Student Course Evaluation Questionnaire

		TTCC	queno	STEP			TUSC	ructor	Course	Dept	UMBC	Level	Sect
Questions NR N	AN	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	3	4	4.57	525/1522	4.27	4.59	4.30	4.14	4.57
2. Did the instructor make clear the expected goals 0	0	0	1	0	3	3	4.14	986/1522	3.95	4.40	4.26	4.18	4.14
3. Did the exam questions reflect the expected goals 0	0	0	0	2	1	4	4.29	745/1285	3.81	4.40	4.30	4.22	4.29
4. Did other evaluations reflect the expected goals 0	0	0	1	2	1	3	3.86	1150/1476	3.59	4.33	4.22	4.09	3.86
5. Did assigned readings contribute to what you learned 0	1	1	2	1	0	2	3.00	1327/1412	2.95	4.04	4.06	4.01	3.00
6. Did written assignments contribute to what you learned $$ 0 $$	0	1	2	1	3	0	2.86	1323/1381	3.15	3.97	4.08	3.93	2.86
7. Was the grading system clearly explained 0	0	0	0	0	3	4	4.57	415/1500	4.41	4.14	4.18	4.16	4.57
8. How many times was class cancelled 0	0	0	0	0	5	2	4.29	1251/1517	4.61	4.73	4.65	4.62	4.29
9. How would you grade the overall teaching effectiveness $\ 0$	0	0	1	0	3	3	4.14	782/1497	3.90	4.25	4.11	4.02	4.14
Lecture													
1. Were the instructor's lectures well prepared 0	0	0	0	0	2	5	4.71	532/1440	4.43	4.37	4.45	4.40	4.71
2. Did the instructor seem interested in the subject 0	0	0	0	0	1	6	4.86	629/1448	4.84	4.81	4.71	4.63	4.86
3. Was lecture material presented and explained clearly 0	0	0	1	0	3	3	4.14	972/1436	3.95	4.28	4.29	4.24	4.14
4. Did the lectures contribute to what you learned 0	0	0	0	0	2	5	4.71	394/1432	4.37	4.49	4.29	4.23	4.71
5. Did audiovisual techniques enhance your understanding 0	2	0	0	2	1	2	4.00	606/1221	2.75	3.96	3.93	3.86	4.00
Discussion													
1. Did class discussions contribute to what you learned 2	0	1	1	0	1	2	3.40	1081/1280	2.80	4.18	4.10	3.92	3.40
	0	0	2	0	1	2	3.60	1113/1277	2.78	4.17	4.34	4.13	3.60
	0	0	1	1	1	2	3.80	1002/1269	2.52	4.11	4.31	4.04	3.80
Laboratory													
1. Did the lab increase understanding of the material 1	0	0	0	0	1	5	4.83	40/ 215	4.92	4.96	4.36	4.31	4.83
2. Were you provided with adequate background information 2	0	0	0	0	2	3	4.60	69/ 228	4.30	4.32	4.35	4.33	4.60
	0	0	0	0	0	5	5.00	1/ 217	5.00	5.00	4.51	4.51	5.00
	0	0	0	0	1	4	4.80	58/ 216	4.90	4.96	4.42	4.41	4.80
5. Were requirements for lab reports clearly specified 2	3	0	0	0	0	2	5.00	1/ 205	5.00	5.00	4.23	4.28	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	2	Graduate	0	Major	2
28-55	2	1.00-1.99	0	В	4						
56-83	2	2.00-2.99	0	C	1	General	0	Under-grad	7	Non-major	5
84-150	0	3.00-3.49	3	D	0						
Grad.	0	3.50-4.00	1	F	0	Electives	2	#### - Means	there	are not enough	L
				P	0			responses to	be sig	nificant	
				I	0	Other	3				
				?	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	0	0	0	5	5.00	1/1522	4.27	4.59	4.30	4.14	5.00
2. Did the instructor make clear the expected goals	0	0	0	0	0	2	3	4.60	432/1522	3.95	4.40	4.26	4.18	4.60
3. Did the exam questions reflect the expected goals	0	0	0	1	0	1	3	4.20	809/1285	3.81	4.40	4.30	4.22	4.20
4. Did other evaluations reflect the expected goals	0	0	0	0	0	3	2	4.40	629/1476	3.59	4.33	4.22	4.09	4.40
5. Did assigned readings contribute to what you learned	0	2	0	0	2	1	0	3.33	1257/1412	2.95	4.04	4.06	4.01	3.33
6. Did written assignments contribute to what you learned	0	0	1	0	0	2	2	3.80	1016/1381	3.15	3.97	4.08	3.93	3.80
7. Was the grading system clearly explained	0	0	0	0	1	0	4	4.60	387/1500	4.41	4.14	4.18	4.16	4.60
8. How many times was class cancelled	0	0	0	0	0	0	5	5.00	1/1517	4.61	4.73	4.65	4.62	5.00
9. How would you grade the overall teaching effectiveness	0	0	0	0	1	2	2	4.20	718/1497	3.90	4.25	4.11	4.02	4.20
Lecture														
1. Were the instructor's lectures well prepared	2	0	0	0	0	0	3	5.00	1/1440	4.43	4.37	4.45	4.40	5.00
2. Did the instructor seem interested in the subject	2	0	0	0	0	0	3	5.00	1/1448	4.84	4.81	4.71	4.63	5.00
3. Was lecture material presented and explained clearly	2	0	0	0	1	1	1	4.00	1056/1436	3.95	4.28	4.29	4.24	4.00
4. Did the lectures contribute to what you learned	2	0	0	0	0	1	2	4.67	454/1432	4.37	4.49	4.29	4.23	4.67
5. Did audiovisual techniques enhance your understanding	2	0	0	1	0	2	0	3.33	983/1221	2.75	3.96	3.93	3.86	3.33

Credits	Earned	Cum. GPA	L L	Expected	l Grades	Reasons		Туре		Majors	
00-27	1	0.00-0.99	0	 A	4	Required for Majors	2	Graduate	0	Major	2
28-55	0	1.00-1.99	0	В	0						
56-83	2	2.00-2.99	0	С	0	General	0	Under-grad	5	Non-major	3
84-150	0	3.00-3.49	0	D	0						
Grad.	0	3.50-4.00	4	F	0	Electives	0	#### - Means	there	are not enough	1
				Р	0			responses to	be sig	gnificant	
				I	0	Other	3				
				?	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	1	1	1	3.50	1402/1522	4.27	4.59	4.30	4.14	3.50
2. Did the instructor make clear the expected goals	0	0	1	0	1	1	1	3.25	1442/1522	3.95	4.40	4.26	4.18	3.25
3. Did the exam questions reflect the expected goals	0	0	0	1	1	0	2	3.75	1088/1285	3.81	4.40	4.30	4.22	3.75
4. Did other evaluations reflect the expected goals	0	0	1	1	1	1	0	2.50	1462/1476	3.59	4.33	4.22	4.09	2.50
5. Did assigned readings contribute to what you learned	0	0	0	2	0	1	1	3.25	1287/1412	2.95	4.04	4.06	4.01	3.25
6. Did written assignments contribute to what you learned	0	1	0	1	1	0	1	3.33	1227/1381	3.15	3.97	4.08	3.93	3.33
7. Was the grading system clearly explained	0	0	0	0	1	1	2	4.25	780/1500	4.41	4.14	4.18	4.16	4.25
8. How many times was class cancelled	0	0	0	0	0	1	3	4.75	802/1517	4.61	4.73	4.65	4.62	4.75
9. How would you grade the overall teaching effectiveness	0	0	1	0	0	2	1	3.50	1277/1497	3.90	4.25	4.11	4.02	3.50
Lecture														
1. Were the instructor's lectures well prepared	0	0	0	0	1	1	2	4.25	1047/1440	4.43	4.37	4.45	4.40	4.25
2. Did the instructor seem interested in the subject	0	0	0	0	0	2	2		1157/1448	4.84	4.81	4.71	4.63	4.50
3. Was lecture material presented and explained clearly	0	0	0	0	2	0	2	4.00	1056/1436	3.95	4.28	4.29	4.24	4.00
4. Did the lectures contribute to what you learned	0	0	0	1	1	0	2	3.75	1191/1432	4.37	4.49	4.29	4.23	3.75
5. Did audiovisual techniques enhance your understanding	0	3	1	0	0	0	0	1.00	1216/1221	2.75	3.96	3.93	3.86	1.00
Discussion														
1. Did class discussions contribute to what you learned	З	0	0	1	0	0	0	2 00	1273/1280	2.80	4.18	4.10	3.92	2.00
2. Were all students actively encouraged to participate	3	0	1	0	0	0	0		1276/1277	2.78	4.17	4.34	4.13	1.00
3. Did the instructor encourage fair and open discussion	3	Ő	1	0	0	0	0		1268/1269	2.52	4.11	4.31		1.00
Laboratory														
1. Did the lab increase understanding of the material	3	0	0	0	0	0	1	5.00	1/ 215	4.92	4.96	4.36	4.31	5.00
2. Were you provided with adequate background information	3	0	0	0	0	1	0	4.00	178/ 228	4.30	4.32	4.35	4.33	4.00
3. Were necessary materials available for lab activities	3	0	0	0	0	0	1	5.00	1/ 217	5.00	5.00	4.51	4.51	5.00
4. Did the lab instructor provide assistance	3	0	0	0	0	0	1	5.00	1/ 216	4.90	4.96	4.42	4.41	5.00

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

Student Course Evaluation Questionnaire

				-	ncies	3			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	2	1	2	4.00	1122/1522	4.27	4.59	4.30	4.14	4.00
2. Did the instructor make clear the expected goals	0	0	0	1	0	3	1	3.80	1244/1522	3.95	4.40	4.26	4.18	3.80
3. Did the exam questions reflect the expected goals	0	0	1	0	2	2	0	3.00	1248/1285	3.81	4.40	4.30	4.22	3.00
4. Did other evaluations reflect the expected goals	0	0	0	1	1	2	1	3.60	1281/1476	3.59	4.33	4.22	4.09	3.60
5. Did assigned readings contribute to what you learned	0	0	2	1	1	1	0	2.20	1398/1412	2.95	4.04	4.06	4.01	2.20
6. Did written assignments contribute to what you learned	0	0	1	2	0	2	0	2.60	1347/1381	3.15	3.97	4.08	3.93	2.60
7. Was the grading system clearly explained	0	0	0	0	1	2	2	4.20	839/1500	4.41	4.14	4.18	4.16	4.20
8. How many times was class cancelled	0	0	0	0	1	1	3	4.40	1161/1517	4.61	4.73	4.65	4.62	4.40
9. How would you grade the overall teaching effectiveness	1	0	0	0	1	3	0	3.75	1147/1497	3.90	4.25	4.11	4.02	3.75
Lecture														
1. Were the instructor's lectures well prepared	1	0	0	1	0	2	1	3.75	1304/1440	4.43	4.37	4.45	4.40	3.75
2. Did the instructor seem interested in the subject	2	0	0	0	0	0	3	5.00	1/1448	4.84	4.81	4.71	4.63	5.00
3. Was lecture material presented and explained clearly	2	0	0	0	1	2	0	3.67	1241/1436	3.95	4.28	4.29	4.24	3.67
4. Did the lectures contribute to what you learned	2	0	0	0	0	2	1	4.33	820/1432	4.37	4.49	4.29	4.23	4.33
5. Did audiovisual techniques enhance your understanding	2	0	0	1	2	0	0	2.67	1148/1221	2.75	3.96	3.93	3.86	2.67
Discussion														
1. Did class discussions contribute to what you learned	1	0	0	1	2	1	0	3.00	1187/1280	2.80	4.18	4.10	3.92	3.00
2. Were all students actively encouraged to participate	1	0	0	0	2	1	1	3.75	1066/1277	2.78	4.17	4.34	4.13	3.75
3. Did the instructor encourage fair and open discussion	1	0	1	0	2	1	0	2.75	1242/1269	2.52	4.11	4.31	4.04	2.75
4. Were special techniques successful	1	2	0	0	0	1	1	4.50	194/ 854	4.50	4.09	4.02	3.87	4.50
Laboratory														
1. Did the lab increase understanding of the material	4	0	0	0	1	0	0	3.00	****/ 215	4.92	4.96	4.36	4.31	* * * *
2. Were you provided with adequate background information	4	0	0	1	0	0	0	2.00	****/ 228	4.30	4.32	4.35	4.33	* * * *
3. Were necessary materials available for lab activities	4	0	0	0	1	0	0	3.00	****/ 217	5.00	5.00	4.51	4.51	* * * *
4. Did the lab instructor provide assistance	4	0	0	0	0	0	1	5.00	****/ 216	4.90	4.96	4.42	4.41	* * * *
5. Were requirements for lab reports clearly specified	4	0	0	0	1	0	0	3.00	****/ 205	5.00	5.00	4.23	4.28	* * * *

Credits Ea	arned	Cum. GPA	L	Expected	Grades	Reasons		Туре		Majors	
00-27	1	0.00-0.99	0	A	1	Required for Majors	1	Graduate	0	Major	2
28-55	1	1.00-1.99	0	В	0						
56-83	0	2.00-2.99	0	С	2	General	1	Under-grad	5	Non-major	3
84-150	1	3.00-3.49	1	D	1						
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	0	3	5.00	1/1522	4.91	4.59	4.30	4.14	5.00
2. Did the instructor make clear the expected goals	0	0	0	0	0	1	2	4.67	358/1522	4.78	4.40	4.26	4.18	4.67
3. Did the exam questions reflect the expected goals	0	0	0	0	0	0	3	5.00	1/1285	4.91	4.40	4.30	4.22	5.00
4. Did other evaluations reflect the expected goals	0	1	0	0	0	0	2	5.00	1/1476	4.68	4.33	4.22	4.09	5.00
5. Did assigned readings contribute to what you learned	0	0	0	0	1	1	1	4.00	760/1412	4.00	4.04	4.06	4.01	4.00
6. Did written assignments contribute to what you learned	0	0	0	0	0	2	1	4.33	519/1381	3.93	3.97	4.08	3.93	4.33
7. Was the grading system clearly explained	0	0	0	0	0	1	2	4.67	312/1500	4.41	4.14	4.18	4.16	4.67
8. How many times was class cancelled	0	0	0	0	0	0	3	5.00	1/1517	4.92	4.73	4.65	4.62	5.00
9. How would you grade the overall teaching effectiveness	1	0	0	0	0	2	0	4.00	898/1497	4.30	4.25	4.11	4.02	4.00
Lecture														
1. Were the instructor's lectures well prepared	0	0	0	0	1	2	0	3.67	1331/1440	3.83	4.37	4.45	4.40	3.67
2. Did the instructor seem interested in the subject	0	0	0	0	0	0	3	5.00	1/1448	4.96	4.81	4.71	4.63	5.00
3. Was lecture material presented and explained clearly	0	0	0	0	0	3	0	4.00	1056/1436	4.40	4.28	4.29	4.24	4.00
4. Did the lectures contribute to what you learned	0	0	0	0	0	1	2	4.67	454/1432	4.67	4.49	4.29	4.23	4.67
5. Did audiovisual techniques enhance your understanding	0	2	0	0	0	0	1	5.00	1/1221	4.58	3.96	3.93	3.86	5.00
Laboratory														
1. Did the lab increase understanding of the material	2	0	0	0	0	Ο	1	5.00	1/ 215	5.00	4.96	4.36	4.31	5.00
2. Were you provided with adequate background information	2	0	0	0	0	1	0	4.00	178/ 228	4.00	4.32	4.35	4.33	4.00
3. Were necessary materials available for lab activities	2	0	0	0	0	0	1	5.00	1/ 217	5.00	5.00	4.51	4.51	5.00
4. Did the lab instructor provide assistance	2	0	0	0	0	0	1	5.00	1/ 21/	5.00	4.96	4.42	4.41	5.00
a. Did the tab instructor provide assistance	2	0	0	0	0	0	Ŧ	5.00	1/ 210	5.00	1.90	1.12	1.11	5.00

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

Student Course Evaluation Questionnaire

			Fre	equer	ncies	3		Inst	ructor	Course	Dept	UMBC	Level	Sect
Questions	NR	NA	1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
General														
1. Did you gain new insights,skills from this course	0	0	0	0	0	1	5	4.83	225/1522	4.91	4.59	4.30	4.14	4.83
2. Did the instructor make clear the expected goals	0	0	0	0	0	2	4	4.67	358/1522	4.78	4.40	4.26	4.18	4.67
3. Did the exam questions reflect the expected goals	0	0	0	0	0	1	5	4.83	204/1285	4.91	4.40	4.30	4.22	4.83
4. Did other evaluations reflect the expected goals	0	0	0	0	0	3	3	4.50	473/1476	4.68	4.33	4.22	4.09	4.50
5. Did assigned readings contribute to what you learned	l 0	0	0	1	2	2	1	3.50	1165/1412	4.00	4.04	4.06	4.01	3.50
6. Did written assignments contribute to what you learn	ied 0	0	0	2	1	1	2	3.50	1152/1381	3.93	3.97	4.08	3.93	3.50
7. Was the grading system clearly explained	0	0	0	0	0	2	4	4.67	312/1500	4.41	4.14	4.18	4.16	4.67
8. How many times was class cancelled	0	0	0	0	0	2	4	4.67	932/1517	4.92	4.73	4.65	4.62	4.67
9. How would you grade the overall teaching effectivene	ess O	0	0	0	0	б	0	4.00	898/1497	4.30	4.25	4.11	4.02	4.00
Lecture														
1. Were the instructor's lectures well prepared	0	0	0	1	1	3	1	3.67	1331/1440	3.83	4.37	4.45	4.40	3.67
2. Did the instructor seem interested in the subject	0	0	0	0	0	1	5	4.83	683/1448	4.96	4.81	4.71	4.63	4.83
3. Was lecture material presented and explained clearly	, 0	0	0	0	1	2	3	4.33	793/1436	4.40	4.28	4.29	4.24	4.33
4. Did the lectures contribute to what you learned	0	0	0	0	0	3	3	4.50	632/1432	4.67	4.49	4.29	4.23	4.50
5. Did audiovisual techniques enhance your understandir	ıg O	0	0	1	0	1	4	4.33	408/1221	4.58	3.96	3.93	3.86	4.33
Laboratory														
1. Did the lab increase understanding of the material	5	0	0	0	0	0	1	5.00	****/ 215	5.00	4.96	4.36	4.31	* * * *
2. Were you provided with adequate background informati	on 5	0	0	0	0	0	1	5.00	****/ 228	4.00	4.32	4.35	4.33	* * * *
3. Were necessary materials available for lab activitie		0	0	0	0	0	1		****/ 217	5.00	5.00	4.51	4.51	* * * *
4. Did the lab instructor provide assistance	5	0	0	0	0	0	1	5.00	****/ 216	5.00	4.96	4.42	4.41	* * * *
5. Were requirements for lab reports clearly specified	-	0	~	~	~	~	-		****/ 205	* * * *	5.00	4.23	4.28	* * * *

Credits Ea	arned	Cum. GPA		Expected	l Grades	Reasons		Туре		Majors	
00-27	0	0.00-0.99	0	A	2	Required for Majors	0	Graduate	0	Major	1
28-55	1	1.00-1.99	1	В	2						
56-83	0	2.00-2.99	0	C	2	General	3	Under-grad	6	Non-major	5
84-150	2	3.00-3.49	0	D	0						
Grad.	0	3.50-4.00	2	F	0	Electives	1	#### - Means	there	are not enough	ı
				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	4	4.80	246/1522	4.91	4.59	4.30	4.14	4.80
2. Did the instructor make clear the expected goals	0	0	0	0	0	1	4	4.80	201/1522	4.78	4.40	4.26	4.18	4.80
3. Did the exam questions reflect the expected goals	0	0	0	0	0	1	4	4.80	228/1285	4.91	4.40	4.30	4.22	4.80
4. Did other evaluations reflect the expected goals	0	0	0	0	1	2	2	4.20	860/1476	4.68	4.33	4.22	4.09	4.20
5. Did assigned readings contribute to what you learned	0	1	0	0	0	2	2	4.50	339/1412	4.00	4.04	4.06	4.01	4.50
6. Did written assignments contribute to what you learned	0	0	0	0	0	3	2	4.40	434/1381	3.93	3.97	4.08	3.93	4.40
7. Was the grading system clearly explained	0	0	0	0	0	1	4	4.80	160/1500	4.41	4.14	4.18	4.16	4.80
8. How many times was class cancelled	0	0	0	0	0	0	5	5.00	1/1517	4.92	4.73	4.65	4.62	5.00
9. How would you grade the overall teaching effectiveness	0	0	0	0	0	4	1	4.20	718/1497	4.30	4.25	4.11	4.02	4.20
Lecture														
1. Were the instructor's lectures well prepared	1	0	0	1	1	1	1	3.50	1359/1440	3.83	4.37	4.45	4.40	3.50
2. Did the instructor seem interested in the subject	1	0	0	0	0	0	4	5.00	1/1448	4.96	4.81	4.71	4.63	5.00
3. Was lecture material presented and explained clearly	1	0	0	Ő	0	3	1	4.25	876/1436	4.40	4.28	4.29	4.24	4.25
4. Did the lectures contribute to what you learned	1	0	0	0	0	2	2	4.50	632/1432	4.67	4.49	4.29	4.23	4.50
5. Did audiovisual techniques enhance your understanding	1	2	0	0	0	1	1	4.50	279/1221		3.96	3.93	3.86	4.50
Discussion														
Discussion 1. Did class discussions contribute to what you learned	2	0	0	0	0	1	1	4.50	390/1280	3.75	4.18	4.10	3.92	4.50
-	3	0	0 0	0	0	7	1 0	4.50	930/1280	3.75	4.18	4.10	3.92 4.13	4.50
2. Were all students actively encouraged to participate 3. Did the instructor encourage fair and open discussion	3	0	0	0	0	2 2	0	4.00	875/1269	3.50 4.00	4.17	4.34	4.13 4.04	4.00
3. Did the instructor encourage fair and open discussion	3	0	0	0	0	2	0	4.00	0/5/1209	4.00	4.11	4.31	4.04	4.00
Laboratory														
1. Did the lab increase understanding of the material	4	0	0	0	0	0	1	5.00	****/ 215	5.00	4.96	4.36	4.31	* * * *
2. Were you provided with adequate background information	4	0	0	0	0	0	1	5.00	****/ 228	4.00	4.32	4.35	4.33	* * * *
3. Were necessary materials available for lab activities	4	0	0	0	0	0	1	5.00	****/ 217	5.00	5.00	4.51	4.51	* * * *
4. Did the lab instructor provide assistance	4	0	0	0	0	0	1	5.00	****/ 216	5.00	4.96	4.42	4.41	* * * *

Credits E	arned	Cum. GPA		Expected	d Grades	Reasons		Туре		Majors	
00-27	1	0.00-0.99	0	А	3	Required for Majors	0	Graduate	0	Major	3
28-55	0	1.00-1.99	0	В	0						
56-83	0	2.00-2.99	0	С	1	General	0	Under-grad	5	Non-major	2
84-150	0	3.00-3.49	0	D	0						
Grad.	0	3.50-4.00	2	F	0	Electives	0	#### - Means	there	are not enough	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	0	2	5.00	1/1522	4.91	4.59	4.30	4.14	5.00
2. Did the instructor make clear the expected goals	0	0	0	0	0	0	2	5.00	1/1522	4.78	4.40	4.26	4.18	5.00
3. Did the exam questions reflect the expected goals	0	0	0	0	0	0	2	5.00	1/1285	4.91	4.40	4.30	4.22	5.00
4. Did other evaluations reflect the expected goals	0	0	0	0	0	0	2	5.00	1/1476	4.68	4.33	4.22	4.09	5.00
5. Did assigned readings contribute to what you learned	0	0	0	0	1	0	1	4.00	760/1412	4.00	4.04	4.06	4.01	4.00
6. Did written assignments contribute to what you learned	0	0	0	0	1	1	0	3.50	1152/1381	3.93	3.97	4.08	3.93	3.50
7. Was the grading system clearly explained	0	0	0	1	0	0	1	3.50	1298/1500	4.41	4.14	4.18	4.16	3.50
8. How many times was class cancelled	0	0	0	0	0	0	2	5.00	1/1517	4.92	4.73	4.65	4.62	5.00
9. How would you grade the overall teaching effectiveness	1	0	0	0	0	0	1	5.00	1/1497	4.30	4.25	4.11	4.02	5.00
Lecture														
1. Were the instructor's lectures well prepared	0	0	0	0	0	1	1	4.50	798/1440	3.83	4.37	4.45	4.40	4.50
2. Did the instructor seem interested in the subject	0	Ő	0	0	0	0	2	5.00	1/1448		4.81	4.71	4.63	5.00
3. Was lecture material presented and explained clearly	0	Ő	0	0	0	0	2	5.00	1/1436		4.28	4.29	4.24	5.00
4. Did the lectures contribute to what you learned	0	0	0	0	0	0	2	5.00	1/1432		4.49	4.29	4.23	5.00
5. Did audiovisual techniques enhance your understanding	0	0	0	0	0	1	1	4.50	279/1221		3.96	3.93	3.86	4.50
Discussion	0	0	0	0	0	0	0	2 0 0	1100/1000	о п.г.	4 1 0	4 1 0	2 . 0 0	2 00
1. Did class discussions contribute to what you learned	0	0	0	0	2	0	0		1187/1280		4.18	4.10	3.92	3.00
2. Were all students actively encouraged to participate	0	0	0	0	2	0	0		1214/1277	3.50	4.17	4.34	4.13	3.00
3. Did the instructor encourage fair and open discussion	0	0	0	0	Ţ	U	T	4.00	875/1269	4.00	4.11	4.31	4.04	4.00
4. Were special techniques successful	0	T	U	T	U	U	0	2.00	847/ 854	2.00	4.09	4.02	3.87	2.00

Credits Ea	arned	Cum. GPA	L	Expected	d Grades	Reasons		Туре		Majors	
00-27	1	0.00-0.99	0	А	1	Required for Majors	0	Graduate	0	Major	0
28-55	0	1.00-1.99	0	В	1						
56-83	0	2.00-2.99	1	C	0	General	2	Under-grad	2	Non-major	2
84-150	1	3.00-3.49	1	D	0						
Grad.	0	3.50-4.00	0	F	0	Electives	0	#### - Means	there	are not enough	1
				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	1	0	2	4	б	4.08	1074/1522	4.35	4.59	4.30	4.14	4.08
2. Did the instructor make clear the expected goals	0	0	0	2	4	3	4	3.69	1293/1522	4.06	4.40	4.26	4.18	3.69
3. Did the exam questions reflect the expected goals	0	12	0	0	0	0	1	5.00	****/1285	* * * *	4.40	4.30	4.22	* * * *
4. Did other evaluations reflect the expected goals	0	0	0	3	1	4	5	3.85	1155/1476	4.35	4.33	4.22	4.09	3.85
5. Did assigned readings contribute to what you learned	1	0	1	3	3	2	3	3.25	1287/1412	3.41	4.04	4.06	4.01	3.25
6. Did written assignments contribute to what you learned	0	0	2	2	2	2	5	3.46	1170/1381	3.42	3.97	4.08	3.93	3.46
7. Was the grading system clearly explained	0	1	б	0	0	2	4	2.83	1452/1500	3.64	4.14	4.18	4.16	2.83
8. How many times was class cancelled	0	0	0	0	0	8	5	4.38	1177/1517	4.69	4.73	4.65	4.62	4.38
9. How would you grade the overall teaching effectiveness	3	0	0	1	3	5	1	3.60	1239/1497	4.02	4.25	4.11	4.02	3.60
Lecture														
1. Were the instructor's lectures well prepared	4	0	0	2	1	2	4	3.89	1259/1440	4.34	4.37	4.45	4.40	3.89
2. Did the instructor seem interested in the subject	4	0	0	0	0	2	7	4.78	821/1448	4.89	4.81	4.71	4.63	4.78
3. Was lecture material presented and explained clearly	4	0	0	0	3	1	5	4.22	906/1436	4.38	4.28	4.29	4.24	4.22
4. Did the lectures contribute to what you learned	4	0	0	1	2	0	б	4.22	907/1432	4.54	4.49	4.29	4.23	4.22
5. Did audiovisual techniques enhance your understanding	5	6	1	0	0	0	1	3.00	****/1221	* * * *	3.96	3.93	3.86	* * * *
Discussion														
1. Did class discussions contribute to what you learned	8	0	0	0	1	1	3	4.40	477/1280	4.56	4.18	4.10	3.92	4.40
2. Were all students actively encouraged to participate	8	0	0	1	1	0	3	4.00	930/1277	4.36	4.17	4.34	4.13	4.00
3. Did the instructor encourage fair and open discussion	8	0	0	2	2	0	1		1207/1269	4.00	4.11	4.31	4.04	3.00
4. Were special techniques successful	8	1	1	0	0	0	3	4.00	426/ 854	4.50	4.09	4.02	3.87	4.00

Credits Ea	arned	Cum. GPA		Expected	d Grades	Reasons		Туре		Majors	
00-27	1	0.00-0.99	0	 А	9	Required for Majors	3	Graduate	0	Major	0
28-55	4	1.00-1.99	0	В	1						
56-83	1	2.00-2.99	2	С	0	General	2	Under-grad	13	Non-major	13
84-150	0	3.00-3.49	2	D	0						
Grad.	0	3.50-4.00	3	F	0	Electives	2	#### - Means	there	are not enough	n
				P	0			responses to	be sig	gnificant	
				I	0	Other	3				
				?	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	2	0	0	0	1	4	11	4.63	472/1522	4.35	4.59	4.30	4.14	4.63
2. Did the instructor make clear the expected goals	2	0	0	0	2	5	9	4.44	654/1522	4.06	4.40	4.26	4.18	4.44
3. Did the exam questions reflect the expected goals	2	14	0	0	0	0	2	5.00	****/1285	* * * *	4.40	4.30	4.22	* * * *
4. Did other evaluations reflect the expected goals	2	2	0	0	0	2	12	4.86	151/1476	4.35	4.33	4.22	4.09	4.86
5. Did assigned readings contribute to what you learned	2	0	2	1	4	4	5	3.56	1133/1412	3.41	4.04	4.06	4.01	3.56
6. Did written assignments contribute to what you learned	2	0	3	1	3	5	4	3.38	1210/1381	3.42	3.97	4.08	3.93	3.38
7. Was the grading system clearly explained	2	0	0	0	2	5	9	4.44	585/1500	3.64	4.14	4.18	4.16	4.44
8. How many times was class cancelled	2	0	0	0	0	0	16	5.00	1/1517	4.69	4.73	4.65	4.62	5.00
9. How would you grade the overall teaching effectiveness	2	0	0	0	1	7	8	4.44	469/1497	4.02	4.25	4.11	4.02	4.44
Lecture														
1. Were the instructor's lectures well prepared	3	0	0	0	1	1	13	4.80	353/1440	4.34	4.37	4.45	4.40	4.80
2. Did the instructor seem interested in the subject	3	0	0	0	0	0	15	5.00	1/1448	4.89	4.81	4.71	4.63	5.00
3. Was lecture material presented and explained clearly	3	0	0	0	2	3	10	4.53	564/1436	4.38	4.28	4.29	4.24	4.53
4. Did the lectures contribute to what you learned	3	1	0	0	0	2	12	4.86	227/1432	4.54	4.49	4.29	4.23	4.86
5. Did audiovisual techniques enhance your understanding	5	10	0	0	0	0	3	5.00	****/1221	* * * *	3.96	3.93	3.86	* * * *
Discussion														
1. Did class discussions contribute to what you learned	11	0	0	0	0	2	5	4.71	253/1280	4.56	4.18	4.10	3.92	4.71
2. Were all students actively encouraged to participate	11	0	0	0	0	2	5	4.71	421/1277	4.36	4.17	4.34	4.13	4.71
3. Did the instructor encourage fair and open discussion	11	0	0	0	0	0	7	5.00	1/1269	4.00	4.11	4.31	4.04	5.00
4. Were special techniques successful	11	1	0	0	0	0	6	5.00	1/ 854		4.09	4.02	3.87	5.00

Credits Ea	arned	Cum. GPA	L L	Expecte	ed Grades	Reasons		Туре		Majors	
00-27	2	0.00-0.99	1	А А	12	Required for Majors	4	Graduate	0	Major	4
28-55	4	1.00-1.99	0	В	1						
56-83	2	2.00-2.99	2	C	3	General	6	Under-grad	18	Non-major	14
84-150	0	3.00-3.49	3	D	0						
Grad.	0	3.50-4.00	3	F	0	Electives	1	#### - Means	there	are not enough	n
				P	0			responses to	be sig	gnificant	
				I	0	Other	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	4	19	4.83	232/1522	4.83	4.59	4.30	4.34	4.83
2. Did the instructor make clear the expected goals	0	0	0	0	0	4	19	4.83	186/1522	4.83	4.40	4.26	4.29	4.83
3. Did the exam questions reflect the expected goals	0	6	0	0	1	2	14	4.76	268/1285	4.76	4.40	4.30	4.36	4.76
4. Did other evaluations reflect the expected goals	1	2	0	0	3	4	13	4.50	473/1476	4.50	4.33	4.22	4.20	4.50
5. Did assigned readings contribute to what you learned	0	0	0	0	0	0	23	5.00	1/1412	5.00	4.04	4.06	4.00	5.00
6. Did written assignments contribute to what you learned	0	1	0	0	4	6	12	4.36	482/1381	4.36	3.97	4.08	3.97	4.36
7. Was the grading system clearly explained	0	0	0	0	1	2	20	4.83	149/1500	4.83	4.14	4.18	4.20	4.83
8. How many times was class cancelled	0	0	0	0	0	3	20	4.87	577/1517	4.87	4.73	4.65	4.63	4.87
9. How would you grade the overall teaching effectiveness	2	0	0	0	1	9	11	4.48	421/1497	4.48	4.25	4.11	4.11	4.48
Lecture														
1. Were the instructor's lectures well prepared	3	0	0	0	0	1	19	4.95	115/1440	4.95	4.37	4.45	4.42	4.95
2. Did the instructor seem interested in the subject	3	0	0	0	0	0	20	5.00	1/1448	5.00	4.81	4.71	4.78	5.00
3. Was lecture material presented and explained clearly	3	0	0	0	0	2	18	4.90	123/1436	4.90	4.28	4.29	4.29	4.90
4. Did the lectures contribute to what you learned	3	0	0	0	0	0	20	5.00	1/1432	5.00	4.49	4.29	4.31	5.00
5. Did audiovisual techniques enhance your understanding	4	7	1	0	3	2	6	4.00	606/1221	4.00	3.96	3.93	4.02	4.00
Discussion														
1. Did class discussions contribute to what you learned	4	0	0	0	0	1	18	4.95	83/1280	4.95	4.18	4.10	4.08	4.95
2. Were all students actively encouraged to participate	4	0	0	0	0	4	15	4.79	340/1277	4.79	4.17	4.34	4.33	4.79
3. Did the instructor encourage fair and open discussion	4	0	0	0	0	2	17	4.89	233/1269	4.89	4.11	4.31	4.33	4.89
4. Were special techniques successful	4	0	0	0	3	0	16	4.68	133/ 854	4.68	4.09	4.02	4.00	4.68
. Here Spectral countryact Successful	1	0	0	0	5	0	± 0	1.00	1001	1.00	1.09	1.02	1.00	1.00

Credits Ea	arned	Cum. GPA		Expected	d Grades	Reasons		Туре		Majors	
00-27	6	0.00-0.99	0	А	11	Required for Majors	7	Graduate	0	Major	6
28-55	4	1.00-1.99	0	В	9						
56-83	1	2.00-2.99	3	C	1	General	3	Under-grad	23	Non-major	17
84-150	5	3.00-3.49	5	D	0						
Grad.	0	3.50-4.00	5	F	0	Electives	0	#### - Means	there	are not enough	n
				P	0			responses to	be sig	gnificant	
				I	0	Other	12				
				?	1						

Student Course Evaluation Questionnaire

			Fre	equer	ncies	S		Inst	ructor	Course	Dept	UMBC	Level	Sect
Questions	NR	NA	1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
General														
1. Did you gain new insights,skills from this course	0	0	0	0	2	4	14	4.60	492/1522	4.60	4.59	4.30	4.34	4.60
2. Did the instructor make clear the expected goals	0	0	0	0	2	б	12	4.50	545/1522	4.50	4.40	4.26	4.29	4.50
3. Did the exam questions reflect the expected goals	1	0	0	0	2	1	16	4.74	298/1285	4.74	4.40	4.30	4.36	4.74
4. Did other evaluations reflect the expected goals	0	0	0	1	1	5	13	4.50	473/1476	4.50	4.33	4.22	4.20	4.50
5. Did assigned readings contribute to what you learned	0	0	1	0	2	3	14	4.45	393/1412	4.45	4.04	4.06	4.00	4.45
6. Did written assignments contribute to what you learned	0	0	1	1	3	5	10	4.10	753/1381	4.10	3.97	4.08	3.97	4.10
7. Was the grading system clearly explained	0	0	0	1	0	4	15	4.65	325/1500	4.65	4.14	4.18	4.20	4.65
8. How many times was class cancelled	0	0	0	0	0	15	5	4.25	1268/1517	4.25	4.73	4.65	4.63	4.25
9. How would you grade the overall teaching effectiveness	5	0	0	0	3	7	5	4.13	794/1497	4.13	4.25	4.11	4.11	4.13
Lecture														
1. Were the instructor's lectures well prepared	3	0	0	1	1	3	12	4.53	774/1440	4.53	4.37	4.45	4.42	4.53
2. Did the instructor seem interested in the subject	1	0	0	0	0	1	18	4.95	296/1448	4.95	4.81	4.71	4.78	4.95
3. Was lecture material presented and explained clearly	1	0	0	0	1	5	13	4.63	446/1436	4.63	4.28	4.29	4.29	4.63
4. Did the lectures contribute to what you learned	1	0	0	1	0	5	13	4.58	558/1432	4.58	4.49	4.29	4.31	4.58
5. Did audiovisual techniques enhance your understanding	2	0	0	1	0	5	12	4.56	246/1221	4.56	3.96	3.93	4.02	4.56
Discussion														
1. Did class discussions contribute to what you learned	3	0	0	0	1	5	11	4.59	337/1280	4.59	4.18	4.10	4.08	4.59
2. Were all students actively encouraged to participate	3	0	0	1	3	4	9	4.24	819/1277	4.24	4.17	4.34	4.33	4.24
3. Did the instructor encourage fair and open discussion	3	0	0	1	1	2	13	4.59	524/1269	4.59	4.11	4.31	4.33	4.59
4. Were special techniques successful	4	2	1	0	3	4	6	4.00	426/ 854	4.00	4.09	4.02	4.00	4.00

Credits Ea	arned	Cum. GPA	L	Expected	d Grades	Reasons		Туре		Majors	
00-27	1	0.00-0.99	0	А	10	Required for Majors	1	Graduate	0	Major	8
28-55	3	1.00-1.99	0	В	б						
56-83	4	2.00-2.99	1	С	1	General	1	Under-grad	20	Non-major	12
84-150	1	3.00-3.49	4	D	0						
Grad.	0	3.50-4.00	7	F	0	Electives	0	#### - Means	there	are not enougl	n
				P	0			responses to	be sig	gnificant	
				I	0	Other	16	-			
				?	2						

Student Course Evaluation Questionnaire

Questions	NTD	NT 7	Fre	equer	ncie		F		ructor	Course	-		Level	Sect
Questions	NR	NA				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	17	4.94	106/1522	4.94	4.59	4.30	4.34	4.94
2. Did the instructor make clear the expected goals	0	0	0	0	0	3	15	4.83	179/1522	4.83	4.40	4.26	4.29	4.83
3. Did the exam questions reflect the expected goals	0	13	0	0	0	1	4	4.80	228/1285	4.80	4.40	4.30	4.36	4.80
4. Did other evaluations reflect the expected goals	0	4	0	0	0	5	9	4.64	336/1476	4.64	4.33	4.22	4.20	4.64
5. Did assigned readings contribute to what you learned	0	14	0	0	1	0	3	4.50	****/1412	* * * *	4.04	4.06	4.00	* * * *
6. Did written assignments contribute to what you learned	0	4	2	0	2	6	4	3.71	1070/1381	3.71	3.97	4.08	3.97	3.71
7. Was the grading system clearly explained	0	1	1	0	2	5	9	4.24	799/1500	4.24	4.14	4.18	4.20	4.24
8. How many times was class cancelled	0	0	0	0	0	14	4	4.22	1284/1517	4.22	4.73	4.65	4.63	4.22
9. How would you grade the overall teaching effectiveness	0	0	0	0	0	2	16	4.89	112/1497	4.89	4.25	4.11	4.11	4.89
Discussion														
1. Did class discussions contribute to what you learned	1	0	0	0	0	2	15	4.88	147/1280	4.88	4.18	4.10	4.08	4.88
2. Were all students actively encouraged to participate	1	0	0	0	1	3	13	4.71	433/1277	4.71	4.17	4.34	4.33	4.71
3. Did the instructor encourage fair and open discussion	1	0	0	0	1	2	14	4.76	371/1269	4.76	4.11	4.31	4.33	4.76
4. Were special techniques successful	1	7	1	0	1	2	б	4.20	363/ 854	4.20	4.09	4.02	4.00	4.20

Credits E	arned	Cum. GP2	A	Expecte	d Grades	Reasons		Туре		Majors	
00-27	4	0.00-0.99	0	A	11	Required for Majors	0	Graduate	0	Major	7
28-55	3	1.00-1.99	0	В	7						
56-83	2	2.00-2.99	0	С	0	General	1	Under-grad	18	Non-major	11
84-150	4	3.00-3.49	2	D	0						
Grad.	0	3.50-4.00	10	F	0	Electives	1	#### - Means	there	are not enough	a
				P	0			responses to	be sig	gnificant	
				I	0	Other	14				
				?	0						

Student Course Evaluation Questionnaire

			Fre	equei	ncies	3		Inst	ructor	Course	Dept	UMBC	Level	Sect
Questions	NR	NA	1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
General														
1. Did you gain new insights,skills from this course	0	0	0	0	0	2	7	4.78	290/1522	4.53	4.59	4.30	4.34	4.78
2. Did the instructor make clear the expected goals	0	0	0	0	0	2	7	4.78	233/1522	4.60	4.40	4.26	4.29	4.78
3. Did the exam questions reflect the expected goals	0	5	0	0	0	1	3	4.75	278/1285	4.38	4.40	4.30	4.36	4.75
4. Did other evaluations reflect the expected goals	0	0	0	0	1	0	8	4.78	207/1476	4.46	4.33	4.22	4.20	4.78
5. Did assigned readings contribute to what you learned	0	5	0	1	0	1	2	4.00	760/1412	3.75	4.04	4.06	4.00	4.00
6. Did written assignments contribute to what you learned	0	1	1	0	0	2	5	4.25	604/1381	3.77	3.97	4.08	3.97	4.25
7. Was the grading system clearly explained	0	0	1	0	0	2	б	4.33	700/1500	4.24	4.14	4.18	4.20	4.33
8. How many times was class cancelled	0	0	0	0	0	4	5	4.56	1037/1517	4.78	4.73	4.65	4.63	4.56
9. How would you grade the overall teaching effectiveness	0	0	0	0	0	4	5	4.56	348/1497	3.90	4.25	4.11	4.11	4.56
Lecture														
1. Were the instructor's lectures well prepared	5	0	0	0	1	0	3	4.50	798/1440	4.54	4.37	4.45	4.42	4.50
2. Did the instructor seem interested in the subject	5	0	0	0	1	0	3	4.50	1157/1448	4.68	4.81	4.71	4.78	4.50
3. Was lecture material presented and explained clearly	5	0	0	0	1	1	2	4.25	876/1436	4.13	4.28	4.29	4.29	4.25
4. Did the lectures contribute to what you learned	5	0	0	0	0	1	3	4.75	350/1432	4.38	4.49	4.29	4.31	4.75
5. Did audiovisual techniques enhance your understanding	5	2	1	0	0	0	1	3.00	****/1221	****	3.96	3.93	4.02	* * * *
Discussion														
1. Did class discussions contribute to what you learned	б	0	0	0	0	0	3	5.00	1/1280	3.71	4.18	4.10	4.08	5.00
2. Were all students actively encouraged to participate	6	0	0	0	0	0	3	5.00	1/1277	3.86	4.17	4.34	4.33	5.00
3. Did the instructor encourage fair and open discussion	6	0	0	0	0	0	3	5.00	1/1269	3.64	4.11	4.31	4.33	5.00
4. Were special techniques successful	6	0	0	0	0	1	2	4.67	141/ 854		4.09	4.02	4.00	4.67

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

Student Course Evaluation Questionnaire

			Fre	equei	ncies	5		Inst	ructor	Course	Dept	UMBC	Level	Sect
Questions	NR	NA	1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
General														
1. Did you gain new insights,skills from this course	0	0	0	0	0	5	2	4.29	869/1522	4.53	4.59	4.30	4.34	4.29
2. Did the instructor make clear the expected goals	0	0	0	0	0	4	3	4.43	670/1522	4.60	4.40	4.26	4.29	4.43
3. Did the exam questions reflect the expected goals	0	5	0	0	1	0	1	4.00	938/1285	4.38	4.40	4.30	4.36	4.00
4. Did other evaluations reflect the expected goals	0	0	0	0	2	2	3	4.14	913/1476	4.46	4.33	4.22	4.20	4.14
5. Did assigned readings contribute to what you learned	1	2	0	0	2	2	0	3.50	1165/1412	3.75	4.04	4.06	4.00	3.50
6. Did written assignments contribute to what you learned	l 0	0	0	0	5	2	0	3.29	1243/1381	3.77	3.97	4.08	3.97	3.29
7. Was the grading system clearly explained	0	0	1	0	1	0	5	4.14	892/1500	4.24	4.14	4.18	4.20	4.14
8. How many times was class cancelled	0	0	0	0	0	0	7	5.00	1/1517	4.78	4.73	4.65	4.63	5.00
9. How would you grade the overall teaching effectiveness	3	0	0	0	3	1	0	3.25	1370/1497	3.90	4.25	4.11	4.11	3.25
Lecture														
1. Were the instructor's lectures well prepared	0	0	0	0	0	3	4	4.57	716/1440	4.54	4.37	4.45	4.42	4.57
2. Did the instructor seem interested in the subject	0	0	0	0	0	1	6	4.86	629/1448	4.68	4.81	4.71	4.78	4.86
3. Was lecture material presented and explained clearly	0	0	0	0	2	3	2	4.00	1056/1436	4.13	4.28	4.29	4.29	4.00
4. Did the lectures contribute to what you learned	0	0	0	0	3	1	3	4.00	1036/1432	4.38	4.49	4.29	4.31	4.00
5. Did audiovisual techniques enhance your understanding	1	5	0	1	0	0	0	2.00	****/1221	****	3.96	3.93	4.02	* * * *
Discussion														
1. Did class discussions contribute to what you learned	0	0	1	3	2	1	0	2 43	1262/1280	3.71	4.18	4.10	4.08	2.43
2. Were all students actively encouraged to participate	0	0	1	3	1	1	1		1257/1277	3.86	4.17	4.34	4.33	2.71
3. Did the instructor encourage fair and open discussion	0	0	2	2	2	1	0		1261/1269	3.64	4.11	4.31	4.33	2.29
4. Were special techniques successful	0	3	0	1	2	1	0	3.00	779/ 854		4.09	4.02	4.00	3.00

Credits Ea	arned	Cum. GPA	L	Expected	d Grades	Reasons		Туре		Majors	
00-27	1	0.00-0.99	0	A	2	Required for Majors	0	Graduate	0	Major	3
28-55	1	1.00-1.99	0	В	5						
56-83	2	2.00-2.99	0	C	0	General	0	Under-grad	7	Non-major	4
84-150	1	3.00-3.49	0	D	0						
Grad.	0	3.50-4.00	5	F	0	Electives	0	#### - Means	there	are not enough	L
				P	0			responses to	be sig	gnificant	
				I	0	Other		-			
				?	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	176/1522	4.90	4.59	4.30	4.34	4.90
2. Did the instructor make clear the expected goals	0	0	0	0	1	1	8	4.70	322/1522	4.70	4.40	4.26	4.29	4.70
3. Did the exam questions reflect the expected goals	0	4	0	0	0	0	б	5.00	1/1285	5.00	4.40	4.30	4.36	5.00
4. Did other evaluations reflect the expected goals	0	2	0	0	0	1	7	4.88	140/1476	4.88	4.33	4.22	4.20	4.88
5. Did assigned readings contribute to what you learned	0	6	1	0	0	0	3	4.00	760/1412	4.00	4.04	4.06	4.00	4.00
6. Did written assignments contribute to what you learned	0	7	1	0	0	0	2	3.67	1097/1381	3.67	3.97	4.08	3.97	3.67
7. Was the grading system clearly explained	0	0	0	0	2	3	5	4.30	731/1500	4.30	4.14	4.18	4.20	4.30
8. How many times was class cancelled	0	0	0	0	0	4	6	4.60	994/1517	4.60	4.73	4.65	4.63	4.60
9. How would you grade the overall teaching effectiveness	0	0	0	0	0	3	7	4.70	240/1497	4.70	4.25	4.11	4.11	4.70
Lecture														
1. Were the instructor's lectures well prepared	1	0	0	0	0	2	7	4.78	412/1440	4.78	4.37	4.45	4.42	4.78
2. Did the instructor seem interested in the subject	0	0	0	0	0	0	10	5.00	1/1448	5.00	4.81	4.71	4.78	5.00
3. Was lecture material presented and explained clearly	0	0	0	0	0	2	8	4.80	217/1436		4.28	4.29	4.29	4.80
4. Did the lectures contribute to what you learned	0	0	0	0	0	1	9	4.90	161/1432	4.90	4.49	4.29	4.31	4.90
5. Did audiovisual techniques enhance your understanding	0	2	0	0	2	1	5	4.38	380/1221	4.38	3.96	3.93	4.02	4.38
Discussion														
1. Did class discussions contribute to what you learned	5	0	0	0	0	1	4	4.80	184/1280	4.80	4.18	4.10	4.08	4.80
2. Were all students actively encouraged to participate	5	0	0	0	0	1	4	4.80	317/1277	4.80	4.17	4.34	4.33	4.80
3. Did the instructor encourage fair and open discussion	5	0	0	0	0	1	4	4.80	332/1269	4.80	4.11	4.31	4.33	4.80
4. Were special techniques successful	5	0	0	0	0	1	4	4.80	88/ 854	4.80	4.09	4.02	4.00	4.80

Credits Ea	arned	Cum. GPA	L L	Expected	d Grades	Reasons		Туре		Majors	
00-27	0	0.00-0.99	0	A	9	Required for Majors	0	Graduate	0	Major	2
28-55	0	1.00-1.99	0	В	0						
56-83	0	2.00-2.99	0	С	0	General	1	Under-grad	10	Non-major	8
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	9				
				?	0						

Student Course Evaluation Questionnaire

			Fre	equer	ncies	3		Inst	ructor	Course	Dept	UMBC	Level	Sect
Questions	NR	NA	1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
General														
1. Did you gain new insights,skills from this course	1	0	0	0	0	1	8	4.89	190/1522	4.94	4.59	4.30	4.34	4.89
2. Did the instructor make clear the expected goals	1	0	0	0	0	2	7	4.78	233/1522	4.78	4.40	4.26	4.29	4.78
3. Did the exam questions reflect the expected goals	1	0	0	0	0	3	б	4.67	366/1285	4.61	4.40	4.30	4.36	4.67
4. Did other evaluations reflect the expected goals	1	1	0	0	0	4	4	4.50	473/1476	4.58	4.33	4.22	4.20	4.50
5. Did assigned readings contribute to what you learned	1	0	0	0	0	3	б	4.67	231/1412	4.67	4.04	4.06	4.00	4.67
6. Did written assignments contribute to what you learned	1	0	0	0	1	5	3	4.22	633/1381	4.42	3.97	4.08	3.97	4.22
7. Was the grading system clearly explained	1	1	0	0	2	2	4	4.25	780/1500	4.01	4.14	4.18	4.20	4.25
8. How many times was class cancelled	1	0	0	0	0	3	б	4.67	932/1517	4.78	4.73	4.65	4.63	4.67
9. How would you grade the overall teaching effectiveness	1	0	0	0	0	2	7	4.78	172/1497	4.45	4.25	4.11	4.11	4.78
Lecture														
1. Were the instructor's lectures well prepared	6	0	0	0	0	0	4	5.00	1/1440	4.94	4.37	4.45	4.42	5.00
2. Did the instructor seem interested in the subject	6	0	0	0	0	0	4	5.00	1/1448	5.00	4.81	4.71	4.78	5.00
3. Was lecture material presented and explained clearly	6	0	0	0	0	1	3	4.75	295/1436	4.76	4.28	4.29	4.29	4.75
4. Did the lectures contribute to what you learned	6	0	0	0	0	0	4	5.00	1/1432	4.94	4.49	4.29	4.31	5.00
5. Did audiovisual techniques enhance your understanding	7	1	0	0	0	0	2	5.00	****/1221	4.40	3.96	3.93	4.02	* * * *
Discussion														
1. Did class discussions contribute to what you learned	3	0	1	0	0	2	4	4.14	657/1280	4.46	4.18	4.10	4.08	4.14
2. Were all students actively encouraged to participate	3	Ő	0	0	1	1	5	4.57	547/1277	4.79	4.17	4.34	4.33	4.57
3. Did the instructor encourage fair and open discussion	4	Ő	0	0	0	2	4	4.67	461/1269	4.77	4.11	4.31	4.33	4.67
4. Were special techniques successful	3	4	0	0	2	1	0	3.33	726/ 854	3.95	4.09	4.02	4.00	3.33

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	2
28-55	3	1.00-1.99	0	В	5						
56-83	3	2.00-2.99	0	С	0	General	2	Under-grad	10	Non-major	8
84-150	1	3.00-3.49	2	D	0						
Grad.	0	3.50-4.00	5	F	0	Electives	0	#### - Means	there	are not enough	
				P	0			responses to	be sig	nificant	
				I	0	Other	5				
				?	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	0	0	0	9	5.00	1/1522	4.94	4.59	4.30	4.34	5.00
2. Did the instructor make clear the expected goals	0	0	0	0	0	2	7	4.78	233/1522	4.78	4.40	4.26	4.29	4.78
3. Did the exam questions reflect the expected goals	0	0	0	0	1	2	6	4.56	478/1285	4.61	4.40	4.30	4.36	4.56
4. Did other evaluations reflect the expected goals	0	0	0	0	1	1	7	4.67	316/1476	4.58	4.33	4.22	4.20	4.67
5. Did assigned readings contribute to what you learned	0	0	0	0	0	3	б	4.67	231/1412	4.67	4.04	4.06	4.00	4.67
6. Did written assignments contribute to what you learned	1	0	0	0	0	3	5	4.63	233/1381	4.42	3.97	4.08	3.97	4.63
7. Was the grading system clearly explained	0	0	0	1	2	4	2	3.78	1168/1500	4.01	4.14	4.18	4.20	3.78
8. How many times was class cancelled	0	0	0	0	0	1	8	4.89	532/1517	4.78	4.73	4.65	4.63	4.89
9. How would you grade the overall teaching effectiveness	1	0	0	0	0	7	1	4.13	807/1497	4.45	4.25	4.11	4.11	4.13
Lecture														
1. Were the instructor's lectures well prepared	0	0	0	0	0	1	8	4.89	224/1440	4.94	4.37	4.45	4.42	4.89
2. Did the instructor seem interested in the subject	0	0	0	0	0	0	9	5.00	1/1448	5.00	4.81	4.71	4.78	5.00
3. Was lecture material presented and explained clearly	0	0	0	0	1	0	8	4.78	263/1436	4.76	4.28	4.29	4.29	4.78
4. Did the lectures contribute to what you learned	0	0	0	0	0	1	8	4.89	187/1432	4.94	4.49	4.29	4.31	4.89
5. Did audiovisual techniques enhance your understanding	0	4	0	0	1	1	3	4.40	359/1221	4.40	3.96	3.93	4.02	4.40
Discussion														
1. Did class discussions contribute to what you learned	0	0	0	0	0	2	7	4.78	207/1280	4.46	4.18	4.10	4.08	4.78
2. Were all students actively encouraged to participate	0	0	0	0	0	0	9	5.00	1/1277	4.79	4.17	4.34	4.33	5.00
3. Did the instructor encourage fair and open discussion	1	0	0	0	0	1	7	4.88	255/1269	4.77	4.11	4.31	4.33	4.88
4. Were special techniques successful	0	2	0	0	1	1	5	4.57	174/ 854		4.09	4.02	4.00	4.57

Credits Ea	arned	Cum. GPA		Expected	d Grades	Reasons		Туре		Majors	
00-27	3	0.00-0.99	0	A	3	Required for Majors	0	Graduate	0	Major	4
28-55	3	1.00-1.99	0	В	3						
56-83	1	2.00-2.99	0	С	0	General	0	Under-grad	9	Non-major	5
84-150	1	3.00-3.49	1	D	0						
Grad.	0	3.50-4.00	б	F	0	Electives	0	#### - Means	there	are not enough	
				P	0			responses to	be sig	gnificant	
				I	0	Other	8				
				?	1						

Student Course Evaluation Questionnaire

Questions	NR	NA	Fre 1	equer 2	ncies 3	3 4	5	Inst Mean	ructor Rank	Course Mean	e Dept Mean	UMBC Mean	Level Mean	Sect Mean
General														
 Did you gain new insights, skills from this course 	0	0	0	0	0	1	4	4.80	246/1522	4.90	4.59	4.30	4.34	4.80
2. Did the instructor make clear the expected goals	0	0	0	0	0	0	5	5.00	1/1522	5.00	4.40	4.26	4.29	5.00
4. Did other evaluations reflect the expected goals	0	4	0	0	0	0	1	5.00	****/1476	* * * *	4.33	4.22	4.20	* * * *
5. Did assigned readings contribute to what you learned	0	4	0	0	0	0	1	5.00	****/1412	****	4.04	4.06	4.00	* * * *
7. Was the grading system clearly explained	0	2	0	0	0	1	2	4.67	312/1500	4.83	4.14	4.18	4.20	4.67
8. How many times was class cancelled	0	0	0	0	0	2	3	4.60	994/1517	4.80	4.73	4.65	4.63	4.60
9. How would you grade the overall teaching effectiveness	1	0	0	0	0	1	3	4.75	189/1497	4.88	4.25	4.11	4.11	4.75
Field Work														
1. Did field experience contribute to what you learned	2	0	0	0	0	0	3	5.00	1/ 47	5.00	5.00	4.41	4.83	5.00
2. Did you clearly understand your evaluation criteria	2	0	0	0	0	1	2	4.67	17/ 45	4.67	4.56	4.30	4.58	4.67
3. Was the instructor available for consultation	2	0	0	0	0	0	3	5.00	1/ 39	5.00	5.00	4.40	4.75	5.00
4. To what degree could you discuss your evaluations	2	0	0	0	0	0	3	5.00	1/ 35	5.00	5.00	4.31	4.75	5.00
5. Did conferences help you carry out field activities	2	1	0	0	0	0	2	5.00	1/ 34		4.67	4.30	4.17	5.00

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

Student Course Evaluation Questionnaire

			Fre	equer	ncies	5		Inst	ructor	Course	Dept	UMBC	Level	Sect
Questions	NR	NA	1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
General														
1. Did you gain new insights,skills from this course	0	0	0	0	0	0	3	5.00	1/1522	4.90	4.59	4.30	4.34	5.00
2. Did the instructor make clear the expected goals	0	0	0	0	0	0	3	5.00	1/1522	5.00	4.40	4.26	4.29	5.00
7. Was the grading system clearly explained	0	1	0	0	0	0	2	5.00	1/1500	4.83	4.14	4.18	4.20	5.00
8. How many times was class cancelled	0	0	0	0	0	0	3	5.00	1/1517	4.80	4.73	4.65	4.63	5.00
9. How would you grade the overall teaching effectiveness	0	0	0	0	0	0	3	5.00	1/1497	4.88	4.25	4.11	4.11	5.00
Laboratory														
2. Were you provided with adequate background information	1	0	0	0	1	0	1	4.00	178/ 228	4.00	4.32	4.35	4.56	4.00
3. Were necessary materials available for lab activities	1	0	0	0	0	0	2	5.00	1/ 217	5.00	5.00	4.51	4.57	5.00
4. Did the lab instructor provide assistance	1	0	0	0	0	0	2	5.00	1/ 216	5.00	4.96	4.42	4.72	5.00

Credits Ea	arned	Cum. GPA		Expected	l Grades	Reasons		Туре		Majors	
00-27	0	0.00-0.99	0	А	3	Required for Majors	0	Graduate	0	Major	2
28-55	2	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					
				?	0						

Student Course Evaluation Questionnaire

			Fre	equer	ncies	3		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	1/1522	5.00	4.59	4.30	4.34	5.00
2. Did the instructor make clear the expected goals	0	0	0	0	0	0	1	5.00	1/1522	5.00	4.40	4.26	4.29	5.00
8. How many times was class cancelled	0	0	0	0	0	0	1	5.00	1/1517	5.00	4.73	4.65	4.63	5.00
9. How would you grade the overall teaching effectiveness	0	0	0	0	0	0	1	5.00	1/1497	5.00	4.25	4.11	4.11	5.00
Laboratory														
1. Did the lab increase understanding of the material	0	0	0	0	0	0	1	5.00	1/ 215	5.00	4.96	4.36	4.62	5.00
2. Were you provided with adequate background information	0	0	0	0	0	0	1	5.00	1/ 228	5.00	4.32	4.35	4.56	5.00
3. Were necessary materials available for lab activities	0	0	0	0	0	0	1	5.00	1/ 217	5.00	5.00	4.51	4.57	5.00
4. Did the lab instructor provide assistance	0	0	0	0	0	0	1	5.00	1/ 216	5.00	4.96	4.42	4.72	5.00

Credits Ea	arned	Cum. GPA	L	Expected	d Grades	Reasons		Туре		Majors	
00-27	0	0.00-0.99	0	А	1	Required for Majors	0	Graduate	0	Major	1
28-55	1	1.00-1.99	0	В	0						
56-83	0	2.00-2.99	0	С	0	General	1	Under-grad	1	Non-major	0
84-150	0	3.00-3.49	0	D	0						
Grad.	0	3.50-4.00	1	F	0	Electives	0	#### - Means	there	are not enough	
				Р	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	2	2	3	10	4.24	919/1522	4.24	4.59	4.30	4.34	4.24
2. Did the instructor make clear the expected goals	0	0	0	1	4	7	5	3.94	1146/1522	3.94	4.40	4.26	4.25	3.94
3. Did the exam questions reflect the expected goals	0	12	0	0	2	1	2	4.00	938/1285	4.00	4.40	4.30	4.30	4.00
4. Did other evaluations reflect the expected goals	0	0	0	1	5	4	7	4.00	1009/1476	4.00	4.33	4.22	4.26	4.00
5. Did assigned readings contribute to what you learned	0	0	0	0	3	1	13	4.59	294/1412	4.59	4.04	4.06	4.03	4.59
6. Did written assignments contribute to what you learned	0	0	0	1	3	6	7	4.12	743/1381	4.12	3.97	4.08	4.13	4.12
7. Was the grading system clearly explained	0	4	1	3	3	2	4	3.38	1363/1500	3.38	4.14	4.18	4.13	3.38
8. How many times was class cancelled	0	0	0	0	0	7	10	4.59	1011/1517	4.59	4.73	4.65	4.62	4.59
9. How would you grade the overall teaching effectiveness	0	0	1	1	3	7	5	3.82	1097/1497	3.82	4.25	4.11	4.13	3.82
Lecture														
1. Were the instructor's lectures well prepared	4	0	0	0	2	7	4	4.15	1118/1440	4.15	4.37	4.45	4.46	4.15
2. Did the instructor seem interested in the subject	3	0	0	0	1	2	11	4.71	935/1448	4.71	4.81	4.71	4.71	4.71
3. Was lecture material presented and explained clearly	3	0	0	0	5	4	5	4.00	1056/1436	4.00	4.28	4.29	4.30	4.00
4. Did the lectures contribute to what you learned	3	0	1	0	4	3	б	3.93	1108/1432	3.93	4.49	4.29	4.29	3.93
5. Did audiovisual techniques enhance your understanding	4	1	0	1	2	3	6	4.17	524/1221	4.17	3.96	3.93	3.94	4.17
Discussion														
1. Did class discussions contribute to what you learned	6	0	1	1	2	2	5	3.82	869/1280	3.82	4.18	4.10	4.14	3.82
2. Were all students actively encouraged to participate	6	0	1	1	1	3	5	0.01	1013/1277	3.91	4.17	4.34	4.38	3.91
3. Did the instructor encourage fair and open discussion	6	0	0	2	2	3	4	3.82	997/1269	3.82	4.11	4.31	4.39	3.82
4. Were special techniques successful	6	2	1	1	3	2	2	3.33	726/ 854		4.09	4.02	4.00	3.33

Credits Ea	arned	Cum. GPA	L L	Expected	d Grades	Reasons		Туре		Majors	
00-27	0	0.00-0.99	0	A	9	Required for Majors	0	Graduate	0	Major	7
28-55	1	1.00-1.99	0	В	б						
56-83	3	2.00-2.99	0	С	1	General	0	Under-grad	17	Non-major	10
84-150	3	3.00-3.49	2	D	0						
Grad.	0	3.50-4.00	5	F	0	Electives	0	#### - Means	there	are not enough	n
				P	0			responses to	be sig	gnificant	
				I	0	Other	14				
				?	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	1	3	5	4.44	681/1522	4.44	4.59	4.30	4.34	4.44
2. Did the instructor make clear the expected goals	0	0	0	0	1	4	4	4.33	787/1522	4.33	4.40	4.26	4.25	4.33
3. Did the exam questions reflect the expected goals	0	3	0	0	1	2	3	4.33	706/1285	4.33	4.40	4.30	4.30	4.33
4. Did other evaluations reflect the expected goals	0	0	0	0	2	3	4	4.22	827/1476	4.22	4.33	4.22	4.26	4.22
5. Did assigned readings contribute to what you learned	0	2	0	0	2	3	2	4.00	760/1412	4.00	4.04	4.06	4.03	4.00
6. Did written assignments contribute to what you learned	0	0	0	0	2	5	2	4.00	806/1381	4.00	3.97	4.08	4.13	4.00
7. Was the grading system clearly explained	0	0	0	1	3	4	1	3.56	1280/1500	3.56	4.14	4.18	4.13	3.56
8. How many times was class cancelled	0	0	0	0	0	0	9	5.00	1/1517	5.00	4.73	4.65	4.62	5.00
9. How would you grade the overall teaching effectiveness	1	1	0	0	1	5	1	4.00	898/1497	4.00	4.25	4.11	4.13	4.00
Lecture														
1. Were the instructor's lectures well prepared	0	0	0	0	1	0	8	4.78	412/1440	4.78	4.37	4.45	4.46	4.78
2. Did the instructor seem interested in the subject	0	0	0	0	0	0	9	5.00	1/1448		4.81	4.71	4.71	5.00
3. Was lecture material presented and explained clearly	Ő	0	1	0	0	4	4	4.11	995/1436		4.28	4.29	4.30	4.11
4. Did the lectures contribute to what you learned	0	0	0	0	1	2	6	4.56	579/1432		4.49	4.29	4.29	4.56
5. Did audiovisual techniques enhance your understanding	0	0	0	0	2	4	3	4.11	564/1221		3.96	3.93	3.94	4.11
Discussion														
1. Did class discussions contribute to what you learned	0	0	0	0	0	4	5	4.56	357/1280	4.56	4.18	4.10	4.14	4.56
Were all students actively encouraged to participate	0	0	0	0	0	3	6	4.67	470/1277	4.67	4.17	4.34	4.38	4.67
3. Did the instructor encourage fair and open discussion	0	0	0	1	1	4	3	4.00	875/1269	4.00	4.11	4.31	4.39	4.00
4. Were special techniques successful	0	0	0	0	2	2	5	4.33	287/ 854	4.33	4.09	4.02	4.00	4.33

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

Student Course Evaluation Questionnaire

			Fre	equer	ncies	3		Inst	ructor	Course	Dept	UMBC	Level	Sect
Questions	NR	NA	1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
General														
1. Did you gain new insights,skills from this course	0	0	0	0	0	0	б	5.00	1/1522	5.00	4.59	4.30	4.34	5.00
2. Did the instructor make clear the expected goals	0	0	0	0	0	0	б	5.00	1/1522	5.00	4.40	4.26	4.25	5.00
3. Did the exam questions reflect the expected goals	0	3	0	0	0	0	3	5.00	1/1285	5.00	4.40	4.30	4.30	5.00
4. Did other evaluations reflect the expected goals	0	0	0	0	0	2	4	4.67	316/1476	4.67	4.33	4.22	4.26	4.67
5. Did assigned readings contribute to what you learned	0	2	0	0	0	0	4	5.00	1/1412	5.00	4.04	4.06	4.03	5.00
6. Did written assignments contribute to what you learned	1	1	0	0	0	1	3	4.75	149/1381	4.75	3.97	4.08	4.13	4.75
7. Was the grading system clearly explained	1	1	0	0	1	0	3	4.50	483/1500	4.50	4.14	4.18	4.13	4.50
8. How many times was class cancelled	1	0	0	0	0	0	5	5.00	1/1517	5.00	4.73	4.65	4.62	5.00
9. How would you grade the overall teaching effectiveness	4	0	0	0	0	0	2	5.00	1/1497	5.00	4.25	4.11	4.13	5.00
Lecture														
1. Were the instructor's lectures well prepared	2	0	0	0	0	0	4	5.00	1/1440	5.00	4.37	4.45	4.46	5.00
2. Did the instructor seem interested in the subject	2	Ő	0	0	0	0	4	5.00	1/1448	5.00	4.81	4.71	4.71	5.00
3. Was lecture material presented and explained clearly	2	0	0	0	0	0	4	5.00	1/1436	5.00	4.28	4.29	4.30	5.00
4. Did the lectures contribute to what you learned	2	0	0	0	0	0	4	5.00	1/1432	5.00	4.49	4.29	4.29	5.00
5. Did audiovisual techniques enhance your understanding	2	0	0	0	0	0	4	5.00	1/1221	5.00	3.96	3.93	3.94	5.00
Discussion														
1. Did class discussions contribute to what you learned	4	0	0	0	0	0	2	5.00	1/1280	5.00	4.18	4.10	4.14	5.00
2. Were all students actively encouraged to participate	4	0	0	0	0	0	2	5.00	1/1277	5.00	4.17	4.34	4.38	5.00
3. Did the instructor encourage fair and open discussion	4	0	0	0	0	0	2	5.00	1/1269	5.00	4.11	4.31	4.39	5.00
4. Were special techniques successful	4	0	U	U	0	U	2	5.00	1/ 854	5.00	4.09	4.02	4.00	5.00

Credits Ea	arned	Cum. GPA	L L	Expected	d Grades	Reasons		Туре		Majors	
00-27	0	0.00-0.99	0	А	4	Required for Majors	0	Graduate	0	Major	6
28-55	0	1.00-1.99	0	В	0						
56-83	1	2.00-2.99	1	C	0	General	0	Under-grad	6	Non-major	0
84-150	3	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	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	1	0	0	3.00	1489/1522	3.00	4.59	4.30	4.34	3.00
2. Did the instructor make clear the expected goals	0	0	0	0	1	0	0	3.00	1481/1522	3.00	4.40	4.26	4.25	3.00
3. Did the exam questions reflect the expected goals	0	0	0	1	0	0	0	2.00	1279/1285	2.00	4.40	4.30	4.30	2.00
4. Did other evaluations reflect the expected goals	0	0	0	0	1	0	0	3.00	1416/1476	3.00	4.33	4.22	4.26	3.00
5. Did assigned readings contribute to what you learned	0	0	0	0	1	0	0	3.00	1327/1412	3.00	4.04	4.06	4.03	3.00
7. Was the grading system clearly explained	0	0	0	0	1	0	0	3.00	1430/1500	3.00	4.14	4.18	4.13	3.00
8. How many times was class cancelled	0	0	0	0	0	0	1	5.00	1/1517	5.00	4.73	4.65	4.62	5.00
9. How would you grade the overall teaching effectiveness	0	0	0	0	1	0	0	3.00	1418/1497	3.00	4.25	4.11	4.13	3.00
Lecture														
1. Were the instructor's lectures well prepared	0	0	0	0	1	0	0	3.00	1404/1440	3.00	4.37	4.45	4.46	3.00
2. Did the instructor seem interested in the subject	0	0	0	0	1	0	0	3.00	1441/1448	3.00	4.81	4.71	4.71	3.00
3. Was lecture material presented and explained clearly	0	0	0	0	1	0	0	3.00	1378/1436	3.00	4.28	4.29	4.30	3.00
4. Did the lectures contribute to what you learned	0	0	0	0	1	0	0	3.00	1364/1432	3.00	4.49	4.29	4.29	3.00
5. Did audiovisual techniques enhance your understanding	0	0	0	1	0	0	0	2.00	1197/1221	2.00	3.96	3.93	3.94	2.00
Discussion														
1. Did class discussions contribute to what you learned	0	0	0	0	1	0	0	3.00	1187/1280	3.00	4.18	4.10	4.14	3.00
2. Were all students actively encouraged to participate	0	0	0	0	1	0	0	3.00	1214/1277	3.00	4.17	4.34	4.38	3.00
3. Did the instructor encourage fair and open discussion	0	0	0	0	1	0	0	3.00	1207/1269	3.00	4.11	4.31	4.39	3.00
4. Were special techniques successful	0	0	0	1	0	0	0	2.00	847/ 854	2.00	4.09	4.02	4.00	2.00

Credits E	arned	Cum. GPA		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	1						
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	1
				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														
1. Did you gain new insights,skills from this course	0	0	0	0	0	2	2	4.50	605/1522	4.50	4.59	4.30	4.34	4.50
2. Did the instructor make clear the expected goals	0	0	0	0	1	1	2	4.25	874/1522	4.25	4.40	4.26	4.25	4.25
4. Did other evaluations reflect the expected goals	0	3	0	0	0	0	1	5.00	1/1476	5.00	4.33	4.22	4.26	5.00
5. Did assigned readings contribute to what you learned	0	3	0	0	0	0	1	5.00	1/1412	5.00	4.04	4.06	4.03	5.00
6. Did written assignments contribute to what you learned	0	3	0	0	0	0	1	5.00	1/1381	5.00	3.97	4.08	4.13	5.00
7. Was the grading system clearly explained	0	2	0	0	1	1	0	3.50	1298/1500	3.50	4.14	4.18	4.13	3.50
8. How many times was class cancelled	1	0	0	0	0	0	3	5.00	1/1517	5.00	4.73	4.65	4.62	5.00
9. How would you grade the overall teaching effectiveness	1	0	0	0	0	3	0	4.00	898/1497	4.00	4.25	4.11	4.13	4.00
Lecture														
1. Were the instructor's lectures well prepared	1	0	0	0	0	0	3	5.00	1/1440	5.00	4.37	4.45	4.46	5.00
2. Did the instructor seem interested in the subject	1	0	0	0	0	0	3	5.00	1/1448	5.00	4.81	4.71	4.71	5.00
3. Was lecture material presented and explained clearly	1	0	0	0	0	1	2	4.67	415/1436	4.67	4.28	4.29	4.30	4.67
4. Did the lectures contribute to what you learned	1	1	0	0	0	0	2	5.00	1/1432	5.00	4.49	4.29	4.29	5.00
5. Did audiovisual techniques enhance your understanding	1	2	0	0	0	0	1	5.00	1/1221	5.00	3.96	3.93	3.94	5.00
Discussion														
1. Did class discussions contribute to what you learned	2	0	0	0	0	0	2	5.00	1/1280	5.00	4.18	4.10	4.14	5.00
2. Were all students actively encouraged to participate	2	0	0	0	0	0	2	5.00	1/1277	5.00	4.17	4.34	4.38	5.00
3. Did the instructor encourage fair and open discussion	2	0	0	0	0	0	2	5.00	1/1269	5.00	4.11	4.31	4.39	5.00
4. Were special techniques successful	2	0	0	0	0	0	2	5.00	1/ 854	5.00	4.09	4.02	4.00	5.00
Field Work														
1. Did field experience contribute to what you learned	3	0	0	0	0	0	1	5.00	1/ 47	5.00	5.00	4.41	4.56	5.00
2. Did you clearly understand your evaluation criteria	3	0	0	0	0	1	0	4.00	30/ 45	4.00	4.56	4.30	4.39	4.00
3. Was the instructor available for consultation	3	0	0	0	0	0	1	5.00	1/ 39	5.00	5.00	4.40	4.68	5.00
5. Did conferences help you carry out field activities	3	0	0	0	0	1	0	4.00	22/ 34	4.00	4.67	4.30	4.12	4.00

Credits Ea	arned	Cum. GPA		Expected	Grades	Reasons		Туре		Majors	
00-27	0	0.00-0.99	0	 А	3	Required for Majors	0	Graduate	0	Major	4
28-55	0	1.00-1.99	0	В	1						
56-83	1	2.00-2.99	1	С	0	General	1	Under-grad	4	Non-major	0
84-150	0	3.00-3.49	0	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	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	7	5.00	1/1522	5.00	4.59	4.30	4.34	5.00
2. Did the instructor make clear the expected goals	1	0	0	1	1	2	2	3.83	1227/1522		4.40	4.26	4.25	3.83
3. Did the exam questions reflect the expected goals	0	б	0	0	0	0	1	5.00	****/1285	* * * *	4.40	4.30	4.30	* * * *
4. Did other evaluations reflect the expected goals	0	1	0	0	2	1	3	4.17	892/1476	4.17	4.33	4.22	4.26	4.17
5. Did assigned readings contribute to what you learned	0	4	0	0	1	0	2	4.33	493/1412	4.33	4.04	4.06	4.03	4.33
6. Did written assignments contribute to what you learned	1	3	0	0	0	2	1	4.33	519/1381	4.33	3.97	4.08	4.13	4.33
7. Was the grading system clearly explained	0	0	0	1	1	2	3	4.00	988/1500	4.00	4.14	4.18	4.13	4.00
8. How many times was class cancelled	0	0	0	0	0	0	7	5.00	1/1517	5.00	4.73	4.65	4.62	5.00
9. How would you grade the overall teaching effectiveness	0	0	0	1	0	2	4	4.29	622/1497	4.29	4.25	4.11	4.13	4.29
Lecture														
1. Were the instructor's lectures well prepared	6	0	0	0	0	0	1	5.00	****/1440	* * * *	4.37	4.45	4.46	* * * *
Discussion														
1. Did class discussions contribute to what you learned	1	0	0	0	0	0	6	5.00	1/1280	5.00	4.18	4.10	4.14	5.00
2. Were all students actively encouraged to participate	1	0	0	0	0	0	6	5.00	1/1277	5.00	4.17	4.34	4.38	5.00
3. Did the instructor encourage fair and open discussion	1	0	0	0	0	0	6	5.00	1/1269		4.11	4.31	4.39	5.00
4. Were special techniques successful	1	3	0	0	0	1	2	4.67	141/ 854		4.09	4.02	4.00	4.67
Field Work														
1. Did field experience contribute to what you learned	4	0	0	0	0	0	3	5.00	1/ 47	5.00	5.00	4.41	4.56	5.00
2. Did you clearly understand your evaluation criteria	4	0	0	0	0	0	3	5.00	1/ 45	5.00	4.56	4.30	4.39	5.00
3. Was the instructor available for consultation	4	0	0	0	0	0	3	5.00	1/ 39	5.00	5.00	4.40	4.68	5.00
4. To what degree could you discuss your evaluations	4	0	0	0	0	0	3	5.00	1/ 35	5.00	5.00	4.31	4.26	5.00
5. Did conferences help you carry out field activities	4	0	0	0	0	0	3	5.00	1/ 34	5.00	4.67	4.30	4.12	5.00

Credits Ea	arned	Cum. GPA		Expected	d Grades	Reasons		Туре		Majors	
00-27	0	0.00-0.99	0	A	5	Required for Majors	1	Graduate	0	Major	3
28-55	0	1.00-1.99	0	В	1						
56-83	0	2.00-2.99	0	С	0	General	3	Under-grad	7	Non-major	4
84-150	3	3.00-3.49	2	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	3				
				?	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	1	7	11	4.53	582/1522	4.53	4.59	4.30	4.34	4.53
2. Did the instructor make clear the expected goals	0	0	0	1	3	4	11	4.32	811/1522	4.32	4.40	4.26	4.25	4.32
3. Did the exam questions reflect the expected goals	0	9	0	0	1	4	5	4.40	650/1285	4.40	4.40	4.30	4.30	4.40
4. Did other evaluations reflect the expected goals	0	1	0	0	2	5	11	4.50	473/1476	4.50	4.33	4.22	4.26	4.50
5. Did assigned readings contribute to what you learned	0	0	1	0	1	7	10	4.32	511/1412	4.32	4.04	4.06	4.03	4.32
6. Did written assignments contribute to what you learned	0	0	1	0	1	4	13	4.47	361/1381	4.47	3.97	4.08	4.13	4.47
7. Was the grading system clearly explained	0	0	1	0	3	6	9	4.16	882/1500	4.16	4.14	4.18	4.13	4.16
8. How many times was class cancelled	1	0	0	0	1	10	7	4.33	1217/1517	4.33	4.73	4.65	4.62	4.33
9. How would you grade the overall teaching effectiveness	0	0	1	0	1	11	б	4.11	833/1497	4.11	4.25	4.11	4.13	4.11
Lecture														
1. Were the instructor's lectures well prepared	2	0	1	0	3	5	8	4.12	1142/1440	4.12	4.37	4.45	4.46	4.12
2. Did the instructor seem interested in the subject	1	0	0	0	0	3	15	4.83	683/1448	4.83	4.81	4.71	4.71	4.83
3. Was lecture material presented and explained clearly	1	0	1	0	1	4	12	4.44	672/1436	4.44	4.28	4.29	4.30	4.44
4. Did the lectures contribute to what you learned	1	0	1	1	0	4	12	4.39	775/1432	4.39	4.49	4.29	4.29	4.39
5. Did audiovisual techniques enhance your understanding	1	1	0	0	2	2	13	4.65	187/1221	4.65	3.96	3.93	3.94	4.65
Discussion														
1. Did class discussions contribute to what you learned	4	0	0	1	0	2	12	4.67	286/1280	4.67	4.18	4.10	4.14	4.67
2. Were all students actively encouraged to participate	4	0	0	0	1	2	12	4.73	398/1277	4.73	4.17	4.34	4.38	4.73
3. Did the instructor encourage fair and open discussion	4	0	Õ	0	1	2	12	4.73	400/1269	4.73	4.11	4.31	4.39	4.73
4. Were special techniques successful	4	2	0	1	2	1	9	4.38	262/ 854		4.09	4.02	4.00	4.38

Credits Ea	arned	Cum. GPA	L L	Expecte	d Grades	Reasons		Туре		Majors	
00-27	0	0.00-0.99	0	А А	12	Required for Majors	5	Graduate	0	Major	0
28-55	0	1.00-1.99	0	В	4						
56-83	2	2.00-2.99	4	C	1	General	8	Under-grad	19	Non-major	19
84-150	7	3.00-3.49	2	D	0						
Grad.	0	3.50-4.00	4	F	0	Electives	2	#### - Means	there	are not enough	n
				P	0			responses to	be sig	gnificant	
				I	0	Other	4				
				?	0						

Student Course Evaluation Questionnaire

			Fre	equer	ncies	5		Inst	ructor	Course	Dept	UMBC	Level	Sect
Questions	NR	NA	1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
General														
1. Did you gain new insights,skills from this course	0	0	0	1	2	4	б	4.15	1001/1522	4.15	4.59	4.30	4.34	4.15
2. Did the instructor make clear the expected goals	1	0	1	2	3	4	2	3.33	1419/1522	3.33	4.40	4.26	4.25	3.33
3. Did the exam questions reflect the expected goals	0	9	0	0	2	1	1	3.75	1088/1285	3.75	4.40	4.30	4.30	3.75
4. Did other evaluations reflect the expected goals	1	2	0	1	3	2	4	3.90	1127/1476	3.90	4.33	4.22	4.26	3.90
5. Did assigned readings contribute to what you learned	0	0	0	0	3	4	б	4.23	585/1412	4.23	4.04	4.06	4.03	4.23
6. Did written assignments contribute to what you learned	0	0	0	2	1	7	3	3.85	984/1381	3.85	3.97	4.08	4.13	3.85
7. Was the grading system clearly explained	0	1	2	3	4	2	1	2.75	1458/1500	2.75	4.14	4.18	4.13	2.75
8. How many times was class cancelled	0	0	0	1	4	7	1	3.62	1484/1517	3.62	4.73	4.65	4.62	3.62
9. How would you grade the overall teaching effectiveness	1	0	1	0	5	3	3	3.58	1246/1497	3.58	4.25	4.11	4.13	3.58
Lecture														
1. Were the instructor's lectures well prepared	2	0	0	2	2	3	4	3.82	1283/1440	3.82	4.37	4.45	4.46	3.82
2. Did the instructor seem interested in the subject	2	0	0	0	2	1	8	4.55	1123/1448	4.55	4.81	4.71	4.71	4.55
3. Was lecture material presented and explained clearly	2	0	0	0	8	3	0	3.27	1347/1436	3.27	4.28	4.29	4.30	3.27
4. Did the lectures contribute to what you learned	2	0	0	1	б	1	3	3.55	1259/1432	3.55	4.49	4.29	4.29	3.55
5. Did audiovisual techniques enhance your understanding	2	1	0	2	2	4	2	3.60	860/1221	3.60	3.96	3.93	3.94	3.60
Discussion														
1. Did class discussions contribute to what you learned	4	0	0	0	4	2	3	3.89	834/1280	3.89	4.18	4.10	4.14	3.89
2. Were all students actively encouraged to participate	4	0	0	2	1	2	4	3.89	1020/1277	3.89	4.17	4.34	4.38	3.89
3. Did the instructor encourage fair and open discussion	4	0	0	0	4	4	1	3.67	1074/1269	3.67	4.11	4.31	4.39	3.67
4. Were special techniques successful	4	2	0	0	3	2	2	3.86	547/ 854	3.86	4.09	4.02	4.00	3.86

Credits E	larned	Cum. GPA	L	Expected	Grades	Reasons		Туре		Majors	
00-27	0	0.00-0.99	0	А А	6	Required for Majors	0	Graduate	0	Major	7
28-55	0	1.00-1.99	0	В	4						
56-83	1	2.00-2.99	2	C	3	General	0	Under-grad	13	Non-major	6
84-150	4	3.00-3.49	1	D	0						
Grad.	0	3.50-4.00	3	F	0	Electives	0	#### - Means	there a	are not enough	L
				P	0			responses to	be sig	nificant	
				I	0	Other	13				
				?	0						

Student Course Evaluation Questionnaire

Ouestions	NR	NA	Fre 1	equer 2	ncies	5 4	5	Inst Mean	ructor Rank	Course Mean	Dept Mean	UMBC Mean	Level Mean	Sect Mean
Quescions						т 								
General														
1. Did you gain new insights,skills from this course	0	0	0	0	2	1	3	4.17	991/1522	4.17	4.59	4.30	4.34	4.17
2. Did the instructor make clear the expected goals	0	0	0	1	1	0	4	4.17	965/1522	4.17	4.40	4.26	4.25	4.17
3. Did the exam questions reflect the expected goals	0	4	0	0	0	0	2	5.00	1/1285	5.00	4.40	4.30	4.30	5.00
4. Did other evaluations reflect the expected goals	0	5	0	0	0	1	0	4.00	****/1476	* * * *	4.33	4.22	4.26	* * * *
5. Did assigned readings contribute to what you learned	1	1	0	0	0	0	4	5.00	1/1412	5.00	4.04	4.06	4.03	5.00
6. Did written assignments contribute to what you learned	0	3	0	0	1	0	2	4.33	519/1381	4.33	3.97	4.08	4.13	4.33
7. Was the grading system clearly explained	0	1	0	0	2	1	2	4.00	988/1500	4.00	4.14	4.18	4.13	4.00
8. How many times was class cancelled	0	0	0	0	0	0	6	5.00	1/1517	5.00	4.73	4.65	4.62	5.00
9. How would you grade the overall teaching effectiveness	0	0	0	0	2	0	4	4.33	573/1497	4.33	4.25	4.11	4.13	4.33
Discussion														
1. Did class discussions contribute to what you learned	5	0	0	0	0	0	1	5.00	****/1280	* * * *	4.18	4.10	4.14	* * * *
2. Were all students actively encouraged to participate	5	0	0	0	0	0	1	5.00	****/1277	* * * *	4.17	4.34	4.38	* * * *
3. Did the instructor encourage fair and open discussion	5	0	0	0	0	0	1	5.00	****/1269	* * * *	4.11	4.31	4.39	* * * *

Credits E	arned	Cum. GPA	·	Expected	Grades	Reasons		Туре		Majors	
00-27	0	0.00-0.99	0	A	6	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	6	Non-major	б
84-150	4	3.00-3.49	0	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

		Frequencies						Instructor		Course Dept		UMBC Level		Sect
Questions	NR	NA	1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
General														
1. Did you gain new insights, skills from this course	0	0	0	0	0	1	9	4.90	176/1522	4.90	4.59	4.30	4.42	4.90
2. Did the instructor make clear the expected goals	0	0	0	0	1	1	8	4.70	322/1522	4.70	4.40	4.26	4.34	4.70
3. Did the exam questions reflect the expected goals	0	5	0	0	0	0	5	5.00	1/1285	5.00	4.40	4.30	4.42	5.00
4. Did other evaluations reflect the expected goals	1	4	0	0	0	0	5	5.00	1/1476	5.00	4.33	4.22	4.31	5.00
5. Did assigned readings contribute to what you learned	0	1	0	0	1	0	8	4.78	155/1412	4.78	4.04	4.06	4.11	4.78
6. Did written assignments contribute to what you learned	1	6	0	0	0	0	3	5.00	1/1381	5.00	3.97	4.08	4.21	5.00
7. Was the grading system clearly explained	0	4	0	0	1	0	5	4.67	312/1500	4.67	4.14	4.18	4.25	4.67
8. How many times was class cancelled	1	0	0	0	0	1	8	4.89	532/1517	4.89	4.73	4.65	4.71	4.89
9. How would you grade the overall teaching effectiveness	4	0	0	0	0	0	б	5.00	1/1497	5.00	4.25	4.11	4.21	5.00
Lecture														
5. Did audiovisual techniques enhance your understanding	9	0	0	0	1	0	0	3.00	****/1221	* * * *	3.96	3.93	4.04	* * * *
Discussion														
1. Did class discussions contribute to what you learned	0	0	0	0	0	1	٩	4.90	138/1280	4.90	4.18	4.10	4.28	4.90
2. Were all students actively encouraged to participate	0	0	0	0	0	0	10	5.00	1/1277	5.00	4.17	4.34	4.50	5.00
3. Did the instructor encourage fair and open discussion	0	0	0	0	0	1	9	4.90	223/1269		4.11	4.31	4.49	4.90
4. Were special techniques successful	0	2	0	0	0	⊥ 3	5	4.63	157/ 854		4.09	4.02	4.31	
4. Were special cecimiques successiul	0	4	0	0	0	5	J	1.05	137/ 034	1.05	1.09	1.02	ч.) I	1.05
Self Paced														
1. Did self-paced system contribute to what you learned	9	0	0	0	0	0	1	5.00	****/ 37	* * * *	* * * *	4.63	4.33	* * * *
2. Did study questions make clear the expected goal	9	0	1	0	0	0	0	1.00	****/ 23	* * * *	* * * *	4.41	4.00	* * * *
3. Were your contacts with the instructor helpful	9	0	0	0	0	0	1	5.00	****/ 33	* * * *	* * * *	4.69	4.92	* * * *
4. Was the feedback/tutoring by proctors helpful	9	0	0	0	0	1	0	4.00	****/ 22	* * * *	* * * *	4.54	4.25	* * * *
5. Were there enough proctors for all the students	9	0	0	0	0	0	1	5.00	****/ 18	* * * *	* * * *	4.49	4.25	* * * *

Credits Earned		Cum. GPA	Cum. GPA		d Grades	Reasons		Туре	Majors	Majors	
00-27	0	0.00-0.99	0	A	6	Required for Majors	0	Graduate	0	Major	4
28-55	3	1.00-1.99	0	В	1						
56-83	0	2.00-2.99	0	C	1	General	2	Under-grad	10	Non-major	6
84-150	1	3.00-3.49	1	D	0						
Grad.	0	3.50-4.00	2	F	0	Electives	0	#### - Means	#### - Means there ar		
				P	0			responses to	be sig	gnificant	
				I	0	Other	7				
				?	0						