,					
Discussion	Discussion														
1. Did class discussions contribute to what you learned 6 0 0 0 0 1 2 4.67 264/1262 4.67 4.47 4.05 3.77 4.67	1. Did class discussions contribute to what you learned	6	0	0	0	0	1	2	4.67	264/1262	4.67	4.47	4.05	3.77	4.67
2. Were all students actively encouraged to participate 6 0 0 0 0 1 2 4.67 451/1259 4.67 4.59 4.29 4.06 4.67	2. Were all students actively encouraged to participate	6	0	0	0	0	1	2	4.67	451/1259	4.67	4.59	4.29	4.06	4.67
3. Did the instructor encourage fair and open discussion 6 0 0 0 0 1 2 4.67 457/1256 4.67 4.50 4.30 4.08 4.67	3. Did the instructor encourage fair and open discussion	6	0	0	0	0	1	2	4.67	457/1256	4.67	4.50	4.30	4.08	4.67
4. Were special techniques successful 6 1 0 0 0 0 2 5.00 ****/ 788 **** 4.55 4.00 3.80 ****	4. Were special techniques successful	6	1	0	0	0	0	2	5.00	****/ 788	* * * *	4.55	4.00	3.80	* * * *

Credits Ea	arned	Cum. GPA		Expected	l Grades	Reasons		Туре		Majors	
00-27	2	0.00-0.99	0	А	8	Required for Majors	0	Graduate	0	Major	0
28-55	0	1.00-1.99	0	В	0						
56-83	0	2.00-2.99	1	С	0	General	8	Under-grad	9	Non-major	3
84-150	3	3.00-3.49	4	D	0						
Grad.	0	3.50-4.00	1	F	0	Electives	1	#### - Means	there	are not enough	
				P	0			responses to	be sig	gnificant	
				I	0	Other	0	_			
				?	0						

Student Course Evaluation Questionnaire

			Fre	eque	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	0	3	2	4	3.80	1225/1481	3.80	4.76	4.29	4.14	3.80
2. Did the instructor make clear the expected goals	0	0	1	0	1	3	5	4.10	959/1481	4.10	4.70	4.23	4.18	4.10
3. Did the exam questions reflect the expected goals	0	1	0	1	0	2	б	4.44	573/1249	4.44	4.70	4.27	4.14	4.44
4. Did other evaluations reflect the expected goals	0	2	0	0	3	1	4	4.13	885/1424	4.13	4.62	4.21	4.06	4.13
5. Did assigned readings contribute to what you learned	0	6	1	0	0	2	1	3.50	1083/1396	3.50	4.42	3.98	3.89	3.50
6. Did written assignments contribute to what you learned	0	3	2	0	2	1	2	3.14	1241/1342	3.14	4.29	4.07	3.88	3.14
7. Was the grading system clearly explained	0	0	1	1	2	3	3	3.60	1228/1459	3.60	4.45	4.16	4.17	3.60
8. How many times was class cancelled	0	0	0	0	10	0	0	3.00	1469/1480	3.00	4.52	4.68	4.64	3.00
9. How would you grade the overall teaching effectiveness	3	1	1	0	0	2	3	4.00	836/1450	4.00	4.64	4.09	3.97	4.00
Lecture														
1. Were the instructor's lectures well prepared	5	0	1	0	1	0	3	3.80	1238/1409	3.80	4.43	4.42	4.36	3.80
2. Did the instructor seem interested in the subject	4	0	0	0	0	0	б	5.00	1/1407	5.00	4.74	4.69	4.57	5.00
3. Was lecture material presented and explained clearly	5	0	0	1	1	0	3	4.00	1002/1399	4.00	4.65	4.26	4.23	4.00
4. Did the lectures contribute to what you learned	5	0	1	0	1	1	2	3.60	1204/1400	3.60	4.59	4.27	4.19	3.60
5. Did audiovisual techniques enhance your understanding	4	2	1	0	1	0	2	3.50	894/1179	3.50	4.59	3.96	3.85	3.50
Discussion														
1. Did class discussions contribute to what you learned	8	0	0	0	1	1	0	3 50	****/1262	* * * *	4.47	4.05	3.77	* * * *
2. Were all students actively encouraged to participate	о 8	0	0	0	1	1	1		****/1252		4.47	4.05	4.06	****
3. Did the instructor encourage fair and open discussion	о 8	0	1	0		1	1		****/1259	****	4.59	4.29	4.08	* * * *
5. Did the instructor encourage fair and open discussion	0	0	T	0	0	T	0	2.50	/1250		ч.50	4.30	4.00	

Credits E	arned	Cum. GPA		Expected	l Grades	Reasons		Туре		Majors	
00-27	3	0.00-0.99	0	A	6	Required for Majors	2	Graduate	0	Major	0
28-55	1	1.00-1.99	1	В	0						
56-83	1	2.00-2.99	2	С	3	General	7	Under-grad	10	Non-major	2
84-150	1	3.00-3.49	1	D	0						
Grad.	0	3.50-4.00	2	F	0	Electives	0	#### - Means	there	are not enough	
				P	0			responses to	be sig	gnificant	
				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	0	3	9	4.75	292/1481	4.73	4.76	4.29	4.14	4.75
2. Did the instructor make clear the expected goals	0	0	0	0	1	1	10	4.75	228/1481	4.88	4.70	4.23	4.18	4.75
3. Did the exam questions reflect the expected goals	0	5	0	0	1	1	5	4.57	432/1249	4.79	4.70	4.27	4.14	4.57
4. Did other evaluations reflect the expected goals	0	2	0	0	1	1	8	4.70	263/1424	4.85	4.62	4.21	4.06	4.70
5. Did assigned readings contribute to what you learned	0	5	0	0	0	3	4	4.57	257/1396	4.79	4.42	3.98	3.89	4.57
6. Did written assignments contribute to what you learned	0	8	0	0	1	1	2	4.25	542/1342	4.63	4.29	4.07	3.88	4.25
7. Was the grading system clearly explained	0	0	0	0	1	3	8	4.58	367/1459	4.63	4.45	4.16	4.17	4.58
8. How many times was class cancelled	0	0	0	0	0	7	5	4.42	1107/1480	4.42	4.52	4.68	4.64	4.42
9. How would you grade the overall teaching effectiveness	5	0	0	0	1	4	2	4.14	741/1450	4.07	4.64	4.09	3.97	4.14
Lecture														
1. Were the instructor's lectures well prepared	6	0	0	0	1	2	3	4.33	968/1409	4.67	4.43	4.42	4.36	4.33
2. Did the instructor seem interested in the subject	6	0	0	0	0	3	3	4.50	1107/1407	4.75	4.74	4.69	4.57	4.50
3. Was lecture material presented and explained clearly	6	0	0	0	1	2	3	4.33	753/1399	4.67	4.65	4.26	4.23	4.33
4. Did the lectures contribute to what you learned	6	0	1	0	1	1	3	3.83	1110/1400	4.42	4.59	4.27	4.19	3.83
5. Did audiovisual techniques enhance your understanding	7	0	1	0	1	0	3	3.80	760/1179	3.80	4.59	3.96	3.85	3.80

Credits	Earned	Cum. GPA	7	Expected	l Grades	Reasons		Туре		Majors	
00-27	2	0.00-0.99	0	A	7	Required for Majors	0	Graduate	0	Major	0
28-55	2	1.00-1.99	0	В	3						
56-83	1	2.00-2.99	2	С	0	General	0	Under-grad	12	Non-major	5
84-150	0	3.00-3.49	2	D	0						
Grad.	0	3.50-4.00	2	F	0	Electives	1	#### - Means	there	are not enough	L
				P	0			responses to	be sig	gnificant	
				I	0	Other	8				
				?	0						

Student Course Evaluation Questionnaire

	Frequencies NR NA 1 2 3 4							Inst	ructor	Course	-	UMBC	Level	Sect
Questions	NR	NA	1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
General														
1. Did you gain new insights, skills from this course	0	0	0	0	0	2	5	4.71	340/1481	4.73	4.76	4.29	4.14	4.71
2. Did the instructor make clear the expected goals	0	0	0	0	0	0	7	5.00	1/1481	4.88	4.70	4.23	4.18	5.00
3. Did the exam questions reflect the expected goals	0	3	0	0	0	0	4	5.00	1/1249	4.79	4.70	4.27	4.14	5.00
4. Did other evaluations reflect the expected goals	0	1	0	0	0	0	б	5.00	1/1424	4.85	4.62	4.21	4.06	5.00
5. Did assigned readings contribute to what you learned	0	5	0	0	0	0	2	5.00	1/1396	4.79	4.42	3.98	3.89	5.00
6. Did written assignments contribute to what you learned	0	5	0	0	0	0	2	5.00	1/1342	4.63	4.29	4.07	3.88	5.00
7. Was the grading system clearly explained	0	1	0	0	1	0	5	4.67	276/1459	4.63	4.45	4.16	4.17	4.67
8. How many times was class cancelled	0	0	0	0	0	4	3	4.43	1100/1480	4.42	4.52	4.68	4.64	4.43
9. How would you grade the overall teaching effectiveness	0	0	0	0	2	3	2	4.00	836/1450	4.07	4.64	4.09	3.97	4.00
Lecture														
1. Were the instructor's lectures well prepared	5	0	0	0	0	0	2	5.00	1/1409	4.67	4.43	4.42	4.36	5.00
2. Did the instructor seem interested in the subject	5	0	0	0	0	0	2	5.00	1/1407	4.75	4.74	4.69	4.57	5.00
3. Was lecture material presented and explained clearly	5	0	0	0	0	0	2	5.00	1/1399	4.67	4.65	4.26	4.23	5.00
4. Did the lectures contribute to what you learned	5	0	0	0	0	0	2	5.00	1/1400	4.42	4.59	4.27	4.19	5.00
5. Did audiovisual techniques enhance your understanding	5	1	0	0	0	0	1	5.00	****/1179	3.80	4.59	3.96	3.85	* * * *
Discussion														
1. Did class discussions contribute to what you learned	6	0	0	0	0	0	1	5 00	****/1262	* * * *	4.47	4.05	3.77	* * * *
2. Were all students actively encouraged to participate	6	0	0	0	0	0	1		****/1259	* * * *	4.59	4.29	4.06	* * * *
3. Did the instructor encourage fair and open discussion	6	0	0	0	0	0	1		****/1256	* * * *	4.50	4.30	4.08	* * * *
4. Were special techniques successful	6	0	0	0	0	0	1		****/ 788	* * * *	4.55	4.00	3.80	* * * *
Self Paced	_						-							
1. Did self-paced system contribute to what you learned	5	0	0	0	0	T	T	4.50	39/ 55	4.50	4.89	4.55	4.48	4.50
2. Did study questions make clear the expected goal	5	1	0	0	0	0	1	5.00	****/ 31	****	5.00	4.75	4.42	****
3. Were your contacts with the instructor helpful	5	0	0	0	0	0	2	5.00	1/ 51	5.00	4.92	4.65	4.63	5.00
4. Was the feedback/tutoring by proctors helpful	5	0	0	0	0	1	1	4.50	30/ 34	4.50	4.96	4.83	4.67	4.50
5. Were there enough proctors for all the students	5	1	0	0	0	1	0	4.00	****/ 24	* * * *	5.00	4.82	4.58	* * * *

Credits E	arned	Cum. GPA		Expected	Grades	Reasons		Туре		Majors	
00-27	2	0.00-0.99	0	A	6	Required for Majors	0	Graduate	0	Major	0
28-55	2	1.00-1.99	0	В	0						
56-83	0	2.00-2.99	0	С	0	General	0	Under-grad	7	Non-major	0
84-150	0	3.00-3.49	0	D	0						
Grad.	0	3.50-4.00	5	F	0	Electives	0	#### - Means	there	are not enough	
				P	0			responses to	be sig	gnificant	
				I	0	Other	б	-			
				?	0						

Student Course Evaluation Questionnaire

				-	ncies		_		ructor	Course	-			
Questions	NR	NA	1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
General														
1. Did you gain new insights, skills from this course	0	0	0	0	0	1	4	4.80	233/1481	4.76	4.76	4.29	4.14	4.80
2. Did the instructor make clear the expected goals	0	0	0	0	0	1	4	4.80	183/1481	4.57	4.70	4.23	4.18	4.80
3. Did the exam questions reflect the expected goals	0	2	0	0	0	0	3	5.00	1/1249	5.00	4.70	4.27	4.14	5.00
4. Did other evaluations reflect the expected goals	1	2	0	0	0	1	1	4.50	437/1424	4.75	4.62	4.21	4.06	4.50
5. Did assigned readings contribute to what you learned	0	4	0	0	0	0	1	5.00	****/1396	* * * *	4.42	3.98	3.89	* * * *
6. Did written assignments contribute to what you learned	0	4	0	0	0	0	1	5.00	****/1342	* * * *	4.29	4.07	3.88	* * * *
7. Was the grading system clearly explained	0	0	0	0	0	1	4	4.80	161/1459	4.48	4.45	4.16	4.17	4.80
8. How many times was class cancelled	0	0	0	0	1	4	0	3.80	1434/1480	3.90	4.52	4.68		3.80
9. How would you grade the overall teaching effectiveness	1	0	0	0	0	2	2	4.50	334/1450	4.25	4.64	4.09	3.97	4.50
Lecture														* * * *
1. Were the instructor's lectures well prepared	4	0	0	0	0	0	1		****/1409	3.00	4.43	4.42	4.36	* * * *
2. Did the instructor seem interested in the subject	4	0	0	0	0	0	1		****/1407	2.00 ****	4.74	4.69	4.57	****
3. Was lecture material presented and explained clearly	4 4	0 0	0 0	0 0	0	0	1		****/1399 ****/1400	****	4.65 4.59	4.26 4.27	4.23 4.19	****
4. Did the lectures contribute to what you learned	4	0	0	0	0	0	T	5.00	****/1400	~ ~ ~ ~	4.59	4.2/	4.19	~ ~ ~ ~
Discussion														
2. Were all students actively encouraged to participate	4	0	0	0	0	0	1	5.00	****/1259	1.00	4.59	4.29	4.06	* * * *
3. Did the instructor encourage fair and open discussion	4	0	0	0	0	0	1		****/1256		4.50	4.30	4.08	* * * *
Laboratory														
1. Did the lab increase understanding of the material	4	0	0	0	0	0	1	5.00	****/ 246	* * * *	4.00	4.20	3.93	* * * *
2. Were you provided with adequate background information	4	0	0	0	0	0	1	5.00	****/ 249	* * * *	5.00	4.11	3.95	* * * *
3. Were necessary materials available for lab activities	4	0	0	0	0	0	1		****/ 242	* * * *	5.00	4.40	4.33	* * * *
4. Did the lab instructor provide assistance	4	0	0	0	0	0	1	5.00	****/ 240	* * * *	5.00	4.20	4.20	* * * *
Self Paced														
1. Did self-paced system contribute to what you learned	3	0	0	0	0	T	1	4.50	39/ 55	4.50	4.89	4.55	4.48	4.50
2. Did study questions make clear the expected goal	3	1	0	0	0	0	1		****/ 31	****	5.00	4.75	4.42	****
3. Were your contacts with the instructor helpful	3 3	0 1	0 0	0 0	1 0	0	1	4.00	43/ 51 ****/ 34	4.00 ****	4.92 4.96	4.65 4.83	4.63 4.67	4.00 ****
 Was the feedback/tutoring by proctors helpful Were there enough proctors for all the students 	3	⊥ 1	0	0	0	0	⊥ 1		****/ 24		4.96	4.83	4.67	****
5. Were there enough proctors for all the students	3	T	U	U	U	U	T	5.00	/ 24		5.00	4.82	4.58	

Credits E	arned	Cum. GPA		Expected	Grades	Reasons		Туре		Majors	
00-27	0	0.00-0.99	0	A	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	5	Non-major	2
84-150	2	3.00-3.49	1	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	4				
				?	0						

Student Course Evaluation Questionnaire

			Fre	equer	ncies	3		Inst	ructor	Course	Dept	UMBC	Level	Sect
Questions	NR	NA	1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
General														
1. Did you gain new insights, skills from this course	0	0	0	0	0	2	5	4.71	340/1481	4.76	4.76	4.29	4.14	4.71
2. Did the instructor make clear the expected goals	1	0	1	0	0	0	5	4.33	736/1481	4.57	4.70	4.23	4.18	4.33
3. Did the exam questions reflect the expected goals	0	2	0	0	0	0	5	5.00	1/1249	5.00	4.70	4.27	4.14	5.00
4. Did other evaluations reflect the expected goals	0	3	0	0	0	0	4	5.00	1/1424	4.75	4.62	4.21	4.06	5.00
5. Did assigned readings contribute to what you learned	1	5	0	0	1	0	0	3.00	****/1396	* * * *	4.42	3.98	3.89	* * * *
6. Did written assignments contribute to what you learned	1	5	0	0	0	0	1	5.00	****/1342	* * * *	4.29	4.07	3.88	* * * *
7. Was the grading system clearly explained	1	0	1	0	0	1	4	4.17	854/1459	4.48	4.45	4.16	4.17	4.17
8. How many times was class cancelled	1	1	1	0	0	1	3	4.00	1349/1480	3.90	4.52	4.68	4.64	4.00
9. How would you grade the overall teaching effectiveness	2	0	0	0	1	3	1	4.00	836/1450	4.25	4.64	4.09	3.97	4.00
Lecture														
1. Were the instructor's lectures well prepared	-	0	1	0	0	0	1	2 00	1356/1409	3.00	1 1 2	4.42	1 20	3.00
2. Did the instructor seem interested in the subject	5	0	1	0	1	0	1 0		1403/1409	2.00	$4.43 \\ 4.74$	4.42	4.36 4.57	2.00
3. Was lecture material presented and explained clearly	5	0	1	0	0	0	0		****/1399	∠.00 ****	4.74	4.89	4.23	∠.00 ****
	р Г	1	1	0	0	0	0		****/1399	****	4.65	4.20	4.23	****
4. Did the lectures contribute to what you learned	5	1	1	0	0	0	1		****/1179	****				****
5. Did audiovisual techniques enhance your understanding	5	T	0	0	0	0	T	5.00	···/11/9	~ ~ ~ ~	4.59	3.96	3.85	* * * *
Discussion														
1. Did class discussions contribute to what you learned	5	0	2	0	0	0	0	1.00	1260/1262	1.00	4.47	4.05	3.77	1.00
2. Were all students actively encouraged to participate	5	0	2	0	0	0	0	1.00	1257/1259	1.00	4.59	4.29	4.06	1.00
3. Did the instructor encourage fair and open discussion	5	0	1	0	0	0	1	3.00	1167/1256	3.00	4.50	4.30	4.08	3.00
4. Were special techniques successful	5	1	1	0	0	0	0	1.00	****/ 788	* * * *	4.55	4.00	3.80	* * * *
Self Paced														
1. Did self-paced system contribute to what you learned	6	0	0	0	0	0	1	F 00	****/ 55	4.50	4.89	4.55	4.48	* * * *
2. Did study questions make clear the expected goal	6	0	0	0	0	0	1		****/ 31	****	5.00	4.75	4.40	* * * *
3. Were your contacts with the instructor helpful	6	0	0	0	0	0	1		****/ 51		4.92	4.75	4.42	****
	c c	-	-	-	-	0	1		****/ 34	4.00				****
4. Was the feedback/tutoring by proctors helpful	6	0	0	0 0	0	0	⊥ 1		****/ 24	****	4.96 5.00	4.83	4.67	****
5. Were there enough proctors for all the students	б	U	U	U	U	U	T	5.00	24	~ ~ ~ *	5.00	4.82	4.58	* * * *

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

Student Course Evaluation Questionnaire

			Fre	equer	ncie	S		Inst	ructor	Course	Dept	UMBC	Level	Sect
Questions	NR	NA	1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
General														
1. Did you gain new insights, skills from this course	0	0	0	3	2	2	8	4.00	1069/1481	4.15	4.76	4.29	4.14	4.00
2. Did the instructor make clear the expected goals	0	0	0	0	2	2	11	4.60	399/1481	4.74	4.70	4.23	4.18	4.60
3. Did the exam questions reflect the expected goals	0	0	0	0	1	3	11	4.67	334/1249	4.72	4.70	4.27	4.14	4.67
4. Did other evaluations reflect the expected goals	0	2	1	0	3	1	8	4.15	852/1424	4.35	4.62	4.21	4.06	4.15
5. Did assigned readings contribute to what you learned	0	5	0	2	1	3	4	3.90	801/1396	3.95	4.42	3.98	3.89	3.90
6. Did written assignments contribute to what you learned	0	10	0	2	2	0	1	3.00	1269/1342	3.00	4.29	4.07	3.88	3.00
7. Was the grading system clearly explained	0	0	1	2	2	2	8	3.93	1021/1459	4.15	4.45	4.16	4.17	3.93
8. How many times was class cancelled	0	0	0	0	0	13	2	4.13	1302/1480	4.18	4.52	4.68	4.64	4.13
9. How would you grade the overall teaching effectiveness	1	1	0	1	3	5	4	3.92	945/1450	4.12	4.64	4.09	3.97	3.92
Lecture														
1. Were the instructor's lectures well prepared	0	0	0	0	1	6	8	4.47	813/1409	4.57	4.43	4.42	4.36	4.47
2. Did the instructor seem interested in the subject	0	0	0	0	0	4	11	4.73	861/1407	4.73	4.74	4.69	4.57	4.73
3. Was lecture material presented and explained clearly	0	0	0	0	1	5	9	4.53	534/1399	4.63	4.65	4.26	4.23	4.53
4. Did the lectures contribute to what you learned	1	Ő	0	0	3	3	8	4.36	766/1400	4.48	4.59	4.27	4.19	4.36
5. Did audiovisual techniques enhance your understanding	1	4	0	0	3	3	4	4.10	557/1179		4.59	3.96		4.10
Discussion														
1. Did class discussions contribute to what you learned	10	0	0	0	1	2	2	4.20	610/1262		4.47	4.05	3.77	4.20
Were all students actively encouraged to participate	10	0	0	0	2	0	3	4.20	821/1259	3.93	4.59	4.29	4.06	4.20
3. Did the instructor encourage fair and open discussion	10	0	0	0	3	0	2		1025/1256		4.50	4.30	4.08	3.80
4. Were special techniques successful	9	4	0	0	1	1	0	3.50	****/ 788	* * * *	4.55	4.00	3.80	* * * *
Self Paced														
1. Did self-paced system contribute to what you learned	11	0	0	0	1	1	2	4.25	41/ 55	4.25	4.89	4.55	4.48	4.25
2. Did study questions make clear the expected goal	11	2	1	0	1	0	0		****/ 31	****	5.00	4.75	4.42	* * * *
3. Were your contacts with the instructor helpful	11	1	0	0	1	1	1		****/ 51	* * * *	4.92	4.65	4.63	* * * *
4. Was the feedback/tutoring by proctors helpful	11	2	1	0	0	0	1	3.00	****/ 34	* * * *	4.96	4.83	4.67	* * * *
5. Were there enough proctors for all the students	11	2	0	0	1	0	1		****/ 24		5.00	4.82	4.58	* * * *
			-	-		-			,					

Credits E	arned	Cum. GPA	L	Expected	Grades	Reasons		Туре		Majors	
00-27	0	0.00-0.99	0	A	9	Required for Majors	0	Graduate	0	Major	0
28-55	2	1.00-1.99	0	В	2						
56-83	2	2.00-2.99	1	C	1	General	8	Under-grad	15	Non-major	3
84-150	1	3.00-3.49	3	D	0						
Grad.	0	3.50-4.00	1	F	0	Electives	б	#### - Means	there	are not enough	
				P	0			responses to	be sig	nificant	
				I	0	Other	0	-			
				?	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	0	1	3	3	1.0	4.29	702/1401	4 1 5	1 76	1 20	1 11	4 20
2. Did the instructor make clear the expected goals	0	0	0	0	3 0	3 2	10 15	4.29	792/1481 128/1481	$4.15 \\ 4.74$	$4.76 \\ 4.70$	4.29 4.23	4.14 4.18	4.29 4.88
3. Did the exam questions reflect the expected goals	0	0	0	0	1	2	15 14	4.00	236/1249	4.74	4.70	4.23	4.10	4.00
4. Did other evaluations reflect the expected goals	0	6	0	1	0	2	8	4.55	395/1424	4.35	4.62	4.27	4.06	4.55
5. Did assigned readings contribute to what you learned	0	10	0	1	1	2	3	4.00	707/1396	3.95	4.42	3.98	3.89	4.00
6. Did written assignments contribute to what you learned	0	14	1	0	0	0	2		****/1342		4.42	4.07	3.89	****
7. Was the grading system clearly explained	1	2	0	0	2	5	2	4.36	671/1459	4.15	4.45	4.16	4.17	4.36
8. How many times was class cancelled	0	0	0	0	0	13	4		1230/1480	4.18	4.52	4.68	4.64	4.24
9. How would you grade the overall teaching effectiveness	4	0	0	0	1	7			578/1450		4.64		3.97	
J. now would you grade the overall couching effectiveness	-	Ū	Ū	Ū	-	,	5	1.51	5,0,1150	1.12	1.01	1.05	5.97	1.51
Lecture														
1. Were the instructor's lectures well prepared	2	0	0	0	1	3	11	4.67	559/1409	4.57	4.43	4.42	4.36	4.67
2. Did the instructor seem interested in the subject	2	0	0	0	2	0	13	4.73	861/1407	4.73	4.74	4.69	4.57	4.73
3. Was lecture material presented and explained clearly	2	0	0	0	0	4	11	4.73	289/1399	4.63	4.65	4.26	4.23	4.73
4. Did the lectures contribute to what you learned	2	0	0	0	1	4	10	4.60	492/1400	4.48	4.59	4.27	4.19	4.60
5. Did audiovisual techniques enhance your understanding	2	4	0	0	2	2	7	4.45	299/1179	4.28	4.59	3.96	3.85	4.45
_ , _ ,														
Discussion		0	-	0	-	-	-	0 0 0	1100/1000	2 50	4 4 1	4 0 5		0 0 0
1. Did class discussions contribute to what you learned	11	0	1	2	Ţ	1	Ţ		1186/1262	3.52	4.47	4.05	3.77	2.83
2. Were all students actively encouraged to participate	11	0	0	1	2	1	2		1067/1259	3.93	4.59	4.29	4.06	3.67
3. Did the instructor encourage fair and open discussion	11 11	0 4	1 1	3 0	0	0	2		1200/1256 ****/ 788	3.32 ****	4.50	4.30	4.08	2.83 ****
4. Were special techniques successful	ΤT	4	T	0	0	0	1	3.00	~~~/ /88	~ ~ ~ ~ ~	4.55	4.00	3.80	~ ~ ~ ~ ~
Laboratory														
1. Did the lab increase understanding of the material	15	1	0	0	0	1	0	4.00	****/ 246	* * * *	4.00	4.20	3.93	* * * *
2. Were you provided with adequate background information	15	0	1	0	0	1	0		****/ 249	* * * *	5.00	4.11	3.95	* * * *
3. Were necessary materials available for lab activities	15	1	0	0	0	1	0	4.00	****/ 242	* * * *	5.00	4.40	4.33	* * * *
4. Did the lab instructor provide assistance	15	1	0	0	0	1	0	4.00	****/ 240	* * * *	5.00	4.20	4.20	* * * *
5. Were requirements for lab reports clearly specified	15	1	0	0	1	0	0	3.00	****/ 217	* * * *	5.00	4.04	4.02	* * * *
Seminar														
4. Did presentations contribute to what you learned	15	1	0	0	1	0	0	3.00	****/ 69	* * * *	4.00	4.35	4.14	* * * *
5. Were criteria for grading made clear	15	1	0	0	0	1	0	4.00	****/ 68	* * * *	5.00	3.92	3.80	* * * *
Field Work	10	0	1	0	~	~	~	1 0 0		ال بال بال بال	F 0.0	4 20	4 0.0	* * * *
1. Did field experience contribute to what you learned	16	0	1	0	0	0	0		****/ 59	**** ****	5.00		4.00	****
2. Did you clearly understand your evaluation criteria	16	0	1	0	0	0	0	1.00	****/ 51	* * * *	4.25	4.00	3.44	* * * *
Self Paced														
1. Did self-paced system contribute to what you learned	16	0	1	0	0	0	0	1.00	****/ 55	4.25	4.89	4.55	4.48	* * * *
1. 214 2011 pacea System conclusive co what you realled	± 0	0	-	0	0	0	0	1.00	, 55	1.25	1.00	1.55	1.10	

Credits Ea	arned	Cum. GPA		Expecte	ed Grades	Reasons		Туре		Majors	
00-27	0	0.00-0.99	0	А	13	Required for Majors	0	Graduate	1	Major	0
28-55	1	1.00-1.99	0	В	1						
56-83	2	2.00-2.99	1	C	0	General	7	Under-grad	16	Non-major	5
84-150	5	3.00-3.49	2	D	0						
Grad.	1	3.50-4.00	4	F	0	Electives	9	#### - Means	there	are not enough	1
				P	1			responses to	be sig	gnificant	
				I	0	Other	1				
				?	0						

Student Course Evaluation Questionnaire

			Fre	equer	ncie	s		Inst	ructor	Course	Dept	UMBC	Level	Sect
Questions	NR	NA	1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
General														
1. Did you gain new insights, skills from this course	0	0	1	0	2	4	7	4.14	967/1481	4.14	4.76	4.29	4.14	4.14
2. Did the instructor make clear the expected goals	0	0	1	0	2	0	11	4.43	632/1481	4.43	4.70	4.23	4.18	4.43
3. Did the exam questions reflect the expected goals	0	8	0	1	0	0	5	4.50	498/1249	4.50	4.70	4.27	4.14	4.50
4. Did other evaluations reflect the expected goals	0	1	0	1	0	3	9	4.54	406/1424	4.54	4.62	4.21	4.06	4.54
5. Did assigned readings contribute to what you learned	0	10	0	0	0	1	3	4.75	136/1396	4.75	4.42	3.98	3.89	4.75
6. Did written assignments contribute to what you learned	0	8	1	1	2	0	2	3.17	1234/1342	3.17	4.29	4.07	3.88	3.17
7. Was the grading system clearly explained	1	1	2	2	3	3	2	3.08	1371/1459	3.08	4.45	4.16	4.17	3.08
8. How many times was class cancelled	0	0	0	0	0	12	2	4.14	1295/1480	4.14	4.52	4.68	4.64	4.14
9. How would you grade the overall teaching effectiveness	0	0	0	1	2	4	7	4.21	672/1450	4.21	4.64	4.09	3.97	4.21
Lecture														
1. Were the instructor's lectures well prepared	2	0	1	0	0	1	10	4.58	670/1409	4.58	4.43	4.42	4.36	4.58
2. Did the instructor seem interested in the subject	1	0	0	0	0	1	12	4.92	400/1407	4.92	4.74	4.69	4.57	4.92
3. Was lecture material presented and explained clearly	2	0	0	1	0	1	10	4.67	376/1399	4.67	4.65	4.26	4.23	4.67
4. Did the lectures contribute to what you learned	2	0	1	0	2	2	7	4.17	937/1400	4.17	4.59	4.27	4.19	4.17
5. Did audiovisual techniques enhance your understanding	2	2	1	0	2	2	5	4.00	590/1179	4.00	4.59	3.96	3.85	4.00
Discussion														
1. Did class discussions contribute to what you learned	9	0	0	0	1	3	1	4.00	708/1262	4.00	4.47	4.05	3.77	4.00
2. Were all students actively encouraged to participate	9	0	0	0	1	1	3	4.40	680/1259	4.40	4.59	4.29	4.06	4.40
3. Did the instructor encourage fair and open discussion	9	0	0	0	1	1	3	4.40	680/1256	4.40	4.50	4.30	4.08	4.40
4. Were special techniques successful	9	1	0	0	1	1	2	4.25	291/ 788	4.25	4.55	4.00	3.80	4.25
Laboratory														
2. Were you provided with adequate background information		0	0	0	0	1	0	4.00	****/ 249	* * * *	5.00	4.11	3.95	* * * *
4. Did the lab instructor provide assistance	13	0	0	0	1	0	0	3.00	****/ 240	* * * *	5.00	4.20	4.20	* * * *
Field Work														
1. Did field experience contribute to what you learned	13	0	1	0	0	0	0	1.00	****/ 59	* * * *	5.00	4.30	4.00	* * * *
2. Did you clearly understand your evaluation criteria	13	0	0	0	0	0	1	5.00	****/ 51	* * * *	4.25	4.00	3.44	* * * *
3. Was the instructor available for consultation	13	0	0	0	0	0	1	5.00	****/ 36	* * * *	5.00	4.60	5.00	* * * *
4. To what degree could you discuss your evaluations	13	0	0	0	1	0	0	3.00	****/ 41	* * * *	5.00	4.26	****	* * * *
Self Paced														
1. Did self-paced system contribute to what you learned	13	0	0	0	0	0	1	5.00	****/ 55	* * * *	4.89	4.55	4.48	* * * *
2. Did study questions make clear the expected goal	13	0	0	0	0	0	1		****/ 31	* * * *	5.00	4.75	4.42	* * * *
3. Were your contacts with the instructor helpful	13	0	0	0	0	0	1	5.00	****/ 51		4.92	4.65	4.63	* * * *
4. Was the feedback/tutoring by proctors helpful	13	0	0	0	0	0	1	5.00	****/ 34		4.96	4.83	4.67	* * * *
5. Were there enough proctors for all the students	13	0	0	0	0	0	1	5.00	****/ 24	* * * *	5.00	4.82	4.58	* * * *

Credits Ea	arned	Cum. GPA		Expecte	d Grades	Reasons		Туре		Majors	
00-27	0	0.00-0.99	0	A	10	Required for Majors	1	Graduate	2	Major	0
28-55	2	1.00-1.99	0	В	1						
56-83	2	2.00-2.99	2	С	0	General	5	Under-grad	12	Non-major	2
84-150	2	3.00-3.49	2	D	0						
Grad.	2	3.50-4.00	2	F	0	Electives	4	#### - Means	there	are not enough	
				P	1			responses to	be sig	gnificant	
				I	0	Other	0	_			
				?	0						

Student Course Evaluation Questionnaire

			Fre	equer	ncie	S		Inst	ructor	Course	Dept	UMBC	Level	Sect
Questions	NR	NA	1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
General														
1. Did you gain new insights,skills from this course	0	0	0	0	0	0	13	5.00	1/1481	5.00	4.76	4.29	4.14	5.00
2. Did the instructor make clear the expected goals	0	0	0	0	0	2	11	4.85	155/1481	4.85	4.70	4.23	4.18	4.85
3. Did the exam questions reflect the expected goals	0	12	0	0	0	0	1	5.00	****/1249	* * * *	4.70	4.27	4.14	* * * *
4. Did other evaluations reflect the expected goals	0	12	0	0	0	0	1	5.00	****/1424	* * * *	4.62	4.21	4.06	* * * *
5. Did assigned readings contribute to what you learned	0	7	0	0	0	1	5	4.83	102/1396	4.83	4.42	3.98	3.89	4.83
7. Was the grading system clearly explained	0	2	1	0	2	2	6	4.09	914/1459	4.09	4.45	4.16	4.17	4.09
8. How many times was class cancelled	0	0	0	0	0	11	2	4.15	1288/1480	4.15	4.52	4.68	4.64	4.15
9. How would you grade the overall teaching effectiveness	3	0	0	0	0	3	7	4.70	196/1450	4.70	4.64	4.09	3.97	4.70
Lecture														
1. Were the instructor's lectures well prepared	3	0	0	0	0	0	10	5.00	1/1409	5.00	4.43	4.42	4.36	5.00
2. Did the instructor seem interested in the subject	3	0	0	0	0	0	10	5.00	1/1407	5.00	4.74	4.69	4.57	5.00
3. Was lecture material presented and explained clearly	3	0	0	0	0	1	9	4.90	129/1399	4.90	4.65	4.26	4.23	4.90
4. Did the lectures contribute to what you learned	3	0	0	0	1	1	8	4.70	385/1400	4.70	4.59	4.27	4.19	4.70
5. Did audiovisual techniques enhance your understanding	3	б	0	0	0	0	4	5.00	1/1179	5.00	4.59	3.96	3.85	5.00
Discussion														
1. Did class discussions contribute to what you learned	8	0	1	0	0	1	2	4.00	708/1262	4.00	4.47	4.05	3.77	4.00
2. Were all students actively encouraged to participate	8	0	0	0	0	0	5	5.00	1/1259	5.00	4.59	4.29	4.06	5.00
3. Did the instructor encourage fair and open discussion	8	0	1	0	0	0	4	4.20	809/1256	4.20	4.59	4.30	4.08	4.20
5. Did the instructor encourage fait and open discussion	0	U	-	0	0	0	т	1.20	009/1200	7.20	1.50	1.50	1.00	1.20

Credits E	arned	Cum. GPA		Expecte	d Grades	Reasons		Туре		Majors	
00-27	2	0.00-0.99	0	A	12	Required for Majors	1	Graduate	0	Major	0
28-55	0	1.00-1.99	0	В	1						
56-83	0	2.00-2.99	1	С	0	General	7	Under-grad	13	Non-major	2
84-150	8	3.00-3.49	5	D	0						
Grad.	0	3.50-4.00	4	F	0	Electives	4	#### - Means	there	are not enough	
				P	0			responses to	be sig	nificant	
				I	0	Other	1				
				?	0						

Student Course Evaluation Questionnaire

			Fre	-	ncies	3		Inst	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	1	9	4.73	328/1481	4.73	4.76	4.29	4.14	4.73
2. Did the instructor make clear the expected goals	0	0	0	0	2	0	9	4.64	361/1481	4.64	4.70	4.23	4.18	4.64
4. Did other evaluations reflect the expected goals	0	б	0	0	0	1	4	4.80	178/1424	4.80	4.62	4.21	4.06	4.80
7. Was the grading system clearly explained	1	5	0	0	2	0	3	4.20	827/1459	4.20	4.45	4.16	4.17	4.20
8. How many times was class cancelled	1	0	0	0	0	0	10	5.00	1/1480	5.00	4.52	4.68	4.64	5.00
9. How would you grade the overall teaching effectiveness	9	0	0	0	0	0	2	5.00	****/1450	4.50	4.64	4.09	3.97	4.50
Self Paced														
1. Did self-paced system contribute to what you learned	1	0	0	0	1	2	7	4.60	37/ 55	4.60	4.89	4.55	4.48	4.60
2. Did study questions make clear the expected goal	1	9	0	0	0	1	0	4.00	****/ 31	* * * *	5.00	4.75	4.42	* * * *
3. Were your contacts with the instructor helpful	1	1	0	0	1	1	7	4.67	39/ 51	4.67	4.92	4.65	4.63	4.67
4. Was the feedback/tutoring by proctors helpful	1	7	0	0	0	0	3	5.00	1/ 34	5.00	4.96	4.83	4.67	5.00
5. Were there enough proctors for all the students	1	8	0	1	0	0	1	3.50	****/ 24	* * * *	5.00	4.82	4.58	* * * *

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

Student Course Evaluation Questionnaire

			Fre	equer	ncies	3		Inst	ructor	Course	Dept	UMBC	Level	Sect
Questions	NR	NA	1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
General														
1. Did you gain new insights, skills from this course	0	0	0	0	1	1	9	4.73	328/1481	4.73	4.76	4.29	4.14	4.73
2. Did the instructor make clear the expected goals	0	0	0	0	2	0	9	4.64	361/1481	4.64	4.70	4.23	4.18	4.64
Did other evaluations reflect the expected goals	0	6	0	0	0	1	4	4.80	178/1424	4.80	4.62	4.21	4.06	4.80
7. Was the grading system clearly explained	1	5	0	0	2	0	3	4.20	827/1459	4.20	4.45	4.16	4.17	4.20
8. How many times was class cancelled	1	0	0	0	0	0	10	5.00	1/1480	5.00	4.52	4.68	4.64	5.00
9. How would you grade the overall teaching effectiveness	2	1	0	0	1	2	5	4.50	334/1450	4.50	4.64	4.09	3.97	4.50
Lecture														
1. Were the instructor's lectures well prepared	9	0	0	0	0	1	1	4.50	****/1409	* * * *	4.43	4.42	4.36	* * * *
2. Did the instructor seem interested in the subject	9	0	0	0	0	1	1	4.50	****/1407	* * * *	4.74	4.69	4.57	* * * *
3. Was lecture material presented and explained clearly	9	0	0	0	0	0	2	5.00	****/1399	* * * *	4.65	4.26	4.23	* * * *
4. Did the lectures contribute to what you learned	9	0	0	0	0	0	2	5.00	****/1400	* * * *	4.59	4.27	4.19	* * * *
5. Did audiovisual techniques enhance your understanding	9	1	0	0	0	0	1	5.00	****/1179	* * * *	4.59	3.96	3.85	* * * *
Self Paced														
1. Did self-paced system contribute to what you learned	1	0	0	0	1	2	7	4.60	37/ 55	4.60	4.89	4.55	4.48	4.60
2. Did study questions make clear the expected goal	1	9	0	0	0	1	0	4.00	****/ 31	****	5.00	4.75	4.42	* * * *
3. Were your contacts with the instructor helpful	1	1	0	0	1	1	7	4.67	39/ 51	4.67	4.92	4.65	4.63	4.67
4. Was the feedback/tutoring by proctors helpful	1	7	0	0	0	0	3	5.00	1/ 34		4.96	4.83	4.67	5.00
5. Were there enough proctors for all the students	1	8	0	1	0	0	1	3.50	****/ 24		5.00	4.82	4.58	* * * *

Credits I	Earned	Cum. GPA	L	Expected	Grades	Reasons		Туре		Majors	
00-27	1	0.00-0.99	0	A	7	Required for Majors	0	Graduate	0	Major	0
28-55	3	1.00-1.99	0	В	1						
56-83	0	2.00-2.99	2	С	0	General	4	Under-grad	11	Non-major	3
84-150	2	3.00-3.49	1	D	0						
Grad.	0	3.50-4.00	4	F	0	Electives	4	#### - Means	there	are not enough	L
				P	1			responses to 1	be sig	nificant	
				I	0	Other	2				
				?	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	1	2	4.67	395/1481	4.67	4.76	4.29	4.14	4.67
2. Did the instructor make clear the expected goals	0	Ő	0	0	0	1	2	4.67	324/1481	4.67	4.70	4.23	4.18	4.67
4. Did other evaluations reflect the expected goals	0	2	0	0	1	0	0		1361/1424	3.00	4.62	4.21	4.06	3.00
5. Did assigned readings contribute to what you learned	0	2	0	0	1	0	0		1292/1396	3.00	4.42	3.98	3.89	3.00
6. Did written assignments contribute to what you learned	0	2	0	0	0	0	1	5.00	1/1342	5.00	4.29	4.07	3.88	5.00
7. Was the grading system clearly explained	0	0	0	0	2	1	0		1318/1459	3.33	4.45	4.16	4.17	3.33
8. How many times was class cancelled	1	0	0	0	0	2	0		1349/1480	4.00	4.52	4.68	4.64	
9. How would you grade the overall teaching effectiveness	2	0	0	0	0	1	0	4.00	836/1450		4.64	4.09	3.97	4.50
Lecture														
1. Were the instructor's lectures well prepared	2	0	0	0	1	0	0	3.00	1356/1409	4.00	4.43	4.42	4.36	4.00
2. Did the instructor seem interested in the subject	2	0	0	0	0	0	1	5.00	1/1407	5.00	4.74	4.69	4.57	5.00
3. Was lecture material presented and explained clearly	2	0	0	0	0	0	1	5.00	1/1399	5.00	4.65	4.26	4.23	5.00
4. Did the lectures contribute to what you learned	2	0	0	0	0	0	1	5.00	1/1400	5.00	4.59	4.27	4.19	5.00
5. Did audiovisual techniques enhance your understanding	2	0	0	0	0	1	0	4.00	590/1179	4.00	4.59	3.96	3.85	4.00
Discussion														
1. Did class discussions contribute to what you learned	1	0	0	0	0	0	2	5.00	1/1262	5.00	4.47	4.05	3.77	5.00
2. Were all students actively encouraged to participate	1	0	0	0	0	0	2	5.00	1/1259	5.00	4.59	4.29	4.06	5.00
3. Did the instructor encourage fair and open discussion	1	0	0	0	0	0	2	5.00	1/1256	5.00	4.50	4.30	4.08	5.00
Self Paced														
1. Did self-paced system contribute to what you learned	2	0	0	0	0	0	1	5.00	1/ 55	5.00	4.89	4.55	4.48	5.00
3. Were your contacts with the instructor helpful	2	0	0	0	0	0	1	5.00	1/ 51	5.00	4.92	4.65	4.63	5.00

Credits E	Carned	Cum. GPA		Expected	Grades	Reasons		Туре		Majors	
00-27	0	0.00-0.99	0	 А	3	Required for Majors	0	Graduate	0	Major	0
28-55	0	1.00-1.99	0	В	0						
56-83	0	2.00-2.99	0	С	0	General	1	Under-grad	3	Non-major	1
84-150	1	3.00-3.49	0	D	0						
Grad.	0	3.50-4.00	2	F	0	Electives	0	#### - Means	there	are not enough	L
				P	0			responses to	be sig	gnificant	
				I	0	Other	2	-			
				?	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	1	2	4.67	395/1481	4.67	4.76	4.29	4.14	4.67
2. Did the instructor make clear the expected goals	0	0	0	0	0	1	2	4.67	324/1481	4.67	4.70	4.23	4.18	4.67
4. Did other evaluations reflect the expected goals	0	2	0	0	1	0	0	3.00	1361/1424	3.00	4.62	4.21	4.06	3.00
5. Did assigned readings contribute to what you learned	0	2	0	0	1	0	0	3.00	1292/1396	3.00	4.42	3.98	3.89	3.00
6. Did written assignments contribute to what you learned	0	2	0	0	0	0	1	5.00	1/1342	5.00	4.29	4.07	3.88	5.00
7. Was the grading system clearly explained	0	0	0	0	2	1	0	3.33	1318/1459	3.33	4.45	4.16	4.17	3.33
8. How many times was class cancelled	1	0	0	0	0	2	0	4.00	1349/1480	4.00	4.52	4.68	4.64	4.00
Discussion														
1. Did class discussions contribute to what you learned	1	0	0	0	0	0	2	5.00	1/1262	5.00	4.47	4.05	3.77	5.00
2. Were all students actively encouraged to participate	1	0	0	0	0	0	2	5.00	1/1259	5.00	4.59	4.29	4.06	5.00
3. Did the instructor encourage fair and open discussion	1	0	0	0	0	0	2	5.00	1/1256	5.00	4.50	4.30	4.08	5.00
Self Paced														
1. Did self-paced system contribute to what you learned	2	0	0	0	0	0	1	5.00	1/ 55	5.00	4.89	4.55	4.48	5.00
3. Were your contacts with the instructor helpful	2	0	0	0	0	0	1	5.00	1/ 51		4.92	4.65	4.63	5.00

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

Student Course Evaluation Questionnaire

			Fre	equer	ncies	5		Instr	uctor	Course	Dept	UMBC	Level	Sect
Questions	NR	NA	1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
General														
1. Did you gain new insights, skills from this course	0	0	0	0	0	0	3	5.00	1/1481	5.00	4.76	4.29	4.14	5.00
2. Did the instructor make clear the expected goals	0	0	0	0	0	0	3	5.00	1/1481	5.00	4.70	4.23	4.18	5.00
4. Did other evaluations reflect the expected goals	0	2	0	0	0	0	1	5.00	1/1424	5.00	4.62	4.21	4.06	5.00
5. Did assigned readings contribute to what you learned	0	2	0	0	0	0	1	5.00	1/1396	5.00	4.42	3.98	3.89	5.00
7. Was the grading system clearly explained	0	1	0	0	0	0	2	5.00	1/1459	5.00	4.45	4.16	4.17	5.00
8. How many times was class cancelled	0	0	0	0	0	0	3	5.00	1/1480	5.00	4.52	4.68	4.64	5.00
9. How would you grade the overall teaching effectiveness	1	0	0	0	0	0	2	5.00	1/1450	5.00	4.64	4.09	3.97	5.00
Lecture														
1. Were the instructor's lectures well prepared	2	0	0	0	0	0	1	5.00	1/1409	5.00	4.43	4.42	4.36	5.00
2. Did the instructor seem interested in the subject	2	0	0	0	0	0	1	5.00	1/1407	5.00	4.74	4.69	4.57	5.00
3. Was lecture material presented and explained clearly	2	0	0	0	0	0	1	5.00	1/1399	5.00	4.65	4.26	4.23	5.00
4. Did the lectures contribute to what you learned	2	0	0	0	0	0	1	5.00	1/1400	5.00	4.59	4.27	4.19	5.00
5. Did audiovisual techniques enhance your understanding	2	0	0	0	0	0	1	5.00	1/1179	5.00	4.59	3.96	3.85	5.00
Discussion														
1. Did class discussions contribute to what you learned	2	0	0	0	0	0	1	5.00	1/1262	5.00	4.47	4.05	3.77	5.00
Self Paced														
1. Did self-paced system contribute to what you learned	2	0	0	0	0	0	1	5.00	1/ 55	5.00	4.89	4.55	4.48	5.00
3. Were your contacts with the instructor helpful	2	0	0	Ő	0	0	1	5.00	1/ 51	5.00	4.92	4.65	4.63	5.00

Credits E	larned	Cum. GPA		Expected	d Grades	Reasons		Туре		Majors	
00-27	1	0.00-0.99	0	A	2	Required for Majors	1	Graduate	0	Major	0
28-55	0	1.00-1.99	0	В	0						
56-83	0	2.00-2.99	0	C	0	General	0	Under-grad	3	Non-major	1
84-150	0	3.00-3.49	1	D	0						
Grad.	0	3.50-4.00	1	F	0	Electives	1	#### - Means	there	are not enough	L
				Р	0			responses to	be sig	gnificant	
				I	0	Other	1				
				?	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	6	5.00	1/1481	5.00	4.76	4.29	4.14	5.00
2. Did the instructor make clear the expected goals	0	0	0	0	0	1	5	4.83	162/1481	4.83	4.70	4.23	4.18	4.83
3. Did the exam questions reflect the expected goals	0	4	0	0	0	1	1	4.50	498/1249	4.50	4.70	4.27	4.14	4.50
4. Did other evaluations reflect the expected goals	0	2	0	0	0	0	4	5.00	1/1424	5.00	4.62	4.21	4.06	5.00
5. Did assigned readings contribute to what you learned	0	4	0	0	0	0	2	5.00	1/1396	5.00	4.42	3.98	3.89	5.00
6. Did written assignments contribute to what you learned	0	4	0	0	0	0	2	5.00	1/1342	5.00	4.29	4.07	3.88	5.00
7. Was the grading system clearly explained	0	3	0	0	0	2	1	4.33	695/1459	4.33	4.45	4.16	4.17	4.33
8. How many times was class cancelled	0	0	0	0	0	б	0	4.00	1349/1480	4.00	4.52	4.68	4.64	4.00
9. How would you grade the overall teaching effectiveness	1	0	0	0	0	2	3	4.60	259/1450	4.60	4.64	4.09	3.97	4.60
Lecture														
1. Were the instructor's lectures well prepared	4	0	0	0	0	0	2	5.00	1/1409	5.00	4.43	4.42	4.36	5.00
2. Did the instructor seem interested in the subject	3	0	0	0	0	0	3	5.00	1/1407	5.00	4.74	4.69	4.57	5.00
3. Was lecture material presented and explained clearly	3	0	0	0	0	0	3	5.00	1/1399	5.00	4.65	4.26	4.23	5.00
4. Did the lectures contribute to what you learned	4	0	0	0	0	0	2	5.00	1/1400	5.00	4.59	4.27	4.19	5.00
Discussion														
1. Did class discussions contribute to what you learned	5	0	0	0	0	0	1	5.00	****/1262	* * * *	4.47	4.05	3.77	* * * *
2. Were all students actively encouraged to participate	5	0	0	0	0	0	1		****/1259	* * * *	4.59	4.29	4.06	* * * *
3. Did the instructor encourage fair and open discussion	5	0	0	0	0	0	1		****/1256	* * * *	4.50	4.30	4.08	* * * *
4. Were special techniques successful	5	0	0	0	0	0	1		****/ 788		4.55	4.00	3.80	* * * *

Credits E	arned	Cum. GPA		Expected	l Grades	Reasons		Туре		Majors	
00-27	1	0.00-0.99	0	A	5	Required for Majors	0	Graduate	0	Major	0
28-55	0	1.00-1.99	0	В	1						
56-83	0	2.00-2.99	1	C	0	General	2	Under-grad	6	Non-major	0
84-150	1	3.00-3.49	1	D	0						
Grad.	0	3.50-4.00	3	F	0	Electives	0	#### - Means	there	are not enough	i
				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	0	2	5.00	1/1481	5.00	4.76	4.29	4.14	5.00
2. Did the instructor make clear the expected goals	0	0	0	0	0	1	1	4.50	517/1481	4.50	4.70	4.23	4.18	4.50
4. Did other evaluations reflect the expected goals	0	1	0	0	0	0	1	5.00	1/1424	5.00	4.62	4.21	4.06	5.00
5. Did assigned readings contribute to what you learned	0	1	0	0	1	0	0	3.00	1292/1396	3.00	4.42	3.98	3.89	3.00
6. Did written assignments contribute to what you learned	0	1	0	0	1	0	0	3.00	1269/1342	3.00	4.29	4.07	3.88	3.00
8. How many times was class cancelled	0	0	0	0	0	1	1	4.50	1044/1480	4.50	4.52	4.68	4.64	4.50
9. How would you grade the overall teaching effectiveness	0	0	0	0	0	1	1	4.50	334/1450	4.50	4.64	4.09	3.97	4.50

Credits Ea	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	2	Non-major	0
84-150	1	3.00-3.49	1	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	2				
				?	1						

Student Course Evaluation Questionnaire

			Fre	equer	ncies	5		Instr	uctor	Course	Dept	UMBC	Level	Sect
Questions	NR	NA	1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
General														
1. Did you gain new insights,skills from this course	0	0	0	0	0	0	1	5.00	1/1481	5.00	4.76	4.29	4.14	5.00
2. Did the instructor make clear the expected goals	0	0	0	0	0	0	1	5.00	1/1481	5.00	4.70	4.23	4.18	5.00
8. How many times was class cancelled	0	0	0	0	0	0	1	5.00	1/1480	5.00	4.52	4.68	4.64	5.00
9. How would you grade the overall teaching effectiveness	0	0	0	0	0	0	1	5.00	1/1450	5.00	4.64	4.09	3.97	5.00

Credits E	arned	Cum. GPA		Expected	l Grades	Reasons		Туре		Majors	
00-27	0	0.00-0.99	0	A	1	Required for Majors	0	Graduate	0	Major	0
28-55	0	1.00-1.99	0	В	0						
56-83	0	2.00-2.99	0	С	0	General	1	Under-grad	1	Non-major	0
84-150	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	equei	ncie	S		Inst	ructor	Course	Dept	UMBC	Level	Sect
Questions	NR	NA	1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
General														
1. Did you gain new insights,skills from this course	0	0	0	0	0	0	1	5.00	1/1481	5.00	4.76	4.29	4.14	5.00
2. Did the instructor make clear the expected goals	0	0	0	0	0	0	1	5.00	1/1481	5.00	4.70	4.23	4.18	5.00
8. How many times was class cancelled	0	0	0	0	0	0	1	5.00	1/1480	5.00	4.52	4.68	4.64	5.00
9. How would you grade the overall teaching effectiveness	0	0	0	0	0	1	0	4.00	836/1450	4.00	4.64	4.09	3.97	4.00

Credits E	arned	Cum. GPA		Expected	l Grades	Reasons		Туре		Majors	
00-27	0	0.00-0.99	0	A	1	Required for Majors	0	Graduate	0	Major	0
28-55	0	1.00-1.99	0	В	0						
56-83	0	2.00-2.99	0	С	0	General	1	Under-grad	1	Non-major	0
84-150	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	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	1/1481	5.00	4.76	4.29	4.14	5.00
2. Did the instructor make clear the expected goals	0	0	0	0	0	0	4	5.00	1/1481	5.00	4.70	4.23	4.18	5.00
3. Did the exam questions reflect the expected goals	0	2	0	0	0	0	2	5.00	1/1249	5.00	4.70	4.27	4.14	5.00
4. Did other evaluations reflect the expected goals	0	1	0	0	0	0	3	5.00	1/1424	5.00	4.62	4.21	4.06	5.00
5. Did assigned readings contribute to what you learned	0	3	0	0	0	0	1	5.00	1/1396	5.00	4.42	3.98	3.89	5.00
6. Did written assignments contribute to what you learned	0	3	0	0	0	0	1	5.00	1/1342	5.00	4.29	4.07	3.88	5.00
7. Was the grading system clearly explained	0	1	0	0	0	0	3	5.00	1/1459	5.00	4.45	4.16	4.17	5.00
8. How many times was class cancelled	0	0	0	0	0	3	1		1215/1480		4.52	4.68	4.64	4.25
9. How would you grade the overall teaching effectiveness	2	0	0	0	0	0	2	5.00	1/1450	5.00	4.64	4.09	3.97	5.00
Lecture														
1. Were the instructor's lectures well prepared	3	0	0	0	0	0	1	5.00	1/1409	5.00	4.43	4.42	4.36	5.00
2. Did the instructor seem interested in the subject	3	0	0	0	0	0	1	5.00	1/1407	5.00	4.74	4.69	4.57	5.00
3. Was lecture material presented and explained clearly	3	0	0	0	0	0	1	5.00	1/1399	5.00	4.65	4.26	4.23	5.00
4. Did the lectures contribute to what you learned	3	0	0	0	0	0	1	5.00	1/1400	5.00	4.59	4.27	4.19	5.00
Self Paced														
1. Did self-paced system contribute to what you learned	2	0	0	0	0	0	2	5.00	1/ 55	5.00	4.89	4.55	4.48	5.00
2. Did study questions make clear the expected goal	2	1	0	0	0	0	1	5.00	1/ 31	5.00	5.00	4.75	4.42	5.00
3. Were your contacts with the instructor helpful	2	0	0	0	0	0	2	5.00	1/ 51	5.00	4.92	4.65	4.63	5.00
4. Was the feedback/tutoring by proctors helpful	2	0	0	0	0	0	2	5.00	1/ 34	5.00	4.96	4.83	4.67	5.00
5. Were there enough proctors for all the students	2	1	0	0	0	0	1	5.00	1/ 24	5.00	5.00	4.82	4.58	5.00

Credits Ea	arned	Cum. GPA	L	Expected	l Grades	Reasons		Туре		Majors	
00-27	0	0.00-0.99	0	A	4	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	С	0	General	1	Under-grad	4	Non-major	0
84-150	1	3.00-3.49	1	D	0						
Grad.	0	3.50-4.00	2	F	0	Electives	1	#### - 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	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	1/1481	5.00	4.76	4.29	4.14	5.00
2. Did the instructor make clear the expected goals	0	0	0	0	0	0	4	5.00	1/1481	5.00	4.70	4.23	4.18	5.00
3. Did the exam questions reflect the expected goals	0	2	0	0	0	0	2	5.00	1/1249	5.00	4.70	4.27	4.14	5.00
4. Did other evaluations reflect the expected goals	0	1	0	0	0	0	3	5.00	1/1424	5.00	4.62	4.21	4.06	5.00
5. Did assigned readings contribute to what you learned	0	3	0	0	0	0	1	5.00	1/1396	5.00	4.42	3.98	3.89	5.00
6. Did written assignments contribute to what you learned	0	3	0	0	0	0	1	5.00	1/1342	5.00	4.29	4.07	3.88	5.00
7. Was the grading system clearly explained	0	1	0	0	0	0	3	5.00	1/1459	5.00	4.45	4.16	4.17	5.00
8. How many times was class cancelled	0	0	0	0	0	3	1	4.25	1215/1480	4.25	4.52	4.68	4.64	4.25
9. How would you grade the overall teaching effectiveness	2	0	0	0	0	0	2	5.00	1/1450	5.00	4.64	4.09	3.97	5.00
Lecture														
1. Were the instructor's lectures well prepared	3	0	0	0	0	0	1	5.00	1/1409	5.00	4.43	4.42	4.36	5.00
2. Did the instructor seem interested in the subject	3	0	0	0	0	0	1	5.00	1/1407	5.00	4.74	4.69	4.57	5.00
3. Was lecture material presented and explained clearly	3	0	0	0	0	0	1	5.00	1/1399	5.00	4.65	4.26	4.23	5.00
4. Did the lectures contribute to what you learned	3	0	0	0	0	0	1	5.00	1/1400	5.00	4.59	4.27	4.19	5.00
5. Did audiovisual techniques enhance your understanding	3	0	0	0	0	0	1	5.00	1/1179	5.00	4.59	3.96	3.85	5.00
Self Paced														
1. Did self-paced system contribute to what you learned	2	0	0	0	0	0	2	5.00	1/ 55	5.00	4.89	4.55	4.48	5.00
2. Did study questions make clear the expected goal	2	1	0	0	0	0	1	5.00	1/ 31	5.00	5.00	4.75	4.42	5.00
3. Were your contacts with the instructor helpful	2	0	0	0	0	0	2	5.00	1/ 51	5.00	4.92	4.65	4.63	5.00
4. Was the feedback/tutoring by proctors helpful	2	0	0	0	0	0	2	5.00	1/ 34	5.00	4.96	4.83	4.67	5.00
5. Were there enough proctors for all the students	2	1	0	0	0	0	1	5.00	1/ 24	5.00	5.00	4.82	4.58	5.00

Credits Ea	arned	Cum. GPA	1	Expected	l Grades	Reasons		Туре		Majors	
00-27	0	0.00-0.99	0	А А	4	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	С	0	General	1	Under-grad	4	Non-major	0
84-150	1	3.00-3.49	1	D	0						
Grad.	0	3.50-4.00	2	F	0	Electives	1	#### - Means	there	are not enough	1
				P	0			responses to	be sig	nificant	
				I	0	Other	2	-			
				?	0						

Student Course Evaluation Questionnaire

General 1. Did you gain new insights, skills from this course 0 0 1 5 9 12 4.19 928/1481 4.59 4.76 4.29 4.14 4 2. Did the instructor make clear the expected goals 1 0 1 0 10 7 8 3.81 1179/1481 4.40 4.70 4.23 4.18 3 3. Did the exam questions reflect the expected goals 1 17 0 3 2 4 4.11 846/1249 4.11 4.70 4.27 4.14 4 4. Did other evaluations reflect the expected goals 2 16 0 3 1 5 4.22 773/1424 4.22 4.62 4.21 4.06 4 5. Did assigned readings contribute to what you learned 3 19 0 0 3 0 2 3.80 **** 4.29 4.07 3.88 ****	Sect
1. Did you gain new insights,skills from this course 0 0 1 5 9 12 4.19 928/1481 4.59 4.76 4.29 4.14 4 2. Did the instructor make clear the expected goals 1 0 1 0 10 7 8 3.81 1179/1481 4.40 4.70 4.23 4.18 3 3. Did the exam questions reflect the expected goals 1 17 0 0 3 2 4 4.11 846/1249 4.11 4.70 4.27 4.14 4 4. Did other evaluations reflect the expected goals 2 16 0 3 1 5 4.22 773/1424 4.22 4.62 4.21 4.06 4 5. Did assigned readings contribute to what you learned 3 19 0 0 2 1 2 4.00 **** 4.42 3.98 3.89 * 6. Did written assignments contribute to what you learned 3 19 0 0 3 0 2 3.80 **** 4.29 4.07 3.88 *	lean
2. Did the instructor make clear the expected goals 1 0 1 0 10 7 8 3.81 1179/1481 4.40 4.70 4.23 4.18 3 3. Did the exam questions reflect the expected goals 1 17 0 3 2 4 4.11 846/1249 4.11 4.70 4.23 4.18 3 4. Did other evaluations reflect the expected goals 2 16 0 3 1 5 4.22 773/1424 4.22 4.62 4.21 4.06 4 5. Did assigned readings contribute to what you learned 3 19 0 0 2 1 2 4.00 **** 4.42 3.98 3.89 * 6. Did written assignments contribute to what you learned 3 19 0 0 3 0 2 3.80 **** 4.29 4.07 3.88 *	
3. Did the exam questions reflect the expected goals 1 17 0 3 2 4 4.11 846/1249 4.11 4.70 4.27 4.14 4 4. Did other evaluations reflect the expected goals 2 16 0 3 1 5 4.22 773/1424 4.22 4.62 4.11 4.06 4 5. Did assigned readings contribute to what you learned 3 19 0 0 2 1 2 4.00 **** 4.42 3.98 3.89 * 6. Did written assignments contribute to what you learned 3 19 0 0 3 0 2 3.80 **** 4.29 4.07 3.88 *	.19
4. Did other evaluations reflect the expected goals 2 16 0 3 1 5 4.22 773/1424 4.22 4.62 4.21 4.06 4 5. Did assigned readings contribute to what you learned 3 19 0 2 1 2 4.00 **** 4.42 3.98 3.89 * 6. Did written assignments contribute to what you learned 3 19 0 0 3 0 2 3.80 **** 4.29 4.07 3.88 *	8.81
5. Did assigned readings contribute to what you learned 3 19 0 0 2 1 2 4.00 ****/1396 **** 4.42 3.98 3.89 * 6. Did written assignments contribute to what you learned 3 19 0 0 3 0 2 3.80 ****/1342 **** 4.29 4.07 3.88 *	.11
6. Did written assignments contribute to what you learned 3 19 0 0 3 0 2 3.80 ****/1342 **** 4.29 4.07 3.88 *	.22
	* * *
7. Was the grading system clearly explained 3 4 1 0 1 6 12 4.40 611/1459 4.70 4.45 4.16 4.17 4	***
	.40
8. How many times was class cancelled 3 0 0 0 1 0 23 4.92 631/1480 4.96 4.52 4.68 4.64 4	.92
9. How would you grade the overall teaching effectiveness 16 2 0 0 0 5 4 4.44 417/1450 4.72 4.64 4.09 3.97 4	.44
Lecture	
1. Were the instructor's lectures well prepared 16 0 1 1 2 2 5 3.82 1236/1409 3.82 4.43 4.42 4.36 3	.82
	.82
3. Was lecture material presented and explained clearly 16 0 1 1 0 3 6 4.09 969/1399 4.09 4.65 4.26 4.23 4	.09
4. Did the lectures contribute to what you learned 16 0 0 0 1 3 7 4.55 551/1400 4.55 4.59 4.27 4.19 4	.55
5. Did audiovisual techniques enhance your understanding 14 6 0 0 1 3 3 4.29 419/1179 4.29 4.59 3.96 3.85 4	.29
Discussion	
1. Did class discussions contribute to what you learned 13 0 0 0 1 4 9 4.57 310/1262 4.57 4.47 4.05 3.77 4	.57
•	.79
	.69
	.57
Seminar	

Field Work	
	* * *

Credits Ea	arned	Cum. GPA		Expecte	d Grades	Reasons		Туре		Majors	
00-27	2	0.00-0.99	0	А А	19	Required for Majors	0	Graduate	0	Major	0
28-55	3	1.00-1.99	0	В	4						
56-83	1	2.00-2.99	0	C	2	General	0	Under-grad	27	Non-major	6
84-150	4	3.00-3.49	5	D	0						
Grad.	0	3.50-4.00	7	F	0	Electives	0	#### - Means	there	are not enough	
				P	0			responses to	be sig	gnificant	
				I	0	Other	23	_			
				?	0						

Student Course Evaluation Questionnaire

			Frequencies					Instr	uctor	Course	Dept	UMBC	Level	Sect
Questions	NR	NA	1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
General														
1. Did you gain new insights,skills from this course	0	0	0	0	0	0	3	5.00	1/1481	4.59	4.76	4.29	4.14	5.00
2. Did the instructor make clear the expected goals	0	0	0	0	0	0	3	5.00	1/1481	4.40	4.70	4.23	4.18	5.00
7. Was the grading system clearly explained	0	0	0	0	0	0	3	5.00	1/1459	4.70	4.45	4.16	4.17	5.00
8. How many times was class cancelled	0	0	0	0	0	0	3	5.00	1/1480	4.96	4.52	4.68	4.64	5.00
9. How would you grade the overall teaching effectiveness	0	1	0	0	0	0	2	5.00	1/1450	4.72	4.64	4.09	3.97	5.00

Credits Ea	arned	Cum. GPA		Expected	l Grades	Reasons		Туре		Majors	
00-27	1	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	3	Non-major	0
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	L
				P	0			responses to	be sig	nificant	
				I	0	Other	2	-			
				?	0						

Student Course Evaluation Questionnaire

	Frequencies							Instru	uctor	Course	Dept	UMBC	Level	Sect
Questions	NR	NA	1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
General														
1. Did you gain new insights,skills from this course	0	0	0	0	0	0	1	5.00	1/1481	5.00	4.76	4.29	4.14	5.00
2. Did the instructor make clear the expected goals	0	0	0	0	0	0	1	5.00	1/1481	5.00	4.70	4.23	4.18	5.00
3. Did the exam questions reflect the expected goals	0	0	0	0	0	0	1	5.00	1/1249	5.00	4.70	4.27	4.14	5.00
4. Did other evaluations reflect the expected goals	0	0	0	0	0	0	1	5.00	1/1424	5.00	4.62	4.21	4.06	5.00
5. Did assigned readings contribute to what you learned	0	0	0	0	0	0	1	5.00	1/1396	5.00	4.42	3.98	3.89	5.00
6. Did written assignments contribute to what you learned	0	0	0	0	0	0	1	5.00	1/1342	5.00	4.29	4.07	3.88	5.00
7. Was the grading system clearly explained	0	0	0	0	0	0	1	5.00	1/1459	5.00	4.45	4.16	4.17	5.00
8. How many times was class cancelled	0	0	0	0	0	0	1	5.00	1/1480	5.00	4.52	4.68	4.64	5.00

Credits Ea	arned	Cum. GPA	L	Expected	d Grades	Reasons		Туре		Majors	
00-27	0	0.00-0.99	0	A	0	Required for Majors	0	Graduate	0	Major	0
28-55	0	1.00-1.99	0	В	0						
56-83	0	2.00-2.99	0	C	1	General	0	Under-grad	1	Non-major	1
84-150	0	3.00-3.49	0	D	0						
Grad.	0	3.50-4.00	0	F	0	Electives	0	#### - Means	there	are not enough	L
				P	0			responses to	be sig	gnificant	
				I	0	Other	0				
				?	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	2	2	4.50	549/1481	4.50	4.76	4.29	4.14	4.50
2. Did the instructor make clear the expected goals	0	0	0	0	0	1	3	4.75	228/1481	4.75	4.70	4.23	4.18	4.75
3. Did the exam questions reflect the expected goals	0	3	0	0	0	0	1	5.00	1/1249	5.00	4.70	4.27	4.14	5.00
4. Did other evaluations reflect the expected goals	0	3	0	0	0	0	1	5.00	1/1424	5.00	4.62	4.21	4.06	5.00
7. Was the grading system clearly explained	0	2	0	0	0	0	2	5.00	1/1459	5.00	4.45	4.16	4.17	5.00
8. How many times was class cancelled	0	0	0	0	1	1	2	4.25	1215/1480	4.25	4.52	4.68	4.64	4.25
9. How would you grade the overall teaching effectiveness	1	1	0	0	0	2	0	4.00	836/1450	4.50	4.64	4.09	3.97	4.50
Lecture														
1. Were the instructor's lectures well prepared	3	0	1	0	0	0	0		1408/1409		4.43	4.42	4.36	2.33
2. Did the instructor seem interested in the subject	3	0	1	0	0	0	0		1405/1407		4.74	4.69	4.57	3.00
4. Did the lectures contribute to what you learned	3	0	1	0	0	0	0	1.00	1399/1400	3.00	4.59	4.27	4.19	3.00
Discussion														
1. Did class discussions contribute to what you learned	3	0	0	0	0	0	1	5.00	1/1262	5.00	4.47	4.05	3.77	5.00
2. Were all students actively encouraged to participate	3	0	0	0	0	0	1	5.00	1/1259	5.00	4.59	4.29	4.06	5.00
3. Did the instructor encourage fair and open discussion	2	0	0	0	0	0	2	5.00	1/1256	5.00	4.50	4.30	4.08	5.00
4. Were special techniques successful	3	0	0	0	0	0	1	5.00	1/ 788	5.00	4.55	4.00	3.80	5.00
Self Paced														
1. Did self-paced system contribute to what you learned	3	0	0	0	0	0	1	5.00	1/ 55	5.00	4.89	4.55	4.48	5.00
Did study questions make clear the expected goal	3	0	0	0	0	0	1	5.00	1/ 31	5.00	5.00	4.75	4.42	5.00
3. Were your contacts with the instructor helpful	3	0	0	0	0	0	1	5.00	1/ 51	5.00	4.92	4.65	4.63	5.00
4. Was the feedback/tutoring by proctors helpful	3	0	0	0	0	0	1	5.00	1/ 34	5.00	4.96	4.83	4.67	5.00
5. Were there enough proctors for all the students	3	0	0	0	0	0	1	5.00	1/ 24	5.00	5.00	4.82	4.58	5.00

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

	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	2	2	4.50	549/1481	4.50	4.76	4.29	4.14	4.50
2. Did the instructor make clear the expected goals	0	0	0	0	0	1	3	4.75	228/1481	4.75	4.70	4.23	4.18	4.75
3. Did the exam questions reflect the expected goals	0	3	0	0	0	0	1	5.00	1/1249	5.00	4.70	4.27	4.14	5.00
4. Did other evaluations reflect the expected goals	0	3	0	0	0	0	1	5.00	1/1424	5.00	4.62	4.21	4.06	5.00
7. Was the grading system clearly explained	0	2	0	0	0	0	2	5.00	1/1459	5.00	4.45	4.16	4.17	5.00
8. How many times was class cancelled	0	0	0	0	1	1	2	4.25	1215/1480	4.25	4.52	4.68	4.64	4.25
9. How would you grade the overall teaching effectiveness	2	1	0	0	0	0	1	5.00	1/1450	4.50	4.64	4.09	3.97	4.50
Lecture														
1. Were the instructor's lectures well prepared	3	0	0	0	0	0	1	5.00	1/1409	2.33	4.43	4.42	4.36	2.33
2. Did the instructor seem interested in the subject	3	0	0	0	0	0	1	5.00	1/1407	3.00	4.74	4.69	4.57	3.00
3. Was lecture material presented and explained clearly	3	0	0	0	0	0	1	5.00	1/1399	5.00	4.65	4.26	4.23	5.00
4. Did the lectures contribute to what you learned	3	0	0	0	0	0	1	5.00	1/1400	3.00	4.59	4.27	4.19	3.00
5. Did audiovisual techniques enhance your understanding	2	0	0	0	0	0	2	5.00	1/1179	5.00	4.59	3.96	3.85	5.00
Discussion														
1. Did class discussions contribute to what you learned	3	0	0	0	0	0	1	5.00	1/1262	5.00	4.47	4.05	3.77	5.00
2. Were all students actively encouraged to participate	3	0	0	0	0	0	1	5.00	1/1259	5.00	4.59	4.29	4.06	5.00
3. Did the instructor encourage fair and open discussion	2	0	0	0	0	0	2	5.00	1/1256	5.00	4.50	4.30	4.08	5.00
4. Were special techniques successful	3	0	0	0	0	0	1	5.00	1/ 788	5.00	4.55	4.00	3.80	5.00
Self Paced														
1. Did self-paced system contribute to what you learned	3	0	0	0	0	0	1	5.00	1/ 55	5.00	4.89	4.55	4.48	5.00
2. Did study questions make clear the expected goal	3	0	0	0	0	0	1	5.00	1/ 31	5.00	5.00	4.75	4.42	5.00
3. Were your contacts with the instructor helpful	3	0	0	0	0	0	1	5.00	1/ 51	5.00	4.92	4.65	4.63	5.00
4. Was the feedback/tutoring by proctors helpful	3	0	0	0	0	0	1	5.00	1/ 34	5.00	4.96	4.83	4.67	5.00
5. Were there enough proctors for all the students	3	0	0	0	0	0	1	5.00	1/ 24	5.00	5.00	4.82	4.58	5.00

Credits	Credits Earned 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	2	1.00-1.99	0	В	1						
56-83	1	2.00-2.99	0	С	0	General	0	Under-grad	4	Non-major	1
84-150	0	3.00-3.49	0	D	0						
Grad.	0	3.50-4.00	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	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	2	4.50	549/1481	4.50	4.76	4.29	4.14	4.50
2. Did the instructor make clear the expected goals	0	0	0	0	0	1	3	4.75	228/1481	4.75	4.70	4.23	4.18	4.75
3. Did the exam questions reflect the expected goals	0	3	0	0	0	0	1	5.00	1/1249	5.00	4.70	4.27	4.14	5.00
4. Did other evaluations reflect the expected goals	0	3	0	0	0	0	1	5.00	1/1424	5.00	4.62	4.21	4.06	5.00
7. Was the grading system clearly explained	0	2	0	0	0	0	2	5.00	1/1459	5.00	4.45	4.16	4.17	5.00
8. How many times was class cancelled	0	0	0	0	1	1	2	4.25	1215/1480	4.25	4.52	4.68	4.64	4.25
Lecture														
1. Were the instructor's lectures well prepared	3	0	1	0	0	0	0	1.00	1408/1409	2.33	4.43	4.42	4.36	2.33
Discussion														
1. Did class discussions contribute to what you learned	3	0	0	0	0	0	1	5.00	1/1262	5.00	4.47	4.05	3.77	5.00
2. Were all students actively encouraged to participate	3	0	0	0	0	0	1	5.00	1/1259	5.00	4.59	4.29	4.06	5.00
3. Did the instructor encourage fair and open discussion	2	0	0	0	0	0	2	5.00	1/1256		4.50	4.30	4.08	5.00
4. Were special techniques successful	3	0	0	0	0	0	1	5.00	1/ 788		4.55	4.00	3.80	5.00
Self Paced														
1. Did self-paced system contribute to what you learned	3	0	0	0	0	0	1	5.00	1/ 55	5.00	4.89	4.55	4.48	5.00
2. Did study questions make clear the expected goal	3	0	Ő	0	0	0	1	5.00	1/ 31	5.00	5.00	4.75	4.42	5.00
3. Were your contacts with the instructor helpful	3	0	Ő	0	0	0	1	5.00	1/ 51	5.00	4.92	4.65	4.63	5.00
4. Was the feedback/tutoring by proctors helpful	3	0	0	0	0	0	1	5.00	1/ 34	5.00	4.96	4.83	4.67	5.00
5. Were there enough proctors for all the students	3	0	0	0	0	0	1	5.00	1/ 24	5.00	5.00	4.82	4.58	5.00

Credits Ea	arned	Cum. GPA	L L	Expected	d Grades	Reasons		Туре		Majors	
00-27	0	0.00-0.99	0	A	3	Required for Majors	0	Graduate	0	Major	0
28-55	2	1.00-1.99	0	В	1						
56-83	1	2.00-2.99	0	С	0	General	0	Under-grad	4	Non-major	1
84-150	0	3.00-3.49	0	D	0						
Grad.	0	3.50-4.00	2	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		Instr	uctor	Course	Dept	UMBC	Level	Sect
Questions	NR	NA	1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
General														
1. Did you gain new insights, skills from this course	0	0	0	0	0	0	1	5.00	1/1481	5.00	4.76	4.29	4.14	5.00
2. Did the instructor make clear the expected goals	0	0	0	0	0	0	1	5.00	1/1481	5.00	4.70	4.23	4.18	5.00
3. Did the exam questions reflect the expected goals	0	0	0	0	0	0	1	5.00	1/1249	5.00	4.70	4.27	4.14	5.00
4. Did other evaluations reflect the expected goals	0	0	0	0	0	0	1	5.00	1/1424	5.00	4.62	4.21	4.06	5.00
5. Did assigned readings contribute to what you learned	0	0	0	0	0	0	1	5.00	1/1396	5.00	4.42	3.98	3.89	5.00
6. Did written assignments contribute to what you learned	0	0	0	0	0	0	1	5.00	1/1342	5.00	4.29	4.07	3.88	5.00
8. How many times was class cancelled	0	0	0	0	0	0	1	5.00	1/1480	5.00	4.52	4.68	4.64	5.00
Lecture														
1. Were the instructor's lectures well prepared	0	0	0	0	0	0	1	5.00	1/1409	5.00	4.43	4.42	4.36	5.00
2. Did the instructor seem interested in the subject	0	0	0	0	0	0	1	5.00	1/1407	5.00	4.74	4.69	4.57	5.00

Credits Ea	arned	Cum. GPA		Expected	l Grades	Reasons		Туре		Majors	
00-27	0	0.00-0.99	0	A	0	Required for Majors	0	Graduate	0	Major	0
28-55	0	1.00-1.99	0	В	0						
56-83	0	2.00-2.99	0	C	0	General	0	Under-grad	1	Non-major	1
84-150	0	3.00-3.49	0	D	0						
Grad.	0	3.50-4.00	0	F	0	Electives	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														
 Did you gain new insights, skills from this course 	0	0	0	0	0	0	1	5.00	1/1481	5.00	4.76	4.29	4.14	5.00
2. Did the instructor make clear the expected goals	0	0	0	0	0	0	1	5.00	1/1481	5.00	4.70	4.23	4.18	5.00
8. How many times was class cancelled	0	0	0	0	0	1	0	4.00	1349/1480	4.00	4.52	4.68	4.64	4.00
9. How would you grade the overall teaching effectiveness	0	0	0	0	0	0	1	5.00	1/1450	5.00	4.64	4.09	3.97	5.00
Lecture														
1. Were the instructor's lectures well prepared	0	0	0	0	0	0	1	5.00	1/1409	5.00	4.43	4.42	4.36	5.00
2. Did the instructor seem interested in the subject	0	0	0	0	0	0	1	5.00	1/1407	5.00	4.74	4.69	4.57	5.00
3. Was lecture material presented and explained clearly	0	0	0	0	0	0	1	5.00	1/1399	5.00	4.65	4.26	4.23	5.00
4. Did the lectures contribute to what you learned	0	0	0	0	0	0	1	5.00	1/1400	5.00	4.59	4.27	4.19	5.00
Discussion														
1. Did class discussions contribute to what you learned	0	0	0	0	0	0	1	5.00	1/1262	5.00	4.47	4.05	3.77	5.00
2. Were all students actively encouraged to participate	0	0	0	0	0	0	1	5.00	1/1259	5.00	4.59	4.29	4.06	5.00
3. Did the instructor encourage fair and open discussion	0	0	0	0	0	0	1	5.00	1/1256	5.00	4.50	4.30	4.08	5.00

Credits E	larned	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	0						
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.	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						

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	Ο	0	0	0	6	5.00	1/1481	5.00	4.76	4.29	4.14	5.00
2. Did the instructor make clear the expected goals	0	0	0	0	0	1	5	4.83	162/1481	4.83	4.70	4.23	4.18	4.83
3. Did the exam questions reflect the expected goals	0	4	0	0	0	0	2	5.00	1/1249	5.00	4.70	4.27	4.14	5.00
4. Did other evaluations reflect the expected goals	0	3	0	0	0	0	3	5.00	1/1424	5.00	4.62	4.21	4.06	5.00
5. Did assigned readings contribute to what you learned	0	4	0	0	0	0	2	5.00	1/1396	5.00	4.42	3.98	3.89	5.00
7. Was the grading system clearly explained	0	1	0	0	1	1	3	4.40	611/1459	4.40	4.45	4.16	4.17	4.40
8. How many times was class cancelled	0	0	0	0	1	4	1		1349/1480	4.00	4.52	4.68	4.64	4.00
9. How would you grade the overall teaching effectiveness	2	0	0	0	0	1	⊥ 3	4.75	164/1450		4.64	4.09	3.97	4.75
J. now would you grade the overall cedening effectiveness	2	0	0	0	0	Ŧ	5	1.75	101/1100	1.75	1.01	1.05	5.57	1.75
Lecture														
1. Were the instructor's lectures well prepared	3	0	0	0	1	2	0	3.67	1270/1409	3.67	4.43	4.42	4.36	3.67
2. Did the instructor seem interested in the subject	3	0	0	0	0	2	1	4.33	1221/1407	4.33	4.74	4.69	4.57	4.33
3. Was lecture material presented and explained clearly	3	0	0	0	0	2	1	4.33	753/1399	4.33	4.65	4.26	4.23	4.33
4. Did the lectures contribute to what you learned	3	0	0	0	0	2	1	4.33	791/1400	4.33	4.59	4.27	4.19	4.33
5. Did audiovisual techniques enhance your understanding	3	2	0	0	0	1	0	4.00	****/1179	* * * *	4.59	3.96	3.85	* * * *
Discussion	-						-							
1. Did class discussions contribute to what you learned	3	0	0	0	2	0	Ţ	3.67	931/1262		4.47	4.05	3.77	3.67
2. Were all students actively encouraged to participate	3	0	0	0	2	0	1		1067/1259	3.67	4.59	4.29	4.06	3.67
3. Did the instructor encourage fair and open discussion	3	0	0	0	2	0	1		1069/1256	3.67	4.50	4.30	4.08	3.67
4. Were special techniques successful	3	2	0	0	1	0	0	3.00	****/ 788	* * * *	4.55	4.00	3.80	* * * *
Self Paced														
1. Did self-paced system contribute to what you learned	5	0	0	0	0	0	1	5.00	****/ 55	* * * *	4.89	4.55	4.48	* * * *

Credits E	Earned	Cum. GPA		Expected	Grades	Reasons		Туре		Majors	
00-27	1	0.00-0.99	0	 А	б	Required for Majors	0	Graduate	0	Major	0
28-55	2	1.00-1.99	0	В	0						
56-83	0	2.00-2.99	0	С	0	General	2	Under-grad	6	Non-major	2
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	L
				P	0			responses to	be sig	gnificant	
				I	0	Other	4	_			
				?	0						

Student Course Evaluation Questionnaire

			Fre	equer	ncies	3		Inst	ructor	Course	Dept	UMBC	Level	Sect
Questions	NR	NA	1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
General														
1. Did you gain new insights, skills from this course	0	0	0	0	0	1	2	4.67	395/1481	4.67	4.76	4.29	4.14	4.67
2. Did the instructor make clear the expected goals	0	0	0	0	0	1	2	4.67	324/1481	4.67	4.70	4.23	4.18	4.67
3. Did the exam questions reflect the expected goals	0	1	0	0	0	1	1	4.50	498/1249	4.50	4.70	4.27	4.14	4.50
4. Did other evaluations reflect the expected goals	0	1	0	0	0	1	1	4.50	437/1424	4.50	4.62	4.21	4.06	4.50
5. Did assigned readings contribute to what you learned	0	2	0	0	0	1	0	4.00	707/1396	4.00	4.42	3.98	3.89	4.00
6. Did written assignments contribute to what you learned	0	2	0	0	0	1	0	4.00	755/1342	4.00	4.29	4.07	3.88	4.00
7. Was the grading system clearly explained	0	1	0	0	0	1	1	4.50	460/1459	4.50	4.45	4.16	4.17	4.50
8. How many times was class cancelled	0	0	0	0	0	1	2	4.67	951/1480	4.67	4.52	4.68	4.64	4.67
9. How would you grade the overall teaching effectiveness	0	0	0	0	0	0	3	5.00	1/1450	5.00	4.64	4.09	3.97	5.00
Lecture														
1. Were the instructor's lectures well prepared	1	0	0	0	0	1	1	4.50	762/1409	4.50	4.43	4.42	4.36	4.50
2. Did the instructor seem interested in the subject	1	0	0	0	0	1	1		1107/1407	4.50	4.74	4.69	4.57	4.50
3. Was lecture material presented and explained clearly	1	0	0	0	0	1	1	4.50	567/1399		4.65	4.26	4.23	4.50
4. Did the lectures contribute to what you learned	1	0	0	0	0	1	1	4.50	591/1400	4.50	4.59	4.27	4.19	4.50
5. Did audiovisual techniques enhance your understanding	2	0	0	0	0	0	1	5.00	1/1179		4.59	3.96	3.85	5.00
······································									_, ,					
Discussion														
1. Did class discussions contribute to what you learned	1	0	0	0	0	1	1	4.50	345/1262	4.50	4.47	4.05	3.77	4.50
2. Were all students actively encouraged to participate	1	0	0	0	0	1	1	4.50	588/1259	4.50	4.59	4.29	4.06	4.50
3. Did the instructor encourage fair and open discussion	1	0	0	0	0	1	1	4.50	571/1256	4.50	4.50	4.30	4.08	4.50
4. Were special techniques successful	1	1	0	0	0	1	0	4.00	394/ 788	4.00	4.55	4.00	3.80	4.00

Credits Ea	arned	Cum. GPA		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	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.	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	3				
				?	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	0	2	5.00	1/1481	5.00	4.76	4.29	4.14	5.00
2. Did the instructor make clear the expected goals	0	0	0	0	0	2	0	4.00	1000/1481	4.00	4.70	4.23	4.18	4.00
4. Did other evaluations reflect the expected goals	0	1	0	0	0	0	1	5.00	1/1424	5.00	4.62	4.21	4.06	5.00
7. Was the grading system clearly explained	0	1	0	1	0	0	0	2.00	1438/1459	2.00	4.45	4.16	4.17	2.00
8. How many times was class cancelled	1	0	0	0	0	1	0	4.00	1349/1480	4.00	4.52	4.68	4.64	4.00
9. How would you grade the overall teaching effectiveness	1	0	0	0	0	0	1	5.00	1/1450	5.00	4.64	4.09	3.97	5.00
Lecture														
1. Were the instructor's lectures well prepared	1	0	0	0	0	1	0	4.00	1152/1409	4.00	4.43	4.42	4.36	4.00
2. Did the instructor seem interested in the subject	1	0	0	0	0	0	1	5.00	1/1407	5.00	4.74	4.69	4.57	5.00
3. Was lecture material presented and explained clearly	1	0	0	0	0	0	1	5.00	1/1399	5.00	4.65	4.26	4.23	5.00
4. Did the lectures contribute to what you learned	1	0	0	0	0	0	1	5.00	1/1400	5.00	4.59	4.27	4.19	5.00
5. Did audiovisual techniques enhance your understanding	1	0	0	0	0	1	0	4.00	590/1179	4.00	4.59	3.96	3.85	4.00
Discussion														
1. Did class discussions contribute to what you learned	1	0	0	0	0	0	1	5.00	1/1262	5.00	4.47	4.05	3.77	5.00
2. Were all students actively encouraged to participate	1	0	0	0	0	0	1	5.00	1/1259	5.00	4.59	4.29	4.06	5.00
3. Did the instructor encourage fair and open discussion	1	0	0	0	0	0	1	5.00	1/1256	5.00	4.50	4.30	4.08	5.00

Credits E	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	1						
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	1	D	0						
Grad.	0	3.50-4.00	0	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	0	2	5.00	1/1481	5.00	4.76	4.29	4.14	5.00
2. Did the instructor make clear the expected goals	0	0	0	0	0	0	2	5.00	1/1481	5.00	4.70	4.23	4.18	5.00
4. Did other evaluations reflect the expected goals	0	1	0	0	0	0	1	5.00	1/1424	5.00	4.62	4.21	4.06	5.00
5. Did assigned readings contribute to what you learned	0	1	0	0	0	0	1	5.00	1/1396	5.00	4.42	3.98	3.89	5.00
8. How many times was class cancelled	0	0	0	1	0	1	0	3.00	1469/1480	3.00	4.52	4.68	4.64	3.00
9. How would you grade the overall teaching effectiveness	0	0	0	0	0	2	0	4.00	836/1450	4.00	4.64	4.09	3.97	4.00
Lecture														
2. Did the instructor seem interested in the subject	1	0	0	0	1	0	0	3.00	1397/1407	3.00	4.74	4.69	4.57	3.00
4. Did the lectures contribute to what you learned	1	0	0	0	0	1	0	4.00	1017/1400	4.00	4.59	4.27	4.19	4.00

Credits Ea	arned	Cum. GPA		Expected	l 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	2	Non-major	0
84-150	0	3.00-3.49	0	D	0						
Grad.	0	3.50-4.00	0	F	0	Electives	0	#### - Means	there	are not enough	
				P	0			responses to	be sig	nificant	
				I	1	Other	2	_			
				?	0						

Student Course Evaluation Questionnaire

				-	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	1	0	0	0	0	2	8	4.80	233/1481	4.80	4.76	4.29	4.40	4.80
2. Did the instructor make clear the expected goals	1	0	0	0	0	3	7	4.70	286/1481	4.70	4.70	4.23	4.29	4.70
3. Did the exam questions reflect the expected goals	1	0	0	0	1	1	8	4.70	298/1249	4.70	4.70	4.27	4.36	4.70
4. Did other evaluations reflect the expected goals	1	1	0	0	1	1	7	4.67	287/1424	4.67	4.62	4.21	4.28	4.67
5. Did assigned readings contribute to what you learned	2	7	0	0	0	0	2	5.00	****/1396	* * * *	4.42	3.98	3.94	* * * *
6. Did written assignments contribute to what you learned	2	8	0	0	0	0	1	5.00	****/1342	* * * *	4.29	4.07	4.05	* * * *
7. Was the grading system clearly explained	2	0	0	0	2	1	б	4.44	550/1459	4.44	4.45	4.16	4.17	4.44
8. How many times was class cancelled	2	1	0	0	1	1	б	4.63	981/1480	4.63	4.52	4.68	4.68	4.63
9. How would you grade the overall teaching effectiveness	2	0	0	0	1	2	6	4.56	296/1450	4.56	4.64	4.09	4.15	4.56
Teshous														
Lecture	~	0	~	0	~	1	4	4 0 0	224/1400	4 0 0	4 4 2	4 4 0	4 4 17	4 0 0
1. Were the instructor's lectures well prepared	6	0	0	0	0	Ţ	4	4.80	334/1409		4.43	4.42	4.47	4.80
2. Did the instructor seem interested in the subject	6	0	-	0	0	1	5	5.00	1/1407		4.74	4.69	4.78	5.00
3. Was lecture material presented and explained clearly	6	0	0 0	1 0	1	1	2		1145/1399		4.65	4.26	4.29	3.80
4. Did the lectures contribute to what you learned	6	0	-	-	1	2	3	4.60	492/1400 ****/1179		4.59	4.27	4.34	4.60 ****
5. Did audiovisual techniques enhance your understanding	8	T	0	0	T	T	0	3.50	****/11/9	****	4.59	3.96	4.05	****
Discussion														
1. Did class discussions contribute to what you learned	9	0	0	0	0	0	2	5.00	****/1262	* * * *	4.47	4.05	4.11	* * * *
2. Were all students actively encouraged to participate	9	0	0	0	0	0	2	5.00	****/1259	* * * *	4.59	4.29	4.34	* * * *
3. Did the instructor encourage fair and open discussion	9	0	0	0	0	1	1	4.50	****/1256	* * * *	4.50	4.30	4.28	* * * *
4. Were special techniques successful	9	1	0	0	0	1	0	4.00	****/ 788	* * * *	4.55	4.00	3.98	* * * *
Laboratory	1.0	0	~	~	~	~	1	F 00	**** / 046	ىلە باد باد	4 0 0	4 00	4 - 1	* * * *
1. Did the lab increase understanding of the material	10	0	0	0	0	0	1		****/ 246		4.00	4.20	4.51	* * * *
2. Were you provided with adequate background information	10	0	0	0	0	0	1		****/ 249		5.00	4.11	4.32	****
4. Did the lab instructor provide assistance	10	0	0	0	0	U	T	5.00	****/ 240	****	5.00	4.20	4.58	~ ~ ~ ~
Seminar														
2. Was the instructor available for individual attention	10	0	0	1	0	0	0	2.00	****/ 69	* * * *	* * * *	4.53	4.83	* * * *

Credits Ea	arned	Cum. GPA		Expected	Grades	Reasons		Туре		Majors	
00-27	0	0.00-0.99	0	A	7	Required for Majors	0	Graduate	0	Major	0
28-55	1	1.00-1.99	0	В	3						
56-83	0	2.00-2.99	0	С	0	General	0	Under-grad	11	Non-major	1
84-150	2	3.00-3.49	3	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	9				
				?	0						

Student Course Evaluation Questionnaire

				quer		s			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	1	1	5	10	25	4.36	729/1481	4.36	4.76	4.29	4.40	4.36
2. Did the instructor make clear the expected goals	0	0	0	2	8	13	19	4.17	909/1481	4.17	4.70	4.23	4.29	4.17
3. Did the exam questions reflect the expected goals	0	0	0	0	7	11	24	4.40	624/1249	4.40	4.70	4.27	4.36	4.40
4. Did other evaluations reflect the expected goals	0	31	0	1	3	2	5	4.00	959/1424	4.00	4.62	4.21	4.28	4.00
5. Did assigned readings contribute to what you learned	0	2	0	2	5	12	21	4.30	459/1396	4.30	4.42	3.98	3.94	4.30
6. Did written assignments contribute to what you learned	0	33	0	0	3	1	5	4.22	****/1342	* * * *	4.29	4.07	4.05	* * * *
7. Was the grading system clearly explained	0	0	1	0	4	8	29	4.52	436/1459	4.52	4.45	4.16	4.17	4.52
8. How many times was class cancelled	0	2	0	0	0	15	25	4.63	981/1480	4.63	4.52	4.68	4.68	4.63
9. How would you grade the overall teaching effectiveness	8	1	0	0	8	15	10	4.06	803/1450	4.06	4.64	4.09	4.15	4.06
Lecture														
1. Were the instructor's lectures well prepared	4	0	0	1	3	14	20	4.39	902/1409	4.39	4.43	4.42	4.47	4.39
2. Did the instructor seem interested in the subject	4	0	0	0	0	4	34	4.89	522/1407	4.89	4.74	4.69	4.78	4.89
3. Was lecture material presented and explained clearly	4	0	0	1	5	13	19	4.32	773/1399	4.32	4.65	4.26	4.29	4.32
4. Did the lectures contribute to what you learned	4	2	2	2	2	8	22	4.28	852/1400	4.28	4.59	4.27	4.34	4.28
5. Did audiovisual techniques enhance your understanding	5	4	0	2	4	3	24	4.48	275/1179	4.48	4.59	3.96	4.05	4.48
Discussion														
1. Did class discussions contribute to what you learned	23	0	0	4	4	c	F	3.63	944/1262	3.63	4.47	4.05	4.11	3.63
2. Were all students actively encouraged to participate	23 24	0	0	4 0	1 1	2	5 14	4.72	391/1252	4.72	4.47	4.05	4.11	3.83 4.72
3. Did the instructor encourage fair and open discussion	24 23	0	0	0	1	5	$14 \\ 13$	4.72	486/1256	4.72	4.59	4.29	4.34	4.72
4. Were special techniques successful	23 23	16	1	0	0	0	13 2		****/ 788	4.03	4.50	4.30	4.20	4.05
4. Were special techniques successful	23	ΤŪ	Ŧ	0	0	0	2	3.07	/ /00		4.55	4.00	3.90	
Laboratory														
1. Did the lab increase understanding of the material	40	1	0	0	0	0	1	5.00	****/ 246	* * * *	4.00	4.20	4.51	* * * *
2. Were you provided with adequate background information	41	0	0	0	0	0	1	5.00	****/ 249	* * * *	5.00	4.11	4.32	* * * *
3. Were necessary materials available for lab activities	41	0	0	0	0	0	1	5.00	****/ 242	* * * *	5.00	4.40	4.63	* * * *
4. Did the lab instructor provide assistance	41	0	0	0	0	0	1	5.00	****/ 240	* * * *	5.00	4.20	4.58	* * * *
5. Were requirements for lab reports clearly specified	41	0	0	0	0	0	1	5.00	****/ 217	* * * *	5.00	4.04	4.28	* * * *

Credits 1	Earned	Cum. GPA	A	Expecte	d Grades	Reasons		Туре		Majors	
00-27	6	0.00-0.99	0	 А	26	Required for Majors	27	Graduate	0	Major	0
28-55	15	1.00-1.99	2	В	10						
56-83	2	2.00-2.99	7	С	3	General	6	Under-grad	42	Non-major	11
84-150	б	3.00-3.49	8	D	0						
Grad.	0	3.50-4.00	12	F	1	Electives	1	#### - Means	there	are not enough	ı
				P	0			responses to	be sig	gnificant	
				I	0	Other	8				
				?	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	
General														
1. Did you gain new insights, skills from this course	4	0	0	0	0	7	66	4.90	159/1481			4.29	4.40	4.90
2. Did the instructor make clear the expected goals	4	0	0	2	6	25	40	4.41	646/1481	4.41	4.70	4.23	4.29	4.41
3. Did the exam questions reflect the expected goals	4	0	2	0	4	19	48	4.52	479/1249	4.52	4.70	4.27	4.36	4.52
4. Did other evaluations reflect the expected goals	4	58	0	0	1	2	12		****/1424	****	4.62	4.21	4.28	****
5. Did assigned readings contribute to what you learned	7	41	3	2	7	6	11	3.69	972/1396	3.69	4.42	3.98	3.94	3.69
6. Did written assignments contribute to what you learned	4	67	0	0	1	0	5		****/1342	****	4.29	4.07	4.05	****
7. Was the grading system clearly explained	4	0	0	2	2	8	61	4.75	196/1459	4.75	4.45	4.16	4.17	4.75
8. How many times was class cancelled	4	0	0	0 0	0	1	72 33	4.99	141/1480	4.99	4.52	4.68	4.68	4.99
9. How would you grade the overall teaching effectiveness	18	1	0	0	4	21	33	4.50	334/1450	4.50	4.64	4.09	4.15	4.50
Lecture														
1. Were the instructor's lectures well prepared	4	0	0	0	1	4	68	4.92	169/1409	4.92	4.43	4.42	4.47	4.92
2. Did the instructor seem interested in the subject	4	0	0	0	0	2	71	4.97	150/1407	4.97	4.74	4.69	4.78	4.97
3. Was lecture material presented and explained clearly	4	0	0	0	1	14	58	4.78	234/1399	4.78	4.65	4.26	4.29	4.78
4. Did the lectures contribute to what you learned	4	0	0	0	1	3	69	4.93	102/1400	4.93	4.59	4.27	4.34	4.93
5. Did audiovisual techniques enhance your understanding	б	1	0	0	0	7	63	4.90	88/1179	4.90	4.59	3.96	4.05	4.90
Discussion														
1. Did class discussions contribute to what you learned	41	0	11	2	6	4	13		1108/1262		4.47	4.05	4.11	3.17
Were all students actively encouraged to participate	41	0	15	1	8	6	6	2.64	1222/1259	2.64	4.59	4.29	4.34	2.64
3. Did the instructor encourage fair and open discussion	41	0	12	1	5	4	14		1152/1256	3.19	4.50	4.30	4.28	3.19
4. Were special techniques successful	41	31	0	1	0	0	4	4.40	****/ 788	* * * *	4.55	4.00	3.98	* * * *
Laboratory														
1. Did the lab increase understanding of the material	73	3	0	0	0	0	1	5 00	****/ 246	* * * *	4.00	4.20	4.51	* * * *
2. Were you provided with adequate background information	73	0	1	0	1	0	2		****/ 249	* * * *			4.32	
2. Nere you provided with adequate background information	75	0	-	0	-	0	2	5.50	, 219		5.00	1.11	1.52	
Seminar														
4. Did presentations contribute to what you learned	75	1	0	0	0	0	1	5.00	****/ 69	* * * *	4.00	4.35	4.72	* * * *
5. Were criteria for grading made clear	75	1	0	0	0	0	1	5.00	****/ 68	* * * *	5.00	3.92	3.55	* * * *
Field Work														
1. Did field experience contribute to what you learned	75	0	0	0	1	0	1	1 00	****/ 59	* * * *	5.00	4.30	4.67	* * * *
2. Did you clearly understand your evaluation criteria	75	0	0	0	1	0	1		****/ 51	****	4.25	4.00	4.07	****
3. Was the instructor available for consultation	75 75	1	0	0	0	0	1		****/ 36	****	4.25 5.00	4.00	4.07	****
4. To what degree could you discuss your evaluations	75	1	0	0	0	0	1	5.00	****/ 41	****	5.00	4.80	4.64	****
5. Did conferences help you carry out field activities	75	0	0	0	0	0	1 2		****/ 31	****	5.00	4.20	4.89	****
5. Did conferences help you carry out field activities	15	0	0	0	0	U	2	5.00			5.00	4.42	4.00	
Self Paced														
1. Did self-paced system contribute to what you learned	75	0	0	0	0	0	2	5.00	****/ 55	* * * *	4.89	4.55	4.44	* * * *
2. Did study questions make clear the expected goal	75	1	0	0	0	0	1	5.00	****/ 31	* * * *	5.00	4.75	4.50	* * * *
3. Were your contacts with the instructor helpful	75	0	0	0	0	0	2	5.00	****/ 51	* * * *	4.92	4.65	4.66	* * * *
4. Was the feedback/tutoring by proctors helpful	75	1	0	0	0	0	1	5.00	****/ 34	* * * *	4.96	4.83	4.43	* * * *
5. Were there enough proctors for all the students	75	1	0	0	0	0	1	5.00	****/ 24	* * * *	5.00	4.82	5.00	* * * *

Course-Section:	MUSC 2	217	0101	
Title	ROCK &	k R	ELATED	MUSIC
Instructor:	MORIN	, J	OSEPH	
Enrollment:	129			
Questionnaires:	77			

Student Course Evaluation Questionnaire

Credits E	larned	Cum. GPA	ł	Expecte	d Grades	Reasons		Туре		Majors	
00-27	16	0.00-0.99	0	A	29	Required for Majors	34	Graduate	1	Major	0
28-55	9	1.00-1.99	1	В	22						
56-83	3	2.00-2.99	4	C	7	General	20	Under-grad	76	Non-major	40
84-150	8	3.00-3.49	15	D	0						
Grad.	1	3.50-4.00	14	F	0	Electives	3	#### - Means	there	are not enough	ı
				P	0			responses to	be sig	gnificant	
				I	0	Other	2				
				?	0						

Student Course Evaluation Questionnaire

			Fre	equei	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	0	0	1	3	7	4.55	513/1481	4.55	4.76	4.29	4.40	4.55
2. Did the instructor make clear the expected goals	2	0	0	0	1	4	6	4.45	589/1481	4.45	4.70	4.23	4.29	4.45
3. Did the exam questions reflect the expected goals	2	0	0	0	0	4	7	4.64	369/1249	4.64	4.70	4.27	4.36	4.64
4. Did other evaluations reflect the expected goals	2	0	0	1	0	3	7	4.45	497/1424	4.45	4.62	4.21	4.28	4.45
5. Did assigned readings contribute to what you learned	2	1	1	1	1	2	5	3.90	801/1396	3.90	4.42	3.98	3.94	3.90
6. Did written assignments contribute to what you learned	2	4	0	0	1	2	4	4.43	384/1342	4.43	4.29	4.07	4.05	4.43
7. Was the grading system clearly explained	2	0	0	0	1	4	б	4.45	535/1459	4.45	4.45	4.16	4.17	4.45
8. How many times was class cancelled	2	0	0	0	0	10	1	4.09	1326/1480	4.09	4.52	4.68	4.68	4.09
9. How would you grade the overall teaching effectiveness	4	0	0	0	1	3	5	4.44	417/1450	4.44	4.64	4.09	4.15	4.44
Lecture														
1. Were the instructor's lectures well prepared	2	0	0	0	0	5	б	4.55	716/1409	4.55	4.43	4.42	4.47	4.55
2. Did the instructor seem interested in the subject	2	0	0	0	0	3	8	4.73	880/1407	4.73	4.74	4.69	4.78	4.73
3. Was lecture material presented and explained clearly	2	0	0	0	3	2	6	4.27	810/1399	4.27	4.65	4.26	4.29	4.27
4. Did the lectures contribute to what you learned	2	0	0	0	2	3	б	4.36	754/1400	4.36	4.59	4.27	4.34	4.36
5. Did audiovisual techniques enhance your understanding	2	0	0	0	0	3	8	4.73	147/1179	4.73	4.59	3.96	4.05	4.73
Discussion														
1. Did class discussions contribute to what you learned	2	0	0	0	2	4	5	4.27	556/1262	4.27	4.47	4.05	4.11	4.27
2. Were all students actively encouraged to participate	2	0	0	0	2	2	7	4.45	634/1259		4.59	4.29	4.34	4.45
3. Did the instructor encourage fair and open discussion	2	0	0	0	1	3	7	4.55	549/1256		4.50	4.30	4.28	4.55
4. Were special techniques successful	3	4	1	0	0	2	3	4.00	394/ 788		4.55	4.00	3.98	4.00

Credits Ea	arned	Cum. GPA	L L	Expected	d Grades	Reasons		Туре		Majors	
00-27	3	0.00-0.99	0	А	7	Required for Majors	0	Graduate	0	Major	0
28-55	2	1.00-1.99	1	В	4						
56-83	1	2.00-2.99	0	С	0	General	2	Under-grad	13	Non-major	3
84-150	0	3.00-3.49	4	D	0						
Grad.	0	3.50-4.00	2	F	0	Electives	1	#### - Means	there	are not enough	L
				P	0			responses to	be sig	gnificant	
				I	0	Other	7	-			
				?	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	1	2	4.67	395/1481	4.67	4.76	4.29	4.40	4.67
2. Did the instructor make clear the expected goals	0	0	0	0	0	0	3	5.00	1/1481	5.00	4.70	4.23	4.29	5.00
4. Did other evaluations reflect the expected goals	0	1	0	0	0	0	2	5.00	1/1424	5.00	4.62	4.21	4.28	5.00
5. Did assigned readings contribute to what you learned	0	2	0	0	0	0	1	5.00	1/1396	5.00	4.42	3.98	3.94	5.00
6. Did written assignments contribute to what you learned	0	0	0	0	0	0	3	5.00	1/1342	5.00	4.29	4.07	4.05	5.00
7. Was the grading system clearly explained	0	1	0	0	1	1	0	3.50	1256/1459	3.50	4.45	4.16	4.17	3.50
8. How many times was class cancelled	0	0	0	0	0	1	2	4.67	951/1480	4.67	4.52	4.68	4.68	4.67
9. How would you grade the overall teaching effectiveness	1	0	0	0	0	0	2	5.00	1/1450	5.00	4.64	4.09	4.15	5.00
Lecture														
1. Were the instructor's lectures well prepared	0	0	0	0	0	0	3	5.00	1/1409	5.00	4.43	4.42	4.47	5.00
2. Did the instructor seem interested in the subject	0	0	0	0	0	0	3	5.00	1/1409	5.00	4.43	4.42	4.47	5.00
3. Was lecture material presented and explained clearly	0	0	0	0	0	1	2	4.67	376/1399	4.67	4.74		4.78	5.00 4.67
1 1 1	0	0	0	0	1	0	2	4.67			4.65	4.26	4.29	4.67
4. Did the lectures contribute to what you learned		1	0			-			791/1400	4.33		4.27		
5. Did audiovisual techniques enhance your understanding	0	T	0	0	0	1	1	4.50	259/1179	4.50	4.59	3.96	4.05	4.50
Discussion														
1. Did class discussions contribute to what you learned	2	0	0	0	0	0	1	5.00	1/1262	5.00	4.47	4.05	4.11	5.00
2. Were all students actively encouraged to participate	2	0	0	0	0	0	1	5.00	1/1259	5.00	4.59	4.29	4.34	5.00
3. Did the instructor encourage fair and open discussion	2	0	1	0	0	0	0	1.00	1254/1256	1.00	4.50	4.30	4.28	1.00
4. Were special techniques successful	2	0	0	0	0	1	0	4.00	394/ 788	4.00	4.55	4.00	3.98	4.00
Laboratory	-	-	-	_	-	_	_							
1. Did the lab increase understanding of the material	2	0	0	0	0	1	0	4.00	155/ 246	4.00	4.00	4.20	4.51	4.00
2. Were you provided with adequate background information	2	0	0	0	0	0	1		1/ 249	5.00	5.00	4.11	4.32	5.00
3. Were necessary materials available for lab activities	2	0	0	0	0	0	1	5.00	1/ 242	5.00	5.00	4.40	4.63	5.00
4. Did the lab instructor provide assistance	2	0	0	0	0	0	1	5.00	1/ 240	5.00	5.00	4.20	4.58	5.00
5. Were requirements for lab reports clearly specified	2	0	0	0	0	0	1	5.00	1/ 217	5.00	5.00	4.04	4.28	5.00
Seminar														
1. Were assigned topics relevant to the announced theme	2	0	0	0	0	0	1	5.00	1/ 68	5.00	5.00	4.49	5.00	5.00
4. Did presentations contribute to what you learned	2	0	0	0	0	1	0	4.00	48/ 69	4.00	4.00	4.35	4.72	4.00
5. Were criteria for grading made clear	2	0	0	0	0	0	1	5.00	1/ 68	5.00	5.00	3.92	3.55	5.00
Field Work	0	0	0	0	•	0	-	E 0.0	1 /	- 00	F 0.0	4 2 6	4 65	F 00
1. Did field experience contribute to what you learned	2	0	0	0	0	0	1	5.00	1/ 59	5.00	5.00	4.30	4.67	5.00
2. Did you clearly understand your evaluation criteria	2	0	0	0	0	1	0	4.00	28/ 51	4.00	4.25	4.00	4.07	4.00
Self Paced														
1. Did self-paced system contribute to what you learned	2	0	0	0	0	0	1	5.00	1/ 55	5.00	4.89	4.55	4.44	5.00

Credits E	arned	Cum. GPA		Expected	l Grades	Reasons		Туре		Majors	
00-27	1	0.00-0.99	0	A	3	Required for Majors	0	Graduate	0	Major	0
28-55	1	1.00-1.99	1	В	0						
56-83	1	2.00-2.99	1	С	0	General	2	Under-grad	3	Non-major	1
84-150	0	3.00-3.49	0	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	0				
				?	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	9	4.90	159/1481	4.90	4.76	4.29	4.40	4.90
2. Did the instructor make clear the expected goals	0	0	0	0	0	4	6	4.60	399/1481	4.60	4.70	4.23	4.29	4.60
3. Did the exam questions reflect the expected goals	0	0	0	0	0	2	8	4.80	203/1249	4.80	4.70	4.27	4.36	4.80
4. Did other evaluations reflect the expected goals	0	0	0	0	0	1	9	4.90	136/1424	4.90	4.62	4.21	4.28	4.90
5. Did assigned readings contribute to what you learned	0	2	0	1	0	4	3	4.13	623/1396	4.13	4.42	3.98	3.94	4.13
6. Did written assignments contribute to what you learned	1	1	0	0	1	2	5	4.50	303/1342	4.50	4.29	4.07	4.05	4.50
7. Was the grading system clearly explained	1	0	0	0	1	2	б	4.56	402/1459	4.56	4.45	4.16	4.17	4.56
8. How many times was class cancelled	0	0	0	0	1	1	8	4.70	928/1480	4.70	4.52	4.68	4.68	4.70
9. How would you grade the overall teaching effectiveness	0	0	0	0	0	2	8	4.80	139/1450	4.80	4.64	4.09	4.15	4.80
Lecture														
1. Were the instructor's lectures well prepared	5	0	0	0	0	1	4	4.80	334/1409	4.80	4.43	4.42	4.47	4.80
2. Did the instructor seem interested in the subject	5	0	0	0	0	1	4	4.80	728/1407	4.80	4.74	4.69	4.78	4.80
3. Was lecture material presented and explained clearly	5	0	0	0	0	2	3	4.60	459/1399	4.60	4.65	4.26	4.29	4.60
4. Did the lectures contribute to what you learned	5	0	0	0	0	1	4	4.80	250/1400		4.59	4.27	4.34	4.80
5. Did audiovisual techniques enhance your understanding	5	0	ñ	0	0	2	3	4.60	208/1179		4.59	3.96	4.05	4.60
5. Dia additivitadi econniques ennance your understanding	5	0	0	0	0	2	5	1.00	200/11/9	1.00	1.55	5.90	1.05	1.00
Discussion														
1. Did class discussions contribute to what you learned	8	0	0	0	0	0	2	5.00	****/1262	* * * *	4.47	4.05	4.11	* * * *
2. Were all students actively encouraged to participate	8	0	0	0	0	1	1	4.50	****/1259	* * * *	4.59	4.29	4.34	* * * *
3. Did the instructor encourage fair and open discussion	8	0	0	0	0	1	1	4.50	****/1256	* * * *	4.50	4.30	4.28	* * * *
4. Were special techniques successful	8	1	0	0	0	0	1	5.00	****/ 788	* * * *	4.55	4.00	3.98	* * * *

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

Student Course Evaluation Questionnaire

			Fre	equer	ncies	5		Inst	ructor	Course	Dept	UMBC	Level	Sect
Questions	NR	NA	1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
General														
1. Did you gain new insights,skills from this course	0	0	3	1	2	5	16	4.11	996/1481	4.11	4.76	4.29	4.40	4.11
2. Did the instructor make clear the expected goals	0	0	2	1	2	б	16	4.22	854/1481	4.22	4.70	4.23	4.29	4.22
3. Did the exam questions reflect the expected goals	0	0	1	3	4	3	16	4.11	846/1249	4.11	4.70	4.27	4.36	4.11
4. Did other evaluations reflect the expected goals	1	1	2	0	3	5	15	4.24	762/1424	4.24	4.62	4.21	4.28	4.24
5. Did assigned readings contribute to what you learned	2	0	2	2	7	7	7	3.60	1025/1396	3.60	4.42	3.98	3.94	3.60
6. Did written assignments contribute to what you learned	2	4	2	1	3	7	8	3.86	920/1342	3.86	4.29	4.07	4.05	3.86
7. Was the grading system clearly explained	2	0	1	1	3	б	14	4.24	792/1459	4.24	4.45	4.16	4.17	4.24
8. How many times was class cancelled	2	0	0	0	0	б	19	4.76	871/1480	4.76	4.52	4.68	4.68	4.76
9. How would you grade the overall teaching effectiveness	3	0	2	0	4	9	9	3.96	904/1450	3.96	4.64	4.09	4.15	3.96
Lecture														
1. Were the instructor's lectures well prepared	2	0	0	1	3	4	17	4.48	787/1409	4.48	4.43	4.42	4.47	4.48
2. Did the instructor seem interested in the subject	2	0	0	3	0	2	20	4.56	1061/1407	4.56	4.74	4.69	4.78	4.56
3. Was lecture material presented and explained clearly	2	0	2	1	2	4	16	4.24	846/1399	4.24	4.65	4.26	4.29	4.24
4. Did the lectures contribute to what you learned	3	0	3	1	1	5	14	4.08	991/1400	4.08	4.59	4.27	4.34	4.08
5. Did audiovisual techniques enhance your understanding	3	0	1	1	1	3	18	4.50	259/1179	4.50	4.59	3.96	4.05	4.50
Discussion														
1. Did class discussions contribute to what you learned	16	0	1	1	0	3	6	4.09	677/1262	4.09	4.47	4.05	4.11	4.09
2. Were all students actively encouraged to participate	16	0	0	0	0	3	8	4.73	391/1259	4.73	4.59	4.29	4.34	4.73
3. Did the instructor encourage fair and open discussion	16	0	0	0	0	3	8	4.73	394/1256	4.73	4.50	4.30	4.28	4.73
4. Were special techniques successful	17	3	0	0	0	2	5	4.71	117/ 788	4.71	4.55	4.00	3.98	4.71

Credits E	arned	Cum. GPA	Į	Expecte	d Grades	Reasons		Туре		Majors	
00-27	1	0.00-0.99	0	А А	21	Required for Majors	11	Graduate	0	Major	0
28-55	0	1.00-1.99	0	В	3						
56-83	3	2.00-2.99	1	C	1	General	7	Under-grad	27	Non-major	2
84-150	11	3.00-3.49	2	D	0						
Grad.	0	3.50-4.00	14	F	0	Electives	0	#### - Means	there	are not enough	
				P	1			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	1	б	4.86	196/1481	4.86	4.76	4.29	4.29	4.86
2. Did the instructor make clear the expected goals	0	0	0	0	0	1	б	4.86	149/1481	4.86	4.70	4.23	4.23	4.86
3. Did the exam questions reflect the expected goals	0	5	0	0	0	0	2	5.00	1/1249	5.00	4.70	4.27	4.28	5.00
4. Did other evaluations reflect the expected goals	0	4	0	0	0	0	3	5.00	1/1424	5.00	4.62	4.21	4.27	5.00
5. Did assigned readings contribute to what you learned	0	б	0	0	0	0	1	5.00	****/1396	* * * *	4.42	3.98	4.00	* * * *
7. Was the grading system clearly explained	0	3	0	0	0	0	4	5.00	1/1459	5.00	4.45	4.16	4.17	5.00
8. How many times was class cancelled	0	0	0	0	0	2	5	4.71	912/1480	4.71	4.52	4.68	4.65	4.71
9. How would you grade the overall teaching effectiveness	0	0	0	0	0	1	б	4.86	119/1450	4.86	4.64	4.09	4.10	4.86
Lecture														
1. Were the instructor's lectures well prepared	5	0	1	0	0	0	1	3.00	1356/1409	3.00	4.43	4.42	4.43	3.00
2. Did the instructor seem interested in the subject	5	0	0	0	0	0	2	5.00	1/1407	5.00	4.74	4.69	4.67	5.00
3. Was lecture material presented and explained clearly	5	0	1	0	0	0	1	3.00	1325/1399	3.00	4.65	4.26	4.27	3.00
4. Did the lectures contribute to what you learned	5	0	0	0	0	1	1	4.50	591/1400	4.50	4.59	4.27	4.28	4.50
5. Did audiovisual techniques enhance your understanding	5	1	0	0	0	0	1	5.00	****/1179	* * * *	4.59	3.96	4.02	* * * *
Discussion														
1. Did class discussions contribute to what you learned	5	0	0	0	0	0	2	5.00	1/1262	5.00	4.47	4.05	4.14	5.00
2. Were all students actively encouraged to participate	5	0	0	0	0	0	2	5.00	1/1259		4.59	4.29	4.34	5.00
3. Did the instructor encourage fair and open discussion	5	0	0	0	0	0	2	5.00	1/1256		4.50	4.30	4.34	5.00

Credits E	arned	Cum. GPA		Expected	l Grades	Reasons		Туре		Majors	
00-27	0	0.00-0.99	0	A	б	Required for Majors	0	Graduate	0	Major	0
28-55	2	1.00-1.99	0	В	0						
56-83	0	2.00-2.99	0	C	0	General	4	Under-grad	7	Non-major	1
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	
				Р	0			responses to	be sig	gnificant	
				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	4	11	4.73	316/1481	4.73	4.76	4.29	4.29	4.73
2. Did the instructor make clear the expected goals	0	0	0	1	1	1	12	4.60	399/1481	4.60	4.70	4.23	4.23	4.60
3. Did the exam questions reflect the expected goals	0	9	1	0	0	1	4	4.17	810/1249	4.17	4.70	4.27	4.28	4.17
4. Did other evaluations reflect the expected goals	0	11	0	0	0	0	4	5.00	1/1424	5.00	4.62	4.21	4.27	5.00
5. Did assigned readings contribute to what you learned	0	8	0	0	0	0	7	5.00	1/1396	5.00	4.42	3.98	4.00	5.00
6. Did written assignments contribute to what you learned	0	13	0	0	0	0	2	5.00	****/1342	* * * *	4.29	4.07	4.12	* * * *
7. Was the grading system clearly explained	0	7	1	0	1	0	б	4.25	775/1459	4.25	4.45	4.16	4.17	4.25
8. How many times was class cancelled	1	1	0	0	0	6	7	4.54	1029/1480	4.54	4.52	4.68	4.65	4.54
9. How would you grade the overall teaching effectiveness	2	0	0	0	0	1	12	4.92	79/1450	4.92	4.64	4.09	4.10	4.92
Lecture														
1. Were the instructor's lectures well prepared	8	0	0	0	1	1	5	4.57	682/1409	4.57	4.43	4.42	4.43	4.57
2. Did the instructor seem interested in the subject	8	Ő	0	0	0	0	7	5.00	1/1407	5.00	4.74	4.69	4.67	5.00
3. Was lecture material presented and explained clearly	10	Ő	0	0	0	0	5	5.00	1/1399	5.00	4.65	4.26	4.27	5.00
4. Did the lectures contribute to what you learned	9	0	0	0	0	0	6	5.00	1/1400		4.59	4.27	4.28	5.00
5. Did audiovisual techniques enhance your understanding	9	4	0	0	0	0	2		****/1179		4.59	3.96	4.02	* * * *
Discussion														
1. Did class discussions contribute to what you learned	13	0	0	0	0	0	2	5.00	****/1262	* * * *	4.47	4.05	4.14	* * * *
2. Were all students actively encouraged to participate	13	0	0	0	0	0	2	5.00	****/1259	* * * *	4.59	4.29	4.34	* * * *
3. Did the instructor encourage fair and open discussion	13	0	0	0	0	0	2	5.00	****/1256	* * * *	4.50	4.30	4.34	* * * *
4. Were special techniques successful	13	0	0	0	0	0	2	5.00	****/ 788	****	4.55	4.00	4.07	* * * *

Credits Ea	arned	Cum. GPA		Expecte	d Grades	Reasons		Туре		Majors	
00-27	3	0.00-0.99	0	А А	14	Required for Majors	0	Graduate	0	Major	0
28-55	3	1.00-1.99	0	В	0						
56-83	2	2.00-2.99	0	С	0	General	9	Under-grad	15	Non-major	5
84-150	1	3.00-3.49	3	D	0						
Grad.	0	3.50-4.00	7	F	0	Electives	1	#### - Means	there	are not enough	L
				P	0			responses to	be sig	gnificant	
				I	0	Other	4	_			
				?	0						

Student Course Evaluation Questionnaire

				quer		5			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	4	29	4.82	218/1481	4.82	4.76	4.29	4.29	4.82
2. Did the instructor make clear the expected goals	0	0	0	0	0	3	31	4.91	103/1481	4.91	4.70	4.23	4.23	4.91
3. Did the exam questions reflect the expected goals	1	25	0	0	0	1	7	4.88	****/1249	* * * *	4.70	4.27	4.28	* * * *
4. Did other evaluations reflect the expected goals	1	21	0	0	0	0	12	5.00	1/1424	5.00	4.62	4.21	4.27	5.00
5. Did assigned readings contribute to what you learned	2	21	0	0	0	1	10	4.91	82/1396	4.91	4.42	3.98	4.00	4.91
6. Did written assignments contribute to what you learned	2	27	0	0	0	0	5	5.00	****/1342	* * * *	4.29	4.07	4.12	* * * *
7. Was the grading system clearly explained	1	5	0	0	1	5	22	4.75	196/1459	4.75	4.45	4.16	4.17	4.75
8. How many times was class cancelled	1	0	0	0	0	18	15		1079/1480	4.45	4.52	4.68	4.65	4.45
9. How would you grade the overall teaching effectiveness	13	1	0	0	0	3	17	4.85	119/1450	4.85	4.64	4.09	4.10	4.85
T e shuue														
Lecture 1. Were the instructor's lectures well prepared	18	0	0	0	0	2	14	4.88	231/1409	4.88	4.43	4.42	4.43	4.88
2. Did the instructor seem interested in the subject	16	0	0	0	0	0	18	5.00	1/1407	5.00	4.74	4.42	4.67	5.00
3. Was lecture material presented and explained clearly	18	0	0	0	0	0	16	5.00	1/1399	5.00	4.65	4.26	4.27	5.00
4. Did the lectures contribute to what you learned	19	0	0	0	0	0	15	5.00	1/1400	5.00	4.59	4.27	4.28	5.00
5. Did audiovisual techniques enhance your understanding	21	5	0	0	0	0	8		****/1179	****	4.59	3.96	4.02	****
5. Fia additional committee committee four anderstanding		5	Ũ	0	0	Ū	0	5.00	, 11, 12		1105	5.50	1.02	
Discussion														
1. Did class discussions contribute to what you learned	23	0	1	0	0	2	8	4.45	391/1262	4.45	4.47	4.05	4.14	4.45
Were all students actively encouraged to participate	23	0	0	0	0	1	10	4.91	211/1259	4.91	4.59	4.29	4.34	4.91
3. Did the instructor encourage fair and open discussion	23	0	1	0	0	1	9	4.55	549/1256	4.55	4.50	4.30	4.34	4.55
4. Were special techniques successful	23	4	0	0	0	0	7	5.00	****/ 788	* * * *	4.55	4.00	4.07	* * * *
Field Work														
1. Did field experience contribute to what you learned	33	0	0	0	0	0	1	5.00	****/ 59	* * * *	5.00	4.30	4.48	* * * *
2. Did you clearly understand your evaluation criteria	33	Ő	Õ	0	0	0	1	5.00	****/ 51	* * * *	4.25	4.00	4.13	* * * *
3. Was the instructor available for consultation	33	Ő	0	0	0	0	1		****/ 36	* * * *	5.00	4.60	4.33	* * * *
4. To what degree could you discuss your evaluations	33	0	0	0	0	0	1	5.00	****/ 41	* * * *	5.00	4.26	3.90	* * * *
5. Did conferences help you carry out field activities	33	0	0	0	0	0	1	5.00	****/ 31	* * * *	5.00	4.42	4.00	* * * *
Self Paced														
1. Did self-paced system contribute to what you learned	33	0	0	0	0	0	1		****/ 55	****	4.89	4.55	4.88	* * * *
2. Did study questions make clear the expected goal	33	0	0	0	0	0	1		****/ 31	****	5.00	4.75	4.67	* * * *
3. Were your contacts with the instructor helpful	33	0	0	0	0	0	1	5.00	****/ 51	* * * *	4.92	4.65	4.88	* * * *

Credits	Earned	Cum. GPA		Expecte	d Grades	Reasons		Туре		Majors	
00-27	3	0.00-0.99	0	A	29	Required for Majors	1	Graduate	0	Major	0
28-55	1	1.00-1.99	0	В	1						
56-83	5	2.00-2.99	3	C	1	General	17	Under-grad	34	Non-major	9
84-150	8	3.00-3.49	9	D	0						
Grad.	0	3.50-4.00	5	F	0	Electives	7	#### - 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	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	4	4.80	233/1481	4.80	4.76	4.29	4.29	4.80
2. Did the instructor make clear the expected goals	0	0	0	0	0	2	3	4.60	399/1481	4.60	4.70	4.23	4.23	4.60
3. Did the exam questions reflect the expected goals	1	3	0	0	0	1	0	4.00	****/1249	* * * *	4.70	4.27	4.28	* * * *
4. Did other evaluations reflect the expected goals	0	4	0	0	0	1	0	4.00	****/1424	* * * *	4.62	4.21	4.27	* * * *
5. Did assigned readings contribute to what you learned	0	4	0	0	0	1	0	4.00	****/1396	* * * *	4.42	3.98	4.00	* * * *
6. Did written assignments contribute to what you learned	0	4	0	0	0	1	0	4.00	****/1342	* * * *	4.29	4.07	4.12	* * * *
7. Was the grading system clearly explained	0	2	0	0	0	1	2	4.67	276/1459	4.67	4.45	4.16	4.17	4.67
8. How many times was class cancelled	1	0	0	0	0	1	3	4.75	880/1480	4.75	4.52	4.68	4.65	4.75
9. How would you grade the overall teaching effectiveness	0	0	0	0	1	1	3	4.40	473/1450	4.40	4.64	4.09	4.10	4.40
Lecture														
1. Were the instructor's lectures well prepared	1	0	0	0	0	1	3	4.75	417/1409	4.75	4.43	4.42	4.43	4.75
2. Did the instructor seem interested in the subject	2	0	0	0	0	0	3	5.00	1/1407	5.00	4.74	4.69	4.67	5.00
3. Was lecture material presented and explained clearly	2	0	0	0	0	1	2	4.67	376/1399	4.67	4.65	4.26	4.27	4.67
4. Did the lectures contribute to what you learned	2	0	0	0	0	2	1	4.33	791/1400	4.33	4.59	4.27	4.28	4.33
5. Did audiovisual techniques enhance your understanding	2	1	0	0	0	0	2	5.00	1/1179	5.00	4.59	3.96	4.02	5.00
Discussion														
1. Did class discussions contribute to what you learned	0	0	0	0	0	1	4	4.80	167/1262	4.80	4.47	4.05	4.14	4.80
2. Were all students actively encouraged to participate	0	0	0	0	0	1	4	4.80	304/1259	4.80	4.59	4.29	4.34	4.80
3. Did the instructor encourage fair and open discussion	0	0	0	0	0	0	5	5.00	1/1256		4.50	4.30	4.34	5.00
4. Were special techniques successful	0	3	0	0	0	0	2	5.00	1/ 788		4.55	4.00	4.07	5.00
	0 0	0 3	0 0	0 0	0 0	0 0	5 2							

Credits Ea	arned	Cum. GPA	L L	Expected	d Grades	Reasons		Туре		Majors	
00-27	2	0.00-0.99	0	А	2	Required for Majors	0	Graduate	0	Major	0
28-55	1	1.00-1.99	0	В	1						
56-83	0	2.00-2.99	0	С	1	General	0	Under-grad	5	Non-major	1
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	L
				P	0			responses to	be sig	gnificant	
				I	0	Other	5				
				?	0						

Student Course Evaluation Questionnaire

			Fre	equer	ncies	3		Inst	ructor	Course	Dept	UMBC	Level	Sect
Questions	NR	NA	1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
General														
1. Did you gain new insights,skills from this course	0	0	0	0	1	1	3	4.40	678/1481	4.40	4.76	4.29	4.29	4.40
2. Did the instructor make clear the expected goals	0	0	0	0	0	0	5	5.00	1/1481	5.00	4.70	4.23	4.23	5.00
3. Did the exam questions reflect the expected goals	0	3	0	0	0	0	2	5.00	1/1249	5.00	4.70	4.27	4.28	5.00
4. Did other evaluations reflect the expected goals	0	1	0	0	0	1	3	4.75	217/1424	4.75	4.62	4.21	4.27	4.75
5. Did assigned readings contribute to what you learned	0	4	0	0	0	0	1	5.00	****/1396	* * * *	4.42	3.98	4.00	* * * *
6. Did written assignments contribute to what you learned	0	4	0	0	0	0	1	5.00	****/1342	* * * *	4.29	4.07	4.12	* * * *
7. Was the grading system clearly explained	0	3	0	0	0	0	2	5.00	1/1459	5.00	4.45	4.16	4.17	5.00
8. How many times was class cancelled	0	0	0	0	0	2	3	4.60	997/1480	4.60	4.52	4.68	4.65	4.60
9. How would you grade the overall teaching effectiveness	1	0	0	0	0	1	3	4.75	164/1450	4.75	4.64	4.09	4.10	4.75
Lecture														
1. Were the instructor's lectures well prepared	4	0	0	0	0	0	1	5.00	****/1409	* * * *	4.43	4.42	4.43	* * * *
2. Did the instructor seem interested in the subject	4	0	0	0	0	0	1	5.00	****/1407	* * * *	4.74	4.69	4.67	* * * *
3. Was lecture material presented and explained clearly	4	0	0	0	0	0	1	5.00	****/1399	* * * *	4.65	4.26	4.27	* * * *
4. Did the lectures contribute to what you learned	4	0	0	0	0	0	1	5.00	****/1400	* * * *	4.59	4.27	4.28	* * * *
Discussion														
1. Did class discussions contribute to what you learned	4	0	0	0	0	0	1	F 00	****/1262	* * * *	4.47	4.05	4.14	* * * *
2. Were all students actively encouraged to participate	4	0	0	0	0	0	1		****/1252		4.47	4.05	4.14	* * * *
3. Did the instructor encourage fair and open discussion	4	0	0	0	0	0	1		****/1259		4.59	4.29	4.34	* * * *
4. Were special techniques successful	4 1	0	0	0	0	0	⊥ 1		****/ 788		4.50	4.30	4.34	* * * *
4. WELE SPECIAL LECHNIQUES SUCCESSIUL	4	U	U	U	U	U	T	5.00	/88		4.00	4.00	4.0/	

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

Student Course Evaluation Questionnaire

	Frequencies NR NA 1 2 3 4 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	3	5.00	1/1481	5.00	4.76	4.29	4.29	5.00
2. Did the instructor make clear the expected goals	0	0	0	0	0	0	3	5.00	1/1481	5.00	4.70	4.23	4.23	5.00
7. Was the grading system clearly explained	0	1	0	0	0	0	2	5.00	1/1459	5.00	4.45	4.16	4.17	5.00
8. How many times was class cancelled	0	0	0	0	0	1	2	4.67	951/1480	4.67	4.52	4.68	4.65	4.67
9. How would you grade the overall teaching effectiveness	0	0	0	0	0	0	3	5.00	1/1450	5.00	4.64	4.09	4.10	5.00

Credits Ea	arned	Cum. GPA		Expected	l Grades	Reasons		Туре		Majors	
00-27	1	0.00-0.99	0	А	3	Required for Majors	0	Graduate	0	Major	0
28-55	0	1.00-1.99	0	В	0						
56-83	0	2.00-2.99	0	С	0	General	1	Under-grad	3	Non-major	0
84-150	0	3.00-3.49	1	D	0						
Grad.	0	3.50-4.00	0	F	0	Electives	0	#### - Means	there	are not enough	
				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	2	5	4.71	340/1481	4.71	4.76	4.29	4.29	4.71
2. Did the instructor make clear the expected goals	0	0	0	0	0	1	6	4.86	149/1481	4.86	4.70	4.23	4.23	4.86
3. Did the exam questions reflect the expected goals	1	5	0	0	0	0	1	5.00	****/1249	* * * *	4.70	4.27	4.28	* * * *
4. Did other evaluations reflect the expected goals	0	4	0	0	0	0	3	5.00	1/1424	5.00	4.62	4.21	4.27	5.00
5. Did assigned readings contribute to what you learned	0	5	0	0	0	0	2	5.00	1/1396	5.00	4.42	3.98	4.00	5.00
6. Did written assignments contribute to what you learned	0	б	0	0	0	0	1	5.00	****/1342	* * * *	4.29	4.07	4.12	* * * *
7. Was the grading system clearly explained	1	5	0	0	0	0	1	5.00	****/1459	* * * *	4.45	4.16	4.17	* * * *
8. How many times was class cancelled	0	1	0	0	0	1	5	4.83	797/1480	4.83	4.52	4.68	4.65	4.83
9. How would you grade the overall teaching effectiveness	0	0	0	0	0	0	7	5.00	1/1450	5.00	4.64	4.09	4.10	5.00
Lecture														
1. Were the instructor's lectures well prepared	4	0	0	0	0	0	3	5.00	1/1409	5.00	4.43	4.42	4.43	5.00
2. Did the instructor seem interested in the subject	4	0	0	0	0	0	3	5.00	1/1407	5.00	4.74	4.69	4.67	5.00
3. Was lecture material presented and explained clearly	4	0	0	0	0	0	3	5.00	1/1399	5.00	4.65	4.26	4.27	5.00
4. Did the lectures contribute to what you learned	4	0	0	0	0	1	2	4.67	421/1400	4.67	4.59	4.27	4.28	4.67
5. Did audiovisual techniques enhance your understanding	4	0	0	0	0	1	2	4.67	177/1179	4.67	4.59	3.96	4.02	4.67
Discussion														
1. Did class discussions contribute to what you learned	4	0	0	0	0	1	2	4.67	264/1262	4.67	4.47	4.05	4.14	4.67
2. Were all students actively encouraged to participate	4	0	0	0	0	1	2	4.67	451/1259	4.67	4.59	4.29	4.34	4.67
3. Did the instructor encourage fair and open discussion	4	0	0	0	0	1	2	4.67	457/1256	4.67	4.50	4.30	4.34	4.67
4. Were special techniques successful	4	1	0	0	0	1	1	4.50	176/ 788	4.50	4.55	4.00	4.07	4.50
1. Note Special countrals Successful	1	-	5	5	5	-	-	1.50	1,0, 100	1.50	1.55	1.00	1.07	1.50

Credits Ea	arned	Cum. GPA		Expected	d Grades	Reasons		Туре		Majors	
00-27	1	0.00-0.99	0	А	6	Required for Majors	0	Graduate	0	Major	0
28-55	0	1.00-1.99	0	В	1						
56-83	2	2.00-2.99	0	С	0	General	0	Under-grad	7	Non-major	2
84-150	0	3.00-3.49	1	D	0						
Grad.	0	3.50-4.00	5	F	0	Electives	1	#### - Means	there	are not enough	L
				P	0			responses to	be sig	gnificant	
				I	0	Other	5	_			
				?	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	0	3	5.00	1/1481	5.00	4.76	4.29	4.29	5.00
2. Did the instructor make clear the expected goals	0	0	0	0	0	0	3	5.00	1/1481	5.00	4.70	4.23	4.23	5.00
3. Did the exam questions reflect the expected goals	1	1	0	0	0	0	1	5.00	1/1249	5.00	4.70	4.27	4.28	5.00
4. Did other evaluations reflect the expected goals	0	1	0	0	0	0	2	5.00	1/1424	5.00	4.62	4.21	4.27	5.00
7. Was the grading system clearly explained	1	1	0	0	0	0	1	5.00	1/1459	5.00	4.45	4.16	4.17	5.00
8. How many times was class cancelled	1	0	0	0	0	1	1	4.50	1044/1480	4.50	4.52	4.68	4.65	4.50
9. How would you grade the overall teaching effectiveness	1	0	0	0	0	0	2	5.00	1/1450	5.00	4.64	4.09	4.10	5.00
Lecture														
1. Were the instructor's lectures well prepared	2	0	0	0	0	0	1	5.00	1/1409	5.00	4.43	4.42	4.43	5.00
2. Did the instructor seem interested in the subject	2	0	0	Ő	0	0	1	5.00	1/1407	5.00	4.74	4.69	4.67	5.00
3. Was lecture material presented and explained clearly	2	0	0	0	0	0	1	5.00	1/1399	5.00	4.65	4.26	4.27	5.00
4. Did the lectures contribute to what you learned	2	0	0	0	0	0	1	5.00	1/1400	5.00	4.59	4.27	4.28	5.00
5. Did audiovisual techniques enhance your understanding	2	0	0	0	0	0	1	5.00	1/1179	5.00	4.59	3.96		5.00
Discussion														
1. Did class discussions contribute to what you learned	2	0	Ο	0	0	0	1	5.00	1/1262	5.00	4.47	4.05	4.14	5.00
2. Were all students actively encouraged to participate	2	0	0	0	0	0	1	5.00	1/1252	5.00	4.59	4.29	4.34	5.00
3. Did the instructor encourage fair and open discussion	2	0	0	0	0	0	1	5.00	1/1256	5.00	4.50	4.30	4.34	5.00
4. Were special techniques successful	2	0	0	0	0	0	1	5.00	1/ 788	5.00	4.55	4.00	4.07	5.00
Self Paced														
	1	0	0	0	0	0	2	F 00	1/ 55	F 00	1 0 0	4 55	4.88	5.00
1. Did self-paced system contribute to what you learned	1	0	0 0	0 0	0	0	2 1	5.00	1/ 55	5.00 5.00	4.89 5.00	4.55 4.75	4.88	5.00
 Did study questions make clear the expected goal Were your contacts with the instructor helpful 	1	0	0	0	0 0	0	1 2	5.00 5.00	1/ 31	5.00	5.00 4.92	4.75	4.87	5.00
 Were your contacts with the instructor helpful Was the feedback/tutoring by proctors helpful 	1	1	0	0	0	0 0	2	5.00	1/ 51	5.00	4.92	4.65	4.88	5.00
5. Were there enough proctors for all the students	1	1	0	0	0	0	1	5.00	1/ 34	5.00	4.96	4.83	4.67	5.00

Credits	Earned	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	1	2.00-2.99	0	С	0	General	1	Under-grad	3	Non-major	2
84-150	0	3.00-3.49	1	D	0						
Grad.	0	3.50-4.00	1	F	0	Electives	0	#### - Means	there	are not enough	
				P	0			responses to	be sig	gnificant	
				I	0	Other	2				
				?	0						

Student Course Evaluation Questionnaire

			Fre	equer	ncies	3		Inst	ructor	Course	Dept	UMBC	Level	Sect
Questions	NR	NA	1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
General														
1. Did you gain new insights,skills from this course	0	0	0	0	0	1	1	4.50	549/1481	4.50	4.76	4.29	4.29	4.50
2. Did the instructor make clear the expected goals	0	0	0	0	0	1	1	4.50	517/1481	4.50	4.70	4.23	4.23	4.50
3. Did the exam questions reflect the expected goals	0	0	0	0	1	0	1	4.00	893/1249	4.00	4.70	4.27	4.28	4.00
4. Did other evaluations reflect the expected goals	0	0	0	0	0	1	1	4.50	437/1424	4.50	4.62	4.21	4.27	4.50
5. Did assigned readings contribute to what you learned	0	0	0	0	0	1	1	4.50	297/1396	4.50	4.42	3.98	4.00	4.50
6. Did written assignments contribute to what you learned	0	1	0	0	0	0	1	5.00	1/1342	5.00	4.29	4.07	4.12	5.00
7. Was the grading system clearly explained	0	0	0	0	0	1	1	4.50	460/1459	4.50	4.45	4.16	4.17	4.50
8. How many times was class cancelled	0	0	0	0	0	0	2	5.00	1/1480	5.00	4.52	4.68	4.65	5.00
9. How would you grade the overall teaching effectiveness	1	0	0	0	0	0	1	5.00	1/1450	5.00	4.64	4.09	4.10	5.00
Lecture														
1. Were the instructor's lectures well prepared	0	0	0	0	0	1	1	4.50	762/1409	4.50	4.43	4.42	4.43	4.50
2. Did the instructor seem interested in the subject	0	0	0	0	0	1	1		1107/1407	4.50	4.74	4.69	4.67	4.50
3. Was lecture material presented and explained clearly	0	0	0	0	0	0	2	5.00	1/1399	5.00	4.65	4.26	4.27	5.00
4. Did the lectures contribute to what you learned	0	0	0	0	0	1	1	4.50	591/1400	4.50	4.59	4.27	4.28	4.50
5. Did audiovisual techniques enhance your understanding	0	0	0	0	0	1	1	4.50	259/1179		4.59	3.96	4.02	4.50
5. Dia adalovibiai econniques ennance your understanding	0	0	0	0	0	1	-	1.50	239/11/9	1.50	1.55	5.90	1.02	1.50
Discussion														
1. Did class discussions contribute to what you learned	0	0	0	0	0	1	1	4.50	345/1262	4.50	4.47	4.05	4.14	4.50
2. Were all students actively encouraged to participate	0	0	0	0	0	1	1	4.50	588/1259	4.50	4.59	4.29	4.34	4.50
3. Did the instructor encourage fair and open discussion	0	0	0	0	0	1	1	4.50	571/1256	4.50	4.50	4.30	4.34	4.50
4. Were special techniques successful	0	0	0	0	0	1	1	4.50	176/ 788	4.50	4.55	4.00	4.07	4.50

Credits Ea	arned	Cum. GPA		Expected	d Grades	Reasons		Туре		Majors	
00-27	0	0.00-0.99	0	A	2	Required for Majors	0	Graduate	0	Major	0
28-55	0	1.00-1.99	0	В	0						
56-83	0	2.00-2.99	0	C	0	General	0	Under-grad	2	Non-major	0
84-150	0	3.00-3.49	0	D	0						
Grad.	0	3.50-4.00	0	F	0	Electives	0	#### - Means	there	are not enough	L
				P	0			responses to	be sig	nificant	
				I	0	Other	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	3	4.75	292/1481	4.75	4.76	4.29	4.29	4.75
2. Did the instructor make clear the expected goals	0	0	0	0	0	0	4	5.00	1/1481	5.00	4.70	4.23	4.23	5.00
8. How many times was class cancelled	1	0	0	0	0	2	1	4.33	1158/1480	4.33	4.52	4.68	4.65	4.33
9. How would you grade the overall teaching effectiveness	1	0	0	0	0	0	3	5.00	1/1450	5.00	4.64	4.09	4.10	5.00

Credits E	arned	Cum. GPA	L L	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	0						
56-83	0	2.00-2.99	0	С	0	General	0	Under-grad	4	Non-major	0
84-150	1	3.00-3.49	1	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	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	4	5.00	1/1481	5.00	4.76	4.29	4.29	5.00
2. Did the instructor make clear the expected goals	0	0	0	0	1	0	3	4.50	517/1481	4.50	4.70	4.23	4.23	4.50
4. Did other evaluations reflect the expected goals	1	2	0	0	0	0	1	5.00	1/1424	5.00	4.62	4.21	4.27	5.00
5. Did assigned readings contribute to what you learned	0	0	0	0	0	2	2	4.50	297/1396	4.50	4.42	3.98	4.00	4.50
6. Did written assignments contribute to what you learned	1	0	0	0	0	1	2	4.67	190/1342	4.67	4.29	4.07	4.12	4.67
8. How many times was class cancelled	0	0	0	0	0	2	2	4.50	1044/1480	4.50	4.52	4.68	4.65	4.50
9. How would you grade the overall teaching effectiveness	2	0	0	0	0	0	2	5.00	1/1450	5.00	4.64	4.09	4.10	5.00
Lecture														
1. Were the instructor's lectures well prepared	2	0	0	0	0	1	1	4.50	762/1409	4.50	4.43	4.42	4.43	4.50
2. Did the instructor seem interested in the subject	2	0	0	0	0	0	2	5.00	1/1407	5.00	4.74	4.69	4.67	5.00
3. Was lecture material presented and explained clearly	2	0	0	0	0	1	1	4.50	567/1399	4.50	4.65	4.26	4.27	4.50
4. Did the lectures contribute to what you learned	2	0	0	0	0	1	1	4.50	591/1400	4.50	4.59	4.27	4.28	4.50
5. Did audiovisual techniques enhance your understanding	2	0	0	0	0	0	2	5.00	1/1179	5.00	4.59	3.96	4.02	5.00
Discussion														
1. Did class discussions contribute to what you learned	2	0	0	0	0	0	2	5.00	1/1262	5.00	4.47	4.05	4.14	5.00
2. Were all students actively encouraged to participate	2	Ő	Ő	Ő	0	0	2	5.00	1/1259		4.59	4.29	4.34	5.00
3. Did the instructor encourage fair and open discussion	2	Ő	Ő	Ő	0	0	2	5.00	1/1256		4.50	4.30	4.34	5.00
4. Were special techniques successful	2	0	0	0	1	1	0	3.50	604/ 788	3.50	4.55	4.00	4.07	3.50

Credits E	arned	Cum. GPA	L	Expected	Grades	Reasons		Туре		Majors	
00-27	0	0.00-0.99	0	А	4	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	С	0	General	0	Under-grad	4	Non-major	2
84-150	0	3.00-3.49	0	D	0						
Grad.	0	3.50-4.00	1	F	0	Electives	1	#### - Means	there	are not enough	1
				P	0			responses to	be sig	gnificant	
				I	0	Other	2				
				?	0						

Student Course Evaluation Questionnaire

Questians	NTD	N T 7	Fre	equer 2	ncies 3	5 4	F		ructor	Course	-	UMBC		Sect
Questions	NR	NA	T	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	1/1481	5.00	4.76	4.29	4.29	5.00
2. Did the instructor make clear the expected goals	0	0	0	0	1	1	7	4.67	324/1481	4.67	4.70	4.23	4.23	4.67
3. Did the exam questions reflect the expected goals	0	8	0	0	0	0	1	5.00	****/1249	* * * *	4.70	4.27	4.28	* * * *
4. Did other evaluations reflect the expected goals	0	8	0	0	0	0	1	5.00	****/1424	* * * *	4.62	4.21	4.27	* * * *
7. Was the grading system clearly explained	1	2	0	0	0	1	5	4.83	143/1459	4.83	4.45	4.16	4.17	4.83
8. How many times was class cancelled	1	0	0	0	0	0	8	5.00	1/1480	5.00	4.52	4.68	4.65	5.00
9. How would you grade the overall teaching effectiveness	1	1	0	0	1	1	5	4.57	281/1450	4.57	4.64	4.09	4.10	4.57
Lecture														
1. Were the instructor's lectures well prepared	8	0	0	0	0	1	0	4.00	****/1409	* * * *	4.43	4.42	4.43	* * * *
2. Did the instructor seem interested in the subject	8	0	0	0	0	1	0	4.00	****/1407	* * * *	4.74	4.69	4.67	* * * *
3. Was lecture material presented and explained clearly	8	0	0	0	0	1	0	4.00	****/1399	* * * *	4.65	4.26	4.27	* * * *
4. Did the lectures contribute to what you learned	8	0	0	0	0	1	0	4.00	****/1400	* * * *	4.59	4.27	4.28	* * * *

Credits E	arned	Cum. GPA	7	Expected	l Grades	Reasons		Туре		Majors	
00-27	0	0.00-0.99	0	А А	8	Required for Majors	0	Graduate	0	Major	0
28-55	0	1.00-1.99	1	В	0						
56-83	1	2.00-2.99	1	С	0	General	4	Under-grad	9	Non-major	3
84-150	1	3.00-3.49	1	D	0						
Grad.	0	3.50-4.00	1	F	0	Electives	1	#### - Means	there	are not enough	L
				P	0			responses to	be sig	gnificant	
				I	0	Other	4				
				?	0						

Student Course Evaluation Questionnaire

			Fre	-	ncies		-		ructor	Course	-	UMBC		Sect
Questions	NR	NA	T	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
General														
1. Did you gain new insights,skills from this course	1	0	0	0	0	1	3	4.75	292/1481	4.75	4.76	4.29	4.29	4.75
2. Did the instructor make clear the expected goals	1	0	0	0	0	1	3	4.75	228/1481	4.75	4.70	4.23	4.23	4.75
3. Did the exam questions reflect the expected goals	1	0	0	0	0	0	4	5.00	1/1249	5.00	4.70	4.27	4.28	5.00
4. Did other evaluations reflect the expected goals	2	1	0	0	0	0	2	5.00	1/1424	5.00	4.62	4.21	4.27	5.00
7. Was the grading system clearly explained	2	1	0	0	0	0	2	5.00	1/1459	5.00	4.45	4.16	4.17	5.00
8. How many times was class cancelled	2	0	0	0	1	1	1	4.00	1349/1480	4.00	4.52	4.68	4.65	4.00
9. How would you grade the overall teaching effectiveness	2	0	0	0	0	0	3	5.00	1/1450	5.00	4.64	4.09	4.10	5.00
Lecture														
1. Were the instructor's lectures well prepared	4	0	0	0	0	0	1	5.00	****/1409	* * * *	4.43	4.42	4.43	* * * *
2. Did the instructor seem interested in the subject	4	0	0	0	0	0	1	5.00	****/1407	* * * *	4.74	4.69	4.67	* * * *
3. Was lecture material presented and explained clearly	4	0	0	0	0	0	1	5.00	****/1399	* * * *	4.65	4.26	4.27	* * * *
4. Did the lectures contribute to what you learned	4	0	0	0	0	0	1	5.00	****/1400	* * * *	4.59	4.27	4.28	* * * *

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	0	2.00-2.99	0	C	0	General	1	Under-grad	5	Non-major	1
84-150	0	3.00-3.49	0	D	0						
Grad.	0	3.50-4.00	0	F	0	Electives	1	#### - Means	there	are not enough	
				P	0			responses to	be sig	gnificant	
				I	0	Other	3	_			
				?	0						

Student Course Evaluation Questionnaire

			Fre	equer	ncies	3		Inst	ructor	Course	Dept	UMBC	Level	Sect
Questions	NR	NA	1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
General														
1. Did you gain new insights, skills from this course	0	0	0	0	0	2	6	4.75	292/1481	4.75	4.76	4.29	4.29	4.75
2. Did the instructor make clear the expected goals	0	0	0	0	0	3	5	4.63	374/1481	4.63	4.70	4.23	4.23	4.63
3. Did the exam questions reflect the expected goals	0	0	0	0	0	0	8	5.00	1/1249	5.00	4.70	4.27	4.28	5.00
4. Did other evaluations reflect the expected goals	0	1	0	0	0	0	7	5.00	1/1424	5.00	4.62	4.21	4.27	5.00
5. Did assigned readings contribute to what you learned	0	2	0	0	0	1	5	4.83	102/1396	4.83	4.42	3.98	4.00	4.83
6. Did written assignments contribute to what you learned	0	б	0	0	0	1	1	4.50	303/1342	4.50	4.29	4.07	4.12	4.50
7. Was the grading system clearly explained	0	0	0	0	2	2	4	4.25	775/1459	4.25	4.45	4.16	4.17	4.25
8. How many times was class cancelled	0	0	0	0	0	0	8	5.00	1/1480	5.00	4.52	4.68	4.65	5.00
9. How would you grade the overall teaching effectiveness	0	0	0	0	0	1	7	4.88	111/1450	4.88	4.64	4.09	4.10	4.88
Lecture														
1. Were the instructor's lectures well prepared	1	0	0	0	1	4	2	4.14	1098/1409	4.14	4.43	4.42	4.43	4.14
2. Did the instructor seem interested in the subject	1	Ő	0	0	0	0	7	5.00	1/1407	5.00	4.74	4.69	4.67	5.00
3. Was lecture material presented and explained clearly	1	0	0	0	1	1	5	4.57	491/1399	4.57	4.65	4.26	4.27	4.57
4. Did the lectures contribute to what you learned	1	0	0	0	0	1	6	4.86	198/1400	4.86	4.59	4.27	4.28	4.86
5. Did audiovisual techniques enhance your understanding	1	0	0	0	0	0	7	5.00	1/1179	5.00	4.59	3.96	4.02	5.00
Discussion														
1. Did class discussions contribute to what you learned	5	0	0	0	0	0	3	5.00	1/1262	5.00	4.47	4.05	4.14	5.00
2. Were all students actively encouraged to participate	5	0	0	0	0	0	3	5.00	1/1262	5.00	4.47	4.05	4.14	5.00
3. Did the instructor encourage fair and open discussion	5	0	0	0	0	0	3	5.00	1/1259	5.00	4.59	4.29	4.34	5.00
4. Were special techniques successful	5	1	0	0	0	0	2	5.00	1/ 788	5.00	4.50	4.00	4.07	5.00
4. Were special techniques successful	5	Ŧ	0	0	0	0	2	5.00	1/ /00	5.00	4.55	4.00	4.07	5.00
Laboratory														
1. Did the lab increase understanding of the material	7	0	0	0	0	0	1		****/ 246	* * * *	4.00	4.20	4.20	* * * *
2. Were you provided with adequate background information	7	0	0	0	0	0	1	5.00	****/ 249	* * * *	5.00	4.11	4.23	* * * *
3. Were necessary materials available for lab activities	7	0	0	0	0	0	1	5.00	****/ 242	* * * *	5.00	4.40	4.36	* * * *
4. Did the lab instructor provide assistance	7	0	0	0	0	0	1	5.00	****/ 240	* * * *	5.00	4.20	3.96	* * * *
5. Were requirements for lab reports clearly specified	7	0	0	0	0	0	1	5.00	****/ 217	* * * *	5.00	4.04	4.11	****
Self Paced														
1. Did self-paced system contribute to what you learned	7	0	0	0	0	0	1	5.00	****/ 55	* * * *	4.89	4.55	4.88	* * * *
2. Did study questions make clear the expected goal	7	0	0	0	0	0	1	5.00	****/ 31	* * * *	5.00	4.75	4.67	* * * *
3. Were your contacts with the instructor helpful	7	0	0	0	0	0	1	5.00	****/ 51	* * * *	4.92	4.65	4.88	* * * *

Credits E	arned	Cum. GPA		Expected	Grades	Reasons		Туре		Majors	
00-27	1	0.00-0.99	0	А	8	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	0	C	0	General	1	Under-grad	8	Non-major	2
84-150	1	3.00-3.49	1	D	0						
Grad.	0	3.50-4.00	2	F	0	Electives	0	#### - Means	there	are not enough	1
				P	0			responses to	be sig	gnificant	
				I	0	Other	5	-			
				?	0						

Student Course Evaluation Questionnaire

			Fre	equer	ncies	3		Inst	ructor	Course	Dept	UMBC	Level	Sect
Questions	NR	NA	1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
General														
1. Did you gain new insights,skills from this course	0	0	1	0	0	0	5	4.33	749/1481	4.33	4.76	4.29	4.29	4.33
2. Did the instructor make clear the expected goals	0	0	0	0	1	0	5	4.67	324/1481	4.67	4.70	4.23	4.23	4.67
3. Did the exam questions reflect the expected goals	0	0	0	0	1	0	5	4.67	334/1249	4.67	4.70	4.27	4.28	4.67
4. Did other evaluations reflect the expected goals	0	0	0	0	1	0	5	4.67	287/1424	4.67	4.62	4.21	4.27	4.67
5. Did assigned readings contribute to what you learned	0	0	0	0	2	0	4	4.33	435/1396	4.33	4.42	3.98	4.00	4.33
6. Did written assignments contribute to what you learned	0	0	0	0	1	0	5	4.67	190/1342	4.67	4.29	4.07	4.12	4.67
7. Was the grading system clearly explained	0	0	0	0	1	0	5	4.67	276/1459	4.67	4.45	4.16	4.17	4.67
8. How many times was class cancelled	0	0	1	0	0	2	3	4.00	1349/1480	4.00	4.52	4.68	4.65	4.00
9. How would you grade the overall teaching effectiveness	0	1	0	0	0	3	2	4.40	473/1450	4.40	4.64	4.09	4.10	4.40
Lecture														
1. Were the instructor's lectures well prepared	0	0	0	0	1	0	5	4.67	559/1409	4.67	4.43	4.42	4.43	4.67
2. Did the instructor seem interested in the subject	0	0	0	0	0	0	6	5.00	1/1407	5.00	4.74	4.69	4.67	5.00
3. Was lecture material presented and explained clearly	0	0	0	0	1	0	5	4.67	376/1399	4.67	4.65	4.26	4.27	4.67
4. Did the lectures contribute to what you learned	0	0	0	0	1	0	5	4.67	421/1400	4.67	4.59	4.27	4.28	4.67
5. Did audiovisual techniques enhance your understanding	1	1	0	0	0	0	4	5.00	1/1179	5.00	4.59	3.96	4.02	5.00
Discussion														
1. Did class discussions contribute to what you learned	2	0	1	0	0	0	3	4.00	708/1262	4.00	4.47	4.05	4.14	4.00
Were all students actively encouraged to participate	2	0	1	0	0	0	3	4.00	895/1259	4.00	4.59	4.29	4.34	4.00
3. Did the instructor encourage fair and open discussion	2	0	0	1	0	0	3	4.25	773/1256	4.25	4.50	4.30	4.34	4.25
4. Were special techniques successful	2	0	1	0	0	0	3	4.00	394/ 788	4.00	4.55	4.00	4.07	4.00

Credits Ea	arned	Cum. GPA		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	2	General	0	Under-grad	6	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	L
				P	0			responses to	be sig	gnificant	
				I	0	Other	б				
				?	1						

Student Course Evaluation Questionnaire

	-						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	1/1481	5.00	4.76	4.29	4.29	5.00
2. Did the instructor make clear the expected goals	0	0	0	0	0	1	3	4.75	228/1481	4.75	4.70	4.23	4.23	4.75
3. Did the exam questions reflect the expected goals	0	3	0	0	0	0	1	5.00	1/1249	5.00	4.70	4.27	4.28	5.00
4. Did other evaluations reflect the expected goals	1	0	0	0	0	0	3	5.00	1/1424	5.00	4.62	4.21	4.27	5.00
5. Did assigned readings contribute to what you learned	1	0	0	0	0	1	2	4.67	193/1396	4.67	4.42	3.98	4.00	4.67
6. Did written assignments contribute to what you learned	0	0	0	0	0	1	3	4.75	135/1342	4.75	4.29	4.07	4.12	4.75
7. Was the grading system clearly explained	1	0	0	0	0	2	1	4.33	695/1459	4.33	4.45	4.16	4.17	4.33
8. How many times was class cancelled	1	0	0	0	0	0	3	5.00	1/1480	5.00	4.52	4.68	4.65	5.00
9. How would you grade the overall teaching effectiveness	1	0	0	0	0	0	3	5.00	1/1450	5.00	4.64	4.09	4.10	5.00
Lecture														
1. Were the instructor's lectures well prepared	1	0	0	0	0	1	2	4.67	559/1409	4.67	4.43	4.42	4.43	4.67
2. Did the instructor seem interested in the subject	0	0	0	0	0	0	4	5.00	1/1407	5.00	4.74	4.69	4.67	5.00
3. Was lecture material presented and explained clearly	Ő	0	0	0	0	1	3	4.75	267/1399	4.75	4.65	4.26	4.27	4.75
4. Did the lectures contribute to what you learned	1	0	0	0	0	0	3	5.00	1/1400	5.00	4.59	4.27	4.28	5.00
5. Did audiovisual techniques enhance your understanding	0	0	0	0	0	1	3	4.75	134/1179	4.75	4.59	3.96	4.02	4.75
Discussion	~	0	~	0	0	0	~	F 00	1 / 1 0 6 0	F 00	4 4 17	4 05	4 1 4	F 00
1. Did class discussions contribute to what you learned	2	0	0	0	0	0	2	5.00	1/1262		4.47	4.05	4.14	5.00
2. Were all students actively encouraged to participate	1	0 0	0 0	0 0	0 0	0 0	3	5.00 5.00	1/1259 1/1256	5.00 5.00	4.59 4.50	4.29	4.34	5.00
3. Did the instructor encourage fair and open discussion	1	0	0	0	0	0	3	5.00	1/1256	5.00	4.50	4.30 4.00	4.34	5.00
4. Were special techniques successful	T	0	0	0	0	0	3	5.00	1/ /88	5.00	4.55	4.00	4.07	5.00
Field Work														
1. Did field experience contribute to what you learned	2	0	0	0	0	0	2	5.00	1/ 59	5.00	5.00	4.30	4.48	5.00
2. Did you clearly understand your evaluation criteria	2	0	0	0	0	1	1	4.50	11/ 51	4.50	4.25	4.00	4.13	4.50
3. Was the instructor available for consultation	3	0	0	0	0	0	1	5.00	1/ 36	5.00	5.00	4.60	4.33	5.00
4. To what degree could you discuss your evaluations	2	0	0	0	0	0	2	5.00	1/ 41	5.00	5.00	4.26	3.90	5.00
5. Did conferences help you carry out field activities	2	0	0	0	0	0	2	5.00	1/ 31	5.00	5.00	4.42	4.00	5.00

Credits E	arned	Cum. GPA		Expected	Grades	Reasons		Туре		Majors	
00-27	1	0.00-0.99	0	A	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	C	0	General	2	Under-grad	4	Non-major	1
84-150	2	3.00-3.49	1	D	0						
Grad.	0	3.50-4.00	2	F	0	Electives	1	#### - Means	there	are not enough	
				P	0			responses to	be sig	nificant	
				I	0	Other	0	-			
				?	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	7	5.00	1/1481	5.00	4.76	4.29	4.29	5.00
2. Did the instructor make clear the expected goals	0	0	0	0	0	0	7	5.00	1/1481	5.00	4.70	4.23	4.23	5.00
3. Did the exam questions reflect the expected goals	0	0	0	0	0	0	7	5.00	1/1249	5.00	4.70	4.27	4.28	5.00
4. Did other evaluations reflect the expected goals	0	0	0	0	0	0	7	5.00	1/1424	5.00	4.62	4.21	4.27	5.00
5. Did assigned readings contribute to what you learned	1	3	0	0	0	0	3	5.00	1/1396	5.00	4.42	3.98	4.00	5.00
6. Did written assignments contribute to what you learned	1	2	0	0	0	0	4	5.00	1/1342	5.00	4.29	4.07	4.12	5.00
7. Was the grading system clearly explained	1	0	0	0	0	2	4	4.67	276/1459	4.67	4.45	4.16	4.17	4.67
8. How many times was class cancelled	1	0	0	0	0	3	3	4.50	1044/1480	4.50	4.52	4.68	4.65	4.50
9. How would you grade the overall teaching effectiveness	2	0	0	0	0	0	5	5.00	1/1450	5.00	4.64	4.09	4.10	5.00
Lecture														
1. Were the instructor's lectures well prepared	Л	0	0	0	0	1	2	4.67	559/1409	4.67	4.43	4.42	4.43	4.67
2. Did the instructor seem interested in the subject	4	0	0	0	0	1	2	4.67	963/1409	4.67	4.74	4.69	4.67	4.67
3. Was lecture material presented and explained clearly	4	0	0	0	0	0	∠ 3	5.00	1/1399	5.00	4.65	4.26	4.27	5.00
4. Did the lectures contribute to what you learned	4	0	0	0	0	1	2	4.67	421/1400	4.67	4.59	4.20	4.28	4.67
5. Did audiovisual techniques enhance your understanding	4	1	0	0	0		2	5.00	1/1179		4.59	3.96	4.02	5.00
5. Did additivisual techniques enhance your understanding	4	Ţ	U	0	0	0	2	5.00	1/11/9	5.00	4.59	5.90	4.02	5.00
Discussion														
1. Did class discussions contribute to what you learned	3	0	0	0	1	0	3	4.50	345/1262	4.50	4.47	4.05	4.14	4.50
2. Were all students actively encouraged to participate	4	0	0	0	0	0	3	5.00	1/1259	5.00	4.59	4.29	4.34	5.00
3. Did the instructor encourage fair and open discussion	4	0	0	0	0	0	3	5.00	1/1256	5.00	4.50	4.30	4.34	5.00
4. Were special techniques successful	4	0	0	0	0	0	3	5.00	1/ 788	5.00	4.55	4.00	4.07	5.00

Credits Ea	Cum. GPA	L L	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	1	1.00-1.99	0	В	0						
56-83	0	2.00-2.99	0	С	0	General	0	Under-grad	7	Non-major	2
84-150	1	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	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	0	0	0	1	5.00	1/1481	5.00	4.76	4.29	4.29	5.00
2. Did the instructor make clear the expected goals	0	0	0	0	0	1	0	4.00	1000/1481	4.00	4.70	4.23	4.23	4.00
3. Did the exam questions reflect the expected goals	0	0	0	0	0	1	0	4.00	893/1249	4.00	4.70	4.27	4.28	4.00
4. Did other evaluations reflect the expected goals	0	0	0	0	0	1	0	4.00	959/1424	4.00	4.62	4.21	4.27	4.00
5. Did assigned readings contribute to what you learned	0	0	0	0	1	0	0	3.00	1292/1396	3.00	4.42	3.98	4.00	3.00
6. Did written assignments contribute to what you learned	0	0	0	0	0	1	0	4.00	755/1342	4.00	4.29	4.07	4.12	4.00
7. Was the grading system clearly explained	0	0	0	0	0	1	0	4.00	961/1459	4.00	4.45	4.16	4.17	4.00
8. How many times was class cancelled	0	0	0	0	0	0	1	5.00	1/1480	5.00	4.52	4.68	4.65	5.00
Lecture														
1. Were the instructor's lectures well prepared	0	0	0	0	0	1	0	4.00	1152/1409	4.00	4.43	4.42	4.43	4.00
2. Did the instructor seem interested in the subject	0	0	0	0	0	1	0	4.00	1296/1407	4.00	4.74	4.69	4.67	4.00
3. Was lecture material presented and explained clearly	0	0	0	0	0	1	0	4.00	1002/1399	4.00	4.65	4.26	4.27	4.00
4. Did the lectures contribute to what you learned	0	0	0	0	0	1	0	4.00	1017/1400	4.00	4.59	4.27	4.28	4.00
5. Did audiovisual techniques enhance your understanding	0	0	0	0	0	1	0	4.00	590/1179	4.00	4.59	3.96	4.02	4.00
Discussion														
1. Did class discussions contribute to what you learned	0	0	0	0	0	1	0	4.00	708/1262	4.00	4.47	4.05	4.14	4.00
2. Were all students actively encouraged to participate	0	0	0	0	0	1	0	4.00	895/1259	4.00	4.59	4.29	4.34	4.00
3. Did the instructor encourage fair and open discussion	0	0	0	0	0	1	0	4.00	901/1256	4.00	4.50	4.30	4.34	4.00
4. Were special techniques successful	0	0	0	0	0	1	0	4.00	394/ 788	4.00	4.55	4.00	4.07	4.00

Credits E	larned	Cum. GPA		Expected	l Grades	Reasons		Туре		Majors	
00-27	0	0.00-0.99	0	A	0	Required for Majors	0	Graduate	0	Major	0
28-55	0	1.00-1.99	0	В	0						
56-83	0	2.00-2.99	0	С	0	General	0	Under-grad	1	Non-major	1
84-150	0	3.00-3.49	0	D	0						
Grad.	0	3.50-4.00	0	F	0	Electives	0	#### - Means	there	are not enough	
				P	0			responses to	be sig	gnificant	
				I	0	Other	0				
				?	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	2	5.00	1/1481	5.00	4.76	4.29	4.29	5.00
2. Did the instructor make clear the expected goals	0	0	0	0	0	0	2	5.00	1/1481	5.00	4.70	4.23	4.23	5.00
3. Did the exam questions reflect the expected goals	0	1	0	0	0	0	1	5.00	1/1249	5.00	4.70	4.27	4.28	5.00
4. Did other evaluations reflect the expected goals	0	1	0	0	0	0	1	5.00	1/1424	5.00	4.62	4.21	4.27	5.00
5. Did assigned readings contribute to what you learned	0	0	0	0	0	0	2	5.00	1/1396	5.00	4.42	3.98	4.00	5.00
6. Did written assignments contribute to what you learned	0	1	0	0	0	0	1	5.00	1/1342	5.00	4.29	4.07	4.12	5.00
7. Was the grading system clearly explained	0	1	0	0	0	0	1	5.00	1/1459	5.00	4.45	4.16	4.17	5.00
8. How many times was class cancelled	0	0	0	0	0	1	1	4.50	1044/1480	4.50	4.52	4.68	4.65	4.50
9. How would you grade the overall teaching effectiveness	1	0	0	0	0	0	1	5.00	1/1450	5.00	4.64	4.09	4.10	5.00
Lecture														
1. Were the instructor's lectures well prepared	1	0	0	0	0	0	1	5.00	1/1409	5.00	4.43	4.42	4.43	5.00
2. Did the instructor seem interested in the subject	1	0	0	0	0	0	1	5.00	1/1407	5.00	4.74	4.69	4.67	5.00
3. Was lecture material presented and explained clearly	1	0	0	0	0	0	1	5.00	1/1399	5.00	4.65	4.26	4.27	5.00
4. Did the lectures contribute to what you learned	1	0	0	0	0	0	1	5.00	1/1400	5.00	4.59	4.27	4.28	5.00
5. Did audiovisual techniques enhance your understanding	1	0	0	0	0	0	1	5.00	1/1179	5.00	4.59	3.96	4.02	5.00
Self Paced														
1. Did self-paced system contribute to what you learned	1	0	0	0	0	0	1	5.00	1/ 55	5.00	4.89	4.55	4.88	5.00
3. Were your contacts with the instructor helpful	1	0	0	0	0	0	1	5.00	1/ 51	5.00	4.92	4.65	4.88	5.00

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

Student Course Evaluation Questionnaire

			Fre	equer	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	2	5.00	1/1481	5.00	4.76	4.29	4.29	5.00
2. Did the instructor make clear the expected goals	0	0	0	0	0	0	2	5.00	1/1481	5.00	4.70	4.23	4.23	5.00
3. Did the exam questions reflect the expected goals	0	1	0	0	0	0	1	5.00	1/1249	5.00	4.70	4.27	4.28	5.00
4. Did other evaluations reflect the expected goals	0	1	0	0	0	0	1	5.00	1/1424	5.00	4.62	4.21	4.27	5.00
5. Did assigned readings contribute to what you learned	0	0	0	0	0	0	2	5.00	1/1396	5.00	4.42	3.98	4.00	5.00
6. Did written assignments contribute to what you learned	0	1	0	0	0	0	1	5.00	1/1342	5.00	4.29	4.07	4.12	5.00
7. Was the grading system clearly explained	0	1	0	0	0	0	1	5.00	1/1459	5.00	4.45	4.16	4.17	5.00
8. How many times was class cancelled	0	0	0	0	0	1	1	4.50	1044/1480	4.50	4.52	4.68	4.65	4.50
Self Paced														
1. Did self-paced system contribute to what you learned	1	0	0	0	0	0	1	5.00	1/ 55	5.00	4.89	4.55	4.88	5.00
3. Were your contacts with the instructor helpful	1	0	0	0	0	0	1	5.00	1/ 51	5.00	4.92	4.65	4.88	5.00

Credits Earned		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	1	1.00-1.99	0	В	0						
56-83	0	2.00-2.99	0	C	0	General	0	Under-grad	2	Non-major	0
84-150	0	3.00-3.49	1	D	0						
Grad.	0	3.50-4.00	1	F	0	Electives	0	#### - Means	there	are not enough	
				P	0			responses to	be sig	nificant	
				I	0	Other	2				
				?	0						

Student Course Evaluation Questionnaire

		Frequencies						Inst	ructor	Course	Dept	UMBC	Level	Sect
Questions	NR	NA	1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
General														
1. Did you gain new insights, skills from this course	1	0	0	0	0	0	1	5.00	1/1481	5.00	4.76	4.29	4.29	5.00
2. Did the instructor make clear the expected goals	1	0	0	0	0	0	1	5.00	1/1481	5.00	4.70	4.23	4.23	5.00
4. Did other evaluations reflect the expected goals	1	0	0	0	0	0	1	5.00	1/1424	5.00	4.62	4.21	4.27	5.00
5. Did assigned readings contribute to what you learned	1	0	0	0	0	0	1	5.00	1/1396	5.00	4.42	3.98	4.00	5.00
8. How many times was class cancelled	1	0	0	0	0	1	0	4.00	1349/1480	4.00	4.52	4.68	4.65	4.00
9. How would you grade the overall teaching effectiveness	1	0	0	0	0	0	1	5.00	1/1450	5.00	4.64	4.09	4.10	5.00
Lecture														
1. Were the instructor's lectures well prepared			0	0	0	0	1	5.00	1/1409	5.00	4.43	4.42	4.43	5.00
2. Did the instructor seem interested in the subject	1	0	0	0	0	0	1	5.00	1/1407	5.00	4.74	4.69	4.67	5.00
3. Was lecture material presented and explained clearly	1	0	0	0	0	0	1	5.00	1/1399	5.00	4.65	4.26	4.27	5.00
4. Did the lectures contribute to what you learned	1	0	0	0	0	0	1	5.00	1/1400	5.00	4.59	4.27	4.28	5.00
5. Did audiovisual techniques enhance your understanding	1	0	0	0	0	0	1	5.00	1/1179	5.00	4.59	3.96	4.02	5.00
Discussion														
1. Did class discussions contribute to what you learned	1	0	0	0	0	0	1	5.00	1/1262	5.00	4.47	4.05	4.14	5.00
2. Were all students actively encouraged to participate		0	0	0	0	0	1	5.00	1/1259	5.00	4.59	4.29	4.34	5.00
3. Did the instructor encourage fair and open discussion	1	0	0	0	0	0	1	5.00	1/1256	5.00	4.50	4.30	4.34	5.00

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

		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	1	5.00	1/1481	5.00	4.76	4.29	4.29	5.00
2. Did the instructor make clear the expected goals	0	0	0	0	0	0	1	5.00	1/1481	5.00	4.70	4.23	4.23	5.00
3. Did the exam questions reflect the expected goals	0	0	0	0	0	0	1	5.00	1/1249	5.00	4.70	4.27	4.28	5.00
4. Did other evaluations reflect the expected goals	0	0	0	0	0	0	1	5.00	1/1424	5.00	4.62	4.21	4.27	5.00
7. Was the grading system clearly explained	0	0	0	0	1	0	0	3.00	1380/1459	3.00	4.45	4.16	4.17	3.00
8. How many times was class cancelled	0	0	0	0	0	1	0	4.00	1349/1480	4.00	4.52	4.68	4.65	4.00
Lecture														
1. Were the instructor's lectures well prepared	0	0	0	0	0	1	0	4.00	1152/1409	4.00	4.43	4.42	4.43	4.00
2. Did the instructor seem interested in the subject	0	0	0	0	0	0	1	5.00	1/1407	5.00	4.74	4.69	4.67	5.00
3. Was lecture material presented and explained clearly	0	0	0	0	0	0	1	5.00	1/1399	5.00	4.65	4.26	4.27	5.00
4. Did the lectures contribute to what you learned	0	0	0	0	0	0	1	5.00	1/1400	5.00	4.59	4.27	4.28	5.00
Discussion														
1. Did class discussions contribute to what you learned	0	0	0	0	0	0	1	5.00	1/1262	5.00	4.47	4.05	4.14	5.00
2. Were all students actively encouraged to participate	0	0	0	0	0	0	1	5.00	1/1259	5.00	4.59	4.29	4.34	5.00
3. Did the instructor encourage fair and open discussion	0	0	0	0	0	0	1		1/1256		4.50	4.30	4.34	
Self Paced														
1. Did self-paced system contribute to what you learned	0	0	0	0	0	0	1	5.00	1/ 55	5.00	4.89	4.55	4.88	5.00
3. Were your contacts with the instructor helpful	0	0	0	0	0	0	1	5.00	1/ 51	5.00	4.92	4.65	4.88	5.00

Credits E	larned	Cum. GPA		Expected	l Grades	Reasons		Туре		Majors	
00-27	0	0.00-0.99	0	A	1	Required for Majors	0	Graduate	0	Major	0
28-55	0	1.00-1.99	0	В	0						
56-83	0	2.00-2.99	0	С	0	General	0	Under-grad	1	Non-major	0
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	1
				P	0			responses to	be sig	gnificant	
				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	1/1481	5.00	4.76	4.29	4.29	5.00
2. Did the instructor make clear the expected goals	0	0	0	0	0	0	2	5.00	1/1481	5.00	4.70	4.23	4.23	5.00
3. Did the exam questions reflect the expected goals	0	1	0	0	0	0	1	5.00	1/1249	5.00	4.70	4.27	4.28	5.00
4. Did other evaluations reflect the expected goals	0	0	0	0	0	0	2	5.00	1/1424	5.00	4.62	4.21	4.27	5.00
5. Did assigned readings contribute to what you learned	Ő	1	0	0	0	0	1	5.00	1/1396	5.00	4.42	3.98	4.00	5.00
7. Was the grading system clearly explained	0	0	0	0	0	1	1	4.50	460/1459	4.50	4.45	4.16	4.17	4.50
8. How many times was class cancelled	0	0	0	0	0	1	1		1044/1480	4.50	4.52	4.68	4.65	4.50
9. How would you grade the overall teaching effectiveness	1	0	0	0	0	0	1	5.00	1/1450	5.00	4.64	4.09	4.10	5.00
Lecture														
1. Were the instructor's lectures well prepared	0	0	0	0	0	0	2	5.00	1/1409	5.00	4.43	4.42	4.43	5.00
2. Did the instructor seem interested in the subject	0	0	0	0	0	0	2	5.00	1/1407	5.00	4.74	4.69	4.67	5.00
3. Was lecture material presented and explained clearly	0	0	0	0	0	0	2	5.00	1/1399	5.00	4.65	4.26	4.27	5.00
4. Did the lectures contribute to what you learned	0	0	0	0	0	0	2	5.00	1/1400	5.00	4.59	4.27	4.28	5.00
5. Did audiovisual techniques enhance your understanding	0	0	0	0	0	0	2	5.00	1/1179	5.00	4.59	3.96	4.02	5.00
Discussion														
1. Did class discussions contribute to what you learned	0	0	0	0	0	0	2	5.00	1/1262	5.00	4.47	4.05	4.14	5.00
2. Were all students actively encouraged to participate	0	0	0	0	0	0	2	5.00	1/1259	5.00	4.59	4.29	4.34	5.00
3. Did the instructor encourage fair and open discussion	0	0	0	0	0	0	2	5.00	1/1256	5.00	4.50	4.30	4.34	5.00
4. Were special techniques successful	0	1	0	0	0	0	1	5.00	1/ 788	5.00	4.55	4.00	4.07	5.00
Self Paced														
1. Did self-paced system contribute to what you learned	1	0	0	0	0	0	1	5.00	1/ 55	5.00	4.89	4.55	4.88	5.00
3. Were your contacts with the instructor helpful	1	0	0	0	0	0	1	5.00	1/ 51	5.00	4.92	4.65	4.88	5.00

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

Questionnaires: 2

Student Course Evaluation Questionnaire

			Fre	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	0	0	0	2	5.00	1/1481	5.00	4.76	4.29	4.29	5.00
2. Did the instructor make clear the expected goals	0	0	0	0	0	0	2	5.00	1/1481	5.00	4.70	4.23	4.23	5.00
3. Did the exam questions reflect the expected goals	0	1	0	0	0	0	1	5.00	1/1249	5.00	4.70	4.27	4.28	5.00
4. Did other evaluations reflect the expected goals	0	0	0	0	0	0	2	5.00	1/1424	5.00	4.62	4.21	4.27	5.00
5. Did assigned readings contribute to what you learned	0	1	0	0	0	0	1	5.00	1/1396	5.00	4.42	3.98	4.00	5.00
7. Was the grading system clearly explained	0	0	0	0	0	1	1	4.50	460/1459	4.50	4.45	4.16	4.17	4.50
8. How many times was class cancelled	0	0	0	0	0	1	1	4.50	1044/1480	4.50	4.52	4.68	4.65	4.50
Discussion														
1. Did class discussions contribute to what you learned	0	0	0	0	0	0	2	5.00	1/1262	5.00	4.47	4.05	4.14	5.00
2. Were all students actively encouraged to participate	0	0	0	0	0	0	2	5.00	1/1259	5.00	4.59	4.29	4.34	5.00
3. Did the instructor encourage fair and open discussion	0	0	0	0	0	0	2	5.00	1/1256	5.00	4.50	4.30	4.34	5.00
4. Were special techniques successful	0	1	0	0	0	0	1	5.00	1/ 788	5.00	4.55	4.00	4.07	5.00
Self Paced														
1. Did self-paced system contribute to what you learned	1	0	0	0	0	0	1	5.00	1/ 55	5.00	4.89	4.55	4.88	5.00
3. Were your contacts with the instructor helpful	1	0	0	0	0	0	1	5.00	1/ 51	5.00	4.92	4.65	4.88	5.00

Credits E	larned	Cum. GPA		Expected	Grades	Reasons		Туре		Majors	
00-27	1	0.00-0.99	0	 А	2	Required for Majors	0	Graduate	0	Major	0
28-55	0	1.00-1.99	0	В	0						
56-83	0	2.00-2.99	0	С	0	General	0	Under-grad	2	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	L
				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	1	5.00	1/1481	5.00	4.76	4.29	4.45	5.00
2. Did the instructor make clear the expected goals	0	0	0	0	0	1	0	4.00	1000/1481	4.50	4.70	4.23	4.32	4.00
3. Did the exam questions reflect the expected goals	0	0	0	0	0	1	0	4.00	893/1249	4.50	4.70	4.27	4.44	4.00
4. Did other evaluations reflect the expected goals	0	0	0	0	0	1	0	4.00	959/1424	4.50	4.62	4.21	4.35	4.00
6. Did written assignments contribute to what you learned	0	0	0	0	1	0	0	3.00	1269/1342	4.00	4.29	4.07	4.21	3.00
7. Was the grading system clearly explained	0	0	0	0	0	0	1	5.00	1/1459	5.00	4.45	4.16	4.25	5.00
8. How many times was class cancelled	0	0	0	0	0	0	1	5.00	1/1480	5.00	4.52	4.68	4.74	5.00
Discussion														
1. Did class discussions contribute to what you learned	0	0	0	0	0	0	1	5.00	1/1262	5.00	4.47	4.05	4.33	5.00
2. Were all students actively encouraged to participate	0	0	0	0	0	0	1	5.00	1/1259	5.00	4.59	4.29	4.57	5.00
3. Did the instructor encourage fair and open discussion	0	0	0	0	0	0	1	5.00	1/1256	5.00	4.50	4.30	4.60	5.00

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	0	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	0	F	0	Electives	0	#### - 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	1	5.00	1/1481	5.00	4.76	4.29	4.45	5.00
2. Did the instructor make clear the expected goals	0	0	0	0	0	1	0	4.00	1000/1481	4.50	4.70	4.23	4.32	4.00
3. Did the exam questions reflect the expected goals	0	0	0	0	0	1	0	4.00	893/1249	4.50	4.70	4.27	4.44	4.00
4. Did other evaluations reflect the expected goals	0	0	0	0	0	1	0	4.00	959/1424	4.50	4.62	4.21	4.35	4.00
6. Did written assignments contribute to what you learned	0	0	0	0	1	0	0	3.00	1269/1342	4.00	4.29	4.07	4.21	3.00
7. Was the grading system clearly explained	0	0	0	0	0	0	1	5.00	1/1459	5.00	4.45	4.16	4.25	5.00
8. How many times was class cancelled	0	0	0	0	0	0	1	5.00	1/1480	5.00	4.52	4.68	4.74	5.00
9. How would you grade the overall teaching effectiveness	0	0	0	0	0	0	1	5.00	1/1450	5.00	4.64	4.09	4.28	5.00
Lecture														
1. Were the instructor's lectures well prepared	0	0	0	0	0	1	0	4.00	1152/1409	4.00	4.43	4.42	4.51	4.00
2. Did the instructor seem interested in the subject	0	0	0	0	0	0	1	5.00	1/1407	5.00	4.74	4.69	4.79	5.00
3. Was lecture material presented and explained clearly	0	0	0	0	0	1	0	4.00	1002/1399	4.00	4.65	4.26	4.36	4.00
4. Did the lectures contribute to what you learned	0	0	0	0	0	0	1	5.00	1/1400	5.00	4.59	4.27	4.38	5.00
5. Did audiovisual techniques enhance your understanding	0	0	0	0	0	0	1	5.00	1/1179	5.00	4.59	3.96	4.07	5.00
Discussion														
1. Did class discussions contribute to what you learned	0	0	0	0	0	0	1	5.00	1/1262	5.00	4.47	4.05	4.33	5.00
2. Were all students actively encouraged to participate	0	0	0	0	0	0	1	5.00	1/1259	5.00	4.59	4.29	4.57	5.00
3. Did the instructor encourage fair and open discussion	0	0	Ő	0	õ	õ	1	5.00	1/1256	5.00	4.50	4.30	4.60	5.00
	-	-	-				_		,					

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

Student Course Evaluation Questionnaire

			Fre	equer	ncies	5		Instr	uctor	Course	Dept	UMBC	Level	Sect
Questions	NR	NA	1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
General														
1. Did you gain new insights, skills from this course	0	0	0	0	0	0	2	5.00	1/1481	5.00	4.76	4.29	4.45	5.00
2. Did the instructor make clear the expected goals	0	0	0	0	0	0	2	5.00	1/1481	4.50	4.70	4.23	4.32	5.00
3. Did the exam questions reflect the expected goals	0	1	0	0	0	0	1	5.00	1/1249	4.50	4.70	4.27	4.44	5.00
4. Did other evaluations reflect the expected goals	0	0	0	0	0	0	2	5.00	1/1424	4.50	4.62	4.21	4.35	5.00
5. Did assigned readings contribute to what you learned	0	1	0	0	0	0	1	5.00	1/1396	5.00	4.42	3.98	4.09	5.00
6. Did written assignments contribute to what you learned	0	1	0	0	0	0	1	5.00	1/1342	4.00	4.29	4.07	4.21	5.00
7. Was the grading system clearly explained	0	1	0	0	0	0	1	5.00	1/1459	5.00	4.45	4.16	4.25	5.00
8. How many times was class cancelled	0	0	0	0	0	0	2	5.00	1/1480	5.00	4.52	4.68	4.74	5.00
9. How would you grade the overall teaching effectiveness	1	0	0	0	0	0	1	5.00	1/1450	5.00	4.64	4.09	4.28	5.00
Self Paced														
1. Did self-paced system contribute to what you learned	1	0	0	0	0	0	1	5.00	1/ 55	5.00	4.89	4.55	4.86	5.00
2. Did study questions make clear the expected goal	1	0	0	0	0	0	1	5.00	1/ 31	5.00	5.00	4.75	5.00	5.00
3. Were your contacts with the instructor helpful	1	0	0	0	0	0	1	5.00	1/ 51	5.00	4.92	4.65	4.71	5.00
4. Was the feedback/tutoring by proctors helpful	1	0	0	0	0	0	1	5.00	1/ 34	5.00	4.96	4.83	5.00	5.00
5. Were there enough proctors for all the students	1	0	0	0	0	0	1	5.00	1/ 24	5.00	5.00	4.82	5.00	5.00

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

Student Course Evaluation Questionnaire

			Fre	equer	ncies	3		Instru	uctor	Course	Dept	UMBC	Level	Sect
Questions	NR	NA	1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
General														
1. Did you gain new insights, skills from this course	0	0	0	0	0	0	2	5.00	1/1481	5.00	4.76	4.29	4.45	5.00
2. Did the instructor make clear the expected goals	0	0	0	0	0	0	2	5.00	1/1481	4.50	4.70	4.23	4.32	5.00
3. Did the exam questions reflect the expected goals	0	1	0	0	0	0	1	5.00	1/1249	4.50	4.70	4.27	4.44	5.00
4. Did other evaluations reflect the expected goals	0	0	0	0	0	0	2	5.00	1/1424	4.50	4.62	4.21	4.35	5.00
5. Did assigned readings contribute to what you learned	0	1	0	0	0	0	1	5.00	1/1396	5.00	4.42	3.98	4.09	5.00
6. Did written assignments contribute to what you learned	0	1	0	0	0	0	1	5.00	1/1342	4.00	4.29	4.07	4.21	5.00
7. Was the grading system clearly explained	0	1	0	0	0	0	1	5.00	1/1459	5.00	4.45	4.16	4.25	5.00
8. How many times was class cancelled	0	0	0	0	0	0	2	5.00	1/1480	5.00	4.52	4.68	4.74	5.00
Self Paced														
1. Did self-paced system contribute to what you learned	1	0	0	0	0	0	1	5.00	1/ 55	5.00	4.89	4.55	4.86	5.00
2. Did study questions make clear the expected goal	1	0	0	0	0	0	1	5.00	1/ 31	5.00	5.00	4.75	5.00	5.00
3. Were your contacts with the instructor helpful	1	0	0	0	0	0	1	5.00	1/ 51	5.00	4.92	4.65	4.71	5.00
4. Was the feedback/tutoring by proctors helpful	1	0	0	0	0	0	1	5.00	1/ 34	5.00	4.96	4.83	5.00	5.00
5. Were there enough proctors for all the students	1	0	0	0	0	0	1	5.00	1/ 24	5.00	5.00	4.82	5.00	5.00

Credits E	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	0	2.00-2.99	0	С	0	General	1	Under-grad	2	Non-major	0
84-150	0	3.00-3.49	1	D	0						
Grad.	0	3.50-4.00	0	F	0	Electives	1	#### - Means	there	are not enough	
				P	0			responses to	be sig	nificant	
				I	0	Other	0				
				?	0						

Student Course Evaluation Questionnaire

	Frequencies						Instr	uctor	Course	Dept	UMBC	Level	Sect	
Questions	NR	NA	1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
General														
1. Did you gain new insights, skills from this course	0	0	0	0	0	0	1	5.00	1/1481	5.00	4.76	4.29	4.45	5.00
2. Did the instructor make clear the expected goals	0	0	0	0	0	0	1	5.00	1/1481	5.00	4.70	4.23	4.32	5.00
4. Did other evaluations reflect the expected goals	0	0	0	0	0	0	1	5.00	1/1424	5.00	4.62	4.21	4.35	5.00
7. Was the grading system clearly explained	0	0	0	0	0	0	1	5.00	1/1459	5.00	4.45	4.16	4.25	5.00
8. How many times was class cancelled	0	0	0	0	0	0	1	5.00	1/1480	5.00	4.52	4.68	4.74	5.00
9. How would you grade the overall teaching effectiveness	0	0	0	0	0	0	1	5.00	1/1450	5.00	4.64	4.09	4.28	5.00
Lecture														
1. Were the instructor's lectures well prepared	0	0	0	0	0	0	1	5.00	1/1409	5.00	4.43	4.42	4.51	5.00
2. Did the instructor seem interested in the subject	0	0	0	0	0	0	1	5.00	1/1407	5.00	4.74	4.69	4.79	5.00
3. Was lecture material presented and explained clearly	0	0	0	0	0	0	1	5.00	1/1399	5.00	4.65	4.26	4.36	5.00
4. Did the lectures contribute to what you learned	0	0	0	0	0	0	1	5.00	1/1400	5.00	4.59	4.27	4.38	5.00
5. Did audiovisual techniques enhance your understanding	0	0	0	0	0	0	1	5.00	1/1179	5.00	4.59	3.96	4.07	5.00
Discussion														
1. Did class discussions contribute to what you learned	0	0	0	0	0	0	1	5.00	1/1262	5.00	4.47	4.05	4.33	5.00
2. Were all students actively encouraged to participate	0	0	0	0	0	0	1	5.00	1/1259	5.00	4.59	4.29	4.57	5.00
3. Did the instructor encourage fair and open discussion	0	0	0	0	0	0	1	5.00	1/1256	5.00	4.50	4.30	4.60	5.00
Self Paced														
1. Did self-paced system contribute to what you learned	0	0	0	0	0	0	1	5.00	1/ 55	5.00	4.89	4.55	4.86	5.00
3. Were your contacts with the instructor helpful	0	0	0	0	0	0	1	5.00	1/ 51	5.00	4.92	4.65	4.71	5.00
4. Was the feedback/tutoring by proctors helpful	0	0	0	0	0	0	1	5.00	1/ 34	5.00	4.96	4.83	5.00	5.00
5. Were there enough proctors for all the students	0	0	0	0	0	0	1	5.00	1/ 24	5.00	5.00	4.82	5.00	5.00

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	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	0
84-150	0	3.00-3.49	0	D	0						
Grad.	0	3.50-4.00	0	F	0	Electives	0	#### - Means	there	are not enough	
				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	1	6	4.86	196/1481	4.86	4.76	4.29	4.45	4.86
2. Did the instructor make clear the expected goals	0	0	0	0	0	5	2	4.29	790/1481	4.29	4.70	4.23	4.32	4.29
3. Did the exam questions reflect the expected goals	0	2	0	0	0	2	3	4.60	405/1249	4.60	4.70	4.27	4.44	4.60
4. Did other evaluations reflect the expected goals	0	0	0	0	0	3	4	4.57	364/1424	4.57	4.62	4.21	4.35	4.57
5. Did assigned readings contribute to what you learned	0	1	1	0	0	2	3	4.00	707/1396	4.00	4.42	3.98	4.09	4.00
6. Did written assignments contribute to what you learned	0	0	0	0	1	1	5	4.57	257/1342	4.57	4.29	4.07	4.21	4.57
7. Was the grading system clearly explained	0	0	0	0	1	3	3	4.29	749/1459	4.29	4.45	4.16	4.25	4.29
8. How many times was class cancelled	0	0	0	0	0	5	2	4.29	1193/1480	4.29	4.52	4.68	4.74	4.29
9. How would you grade the overall teaching effectiveness	0	2	0	0	0	4	1	4.20	692/1450	4.20	4.64	4.09	4.28	4.20
Lecture														
1. Were the instructor's lectures well prepared	0	0	0	0	1	2	4	4.43	865/1409	4.43	4.43	4.42	4.51	4.43
2. Did the instructor seem interested in the subject	0	0	0	0	0	0	7	5.00	1/1407	5.00	4.74	4.69	4.79	5.00
3. Was lecture material presented and explained clearly	0	0	0	0	1	2	4	4.43	659/1399	4.43	4.65	4.26	4.36	4.43
4. Did the lectures contribute to what you learned	0	0	0	0	1	1	5	4.57	521/1400	4.57	4.59	4.27	4.38	4.57
5. Did audiovisual techniques enhance your understanding	0	0	0	0	0	0	7	5.00	1/1179	5.00	4.59	3.96	4.07	5.00
Discussion	0	0	~	~	~	~	-	4 4 2	410 (1000	4 4 2	4 4 1	4 05	4 22	4 4 2
1. Did class discussions contribute to what you learned	0	0	U	U	2	0	5	4.43	418/1262	4.43	4.47	4.05	4.33	4.43
2. Were all students actively encouraged to participate	0	0	0	0	0	1	6	4.86	257/1259	4.86	4.59	4.29	4.57	4.86
3. Did the instructor encourage fair and open discussion	0	0	0	0	U	1	6	4.86	256/1256	4.86	4.50	4.30	4.60	4.86
4. Were special techniques successful	0	T	U	U	U	5	T	4.17	335/ 788	4.17	4.55	4.00	4.26	4.17

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	1	Major	0
28-55	1	1.00-1.99	0	В	2						
56-83	0	2.00-2.99	1	C	1	General	1	Under-grad	6	Non-major	2
84-150	1	3.00-3.49	0	D	0						
Grad.	1	3.50-4.00	2	F	0	Electives	2	#### - 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	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	9	4.90	159/1481	4.90	4.76	4.29	4.45	4.90
2. Did the instructor make clear the expected goals	0	0	0	0	0	2	8	4.80	183/1481	4.80	4.70	4.23	4.32	4.80
3. Did the exam questions reflect the expected goals	0	0	0	0	1	0	9	4.80	203/1249	4.80	4.70	4.27	4.44	4.80
4. Did other evaluations reflect the expected goals	0	3	0	0	0	0	7	5.00	1/1424	5.00	4.62	4.21	4.35	5.00
5. Did assigned readings contribute to what you learned	0	1	0	0	0	3	6	4.67	193/1396	4.67	4.42	3.98	4.09	4.67
6. Did written assignments contribute to what you learned	0	1	0	1	0	3	5	4.33	474/1342	4.33	4.29	4.07	4.21	4.33
7. Was the grading system clearly explained	0	0	0	0	3	2	5	4.20	827/1459	4.20	4.45	4.16	4.25	4.20
8. How many times was class cancelled	1	0	0	0	1	3	5	4.44	1086/1480	4.44	4.52	4.68	4.74	4.44
9. How would you grade the overall teaching effectiveness	2	0	0	0	0	5	3	4.38	504/1450	4.38	4.64	4.09	4.28	4.38
Lecture														
1. Were the instructor's lectures well prepared	0	0	0	0	0	0	10	5.00	1/1409	5.00	4.43	4.42	4.51	5.00
2. Did the instructor seem interested in the subject	0	0	0	0	0	0	10	5.00	1/1407	5.00	4.74	4.69	4.79	5.00
3. Was lecture material presented and explained clearly	0	0	0	0	0	1	9	4.90	129/1399	4.90	4.65	4.26	4.36	4.90
4. Did the lectures contribute to what you learned	0	0	0	0	0	1	9	4.90	146/1400	4.90	4.59	4.27	4.38	4.90
5. Did audiovisual techniques enhance your understanding	0	1	0	0	0	0	9	5.00	1/1179	5.00	4.59	3.96	4.07	5.00
Discussion														
1. Did class discussions contribute to what you learned	4	0	Ο	0	0	2	4	4.67	264/1262	4.67	4.47	4.05	4.33	4.67
2. Were all students actively encouraged to participate	3	0	0	0	1	0	6	4.71	402/1259		4.59	4.29	4.57	4.71
3. Did the instructor encourage fair and open discussion	3	0	0	0	1	0	6	4.71	406/1256		4.50	4.30	4.60	4.71
4. Were special techniques successful	4	5	0	0	0	0	1		****/ 788		4.55	4.00	4.26	****

Credits Ea	arned	Cum. GPA		Expected	Grades	Reasons		Туре		Majors	
00-27	0	0.00-0.99	0	 A	4	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	9	Non-major	3
84-150	1	3.00-3.49	1	D	0						
Grad.	1	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	8	_			
				?	2						

Student Course Evaluation Questionnaire

		Frequencies							ructor	Course	Dept	UMBC	Level	Sect
Questions	NR	NA	1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
General														
1. Did you gain new insights,skills from this course	0	0	0	0	0	0	2	5.00	1/1481	5.00	4.76	4.29	4.45	5.00
2. Did the instructor make clear the expected goals	0	0	0	0	0	0	2	5.00	1/1481	5.00	4.70	4.23	4.32	5.00
7. Was the grading system clearly explained	1	0	0	0	0	0	1	5.00	1/1459	5.00	4.45	4.16	4.25	5.00
8. How many times was class cancelled	1	0	0	0	0	1	0	4.00	1349/1480	4.00	4.52	4.68	4.74	4.00
9. How would you grade the overall teaching effectiveness	0	0	0	0	0	0	2	5.00	1/1450	5.00	4.64	4.09	4.28	5.00
Lecture														
1. Were the instructor's lectures well prepared	1	0	0	0	0	0	1	5.00	1/1409	5.00	4.43	4.42	4.51	5.00
2. Did the instructor seem interested in the subject	1	0	0	0	0	0	1	5.00	1/1407	5.00	4.74	4.69	4.79	5.00
3. Was lecture material presented and explained clearly	1	0	0	0	0	0	1	5.00	1/1399	5.00	4.65	4.26	4.36	5.00
4. Did the lectures contribute to what you learned	1	0	0	0	0	0	1	5.00	1/1400	5.00	4.59	4.27	4.38	5.00
Discussion														
1. Did class discussions contribute to what you learned	1	0	0	0	0	0	1	5.00	1/1262	5.00	4.47	4.05	4.33	5.00
2. Were all students actively encouraged to participate	1	0	0	0	0	0	1	5.00	1/1259	5.00	4.59	4.29	4.57	5.00
3. Did the instructor encourage fair and open discussion	1	0	0	0	0	0	1	5.00	1/1256	5.00	4.50	4.30	4.60	5.00

Credits E	Earned	Cum. GPA	L L	Expected	l Grades	Reasons		Туре		Majors	
00-27	0	0.00-0.99	0	A	1	Required for Majors	0	Graduate	0	Major	0
28-55	0	1.00-1.99	0	В	0						
56-83	0	2.00-2.99	0	C	0	General	0	Under-grad	2	Non-major	0
84-150	0	3.00-3.49	0	D	0						
Grad.	0	3.50-4.00	0	F	0	Electives	0	#### - Means	there	are not enough	Ł
				P	0			responses to	be sig	gnificant	
				I	0	Other	1				
				?	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														
 Did you gain new insights, skills from this course 	0	0	0	0	0	0	2	5.00	1/1481	5.00	4.76	4.29	4.28	5.00
2. Did the instructor make clear the expected goals	0	0	0	0	0	1	1	4.50	517/1481	4.50	4.70	4.23	4.11	4.50
4. Did other evaluations reflect the expected goals	0	1	0	0	1	0	0	3.00	1361/1424	3.00	4.62	4.21	4.16	3.00
7. Was the grading system clearly explained	0	0	0	0	0	0	2	5.00	1/1459	5.00	4.45	4.16	4.01	5.00
8. How many times was class cancelled	0	0	0	0	0	0	2	5.00	1/1480	5.00	4.52	4.68	4.74	5.00
9. How would you grade the overall teaching effectiveness	0	0	0	0	0	0	2	5.00	1/1450	5.00	4.64	4.09	3.96	5.00

Credits Ea	arned	Cum. GPA		Expected	Grades	Reasons		Туре		Majors	
00-27	0	0.00-0.99	0	А А	0	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	0	F	0	Electives	0	#### - 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	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	2	5.00	1/1481	5.00	4.76	4.29	4.28	5.00
2. Did the instructor make clear the expected goals	0	0	0	0	0	1	1	4.50	517/1481	4.50	4.70	4.23	4.11	4.50
4. Did other evaluations reflect the expected goals	0	1	0	0	1	0	0	3.00	1361/1424	3.00	4.62	4.21	4.16	3.00
7. Was the grading system clearly explained	0	0	0	0	0	0	2	5.00	1/1459	5.00	4.45	4.16	4.01	5.00
8. How many times was class cancelled	0	0	0	0	0	0	2	5.00	1/1480	5.00	4.52	4.68	4.74	5.00

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