

Student Course Evaluation Questionnaires

Course-Section:	CYBR 620 01
Title:	Introduction to Cybersec
Instructor:	Getek,Ryan C

Term - Fall 2011

Enrollment:	24
Questionnaires:	16

Questions	NR	NA	Frequencies					Instructor		Course	Org	UMBC	Level	Sect
			1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
General														
1. Did you gain new insights,skills from this course	0	0	0	0	3	3	10	4.44	710/1520	4.12	4.23	4.31	4.39	4.44
2. Did the instructor make clear the expected goals	1	0	0	1	1	2	11	4.53	541/1520	4.28	4.37	4.27	4.28	4.53
3. Did the exam questions reflect the expected goals	0	0	0	2	1	1	12	4.44	651/1291	4.30	4.32	4.33	4.38	4.44
4. Did other evaluations reflect the expected goals	0	0	0	2	0	2	12	4.50	493/1483	4.25	4.18	4.23	4.25	4.50
5. Did assigned readings contribute to what you learned	0	0	0	1	2	4	9	4.31	560/1417	3.76	4.09	4.08	4.13	4.31
6. Did written assignments contribute to what you learned	0	0	0	0	3	3	10	4.44	469/1405	4.08	4.09	4.12	4.24	4.44
7. Was the grading system clearly explained	0	0	0	0	3	1	12	4.56	373/1504	4.58	4.25	4.16	4.21	4.56
8. How many times was class cancelled	0	0	0	0	0	1	15	4.94	414/1519	4.97	4.60	4.70	4.77	4.94
9. How would you grade the overall teaching effectiveness	2	1	0	0	3	3	7	4.31	605/1495	4.01	4.20	4.11	4.20	4.31
Lecture														
1. Were the instructor's lectures well prepared	0	0	0	0	1	1	14	4.81	356/1459	4.49	4.47	4.47	4.48	4.81
2. Did the instructor seem interested in the subject	0	0	0	0	1	1	14	4.81	779/1460	4.81	4.59	4.74	4.77	4.81
3. Was lecture material presented and explained clearly	2	0	0	1	2	2	9	4.36	819/1455	4.28	4.42	4.32	4.31	4.36
4. Did the lectures contribute to what you learned	0	0	0	1	0	1	14	4.75	384/1456	4.39	4.36	4.34	4.32	4.75
5. Did audiovisual techniques enhance your understanding	1	0	0	1	1	5	8	4.33	462/1316	4.05	4.07	4.03	3.86	4.33
Discussion														
1. Did class discussions contribute to what you learned	0	0	0	0	4	3	9	4.31	581/1243	4.06	4.35	4.17	4.23	4.31
2. Were all students actively encouraged to participate	0	0	0	0	2	6	8	4.38	686/1241	4.38	4.26	4.33	4.39	4.38
3. Did the instructor encourage fair and open discussion	0	0	0	0	1	3	12	4.69	486/1236	4.63	4.43	4.40	4.47	4.69
4. Were special techniques successful	0	13	0	0	1	1	1	4.00	****/889	****	4.02	4.02	4.06	****

Student Course Evaluation Questionnaires

Course-Section:	CYBR 620 01
Title:	Introduction to Cybersec
Instructor:	Getek,Ryan C

Term - Fall 2011

Enrollment:	24
Questionnaires:	16

Questions	NR	NA	Frequencies					Instructor		Course	Org	UMBC	Level	Sect
			1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
Seminar														
1. Were assigned topics relevant to the announced theme	15	0	0	0	0	0	1	5.00	****/67	****	3.97	4.60	4.62	****
2. Was the instructor available for individual attention	15	0	0	0	0	0	1	5.00	****/66	****	4.41	4.55	4.62	****
3. Did research projects contribute to what you learned	15	0	0	0	0	0	1	5.00	****/62	****	4.19	4.54	4.59	****
4. Did presentations contribute to what you learned	15	0	0	0	0	0	1	5.00	****/68	****	4.09	4.59	4.62	****
5. Were criteria for grading made clear	15	0	0	0	0	0	1	5.00	****/66	****	4.07	4.20	4.26	****

Frequency Distribution

Credits Earned	Cum. GPA	Expected Grades	Reasons	Type	Majors						
00-27	5	0.00-0.99	6	A	10	Required for Majors	9	Graduate	6	Major	0
28-55	0	1.00-1.99	0	B	3						
56-83	0	2.00-2.99	0	C	0	General	0	Under-grad	10	Non-major	0
84-150	0	3.00-3.49	0	D	0						
Grad.	6	3.50-4.00	2	F	0	Electives	3	**** - Means there are not enough responses to be significant			
				P	0						
				I	0	Other	0				
				?	2						

Student Course Evaluation Questionnaires

Course-Section:	CYBR 620 02
Title:	Introduction to Cybersec
Instructor:	Huhn,Michael S

Term - Fall 2011

Enrollment:	35
Questionnaires:	30

Questions	NR	NA	Frequencies					Instructor		Course	Org	UMBC	Level	Sect
			1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
General														
1. Did you gain new insights,skills from this course	0	0	4	1	6	5	14	3.80	1277/1520	4.12	4.23	4.31	4.39	3.80
2. Did the instructor make clear the expected goals	0	0	0	2	8	7	13	4.03	1066/1520	4.28	4.37	4.27	4.28	4.03
3. Did the exam questions reflect the expected goals	0	0	0	1	4	14	11	4.17	880/1291	4.30	4.32	4.33	4.38	4.17
4. Did other evaluations reflect the expected goals	0	0	0	2	6	12	10	4.00	1010/1483	4.25	4.18	4.23	4.25	4.00
5. Did assigned readings contribute to what you learned	0	1	3	7	7	5	7	3.21	1304/1417	3.76	4.09	4.08	4.13	3.21
6. Did written assignments contribute to what you learned	0	2	2	4	4	8	10	3.71	1093/1405	4.08	4.09	4.12	4.24	3.71
7. Was the grading system clearly explained	0	0	0	0	1	10	19	4.60	331/1504	4.58	4.25	4.16	4.21	4.60
8. How many times was class cancelled	0	0	0	0	0	0	30	5.00	1/1519	4.97	4.60	4.70	4.77	5.00
9. How would you grade the overall teaching effectiveness	9	0	0	2	5	11	3	3.71	1166/1495	4.01	4.20	4.11	4.20	3.71
Lecture														
1. Were the instructor's lectures well prepared	0	0	2	2	3	5	18	4.17	1156/1459	4.49	4.47	4.47	4.48	4.17
2. Did the instructor seem interested in the subject	0	0	0	0	1	4	25	4.80	806/1460	4.81	4.59	4.74	4.77	4.80
3. Was lecture material presented and explained clearly	0	0	0	0	6	12	12	4.20	964/1455	4.28	4.42	4.32	4.31	4.20
4. Did the lectures contribute to what you learned	0	0	3	2	3	5	17	4.03	1081/1456	4.39	4.36	4.34	4.32	4.03
5. Did audiovisual techniques enhance your understanding	0	0	5	0	5	7	13	3.77	919/1316	4.05	4.07	4.03	3.86	3.77
Discussion														
1. Did class discussions contribute to what you learned	4	0	3	2	1	11	9	3.81	903/1243	4.06	4.35	4.17	4.23	3.81
2. Were all students actively encouraged to participate	4	0	1	1	3	3	18	4.38	679/1241	4.38	4.26	4.33	4.39	4.38
3. Did the instructor encourage fair and open discussion	4	0	0	1	2	4	19	4.58	589/1236	4.63	4.43	4.40	4.47	4.58
4. Were special techniques successful	4	20	0	1	0	3	2	4.00	****/889	****	4.02	4.02	4.06	****

Student Course Evaluation Questionnaires

Course-Section:	CYBR 620 02
Title:	Introduction to Cybersec
Instructor:	Huhn,Michael S

Term - Fall 2011

Enrollment:	35
Questionnaires:	30

Questions	NR	NA	Frequencies					Instructor		Course	Org	UMBC	Level	Sect
			1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
Laboratory														
2. Were you provided with adequate background information	26	0	1	0	1	0	2	3.50	****/165	****	3.28	4.19	3.75	****
Seminar														
1. Were assigned topics relevant to the announced theme	22	4	0	0	0	1	3	4.75	****/67	****	3.97	4.60	4.62	****
2. Was the instructor available for individual attention	24	0	0	0	0	0	6	5.00	****/66	****	4.41	4.55	4.62	****
3. Did research projects contribute to what you learned	24	1	0	0	0	2	3	4.60	****/62	****	4.19	4.54	4.59	****
4. Did presentations contribute to what you learned	24	0	1	0	0	3	2	3.83	****/68	****	4.09	4.59	4.62	****
5. Were criteria for grading made clear	24	0	0	0	0	0	6	5.00	****/66	****	4.07	4.20	4.26	****
Field Work														
1. Did field experience contribute to what you learned	27	0	2	0	0	0	1	2.33	****/32	****	3.78	4.36	4.44	****
2. Did you clearly understand your evaluation criteria	26	0	0	0	0	0	4	5.00	****/31	****	3.83	4.15	4.39	****
3. Was the instructor available for consultation	26	1	0	0	0	0	3	5.00	****/23	****	3.75	4.48	4.56	****
4. To what degree could you discuss your evaluations	26	0	0	0	0	1	3	4.75	****/27	****	3.38	4.23	4.32	****
5. Did conferences help you carry out field activities	27	0	0	0	0	0	3	5.00	****/20	****	3.37	4.23	4.52	****
Self Paced														
1. Did self-paced system contribute to what you learned	26	0	0	0	0	2	2	4.50	****/24	****	3.72	4.17	4.13	****
2. Did study questions make clear the expected goal	26	1	0	0	0	1	2	4.67	****/15	****	3.88	4.17	4.48	****
3. Were your contacts with the instructor helpful	26	1	0	0	0	1	2	4.67	****/22	****	3.84	4.07	4.67	****
4. Was the feedback/tutoring by proctors helpful	26	1	0	0	0	1	2	4.67	****/15	****	3.70	4.06	4.90	****

Student Course Evaluation Questionnaires

Course-Section:	CYBR 620 02
Title:	Introduction to Cybersec
Instructor:	Huhn,Michael S

Term - Fall 2011

Enrollment:	35
Questionnaires:	30

Questions	NR	NA	Frequencies					Instructor		Course	Org	UMBC	Level	Sect
			1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
Self Paced														
5. Were there enough proctors for all the students	26	0	0	0	0	0	4	5.00	****/12	****	3.77	4.16	4.68	****

Frequency Distribution

Credits Earned		Cum. GPA		Expected Grades		Reasons		Type		Majors	
00-27	12	0.00-0.99	6	A	19	Required for Majors	22	Graduate	13	Major	0
28-55	0	1.00-1.99	0	B	5						
56-83	0	2.00-2.99	0	C	1	General	0	Under-grad	17	Non-major	0
84-150	0	3.00-3.49	0	D	1						
Grad.	13	3.50-4.00	4	F	0	Electives	4	**** - Means there are not enough responses to be significant			
				P	0						
				I	0	Other	0				
				?	4						

Student Course Evaluation Questionnaires

Course-Section:	CYBR 621 01
Title:	Cyber Warfare
Instructor:	Kinney,Albert C

Term - Fall 2011

Enrollment:	23
Questionnaires:	19

Questions	NR	NA	Frequencies					Instructor		Course	Org	UMBC	Level	Sect
			1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
General														
1. Did you gain new insights,skills from this course	0	0	0	2	3	4	10	4.16	1016/1520	4.16	4.23	4.31	4.39	4.16
2. Did the instructor make clear the expected goals	1	0	1	1	4	2	10	4.06	1054/1520	4.06	4.37	4.27	4.28	4.06
3. Did the exam questions reflect the expected goals	0	0	0	2	2	5	10	4.21	844/1291	4.21	4.32	4.33	4.38	4.21
4. Did other evaluations reflect the expected goals	1	0	1	2	3	5	7	3.83	1165/1483	3.83	4.18	4.23	4.25	3.83
5. Did assigned readings contribute to what you learned	2	0	1	2	1	7	6	3.88	947/1417	3.88	4.09	4.08	4.13	3.88
6. Did written assignments contribute to what you learned	3	0	0	0	4	5	7	4.19	725/1405	4.19	4.09	4.12	4.24	4.19
7. Was the grading system clearly explained	2	0	1	0	1	5	10	4.35	631/1504	4.35	4.25	4.16	4.21	4.35
8. How many times was class cancelled	2	0	0	0	2	13	2	4.00	1435/1519	4.00	4.60	4.70	4.77	4.00
9. How would you grade the overall teaching effectiveness	6	0	0	1	3	7	2	3.77	1129/1495	3.77	4.20	4.11	4.20	3.77
Lecture														
1. Were the instructor's lectures well prepared	0	0	0	1	0	3	15	4.68	584/1459	4.68	4.47	4.47	4.48	4.68
2. Did the instructor seem interested in the subject	0	0	0	2	0	1	16	4.63	1084/1460	4.63	4.59	4.74	4.77	4.63
3. Was lecture material presented and explained clearly	0	0	0	2	2	3	12	4.32	865/1455	4.32	4.42	4.32	4.31	4.32
4. Did the lectures contribute to what you learned	1	0	2	0	2	3	11	4.17	1015/1456	4.17	4.36	4.34	4.32	4.17
5. Did audiovisual techniques enhance your understanding	1	0	1	3	3	3	8	3.78	912/1316	3.78	4.07	4.03	3.86	3.78
Discussion														
1. Did class discussions contribute to what you learned	3	0	1	0	3	3	9	4.19	676/1243	4.19	4.35	4.17	4.23	4.19
2. Were all students actively encouraged to participate	3	0	0	1	0	3	12	4.63	455/1241	4.63	4.26	4.33	4.39	4.63
3. Did the instructor encourage fair and open discussion	3	0	0	1	0	1	14	4.75	404/1236	4.75	4.43	4.40	4.47	4.75
4. Were special techniques successful	3	9	1	2	2	0	2	3.00	822/889	3.00	4.02	4.02	4.06	3.00

Student Course Evaluation Questionnaires

Course-Section:	CYBR 621 01
Title:	Cyber Warfare
Instructor:	Kinney,Albert C

Term - Fall 2011

Enrollment:	23
Questionnaires:	19

Questions	NR	NA	Frequencies					Instructor		Course	Org	UMBC	Level	Sect
			1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
Laboratory														
2. Were you provided with adequate background information	18	0	0	0	0	0	1	5.00	****/165	****	3.28	4.19	3.75	****
Seminar														
1. Were assigned topics relevant to the announced theme	17	1	0	0	1	0	0	3.00	****/67	****	3.97	4.60	4.62	****
2. Was the instructor available for individual attention	17	0	0	0	0	1	1	4.50	****/66	****	4.41	4.55	4.62	****
3. Did research projects contribute to what you learned	17	0	0	0	0	0	2	5.00	****/62	****	4.19	4.54	4.59	****
4. Did presentations contribute to what you learned	17	0	1	0	0	0	1	3.00	****/68	****	4.09	4.59	4.62	****
5. Were criteria for grading made clear	17	0	0	0	0	0	2	5.00	****/66	****	4.07	4.20	4.26	****
Field Work														
1. Did field experience contribute to what you learned	18	0	0	0	0	0	1	5.00	****/32	****	3.78	4.36	4.44	****
2. Did you clearly understand your evaluation criteria	18	0	0	0	0	0	1	5.00	****/31	****	3.83	4.15	4.39	****
4. To what degree could you discuss your evaluations	18	0	0	0	1	0	0	3.00	****/27	****	3.38	4.23	4.32	****
Self Paced														
1. Did self-paced system contribute to what you learned	18	0	0	0	0	0	1	5.00	****/24	****	3.72	4.17	4.13	****

Student Course Evaluation Questionnaires

Course-Section:	CYBR 621 01
Title:	Cyber Warfare
Instructor:	Kinney,Albert C

Term - Fall 2011

Enrollment:	23
Questionnaires:	19

Questions	NR	NA	Frequencies					Instructor		Course	Org	UMBC	Level	Sect
			1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
Self Paced														
3. Were your contacts with the instructor helpful	18	0	0	0	0	0	1	5.00	****/22	****	3.84	4.07	4.67	****

Frequency Distribution

Credits Earned	Cum. GPA	Expected Grades	Reasons	Type	Majors				
00-27	3	0.00-0.99	1 A 7	Required for Majors	12	Graduate	7	Major	0
28-55	0	1.00-1.99	0 B 7						
56-83	0	2.00-2.99	1 C 2	General	1	Under-grad	12	Non-major	0
84-150	0	3.00-3.49	1 D 0						
Grad.	7	3.50-4.00	1 F 0	Electives	4	**** - Means there are not enough responses to be significant			
			P 0						
			I 0	Other	1				
			? 2						

Student Course Evaluation Questionnaires

Course-Section:	CYBR 623 01
Title:	Cyber Law and Policy
Instructor:	Clark,Robert W

Term - Fall 2011

Enrollment:	30
Questionnaires:	25

Questions	NR	NA	Frequencies					Instructor		Course	Org	UMBC	Level	Sect
			1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
General														
1. Did you gain new insights,skills from this course	6	0	1	0	1	2	15	4.58	517/1520	4.49	4.23	4.31	4.39	4.58
2. Did the instructor make clear the expected goals	6	0	0	1	1	2	15	4.63	401/1520	4.42	4.37	4.27	4.28	4.63
3. Did the exam questions reflect the expected goals	6	0	1	0	0	1	17	4.74	313/1291	4.47	4.32	4.33	4.38	4.74
4. Did other evaluations reflect the expected goals	6	3	1	0	1	2	12	4.50	493/1483	4.35	4.18	4.23	4.25	4.50
5. Did assigned readings contribute to what you learned	6	0	1	0	0	2	16	4.68	211/1417	4.39	4.09	4.08	4.13	4.68
6. Did written assignments contribute to what you learned	8	9	1	0	1	1	5	4.13	776/1405	3.94	4.09	4.12	4.24	4.13
7. Was the grading system clearly explained	6	0	0	1	0	1	17	4.79	165/1504	4.58	4.25	4.16	4.21	4.79
8. How many times was class cancelled	6	0	0	0	1	7	11	4.53	1108/1519	4.36	4.60	4.70	4.77	4.53
9. How would you grade the overall teaching effectiveness	10	0	0	0	0	8	7	4.47	404/1495	4.43	4.20	4.11	4.20	4.47
Lecture														
1. Were the instructor's lectures well prepared	7	0	0	0	2	3	13	4.61	696/1459	4.36	4.47	4.47	4.48	4.61
2. Did the instructor seem interested in the subject	8	0	0	0	0	1	16	4.94	326/1460	4.67	4.59	4.74	4.77	4.94
3. Was lecture material presented and explained clearly	8	0	0	0	0	2	15	4.88	184/1455	4.49	4.42	4.32	4.31	4.88
4. Did the lectures contribute to what you learned	7	0	0	0	1	0	17	4.89	223/1456	4.69	4.36	4.34	4.32	4.89
5. Did audiovisual techniques enhance your understanding	7	2	1	0	4	2	9	4.13	651/1316	3.67	4.07	4.03	3.86	4.13
Discussion														
1. Did class discussions contribute to what you learned	9	0	0	0	1	2	13	4.75	235/1243	4.59	4.35	4.17	4.23	4.75
2. Were all students actively encouraged to participate	9	0	0	0	1	1	14	4.81	262/1241	4.66	4.26	4.33	4.39	4.81
3. Did the instructor encourage fair and open discussion	9	0	0	0	1	0	15	4.88	252/1236	4.65	4.43	4.40	4.47	4.88
4. Were special techniques successful	10	10	0	1	1	0	3	4.00	****/889	3.60	4.02	4.02	4.06	****

Student Course Evaluation Questionnaires

Course-Section:	CYBR 623 01
Title:	Cyber Law and Policy
Instructor:	Clark,Robert W

Term - Fall 2011

Enrollment:	30
Questionnaires:	25

Questions	NR	NA	Frequencies					Instructor		Course	Org	UMBC	Level	Sect
			1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
Field Work														
1. Did field experience contribute to what you learned	24	0	0	0	1	0	0	3.00	****/32	****	3.78	4.36	4.44	****

Frequency Distribution

Credits Earned	Cum. GPA	Expected Grades	Reasons	Type	Majors
00-27	6	0.00-0.99	1 A 15	Required for Majors	15 Graduate 7 Major 0
28-55	0	1.00-1.99	0 B 3		
56-83	0	2.00-2.99	0 C 0	General	0 Under-grad 18 Non-major 0
84-150	0	3.00-3.49	2 D 0		
Grad.	7	3.50-4.00	7 F 0	Electives	2 **** - Means there are not enough responses to be significant
			P 0		
			I 0	Other	1
			? 7		

Student Course Evaluation Questionnaires

Course-Section:	CYBR 623 02
Title:	Cyber Law and Policy
Instructor:	Rasch,Mark D

Term - Fall 2011

Enrollment:	20
Questionnaires:	11

Questions	NR	NA	Frequencies					Instructor		Course	Org	UMBC	Level	Sect
			1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
General														
1. Did you gain new insights,skills from this course	1	0	0	0	2	2	6	4.40	755/1520	4.49	4.23	4.31	4.39	4.40
2. Did the instructor make clear the expected goals	1	0	0	0	3	2	5	4.20	940/1520	4.42	4.37	4.27	4.28	4.20
3. Did the exam questions reflect the expected goals	1	0	0	1	1	3	5	4.20	851/1291	4.47	4.32	4.33	4.38	4.20
4. Did other evaluations reflect the expected goals	1	0	0	0	3	2	5	4.20	853/1483	4.35	4.18	4.23	4.25	4.20
5. Did assigned readings contribute to what you learned	1	0	0	1	1	4	4	4.10	743/1417	4.39	4.09	4.08	4.13	4.10
6. Did written assignments contribute to what you learned	2	1	0	0	3	4	1	3.75	1071/1405	3.94	4.09	4.12	4.24	3.75
7. Was the grading system clearly explained	3	0	0	1	1	0	6	4.38	606/1504	4.58	4.25	4.16	4.21	4.38
8. How many times was class cancelled	1	0	0	0	0	8	2	4.20	1349/1519	4.36	4.60	4.70	4.77	4.20
9. How would you grade the overall teaching effectiveness	6	0	0	0	1	1	3	4.40	484/1495	4.43	4.20	4.11	4.20	4.40
Lecture														
1. Were the instructor's lectures well prepared	2	0	0	1	2	1	5	4.11	1186/1459	4.36	4.47	4.47	4.48	4.11
2. Did the instructor seem interested in the subject	1	0	0	1	1	1	7	4.40	1268/1460	4.67	4.59	4.74	4.77	4.40
3. Was lecture material presented and explained clearly	1	0	0	1	2	2	5	4.10	1028/1455	4.49	4.42	4.32	4.31	4.10
4. Did the lectures contribute to what you learned	1	0	0	0	1	3	6	4.50	683/1456	4.69	4.36	4.34	4.32	4.50
5. Did audiovisual techniques enhance your understanding	1	1	1	2	2	2	2	3.22	1166/1316	3.67	4.07	4.03	3.86	3.22
Discussion														
1. Did class discussions contribute to what you learned	4	0	0	0	1	2	4	4.43	493/1243	4.59	4.35	4.17	4.23	4.43
2. Were all students actively encouraged to participate	3	0	0	0	1	2	5	4.50	564/1241	4.66	4.26	4.33	4.39	4.50
3. Did the instructor encourage fair and open discussion	4	0	0	0	1	2	4	4.43	709/1236	4.65	4.43	4.40	4.47	4.43
4. Were special techniques successful	4	2	1	0	1	1	2	3.60	679/889	3.60	4.02	4.02	4.06	3.60

Student Course Evaluation Questionnaires

Course-Section:	CYBR 623 02
Title:	Cyber Law and Policy
Instructor:	Rasch,Mark D

Term - Fall 2011

Enrollment:	20
Questionnaires:	11

Questions	NR	NA	Frequencies					Instructor		Course	Org	UMBC	Level	Sect
			1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
Laboratory														
1. Did the lab increase understanding of the material	9	1	0	0	0	0	1	5.00	****/164	****	3.18	4.15	3.66	****
2. Were you provided with adequate background information	10	0	0	0	0	0	1	5.00	****/165	****	3.28	4.19	3.75	****
3. Were necessary materials available for lab activities	9	1	0	0	0	0	1	5.00	****/160	****	3.21	4.45	3.91	****
4. Did the lab instructor provide assistance	9	1	0	0	0	0	1	5.00	****/158	****	3.27	4.36	3.59	****
Seminar														
1. Were assigned topics relevant to the announced theme	9	1	0	0	0	0	1	5.00	****/67	****	3.97	4.60	4.62	****
2. Was the instructor available for individual attention	8	0	0	0	0	0	3	5.00	1/66	5.00	4.41	4.55	4.62	5.00
3. Did research projects contribute to what you learned	9	0	0	0	0	0	2	5.00	****/62	****	4.19	4.54	4.59	****
4. Did presentations contribute to what you learned	8	1	0	0	0	0	2	5.00	****/68	****	4.09	4.59	4.62	****
5. Were criteria for grading made clear	9	0	0	0	0	0	2	5.00	****/66	****	4.07	4.20	4.26	****
Self Paced														
1. Did self-paced system contribute to what you learned	10	0	0	0	0	1	0	4.00	****/24	****	3.72	4.17	4.13	****

Frequency Distribution

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