**Course-Section: CYBR 620 01** 

**Title: Introduction to Cybersec** 

**Instructor:** Shariati, Behnam

Term - Spring 2013

Enrollment: 21

·				Fre	quen	cies		Ins	structor	Course	Org	<b>UMBC</b>	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	9	0	0	0	0	2	9	4.82	264/1560	4.47	4.26	4.35	4.37	4.82
2. Did the instructor make clear the expected goals	10	0	0	0	0	3	7	4.70	357/1559	4.44	4.34	4.31	4.29	4.70
3. Did the exam questions reflect the expected goals	9	0	0	0	0	1	10	4.91	170/1371	4.60	4.25	4.38	4.37	4.91
4. Did other evaluations reflect the expected goals	9	0	0	0	0	3	8	4.73	284/1519	4.58	4.21	4.27	4.29	4.73
5. Did assigned readings contribute to what you learned	9	0	0	0	0	4	7	4.64	301/1452	4.43	4.18	4.18	4.23	4.64
6. Did written assignments contribute to what you learned	9	0	0	1	0	2	8	4.55	385/1430	4.30	4.12	4.16	4.28	4.55
7. Was the grading system clearly explained	9	0	0	0	0	2	9	4.82	185/1539	4.56	4.27	4.23	4.26	4.82
8. How many times was class cancelled	9	0	0	0	0	0	11	5.00	1/1560	4.56	4.65	4.64	4.72	5.00
9. How would you grade the overall teaching effectiveness	12	1	0	0	0	3	4	4.57	341/1545	4.38	4.18	4.14	4.11	4.57
Lecture														
1. Were the instructor's lectures well prepared	9	0	0	0	0	2	9	4.82	384/1496	4.61	4.45	4.49	4.47	4.82
2. Did the instructor seem interested in the subject	9	0	0	0	0	0	11	5.00	1/1498	4.97	4.62	4.75	4.76	5.00
3. Was lecture material presented and explained clearly	9	0	0	0	0	5	6	4.55	655/1496	4.54	4.42	4.37	4.29	4.55
4. Did the lectures contribute to what you learned	9	0	0	0	1	3	7	4.55	679/1494	4.45	4.31	4.37	4.31	4.55
5. Did audiovisual techniques enhance your understanding	9	1	0	1	1	0	8	4.50	353/1352	4.28	4.10	4.12	3.99	4.50
Discussion														
1. Did class discussions contribute to what you learned	9	0	0	0	1	1	9	4.73	297/1248	4.74	4.36	4.23	4.28	4.73
2. Were all students actively encouraged to participate	9	0	0	0	1	0	10	4.82	315/1250	4.75	4.43	4.39	4.49	4.82
3. Did the instructor encourage fair and open discussion	9	0	0	0	0	2	9	4.82	374/1239	4.82	4.52	4.45	4.57	4.82
4. Were special techniques successful	9	2	0	0	0	4	5	4.56	213/906	4.44	4.06	4.13	4.08	4.56

**Course-Section: CYBR 620 01** 

**Title: Introduction to Cybersec** 

**Instructor: Shariati, Behnam** 

Term - Spring 2013

**Enrollment: 21** 

				Fre	quen	cies		Ins	structor	Course	Org	<b>UMBC</b>	Level	Sect
Questions	NR	NA	1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
Laboratory														
1. Did the lab increase understanding of the material	19	0	0	0	0	1	0	4.00	****/206	****	3.81	4.25	4.17	****
2. Were you provided with adequate background information	19	0	0	0	0	0	1	5.00	****/214	****	3.75	4.31	3.86	****
4. Did the lab instructor provide assistance	19	0	0	0	0	1	0	4.00	****/207	****	3.97	4.44	3.84	****
5. Were requirements for lab reports clearly specified	19	0	0	0	0	1	0	4.00	****/199	****	3.91	4.27	4.11	****
Seminar														
1. Were assigned topics relevant to the announced theme	19	0	0	0	0	1	0	4.00	****/64	****	3.37	4.44	4.23	****
2. Was the instructor available for individual attention	19	0	0	0	0	0	1	5.00	****/58	****	3.82	4.37	4.34	****
3. Did research projects contribute to what you learned	19	0	0	0	0	0	1	5.00	****/52	****	3.64	4.41	4.37	****
4. Did presentations contribute to what you learned	19	0	0	0	0	0	1	5.00	****/66	****	3.76	4.41	4.28	****
5. Were criteria for grading made clear	19	0	0	0	0	0	1	5.00	****/63	****	3.80	4.09	4.07	****
Field Work														
1. Did field experience contribute to what you learned	19	0	0	0	0	1	0	4.00	****/29	****	3.82	4.19	3.88	****
2. Did you clearly understand your evaluation criteria	19	0	0	0	0	0	1	5.00	****/29	****	3.83	4.11	3.89	****
3. Was the instructor available for consultation	19	0	0	0	0	0	1	5.00	****/24	****	3.77	4.25	4.06	****
4. To what degree could you discuss your evaluations	19	0	0	0	1	0	0	3.00	****/26	****	3.32	3.89	3.54	****
5. Did conferences help you carry out field activities	19	0	0	0	0	1	0	4.00	****/25	****	3.61	4.01	3.69	****
Self Paced														
1. Did self-paced system contribute to what you learned	19	0	0	0	0	1	0	4.00	****/31	****	3.67	4.35	3.98	****
2. Did study questions make clear the expected goal	19	0	0	0	0	1	0	4.00	****/22	****	3.54	4.13	3.66	****

# **Student Course Evaluation Questionnaires**

Course-Section: CYBR 620 01

Title: Introduction to Cybersec

**Instructor: Shariati, Behnam** 

Term - Spring 2013

Enrollment: 21
Questionnaires: 20

				Fre	quen	cies		In	structor	Course	Org	<b>UMBC</b>	Level	Sect
Questions	NR	NA	1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
Self Paced														
3. Were your contacts with the instructor helpful	19	0	0	0	0	1	0	4.00	****/29	****	3.83	4.41	3.99	****

Credits E	arned	Cum. GP/	4	Expected	Grades	Reasons		Туре		Majors	
00-27	2	0.00-0.99	2	Α	7	Required for Majors	8	Graduate	7	Major	0
28-55	0	1.00-1.99	0	В	2						
56-83	0	2.00-2.99	0	С	1	General	0	Under-grad	13	Non-major	0
84-150	0	3.00-3.49	1	D	0						
Grad.	7	3.50-4.00	0	F	0	Electives	1	**** - Means the	re are not e	nough responses	
				Р	0			to be significant			
				1	0	Other	0				
				?	10						

**Course-Section: CYBR 620 02** 

**Title: Introduction to Cybersec** 

**Instructor: Huhn, Michael S** 

Term - Spring 2013

Enrollment: 24

·	1       0       0       1       4       3       8       4.13       1118         0       0       0       1       3       5       8       4.18       1021         0       0       0       1       3       3       10       4.29       847/         0       1       0       0       2       5       9       4.44       649/         0       1       0       1       1       5       6       4.23       727/         0       1       1       1       1       6       7       4.06       852/         0       0       1       0       2       4       10       4.29       809/         1       0       0       0       14       2       4.13       1393         5       1       0       0       1       7       3       4.18       807/         0       0       0       0       0       1       16       4.94       334/         0       0       0       0       0       1       16       4.94       334/         0       0       0       0       0					structor	Course	Org	<b>UMBC</b>	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	1	4	3	8	4.13	1118/1560	4.47	4.26	4.35	4.37	4.13
2. Did the instructor make clear the expected goals	0	0	0	1	3	5	8	4.18	1021/1559	4.44	4.34	4.31	4.29	4.18
3. Did the exam questions reflect the expected goals	0	0	0	1	3	3	10	4.29	847/1371	4.60	4.25	4.38	4.37	4.29
4. Did other evaluations reflect the expected goals	0	1	0	0	2	5	9	4.44	649/1519	4.58	4.21	4.27	4.29	4.44
5. Did assigned readings contribute to what you learned	0	4	0	1	1	5	6	4.23	727/1452	4.43	4.18	4.18	4.23	4.23
6. Did written assignments contribute to what you learned	0	1	1	1	1	6	7	4.06	852/1430	4.30	4.12	4.16	4.28	4.06
7. Was the grading system clearly explained	0	0	1	0	2	4	10	4.29	809/1539	4.56	4.27	4.23	4.26	4.29
8. How many times was class cancelled	1	0	0	0	0	14	2	4.13	1393/1560	4.56	4.65	4.64	4.72	4.13
9. How would you grade the overall teaching effectiveness	5	1	0	0	1	7	3	4.18	807/1545	4.38	4.18	4.14	4.11	4.18
Lecture														
1. Were the instructor's lectures well prepared	0	0	0	0	2	6	9	4.41	995/1496	4.61	4.45	4.49	4.47	4.41
2. Did the instructor seem interested in the subject	0	0	0	0	0	1	16	4.94	334/1498	4.97	4.62	4.75	4.76	4.94
3. Was lecture material presented and explained clearly	0	0	0	1	0	5	11	4.53	677/1496	4.54	4.42	4.37	4.29	4.53
4. Did the lectures contribute to what you learned	0	0	1	0	1	5	10	4.35	901/1494	4.45	4.31	4.37	4.31	4.35
5. Did audiovisual techniques enhance your understanding	1	0	1	1	3	2	9	4.06	793/1352	4.28	4.10	4.12	3.99	4.06
Discussion														
1. Did class discussions contribute to what you learned	1	0	0	0	1	2	13	4.75	271/1248	4.74	4.36	4.23	4.28	4.75
2. Were all students actively encouraged to participate	1	0	0	0	0	5	11	4.69	458/1250	4.75	4.43	4.39	4.49	4.69
3. Did the instructor encourage fair and open discussion	1	0	0	0	1	1	14	4.81	374/1239	4.82	4.52	4.45	4.57	4.81
4. Were special techniques successful	1	10	1	0	0	0	5	4.33	360/906	4.44	4.06	4.13	4.08	4.33

**Course-Section: CYBR 620 02** 

**Title: Introduction to Cybersec** 

**Instructor: Huhn, Michael S** 

Term - Spring 2013

Enrollment: 24

		0     0     0     1     0       0     0     0     1     0       0     0     0     1     0       0     0     0     1     0						Ins	structor	Course	Org	<b>UMBC</b>	Level	Sect
Questions	NR	NA	1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
Laboratory														
2. Were you provided with adequate background information	16	0	0	0	1	0	0	3.00	****/214	****	3.75	4.31	3.86	****
3. Were necessary materials available for lab activities	16	0	0	0	1	0	0	3.00	****/204	****	3.89	4.52	4.15	****
4. Did the lab instructor provide assistance	16	0	0	0	1	0	0	3.00	****/207	****	3.97	4.44	3.84	****
5. Were requirements for lab reports clearly specified	16	0	0	0	1	0	0	3.00	****/199	****	3.91	4.27	4.11	****
Seminar														
1. Were assigned topics relevant to the announced theme	16	0	0	0	0	0	1	5.00	****/64	****	3.37	4.44	4.23	****
2. Was the instructor available for individual attention	16	0	0	0	0	0	1	5.00	****/58	****	3.82	4.37	4.34	****
3. Did research projects contribute to what you learned	16	0	0	0	0	0	1	5.00	****/52	****	3.64	4.41	4.37	****
4. Did presentations contribute to what you learned	16	0	0	0	0	0	1	5.00	****/66	****	3.76	4.41	4.28	****
5. Were criteria for grading made clear	16	0	0	0	0	0	1	5.00	****/63	****	3.80	4.09	4.07	****
Field Work														
1. Did field experience contribute to what you learned	16	0	0	0	0	0	1	5.00	****/29	****	3.82	4.19	3.88	****
2. Did you clearly understand your evaluation criteria	16	0	0	0	0	0	1	5.00	****/29	****	3.83	4.11	3.89	****
3. Was the instructor available for consultation	16	0	0	0	0	0	1	5.00	****/24	****	3.77	4.25	4.06	****
4. To what degree could you discuss your evaluations	16	0	0	0	0	0	1	5.00	****/26	****	3.32	3.89	3.54	****
5. Did conferences help you carry out field activities	16	0	0	0	0	0	1	5.00	****/25	****	3.61	4.01	3.69	****
Self Paced														
1. Did self-paced system contribute to what you learned	16	0	0	0	0	0	1	5.00	****/31	****	3.67	4.35	3.98	****
2. Did study questions make clear the expected goal	16	0	0	0	0	0	1	5.00	****/22	****	3.54	4.13	3.66	****
3. Were your contacts with the instructor helpful	16	0	0	0	0	0	1	5.00	****/29	****	3.83	4.41	3.99	****
4. Was the feedback/tutoring by proctors helpful	16	0	0	0	0	0	1	5.00	****/14	****	3.69	4.03	3.29	****

# **Student Course Evaluation Questionnaires**

Course-Section: CYBR 620 02

Title: Introduction to Cybersec

**Instructor: Huhn, Michael S** 

Term - Spring 2013

Enrollment: 24

Questionnaires: 17

				Fre	quen	cies		In	structor	Course	Org	UMBC	Level	Sect
Questions	NR	NA	1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
Self Paced														
5. Were there enough proctors for all the students	16	0	0	0	0	0	1	5.00	****/10	****	3.78	3.94	3.32	****

Credits E	arned	Cum. GP/	4	Expected	l Grades	Reasons		Туре		Majors	
00-27	4	0.00-0.99	1	Α	12	Required for Majors	9	Graduate	8	Major	0
28-55	0	1.00-1.99	0	В	1						
56-83	0	2.00-2.99	0	С	1	General	0	Under-grad	9	Non-major	0
84-150	0	3.00-3.49	0	D	0						
Grad.	8	3.50-4.00	2	F	0	Electives	4	**** - Means the	e are not e	nough responses	
				Р	0			to be significant			
				I	0	Other	1				
				?	3						

**Course-Section: CYBR 621 01** 

**Title: Cyber Warfare** 

**Instructor:** Waddell, William

Term - Spring 2013

Enrollment: 26

·	8       0       1       0       0       8       6       4.20       1047         8       0       0       0       1       6       8       4.47       686/         8       0       0       0       1       4       10       4.60       513/         8       0       0       0       2       4       9       4.47       606/         9       0       0       1       0       4       9       4.50       433/         8       0       0       0       1       5       9       4.53       395/         9       0       0       0       0       2       12       4.86       153/         8       0       0       0       0       15       5.00       1/1         10       0       0       1       0       1       11       4.69       226/					structor	Course	Org	<b>UMBC</b>	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	8	0	1	0	0	8	6	4.20	1047/1560	4.20	4.26	4.35	4.37	4.20
2. Did the instructor make clear the expected goals	8	0	0	0	1	6	8	4.47	686/1559	4.47	4.34	4.31	4.29	4.47
3. Did the exam questions reflect the expected goals	8	0	0	0	1	4	10	4.60	513/1371	4.60	4.25	4.38	4.37	4.60
4. Did other evaluations reflect the expected goals	8	0	0	0	2	4	9	4.47	606/1519	4.47	4.21	4.27	4.29	4.47
5. Did assigned readings contribute to what you learned	9	0	0	1	0	4	9	4.50	433/1452	4.50	4.18	4.18	4.23	4.50
6. Did written assignments contribute to what you learned	8	0	0	0	1	5	9	4.53	395/1430	4.53	4.12	4.16	4.28	4.53
7. Was the grading system clearly explained	9	0	0	0	0	2	12	4.86	153/1539	4.86	4.27	4.23	4.26	4.86
8. How many times was class cancelled	8	0	0	0	0	0	15	5.00	1/1560	5.00	4.65	4.64	4.72	5.00
9. How would you grade the overall teaching effectiveness	10	0	0	1	0	1	11	4.69	226/1545	4.69	4.18	4.14	4.11	4.69
Lecture														
1. Were the instructor's lectures well prepared	9	0	0	0	1	5	8	4.50	871/1496	4.50	4.45	4.49	4.47	4.50
2. Did the instructor seem interested in the subject	8	0	0	0	0	2	13	4.87	674/1498	4.87	4.62	4.75	4.76	4.87
3. Was lecture material presented and explained clearly	8	0	0	0	0	5	10	4.67	504/1496	4.67	4.42	4.37	4.29	4.67
4. Did the lectures contribute to what you learned	7	0	0	0	1	5	10	4.56	655/1494	4.56	4.31	4.37	4.31	4.56
5. Did audiovisual techniques enhance your understanding	8	0	1	1	3	3	7	3.93	904/1352	3.93	4.10	4.12	3.99	3.93
Discussion														
1. Did class discussions contribute to what you learned	12	0	0	0	0	4	7	4.64	373/1248	4.64	4.36	4.23	4.28	4.64
2. Were all students actively encouraged to participate	11	0	0	0	1	3	8	4.58	556/1250	4.58	4.43	4.39	4.49	4.58
3. Did the instructor encourage fair and open discussion	11	0	0	0	0	2	10	4.83	347/1239	4.83	4.52	4.45	4.57	4.83
4. Were special techniques successful	11	2	1	0	1	2	6	4.20	426/906	4.20	4.06	4.13	4.08	4.20

**Course-Section: CYBR 621 01** 

**Title: Cyber Warfare** 

**Instructor:** Waddell, William

Term - Spring 2013

Enrollment: 26

				Fre	quen	cies		Ins	structor	Course	Org	<b>UMBC</b>	Level	Sect
Questions	NR	NA	1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
Laboratory														
1. Did the lab increase understanding of the material	22	0	0	0	0	0	1	5.00	****/206	****	3.81	4.25	4.17	****
2. Were you provided with adequate background information	22	0	0	0	0	0	1	5.00	****/214	****	3.75	4.31	3.86	****
3. Were necessary materials available for lab activities	22	0	0	0	0	0	1	5.00	****/204	****	3.89	4.52	4.15	****
4. Did the lab instructor provide assistance	22	0	0	0	0	0	1	5.00	****/207	****	3.97	4.44	3.84	****
5. Were requirements for lab reports clearly specified	22	0	0	0	0	0	1	5.00	****/199	****	3.91	4.27	4.11	****
Seminar														
1. Were assigned topics relevant to the announced theme	22	0	0	0	0	0	1	5.00	****/64	****	3.37	4.44	4.23	****
2. Was the instructor available for individual attention	22	0	0	0	0	0	1	5.00	****/58	****	3.82	4.37	4.34	****
3. Did research projects contribute to what you learned	22	0	0	0	0	0	1	5.00	****/52	****	3.64	4.41	4.37	****
4. Did presentations contribute to what you learned	22	0	0	0	0	0	1	5.00	****/66	****	3.76	4.41	4.28	****
5. Were criteria for grading made clear	22	0	0	0	0	0	1	5.00	****/63	****	3.80	4.09	4.07	****
Field Work														
1. Did field experience contribute to what you learned	22	0	0	0	0	0	1	5.00	****/29	****	3.82	4.19	3.88	****
3. Was the instructor available for consultation	22	0	0	0	0	0	1	5.00	****/24	****	3.77	4.25	4.06	****

# **Student Course Evaluation Questionnaires**

Course-Section: CYBR 621 01

Title: Cyber Warfare

Instructor: Waddell, William

Term - Spring 2013

Enrollment: 26
Questionnaires: 23

				Fre	quen	cies		In	structor	Course	Org	<b>UMBC</b>	Level	Sect
Questions	NR	NA	1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
Field Work														
4. To what degree could you discuss your evaluations	22	0	0	0	0	0	1	5.00	****/26	****	3.32	3.89	3.54	****

Credits Ea	arned	Cum. GPA	4	Expected	Grades	Reasons		Туре		Majors	
00-27	2	0.00-0.99	0	Α	12	Required for Majors	10	Graduate	9	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	14	Non-major	0
84-150	0	3.00-3.49	0	D	0						
Grad.	9	3.50-4.00	6	F	0	Electives	3	**** - Means the	re are not e	nough responses	
				Р	0			to be significant			
				1	0	Other	0				
				?	10						

**Course-Section: CYBR 622 01** 

**Title: Global Cyber Trends** 

**Instructor: Pickard, William** 

Term - Spring 2013

Enrollment: 12

				Fre	quen	cies		Ins	structor	Course	Org	<b>UMBC</b>	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	2	7	4.60	542/1560	4.55	4.26	4.35	4.37	4.60
2. Did the instructor make clear the expected goals	2	0	0	0	2	2	6	4.40	775/1559	4.50	4.34	4.31	4.29	4.40
3. Did the exam questions reflect the expected goals	2	1	0	0	0	2	7	4.78	301/1371	4.64	4.25	4.38	4.37	4.78
4. Did other evaluations reflect the expected goals	2	1	0	0	1	2	6	4.56	492/1519	4.58	4.21	4.27	4.29	4.56
5. Did assigned readings contribute to what you learned	2	0	0	0	0	3	7	4.70	234/1452	4.45	4.18	4.18	4.23	4.70
6. Did written assignments contribute to what you learned	2	0	0	0	0	2	8	4.80	143/1430	4.73	4.12	4.16	4.28	4.80
7. Was the grading system clearly explained	2	0	0	1	1	3	5	4.20	913/1539	4.40	4.27	4.23	4.26	4.20
8. How many times was class cancelled	2	0	0	0	0	0	10	5.00	1/1560	5.00	4.65	4.64	4.72	5.00
9. How would you grade the overall teaching effectiveness	3	0	0	0	1	5	3	4.22	766/1545	4.17	4.18	4.14	4.11	4.22
Lecture														
1. Were the instructor's lectures well prepared	3	0	0	0	2	3	4	4.22	1168/1496	4.36	4.45	4.49	4.47	4.22
2. Did the instructor seem interested in the subject	2	0	0	0	0	1	9	4.90	556/1498	4.85	4.62	4.75	4.76	4.90
3. Was lecture material presented and explained clearly	3	0	0	0	1	2	6	4.56	644/1496	4.63	4.42	4.37	4.29	4.56
4. Did the lectures contribute to what you learned	2	0	0	0	0	4	6	4.60	609/1494	4.57	4.31	4.37	4.31	4.60
5. Did audiovisual techniques enhance your understanding	2	3	1	1	2	0	3	3.43	1193/1352	3.77	4.10	4.12	3.99	3.43
Discussion														
1. Did class discussions contribute to what you learned	2	0	0	0	0	3	7	4.70	315/1248	4.70	4.36	4.23	4.28	4.70
2. Were all students actively encouraged to participate	2	0	0	0	0	1	9	4.90	225/1250	4.75	4.43	4.39	4.49	4.90
3. Did the instructor encourage fair and open discussion	2	0	0	0	0	1	9	4.90	252/1239	4.80	4.52	4.45	4.57	4.90

# **Student Course Evaluation Questionnaires**

Course-Section: CYBR 622 01

Title: Global Cyber Trends

Instructor: Pickard, William

Term - Spring 2013

Enrollment: 12

Questionnaires: 12

				Fre	quen	cies		In	structor	Course	Org	<b>UMBC</b>	Level	Sect
Questions	NR	NA	1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
Discussion														
4. Were special techniques successful	2	3	1	1	1	1	3	3.57	752/906	3.95	4.06	4.13	4.08	3.57

Credits E	arned	Cum. GP	4	Expected	Grades	Reasons		Туре		Majors	
00-27	5	0.00-0.99	0	Α	7	Required for Majors	9	Graduate	4	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	8	Non-major	0
84-150	0	3.00-3.49	1	D	0						
Grad.	4	3.50-4.00	3	F	0	Electives	0	**** - Means ther	e are not e	nough responses	
				Р	0			to be significant			
				I	0	Other	0				
				?	3						

**Course-Section: CYBR 622 02** 

**Title: Global Cyber Trends** 

**Instructor:** Waddell, William

Term - Spring 2013

**Enrollment: 25** 

				Fre	quen	cies		Ins	structor	Course	Org	<b>UMBC</b>	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	13	0	0	0	2	1	7	4.50	664/1560	4.55	4.26	4.35	4.37	4.50
2. Did the instructor make clear the expected goals	13	0	0	0	2	0	8	4.60	495/1559	4.50	4.34	4.31	4.29	4.60
3. Did the exam questions reflect the expected goals	13	0	0	1	0	2	7	4.50	634/1371	4.64	4.25	4.38	4.37	4.50
4. Did other evaluations reflect the expected goals	13	0	0	0	1	2	7	4.60	435/1519	4.58	4.21	4.27	4.29	4.60
5. Did assigned readings contribute to what you learned	13	0	1	0	1	2	6	4.20	761/1452	4.45	4.18	4.18	4.23	4.20
6. Did written assignments contribute to what you learned	14	0	0	0	0	3	6	4.67	266/1430	4.73	4.12	4.16	4.28	4.67
7. Was the grading system clearly explained	13	0	0	1	0	1	8	4.60	435/1539	4.40	4.27	4.23	4.26	4.60
8. How many times was class cancelled	13	0	0	0	0	0	10	5.00	1/1560	5.00	4.65	4.64	4.72	5.00
9. How would you grade the overall teaching effectiveness	14	0	0	0	2	4	3	4.11	876/1545	4.17	4.18	4.14	4.11	4.11
Lecture														
1. Were the instructor's lectures well prepared	13	0	0	0	2	1	7	4.50	871/1496	4.36	4.45	4.49	4.47	4.50
2. Did the instructor seem interested in the subject	13	0	0	0	0	2	8	4.80	852/1498	4.85	4.62	4.75	4.76	4.80
3. Was lecture material presented and explained clearly	13	0	0	0	1	1	8	4.70	448/1496	4.63	4.42	4.37	4.29	4.70
4. Did the lectures contribute to what you learned	12	0	0	0	2	1	8	4.55	679/1494	4.57	4.31	4.37	4.31	4.55
5. Did audiovisual techniques enhance your understanding	14	0	0	1	2	1	5	4.11	763/1352	3.77	4.10	4.12	3.99	4.11
Discussion														
1. Did class discussions contribute to what you learned	13	0	0	0	0	3	7	4.70	315/1248	4.70	4.36	4.23	4.28	4.70
2. Were all students actively encouraged to participate	13	0	0	0	1	2	7	4.60	542/1250	4.75	4.43	4.39	4.49	4.60
3. Did the instructor encourage fair and open discussion	13	0	0	0	0	3	7	4.70	528/1239	4.80	4.52	4.45	4.57	4.70
4. Were special techniques successful	13	1	0	0	1	4	4	4.33	360/906	3.95	4.06	4.13	4.08	4.33

**Course-Section: CYBR 622 02** 

**Title: Global Cyber Trends** 

**Instructor:** Waddell, William

Term - Spring 2013

**Enrollment: 25** 

**Questionnaires: 23** 

				Fre	quen	cies		Ins	structor	Course	Org	<b>UMBC</b>	Level	Sect
Questions	NR	NA	1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
Laboratory														
1. Did the lab increase understanding of the material	22	0	0	0	0	0	1	5.00	****/206	****	3.81	4.25	4.17	****
2. Were you provided with adequate background information	22	0	0	0	0	0	1	5.00	****/214	****	3.75	4.31	3.86	****
3. Were necessary materials available for lab activities	22	0	0	0	0	0	1	5.00	****/204	****	3.89	4.52	4.15	****
4. Did the lab instructor provide assistance	22	0	0	0	0	0	1	5.00	****/207	****	3.97	4.44	3.84	****
5. Were requirements for lab reports clearly specified	22	0	0	0	0	0	1	5.00	****/199	****	3.91	4.27	4.11	****
Seminar														
1. Were assigned topics relevant to the announced theme	22	0	0	0	0	0	1	5.00	****/64	****	3.37	4.44	4.23	****
2. Was the instructor available for individual attention	22	0	0	0	0	0	1	5.00	****/58	****	3.82	4.37	4.34	****
3. Did research projects contribute to what you learned	22	0	0	0	0	0	1	5.00	****/52	****	3.64	4.41	4.37	****
4. Did presentations contribute to what you learned	22	0	0	0	0	0	1	5.00	****/66	****	3.76	4.41	4.28	****
5. Were criteria for grading made clear	22	0	0	0	0	0	1	5.00	****/63	****	3.80	4.09	4.07	****
Field Work														
1. Did field experience contribute to what you learned	22	0	1	0	0	0	0	1.00	****/29	****	3.82	4.19	3.88	****
2. Did you clearly understand your evaluation criteria	22	0	0	0	0	0	1	5.00	****/29	****	3.83	4.11	3.89	****
4. To what degree could you discuss your evaluations	22	0	0	0	0	1	0	4.00	****/26	****	3.32	3.89	3.54	****
5. Did conferences help you carry out field activities	22	0	0	0	0	0	1	5.00	****/25	****	3.61	4.01	3.69	****
Self Paced														
1. Did self-paced system contribute to what you learned	22	0	0	0	0	1	0	4.00	****/31	****	3.67	4.35	3.98	****
2. Did study questions make clear the expected goal	22	0	0	0	0	1	0	4.00	****/22	****	3.54	4.13	3.66	****
3. Were your contacts with the instructor helpful	22	0	0	0	1	0	0	3.00	****/29	****	3.83	4.41	3.99	****
4. Was the feedback/tutoring by proctors helpful	22	0	0	0	0	0	1	5.00	****/14	****	3.69	4.03	3.29	****

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# **Student Course Evaluation Questionnaires**

Course-Section: CYBR 622 02

Title: Global Cyber Trends

Instructor: Waddell, William

Term - Spring 2013

Enrollment: 25

Questionnaires: 23

				Fre	quen	cies		In	structor	Course	Org	UMBC	Level	Sect
Questions	NR	NA	1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
Self Paced														
5. Were there enough proctors for all the students	22	0	0	0	0	0	1	5.00	****/10	****	3.78	3.94	3.32	****

Credits E	arned	Cum. GP/	4	Expected	Grades	Reasons		Туре		Majors	
00-27	4	0.00-0.99	0	Α	8	Required for Majors	7	Graduate	4	Major	0
28-55	0	1.00-1.99	0	В	3						
56-83	0	2.00-2.99	0	С	0	General	0	Under-grad	19	Non-major	0
84-150	0	3.00-3.49	1	D	0						
Grad.	4	3.50-4.00	4	F	0	Electives	2	**** - Means the	re are not e	nough responses	
				Р	0			to be significant			
				I	0	Other	1				
				?	12						

**Course-Section: CYBR 623 01** 

Title: Cyber Law and Policy

**Instructor:** Clark, Robert W

Term - Spring 2013

**Enrollment: 23** 

				Fre	quen	cies		In	structor	Course	Org	<b>UMBC</b>	Level	Sect
Questions	NR	NA	1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
General														
1. Did you gain new insights, skills from this course	3	0	0	0	0	0	7	5.00	1/1560	4.63	4.26	4.35	4.37	5.00
2. Did the instructor make clear the expected goals	4	0	0	0	1	0	5	4.67	412/1559	4.40	4.34	4.31	4.29	4.67
3. Did the exam questions reflect the expected goals	3	0	0	0	0	1	6	4.86	215/1371	4.68	4.25	4.38	4.37	4.86
4. Did other evaluations reflect the expected goals	3	0	0	0	1	1	5	4.57	469/1519	4.60	4.21	4.27	4.29	4.57
5. Did assigned readings contribute to what you learned	3	0	0	0	0	1	6	4.86	134/1452	4.74	4.18	4.18	4.23	4.86
6. Did written assignments contribute to what you learned	4	1	0	0	1	0	4	4.60	323/1430	4.55	4.12	4.16	4.28	4.60
7. Was the grading system clearly explained	3	0	0	0	0	1	6	4.86	153/1539	4.74	4.27	4.23	4.26	4.86
8. How many times was class cancelled	4	0	0	0	0	6	0	4.00	1445/1560	4.13	4.65	4.64	4.72	4.00
9. How would you grade the overall teaching effectiveness	4	0	0	0	0	3	3	4.50	406/1545	4.38	4.18	4.14	4.11	4.50
Lecture														
1. Were the instructor's lectures well prepared	3	0	0	0	1	0	6	4.71	559/1496	4.64	4.45	4.49	4.47	4.71
2. Did the instructor seem interested in the subject	3	0	0	0	0	1	6	4.86	704/1498	4.57	4.62	4.75	4.76	4.86
3. Was lecture material presented and explained clearly	3	0	0	0	1	1	5	4.57	621/1496	4.36	4.42	4.37	4.29	4.57
4. Did the lectures contribute to what you learned	3	0	0	0	0	1	6	4.86	261/1494	4.50	4.31	4.37	4.31	4.86
5. Did audiovisual techniques enhance your understanding	3	0	0	0	1	3	3	4.29	599/1352	3.81	4.10	4.12	3.99	4.29
Discussion														
1. Did class discussions contribute to what you learned	4	0	0	0	0	2	4	4.67	348/1248	4.50	4.36	4.23	4.28	4.67
2. Were all students actively encouraged to participate	4	0	0	0	0	0	6	5.00	1/1250	4.42	4.43	4.39	4.49	5.00
3. Did the instructor encourage fair and open discussion	4	0	0	0	0	0	6	5.00	1/1239	4.83	4.52	4.45	4.57	5.00
4. Were special techniques successful	4	5	0	0	0	0	1	5.00	****/906	3.50	4.06	4.13	4.08	****

**Course-Section: CYBR 623 01** 

**Title: Cyber Law and Policy** 

**Instructor: Clark, Robert W** 

Term - Spring 2013

**Enrollment: 23** 

				Fre	quen	cies		Ins	structor	Course	Org	<b>UMBC</b>	Level	Sect
Questions	NR	NA	1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
Laboratory														
1. Did the lab increase understanding of the material	9	0	0	0	0	0	1	5.00	****/206	****	3.81	4.25	4.17	****
2. Were you provided with adequate background information	9	0	0	0	0	0	1	5.00	****/214	****	3.75	4.31	3.86	****
3. Were necessary materials available for lab activities	9	0	0	0	0	0	1	5.00	****/204	****	3.89	4.52	4.15	****
4. Did the lab instructor provide assistance	9	0	0	0	0	0	1	5.00	****/207	****	3.97	4.44	3.84	****
5. Were requirements for lab reports clearly specified	9	0	0	0	0	0	1	5.00	****/199	****	3.91	4.27	4.11	****
Seminar														
1. Were assigned topics relevant to the announced theme	8	0	0	0	0	1	1	4.50	****/64	****	3.37	4.44	4.23	****
2. Was the instructor available for individual attention	8	1	0	0	0	0	1	5.00	****/58	****	3.82	4.37	4.34	****
3. Did research projects contribute to what you learned	8	1	0	0	0	0	1	5.00	****/52	****	3.64	4.41	4.37	****
4. Did presentations contribute to what you learned	8	0	0	0	0	0	2	5.00	****/66	****	3.76	4.41	4.28	****
5. Were criteria for grading made clear	8	0	0	0	0	1	1	4.50	****/63	****	3.80	4.09	4.07	****
Field Work														
1. Did field experience contribute to what you learned	9	0	0	0	0	0	1	5.00	****/29	****	3.82	4.19	3.88	****
3. Was the instructor available for consultation	9	0	0	0	0	0	1	5.00	****/24	****	3.77	4.25	4.06	****
4. To what degree could you discuss your evaluations	9	0	0	0	0	0	1	5.00	****/26	****	3.32	3.89	3.54	****
5. Did conferences help you carry out field activities	9	0	0	0	0	0	1	5.00	****/25	****	3.61	4.01	3.69	****
Self Paced														
1. Did self-paced system contribute to what you learned	9	0	0	0	0	0	1	5.00	****/31	****	3.67	4.35	3.98	****
2. Did study questions make clear the expected goal	9	0	0	0	0	0	1	5.00	****/22	****	3.54	4.13	3.66	****
3. Were your contacts with the instructor helpful	9	0	0	0	0	0	1	5.00	****/29	****	3.83	4.41	3.99	****
4. Was the feedback/tutoring by proctors helpful	9	0	0	0	0	0	1	5.00	****/14	****	3.69	4.03	3.29	****

# **Student Course Evaluation Questionnaires**

Course-Section: CYBR 623 01

Title: Cyber Law and Policy

**Instructor:** Clark, Robert W

Term - Spring 2013

Enrollment: 23
Questionnaires: 10

				Fre	quen	cies		Ins	structor	Course	Org	<b>UMBC</b>	Level	Sect
Questions	NR	NA	1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
Self Paced														
5. Were there enough proctors for all the students	9	0	0	0	0	0	1	5.00	****/10	****	3.78	3.94	3.32	****

Credits E	arned	Cum. GP	4	Expected	Grades	Reasons		Туре		Majors	
00-27	0	0.00-0.99	0	Α	5	Required for Majors	6	Graduate	3	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	7	Non-major	0
84-150	0	3.00-3.49	0	D	0						
Grad.	3	3.50-4.00	4	F	0	Electives	0	**** - Means ther	re are not e	nough responses	
				Р	0			to be significant			
				I	0	Other	0				
				?	4						

**Course-Section: CYBR 623 02** 

**Title: Cyber Law and Policy** 

**Instructor:** Owen, Cathleen R

Term - Spring 2013

Enrollment: 10

				Fre	quen	cies		In	structor	Course	Org	<b>UMBC</b>	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	1	0	3	4	4.25	983/1560	4.63	4.26	4.35	4.37	4.25
2. Did the instructor make clear the expected goals	1	0	0	0	3	1	4	4.13	1068/1559	4.40	4.34	4.31	4.29	4.13
3. Did the exam questions reflect the expected goals	1	0	0	0	1	2	5	4.50	634/1371	4.68	4.25	4.38	4.37	4.50
4. Did other evaluations reflect the expected goals	1	0	0	0	0	3	5	4.63	408/1519	4.60	4.21	4.27	4.29	4.63
5. Did assigned readings contribute to what you learned	1	0	0	0	0	3	5	4.63	310/1452	4.74	4.18	4.18	4.23	4.63
6. Did written assignments contribute to what you learned	1	0	0	0	1	2	5	4.50	427/1430	4.55	4.12	4.16	4.28	4.50
7. Was the grading system clearly explained	1	0	0	0	1	1	6	4.63	406/1539	4.74	4.27	4.23	4.26	4.63
8. How many times was class cancelled	1	0	0	0	0	6	2	4.25	1295/1560	4.13	4.65	4.64	4.72	4.25
9. How would you grade the overall teaching effectiveness	5	0	0	0	1	1	2	4.25	733/1545	4.38	4.18	4.14	4.11	4.25
Lecture														
1. Were the instructor's lectures well prepared	2	0	0	0	1	1	5	4.57	782/1496	4.64	4.45	4.49	4.47	4.57
2. Did the instructor seem interested in the subject	2	0	0	1	1	0	5	4.29	1378/1498	4.57	4.62	4.75	4.76	4.29
3. Was lecture material presented and explained clearly	2	0	0	0	3	0	4	4.14	1087/1496	4.36	4.42	4.37	4.29	4.14
4. Did the lectures contribute to what you learned	2	0	0	1	1	1	4	4.14	1076/1494	4.50	4.31	4.37	4.31	4.14
5. Did audiovisual techniques enhance your understanding	3	0	2	0	1	0	3	3.33	1224/1352	3.81	4.10	4.12	3.99	3.33
Discussion														
1. Did class discussions contribute to what you learned	3	0	0	0	2	0	4	4.33	618/1248	4.50	4.36	4.23	4.28	4.33
2. Were all students actively encouraged to participate	3	0	1	0	1	1	3	3.83	1057/1250	4.42	4.43	4.39	4.49	3.83
3. Did the instructor encourage fair and open discussion	3	0	0	0	0	2	4	4.67	563/1239	4.83	4.52	4.45	4.57	4.67
4. Were special techniques successful	3	2	0	1	1	1	1	3.50	778/906	3.50	4.06	4.13	4.08	3.50

# **Student Course Evaluation Questionnaires**

**Course-Section: CYBR 623 02** 

Title: Cyber Law and Policy

**Instructor:** Owen, Cathleen R

Term - Spring 2013

Enrollment: 10

Questionnaires: 9

				Fre	quen	cies		Ins	structor	Course	Org	<b>UMBC</b>	Level	Sect
Questions	NR	NA	1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
Laboratory														
2. Were you provided with adequate background information	8	0	0	0	0	0	1	5.00	****/214	****	3.75	4.31	3.86	****
Self Paced														
1. Did self-paced system contribute to what you learned	8	0	0	0	0	1	0	4.00	****/31	****	3.67	4.35	3.98	****
2. Did study questions make clear the expected goal	8	0	0	0	0	1	0	4.00	****/22	****	3.54	4.13	3.66	****
3. Were your contacts with the instructor helpful	8	0	0	0	1	0	0	3.00	****/29	****	3.83	4.41	3.99	****
5. Were there enough proctors for all the students	8	0	0	0	0	0	1	5.00	****/10	****	3.78	3.94	3.32	****

Credits E	arned	Cum. GP/	4	Expected	Grades	Reasons		Туре		Majors	
00-27	4	0.00-0.99	2	Α	6	Required for Majors	7	Graduate	2	Major	0
28-55	0	1.00-1.99	0	В	1						
56-83	0	2.00-2.99	0	С	0	General	0	Under-grad	7	Non-major	0
84-150	0	3.00-3.49	2	D	0						
Grad.	2	3.50-4.00	1	F	0	Electives	0	**** - Means ther	e are not e	nough responses	
				Р	0			to be significant			
				I	0	Other	0				
				?	2						

**Course-Section: CYBR 624 01** 

**Title: Cybersecurity Project** 

**Instructor:** Forno, Richard

Term - Spring 2013

**Enrollment: 8** 

				Fre	quen	cies		Ins	structor	Course	Org	<b>UMBC</b>	Level	Sect
Questions	NR	NA	1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
General														
1. Did you gain new insights, skills from this course	1	0	0	0	2	2	3	4.14	1100/1560	4.14	4.26	4.35	4.37	4.14
2. Did the instructor make clear the expected goals	1	0	0	0	2	0	5	4.43	745/1559	4.43	4.34	4.31	4.29	4.43
3. Did the exam questions reflect the expected goals	1	4	0	0	0	1	2	4.67	442/1371	4.67	4.25	4.38	4.37	4.67
4. Did other evaluations reflect the expected goals	1	2	0	0	1	2	2	4.20	917/1519	4.20	4.21	4.27	4.29	4.20
5. Did assigned readings contribute to what you learned	1	5	0	0	0	0	2	5.00	1/1452	5.00	4.18	4.18	4.23	5.00
6. Did written assignments contribute to what you learned	1	2	0	0	0	0	5	5.00	1/1430	5.00	4.12	4.16	4.28	5.00
7. Was the grading system clearly explained	1	0	0	0	1	2	4	4.43	649/1539	4.43	4.27	4.23	4.26	4.43
8. How many times was class cancelled	1	0	0	0	0	0	7	5.00	1/1560	5.00	4.65	4.64	4.72	5.00
9. How would you grade the overall teaching effectiveness	2	1	0	0	0	1	4	4.80	143/1545	4.80	4.18	4.14	4.11	4.80
Lecture														
1. Were the instructor's lectures well prepared	2	0	0	0	0	2	4	4.67	643/1496	4.67	4.45	4.49	4.47	4.67
2. Did the instructor seem interested in the subject	2	0	0	0	0	1	5	4.83	763/1498	4.83	4.62	4.75	4.76	4.83
3. Was lecture material presented and explained clearly	2	0	0	1	0	1	4	4.33	911/1496	4.33	4.42	4.37	4.29	4.33
4. Did the lectures contribute to what you learned	2	0	1	0	0	1	4	4.17	1062/1494	4.17	4.31	4.37	4.31	4.17
5. Did audiovisual techniques enhance your understanding	3	0	1	0	1	1	2	3.60	1121/1352	3.60	4.10	4.12	3.99	3.60
Discussion														
1. Did class discussions contribute to what you learned	3	0	0	0	0	1	4	4.80	227/1248	4.80	4.36	4.23	4.28	4.80
2. Were all students actively encouraged to participate	3	0	0	0	0	2	3	4.60	542/1250	4.60	4.43	4.39	4.49	4.60
3. Did the instructor encourage fair and open discussion	3	0	0	0	0	1	4	4.80	388/1239	4.80	4.52	4.45	4.57	4.80
4. Were special techniques successful	3	1	0	0	0	2	2	4.50	239/906	4.50	4.06	4.13	4.08	4.50

# **Student Course Evaluation Questionnaires**

**Course-Section: CYBR 624 01** 

**Title: Cybersecurity Project** 

**Instructor:** Forno, Richard

Term - Spring 2013

Enrollment: 8

Questionnaires: 8

				Fre	quen	cies		Ins	structor	Course	Org	<b>UMBC</b>	Level	Sect
Questions	NR	NA	1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
Self Paced														
1. Did self-paced system contribute to what you learned	7	0	0	0	0	0	1	5.00	****/31	****	3.67	4.35	3.98	****
2. Did study questions make clear the expected goal	7	0	0	0	0	1	0	4.00	****/22	****	3.54	4.13	3.66	****
3. Were your contacts with the instructor helpful	7	0	0	0	0	1	0	4.00	****/29	****	3.83	4.41	3.99	****
4. Was the feedback/tutoring by proctors helpful	7	0	0	0	0	1	0	4.00	****/14	****	3.69	4.03	3.29	****
5. Were there enough proctors for all the students	7	0	0	0	0	1	0	4.00	****/10	****	3.78	3.94	3.32	****

Credits Ea	arned	Cum. GP/	4	Expected	Grades	Reasons		Туре		Majors	
00-27	2	0.00-0.99	0	Α	5	Required for Majors	6	Graduate	3	Major	0
28-55	0	1.00-1.99	0	В	1						
56-83	0	2.00-2.99	0	С	0	General	0	Under-grad	5	Non-major	0
84-150	0	3.00-3.49	0	D	0						
Grad.	3	3.50-4.00	3	F	0	Electives	0	**** - Means ther	e are not e	nough responses	
				Р	0			to be significant			
				I	0	Other	0				
				?	2						

**Course-Section: CYBR 650 01** 

Title: CYBER OPERATIONS MGMT.

Instructor: Shariati, Behnam

Term - Spring 2013

Enrollment: 13

Questionnaires: 13

				Fre	quen	cies		Ins	structor	Course	Org	<b>UMBC</b>	Level	Sect
Questions	NR	NA	1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
General														
1. Did you gain new insights, skills from this course	1	0	1	1	0	5	5	4.00	1193/1560	4.50	4.26	4.35	4.37	4.00
2. Did the instructor make clear the expected goals	1	0	0	1	2	4	5	4.08	1101/1559	4.46	4.34	4.31	4.29	4.08
3. Did the exam questions reflect the expected goals	1	0	1	0	1	5	5	4.08	1024/1371	4.38	4.25	4.38	4.37	4.08
4. Did other evaluations reflect the expected goals	2	0	1	2	1	2	5	3.73	1313/1519	4.36	4.21	4.27	4.29	3.73
5. Did assigned readings contribute to what you learned	2	1	0	1	1	2	6	4.30	648/1452	4.65	4.18	4.18	4.23	4.30
6. Did written assignments contribute to what you learned	1	0	1	1	1	5	4	3.83	1044/1430	4.32	4.12	4.16	4.28	3.83
7. Was the grading system clearly explained	1	0	0	0	1	1	10	4.75	243/1539	4.88	4.27	4.23	4.26	4.75
8. How many times was class cancelled	1	0	0	0	0	9	3	4.25	1295/1560	4.43	4.65	4.64	4.72	4.25
9. How would you grade the overall teaching effectiveness	2	0	0	0	4	4	3	3.91	1099/1545	4.37	4.18	4.14	4.11	3.91
Lecture														
1. Were the instructor's lectures well prepared	1	0	0	1	0	6	5	4.25	1144/1496	4.54	4.45	4.49	4.47	4.25
2. Did the instructor seem interested in the subject	1	0	0	0	0	2	10	4.83	763/1498	4.92	4.62	4.75	4.76	4.83
3. Was lecture material presented and explained clearly	1	0	0	0	2	5	5	4.25	990/1496	4.63	4.42	4.37	4.29	4.25
4. Did the lectures contribute to what you learned	1	0	0	0	3	3	6	4.25	993/1494	4.46	4.31	4.37	4.31	4.25
5. Did audiovisual techniques enhance your understanding	1	0	1	0	1	5	5	4.08	783/1352	3.71	4.10	4.12	3.99	4.08
Discussion														
1. Did class discussions contribute to what you learned	3	0	0	1	1	3	5	4.20	716/1248	4.52	4.36	4.23	4.28	4.20
2. Were all students actively encouraged to participate	3	0	0	0	0	1	9	4.90	225/1250	4.87	4.43	4.39	4.49	4.90
3. Did the instructor encourage fair and open discussion	3	0	0	0	0	1	9	4.90	252/1239	4.95	4.52	4.45	4.57	4.90
4. Were special techniques successful	3	4	0	1	1	1	3	4.00	519/906	3.70	4.06	4.13	4.08	4.00

**Course-Section: CYBR 650 01** 

Title: CYBER OPERATIONS MGMT.

Instructor: Shariati, Behnam

Term - Spring 2013

Enrollment: 13

				Fre	quen	cies		Ins	structor	Course	Org	<b>UMBC</b>	Level	Sect
Questions	NR	NA	1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
Laboratory														
1. Did the lab increase understanding of the material	12	0	0	0	1	0	0	3.00	****/206	****	3.81	4.25	4.17	****
2. Were you provided with adequate background information	12	0	0	0	0	1	0	4.00	****/214	****	3.75	4.31	3.86	****
3. Were necessary materials available for lab activities	12	0	0	0	0	1	0	4.00	****/204	****	3.89	4.52	4.15	****
4. Did the lab instructor provide assistance	12	0	0	0	1	0	0	3.00	****/207	****	3.97	4.44	3.84	****
5. Were requirements for lab reports clearly specified	12	0	0	0	0	1	0	4.00	****/199	****	3.91	4.27	4.11	****
Seminar														
1. Were assigned topics relevant to the announced theme	12	0	0	0	1	0	0	3.00	****/64	****	3.37	4.44	4.23	****
2. Was the instructor available for individual attention	12	0	0	0	0	1	0	4.00	****/58	****	3.82	4.37	4.34	****
3. Did research projects contribute to what you learned	12	0	0	0	0	1	0	4.00	****/52	****	3.64	4.41	4.37	****
4. Did presentations contribute to what you learned	12	0	0	1	0	0	0	2.00	****/66	****	3.76	4.41	4.28	****
5. Were criteria for grading made clear	12	0	0	0	1	0	0	3.00	****/63	****	3.80	4.09	4.07	****
Field Work														
1. Did field experience contribute to what you learned	12	0	0	0	0	1	0	4.00	****/29	****	3.82	4.19	3.88	****
2. Did you clearly understand your evaluation criteria	12	0	0	0	0	1	0	4.00	****/29	****	3.83	4.11	3.89	****
3. Was the instructor available for consultation	12	0	0	0	0	1	0	4.00	****/24	****	3.77	4.25	4.06	****
4. To what degree could you discuss your evaluations	12	0	0	1	0	0	0	2.00	****/26	****	3.32	3.89	3.54	****
5. Did conferences help you carry out field activities	12	0	0	0	1	0	0	3.00	****/25	****	3.61	4.01	3.69	****
Self Paced														
1. Did self-paced system contribute to what you learned	12	0	0	0	0	1	0	4.00	****/31	****	3.67	4.35	3.98	****
2. Did study questions make clear the expected goal	12	0	0	0	0	1	0	4.00	****/22	****	3.54	4.13	3.66	****
3. Were your contacts with the instructor helpful	12	0	0	0	0	1	0	4.00	****/29	****	3.83	4.41	3.99	****

# **Student Course Evaluation Questionnaires**

**Course-Section: CYBR 650 01** 

Title: CYBER OPERATIONS MGMT.

Instructor: Shariati, Behnam

Term - Spring 2013

Enrollment: 13

Questionnaires: 13

				Fre	quen	cies		In	structor	Course	Org	<b>UMBC</b>	Level	Sect
Questions	NR	NA	1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
Self Paced														
4. Was the feedback/tutoring by proctors helpful	12	0	0	1	0	0	0	2.00	****/14	****	3.69	4.03	3.29	****
5. Were there enough proctors for all the students	12	0	0	0	1	0	0	3.00	****/10	****	3.78	3.94	3.32	****

Credits E	arned	Cum. GP/	4	Expected	Grades	Reasons		Туре		Majors	
00-27	2	0.00-0.99	0	Α	8	Required for Majors	9	Graduate	4	Major	0
28-55	1	1.00-1.99	0	В	4						
56-83	0	2.00-2.99	0	С	0	General	0	Under-grad	9	Non-major	0
84-150	0	3.00-3.49	1	D	0						
Grad.	4	3.50-4.00	6	F	0	Electives	3	**** - Means ther	e are not e	nough responses	
				Р	0			to be significant			
				I	0	Other	0				
				?	1						

**Course-Section: CYBR 650 02** 

Title: CYBER OPERATIONS MGMT.

Instructor: Shariati, Behnam

Term - Spring 2013

Enrollment: 11

				Fre	quen	cies		Ins	structor	Course	Org	<b>UMBC</b>	Level	Sect
Questions	NR	NA	1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
General														
1. Did you gain new insights, skills from this course	4	0	0	0	0	0	6	5.00	1/1560	4.50	4.26	4.35	4.37	5.00
2. Did the instructor make clear the expected goals	4	0	0	0	0	1	5	4.83	201/1559	4.46	4.34	4.31	4.29	4.83
3. Did the exam questions reflect the expected goals	4	0	0	0	1	0	5	4.67	442/1371	4.38	4.25	4.38	4.37	4.67
4. Did other evaluations reflect the expected goals	4	0	0	0	0	0	6	5.00	1/1519	4.36	4.21	4.27	4.29	5.00
5. Did assigned readings contribute to what you learned	5	0	0	0	0	0	5	5.00	1/1452	4.65	4.18	4.18	4.23	5.00
6. Did written assignments contribute to what you learned	5	0	0	0	0	1	4	4.80	143/1430	4.32	4.12	4.16	4.28	4.80
7. Was the grading system clearly explained	5	0	0	0	0	0	5	5.00	1/1539	4.88	4.27	4.23	4.26	5.00
8. How many times was class cancelled	5	0	0	0	0	2	3	4.60	961/1560	4.43	4.65	4.64	4.72	4.60
9. How would you grade the overall teaching effectiveness	4	0	0	0	0	1	5	4.83	131/1545	4.37	4.18	4.14	4.11	4.83
Lecture														
1. Were the instructor's lectures well prepared	4	0	0	0	0	1	5	4.83	349/1496	4.54	4.45	4.49	4.47	4.83
2. Did the instructor seem interested in the subject	4	0	0	0	0	0	6	5.00	1/1498	4.92	4.62	4.75	4.76	5.00
3. Was lecture material presented and explained clearly	4	0	0	0	0	0	6	5.00	1/1496	4.63	4.42	4.37	4.29	5.00
4. Did the lectures contribute to what you learned	4	0	0	0	1	0	5	4.67	532/1494	4.46	4.31	4.37	4.31	4.67
5. Did audiovisual techniques enhance your understanding	4	0	1	1	1	1	2	3.33	1224/1352	3.71	4.10	4.12	3.99	3.33
Discussion														
1. Did class discussions contribute to what you learned	4	0	0	0	0	1	5	4.83	205/1248	4.52	4.36	4.23	4.28	4.83
2. Were all students actively encouraged to participate	4	0	0	0	0	1	5	4.83	295/1250	4.87	4.43	4.39	4.49	4.83
3. Did the instructor encourage fair and open discussion	4	0	0	0	0	0	6	5.00	1/1239	4.95	4.52	4.45	4.57	5.00
4. Were special techniques successful	4	1	2	0	0	0	3	3.40	798/906	3.70	4.06	4.13	4.08	3.40

**Course-Section: CYBR 650 02** 

Title: CYBER OPERATIONS MGMT.

Instructor: Shariati, Behnam

Term - Spring 2013

Enrollment: 11

				Fre	quen	cies		Ins	structor	Course	Org	UMBC	Level	Sect
Questions	NR	NA	1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
Laboratory														
2. Were you provided with adequate background information	9	0	0	0	0	0	1	5.00	****/214	****	3.75	4.31	3.86	****
3. Were necessary materials available for lab activities	9	0	0	0	0	0	1	5.00	****/204	****	3.89	4.52	4.15	****
4. Did the lab instructor provide assistance	9	0	0	0	0	0	1	5.00	****/207	****	3.97	4.44	3.84	****
Seminar														
2. Was the instructor available for individual attention	9	0	0	0	0	0	1	5.00	****/58	****	3.82	4.37	4.34	****
3. Did research projects contribute to what you learned	9	0	0	0	0	0	1	5.00	****/52	****	3.64	4.41	4.37	****
4. Did presentations contribute to what you learned	9	0	0	0	0	0	1	5.00	****/66	****	3.76	4.41	4.28	****
5. Were criteria for grading made clear	9	0	0	0	0	0	1	5.00	****/63	****	3.80	4.09	4.07	****
Field Work														
1. Did field experience contribute to what you learned	9	0	0	0	0	0	1	5.00	****/29	****	3.82	4.19	3.88	****
2. Did you clearly understand your evaluation criteria	9	0	0	0	0	0	1	5.00	****/29	****	3.83	4.11	3.89	****
3. Was the instructor available for consultation	9	0	0	0	0	0	1	5.00	****/24	****	3.77	4.25	4.06	****
4. To what degree could you discuss your evaluations	9	0	0	0	0	0	1	5.00	****/26	****	3.32	3.89	3.54	****
5. Did conferences help you carry out field activities	9	0	0	0	0	0	1	5.00	****/25	****	3.61	4.01	3.69	****
Self Paced										-				
1. Did self-paced system contribute to what you learned	9	0	0	0	0	0	1	5.00	****/31	****	3.67	4.35	3.98	****
2. Did study questions make clear the expected goal	9	0	0	0	0	0	1	5.00	****/22	****	3.54	4.13	3.66	****

# **Student Course Evaluation Questionnaires**

Course-Section: CYBR 650 02

Title: CYBER OPERATIONS MGMT.

Term - Spring 2013

Enrollment: 11
Questionnaires: 10

**Instructor:** Shariati, Behnam

				Fre	quen	cies		Ins	structor	Course	Org	<b>UMBC</b>	Level	Sect
Questions	NR	NA	1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
Self Paced														
3. Were your contacts with the instructor helpful	9	0	0	0	0	0	1	5.00	****/29	****	3.83	4.41	3.99	****

<b>Credits Earned</b>		Cum. GPA		Expected	Grades	Reasons	Туре		Majors		
00-27	1	0.00-0.99	1	Α	4	Required for Majors	4	Graduate	2	Major	0
28-55	0	1.00-1.99	0	В	1						
56-83	0	2.00-2.99	0	С	0	General	0	Under-grad	8	Non-major	0
84-150	0	3.00-3.49	0	D	0						
Grad.	2	3.50-4.00	2	F	0	Electives	1	**** - Means the	re are not e	nough responses	
				Р	0			to be significant			
				1	0	Other	0				
				?	5						

**Course-Section: CYBR 691 02** 

Title: Spec. Topics in Cybersec

**Instructor:** Columbel, Pierre

Term - Spring 2013

**Enrollment: 20** 

			Frequencies					Instructor		Course	Org	<b>UMBC</b>	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	3	4	6	12	4.08	1147/1560	4.08	4.26	4.35	4.37	4.08
2. Did the instructor make clear the expected goals	2	0	0	0	3	7	15	4.48	656/1559	4.48	4.34	4.31	4.29	4.48
3. Did the exam questions reflect the expected goals	2	0	0	0	1	4	20	4.76	314/1371	4.76	4.25	4.38	4.37	4.76
4. Did other evaluations reflect the expected goals	2	0	1	0	2	9	13	4.32	792/1519	4.32	4.21	4.27	4.29	4.32
5. Did assigned readings contribute to what you learned	2	1	0	1	4	5	14	4.33	620/1452	4.33	4.18	4.18	4.23	4.33
6. Did written assignments contribute to what you learned	3	2	0	0	3	4	15	4.55	385/1430	4.55	4.12	4.16	4.28	4.55
7. Was the grading system clearly explained	2	1	1	2	3	0	18	4.33	761/1539	4.33	4.27	4.23	4.26	4.33
8. How many times was class cancelled	2	0	1	0	0	13	11	4.32	1237/1560	4.32	4.65	4.64	4.72	4.32
9. How would you grade the overall teaching effectiveness	4	1	0	0	2	14	6	4.18	807/1545	4.18	4.18	4.14	4.11	4.18
Lecture														
1. Were the instructor's lectures well prepared	2	0	0	0	2	7	16	4.56	794/1496	4.56	4.45	4.49	4.47	4.56
2. Did the instructor seem interested in the subject	2	0	0	0	0	2	23	4.92	445/1498	4.92	4.62	4.75	4.76	4.92
3. Was lecture material presented and explained clearly	2	0	0	0	2	8	15	4.52	677/1496	4.52	4.42	4.37	4.29	4.52
4. Did the lectures contribute to what you learned	2	0	0	0	1	9	15	4.56	655/1494	4.56	4.31	4.37	4.31	4.56
5. Did audiovisual techniques enhance your understanding	3	0	1	0	1	8	14	4.42	461/1352	4.42	4.10	4.12	3.99	4.42
Discussion														
1. Did class discussions contribute to what you learned	5	0	0	0	1	7	14	4.59	405/1248	4.59	4.36	4.23	4.28	4.59
2. Were all students actively encouraged to participate	5	0	0	1	0	4	17	4.68	458/1250	4.68	4.43	4.39	4.49	4.68
3. Did the instructor encourage fair and open discussion	5	0	0	0	2	4	16	4.64	589/1239	4.64	4.52	4.45	4.57	4.64
4. Were special techniques successful	5	5	0	0	1	3	13	4.71	143/906	4.71	4.06	4.13	4.08	4.71

**Course-Section: CYBR 691 02** 

**Title: Spec. Topics in Cybersec** 

**Instructor:** Columbel, Pierre

Term - Spring 2013

**Enrollment: 20** 

				Frequencies				Instructor		Course	Org	<b>UMBC</b>	Level	Sect	
Questions	NR	NA	1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean	
Laboratory															
1. Did the lab increase understanding of the material	15	1	1	0	0	2	8	4.45	68/206	4.45	3.81	4.25	4.17	4.45	
2. Were you provided with adequate background information	16	0	0	0	1	5	5	4.36	114/214	4.36	3.75	4.31	3.86	4.36	
3. Were necessary materials available for lab activities	16	0	0	0	1	2	8	4.64	89/204	4.64	3.89	4.52	4.15	4.64	
4. Did the lab instructor provide assistance	17	0	0	0	0	2	8	4.80	45/207	4.80	3.97	4.44	3.84	4.80	
5. Were requirements for lab reports clearly specified	17	0	0	0	1	2	7	4.60	55/199	4.60	3.91	4.27	4.11	4.60	
Seminar															
1. Were assigned topics relevant to the announced theme	23	1	0	0	0	0	3	5.00	****/64	****	3.37	4.44	4.23	****	
2. Was the instructor available for individual attention	23	0	0	0	0	0	4	5.00	****/58	****	3.82	4.37	4.34	****	
3. Did research projects contribute to what you learned	24	0	0	0	0	0	3	5.00	****/52	****	3.64	4.41	4.37	****	
4. Did presentations contribute to what you learned	24	0	0	0	0	1	2	4.67	****/66	****	3.76	4.41	4.28	****	
5. Were criteria for grading made clear	24	0	0	0	0	0	3	5.00	****/63	****	3.80	4.09	4.07	****	
Field Work															
1. Did field experience contribute to what you learned	23	0	1	0	0	0	3	4.00	****/29	****	3.82	4.19	3.88	****	
2. Did you clearly understand your evaluation criteria	23	0	0	0	0	1	3	4.75	****/29	****	3.83	4.11	3.89	****	
3. Was the instructor available for consultation	23	1	0	0	0	0	3	5.00	****/24	****	3.77	4.25	4.06	****	
4. To what degree could you discuss your evaluations	23	1	0	0	0	0	3	5.00	****/26	****	3.32	3.89	3.54	****	
5. Did conferences help you carry out field activities	23	1	0	0	0	0	3	5.00	****/25	****	3.61	4.01	3.69	****	
Self Paced															
1. Did self-paced system contribute to what you learned	24	0	0	0	1	0	2	4.33	****/31	****	3.67	4.35	3.98	****	
2. Did study questions make clear the expected goal	24	0	0	0	0	0	3	5.00	****/22	****	3.54	4.13	3.66	****	
3. Were your contacts with the instructor helpful	24	0	0	0	1	1	1	4.00	****/29	****	3.83	4.41	3.99	****	

# **Student Course Evaluation Questionnaires**

**Course-Section: CYBR 691 02** 

**Title: Spec. Topics in Cybersec** 

**Instructor:** Columbel, Pierre

Term - Spring 2013

Enrollment: 20
Questionnaires: 27

				Fre	quen	cies		In	structor	Course	Org	UMBC	Level	Sect
Questions		NA	1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
Self Paced														
4. Was the feedback/tutoring by proctors helpful	24	1	0	0	0	0	2	5.00	****/14	****	3.69	4.03	3.29	****
5. Were there enough proctors for all the students	24	1	1	0	0	0	1	3.00	****/10	****	3.78	3.94	3.32	****

<b>Credits Earned</b>		Cum. GPA		<b>Expected Grades</b>		Reasons	Туре		Majors		
00-27	3	0.00-0.99	0	Α	18	Required for Majors	7	Graduate	10	Major	0
28-55	0	1.00-1.99	0	В	4						
56-83	0	2.00-2.99	1	С	0	General	1	Under-grad	17	Non-major	0
84-150	2	3.00-3.49	0	D	0						
Grad.	10	3.50-4.00	9	F	0	Electives	13	**** - Means there are not enough responses			
				Р	0			to be significant			
				1	0	Other	1				
				?	4						