

Student Course Evaluation Questionnaires

Course-Section:	BTEC 654 01
Title:	Topics In Biotechnology
Instructor:	Broedel Jr,Shel

Term - Spring 2011

Enrollment:	17
Questionnaires:	7

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	2	0	0	0	0	2	3	4.60	460/1449	4.60	4.38	4.33	4.41	4.60
2. Did the instructor make clear the expected goals	2	0	0	0	1	1	3	4.40	704/1446	4.40	4.22	4.29	4.30	4.40
3. Did the exam questions reflect the expected goals	2	2	0	0	1	0	2	4.33	717/1256	4.33	4.19	4.34	4.30	4.33
4. Did other evaluations reflect the expected goals	2	0	0	0	0	2	3	4.60	408/1402	4.60	4.20	4.27	4.26	4.60
5. Did assigned readings contribute to what you learned	2	1	0	0	1	1	2	4.25	628/1358	4.25	4.15	4.13	4.18	4.25
6. Did written assignments contribute to what you learned	2	0	0	0	0	3	2	4.40	524/1327	4.40	4.04	4.16	4.29	4.40
7. Was the grading system clearly explained	2	0	0	0	1	0	4	4.60	382/1435	4.60	4.17	4.20	4.23	4.60
8. How many times was class cancelled	2	0	0	0	0	0	5	5.00	1/1446	5.00	4.87	4.67	4.81	5.00
9. How would you grade the overall teaching effectiveness	4	0	0	0	0	2	1	4.33	550/1437	4.33	4.08	4.12	4.17	4.33
Lecture														
1. Were the instructor's lectures well prepared	2	0	0	0	2	0	3	4.20	1090/1386	4.20	4.58	4.48	4.47	4.20
2. Did the instructor seem interested in the subject	2	0	0	0	0	1	4	4.80	787/1390	4.80	4.76	4.74	4.77	4.80
3. Was lecture material presented and explained clearly	2	0	0	0	2	1	2	4.00	1058/1379	4.00	4.33	4.34	4.34	4.00
4. Did the lectures contribute to what you learned	2	0	0	1	1	1	2	3.80	1163/1379	3.80	4.41	4.36	4.35	3.80
5. Did audiovisual techniques enhance your understanding	2	0	1	1	0	2	1	3.20	1119/1236	3.20	4.21	4.08	3.94	3.20
Discussion														
1. Did class discussions contribute to what you learned	2	0	0	0	1	1	3	4.40	484/1121	4.40	4.10	4.18	4.29	4.40
2. Were all students actively encouraged to participate	2	0	0	0	1	1	3	4.40	631/1122	4.40	4.32	4.36	4.44	4.40
3. Did the instructor encourage fair and open discussion	2	0	0	0	0	1	4	4.80	328/1121	4.80	4.37	4.40	4.52	4.80
4. Were special techniques successful	2	2	0	0	1	0	2	4.33	287/790	4.33	3.96	4.06	4.08	4.33

Student Course Evaluation Questionnaires

Course-Section:	BTEC 654 01
Title:	Topics In Biotechnology
Instructor:	Broedel Jr, Shel

Term - Spring 2011

Enrollment:	17
Questionnaires:	7

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	4	1	0	0	0	1	1	4.50	44/67	4.50	4.73	4.58	4.67	4.50
2. Was the instructor available for individual attention	5	0	0	0	1	0	1	4.00	53/66	4.00	4.27	4.36	4.36	4.00
3. Did research projects contribute to what you learned	5	0	0	0	1	0	1	4.00	43/64	4.00	4.33	4.25	4.32	4.00
4. Did presentations contribute to what you learned	5	0	0	0	0	1	1	4.50	38/75	4.50	4.52	4.32	4.37	4.50
5. Were criteria for grading made clear	5	0	0	0	0	1	1	4.50	25/73	4.50	4.49	4.00	4.02	4.50
Field Work														
1. Did field experience contribute to what you learned	6	0	0	1	0	0	0	2.00	****/34	****	****	4.33	4.35	****
Self Paced														
1. Did self-paced system contribute to what you learned	6	0	0	0	0	0	1	5.00	****/31	****	5.00	4.34	4.38	****
2. Did study questions make clear the expected goal	6	0	0	0	0	0	1	5.00	****/18	****	4.67	4.13	4.22	****
3. Were your contacts with the instructor helpful	6	0	0	0	0	1	0	4.00	****/24	****	4.67	4.34	4.63	****
4. Was the feedback/tutoring by proctors helpful	6	0	0	0	0	0	1	5.00	****/15	****	****	4.18	4.75	****
5. Were there enough proctors for all the students	6	0	0	0	0	0	1	5.00	****/13	****	****	4.07	5.00	****

Frequency Distribution

Credits Earned	Cum. GPA	Expected Grades	Reasons	Type	Majors						
00-27	1	0.00-0.99	0	A	1	Required for Majors	4	Graduate	2	Major	0
28-55	1	1.00-1.99	0	B	3						
56-83	0	2.00-2.99	0	C	0	General	0	Under-grad	5	Non-major	7
84-150	0	3.00-3.49	2	D	0						
Grad.	2	3.50-4.00	1	F	0	Electives	0	**** - Means there are not enough responses to be significant			
				P	0						

Student Course Evaluation Questionnaires

Course-Section:	BTEC 654 01
Title:	Topics In Biotechnology
Instructor:	Broedel Jr, Shel

Term - Spring 2011

Enrollment:	17
Questionnaires:	7

Questions	NR	NA	Frequencies					Instructor		Course	Org	UMBC	Level	Sect
			1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
Self Paced														

I	0	Other	0
?	3		

Student Course Evaluation Questionnaires

Course-Section:	BTEC 662 01
Title:	Gmp's For Bioprocesses
Instructor:	Moreira, Antonio

Term - Spring 2011

Enrollment:	12
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	0	0	0	0	0	4	7	4.64	418/1449	4.64	4.38	4.33	4.41	4.64
2. Did the instructor make clear the expected goals	0	0	0	0	0	3	8	4.73	274/1446	4.73	4.22	4.29	4.30	4.73
3. Did the exam questions reflect the expected goals	1	0	0	0	1	4	5	4.40	644/1256	4.40	4.19	4.34	4.30	4.40
4. Did other evaluations reflect the expected goals	0	0	0	0	0	5	6	4.55	480/1402	4.55	4.20	4.27	4.26	4.55
5. Did assigned readings contribute to what you learned	0	0	0	0	0	2	9	4.82	123/1358	4.82	4.15	4.13	4.18	4.82
6. Did written assignments contribute to what you learned	0	0	0	0	0	5	6	4.55	366/1327	4.55	4.04	4.16	4.29	4.55
7. Was the grading system clearly explained	0	0	0	0	0	2	9	4.82	155/1435	4.82	4.17	4.20	4.23	4.82
8. How many times was class cancelled	0	0	0	0	0	2	9	4.82	707/1446	4.82	4.87	4.67	4.81	4.82
9. How would you grade the overall teaching effectiveness	2	2	0	0	1	5	1	4.00	868/1437	3.75	4.08	4.12	4.17	3.75
Lecture														
1. Were the instructor's lectures well prepared	0	0	0	0	0	1	10	4.91	204/1386	4.62	4.58	4.48	4.47	4.62
2. Did the instructor seem interested in the subject	0	0	0	0	0	1	10	4.91	531/1390	4.87	4.76	4.74	4.77	4.87
3. Was lecture material presented and explained clearly	0	0	0	0	0	4	7	4.64	477/1379	4.40	4.33	4.34	4.34	4.40
4. Did the lectures contribute to what you learned	0	0	0	0	1	2	8	4.64	543/1379	4.62	4.41	4.36	4.35	4.62
5. Did audiovisual techniques enhance your understanding	0	0	0	1	0	3	7	4.45	383/1236	4.06	4.21	4.08	3.94	4.06
Discussion														
1. Did class discussions contribute to what you learned	0	0	0	0	0	4	7	4.64	309/1121	4.64	4.10	4.18	4.29	4.64
2. Were all students actively encouraged to participate	0	0	0	0	1	3	7	4.55	504/1122	4.55	4.32	4.36	4.44	4.55
3. Did the instructor encourage fair and open discussion	0	0	0	0	1	1	9	4.73	416/1121	4.73	4.37	4.40	4.52	4.73
4. Were special techniques successful	1	2	0	1	2	1	4	4.00	425/790	4.00	3.96	4.06	4.08	4.00

Student Course Evaluation Questionnaires

Course-Section:	BTEC 662 01
Title:	Gmp's For Bioprocesses
Instructor:	Moreira, Antonio

Term - Spring 2011

Enrollment:	12
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	****/200	****	4.38	4.28	3.91	****
2. Were you provided with adequate background information	10	0	0	0	1	0	0	3.00	****/205	****	4.31	4.29	3.54	****
4. Did the lab instructor provide assistance	10	0	0	0	0	1	0	4.00	****/202	****	4.48	4.42	4.30	****
Seminar														
1. Were assigned topics relevant to the announced theme	9	0	0	0	0	1	1	4.50	****/67	****	4.73	4.58	4.67	****
2. Was the instructor available for individual attention	8	0	0	0	1	0	2	4.33	45/66	4.33	4.27	4.36	4.36	4.33
3. Did research projects contribute to what you learned	8	0	0	0	0	1	2	4.67	24/64	4.67	4.33	4.25	4.32	4.67
4. Did presentations contribute to what you learned	8	0	0	0	0	1	2	4.67	27/75	4.67	4.52	4.32	4.37	4.67
5. Were criteria for grading made clear	8	0	0	0	0	0	3	5.00	1/73	5.00	4.49	4.00	4.02	5.00
Field Work														
1. Did field experience contribute to what you learned	9	0	0	0	0	2	0	4.00	****/34	****	****	4.33	4.35	****
2. Did you clearly understand your evaluation criteria	9	0	0	0	1	1	0	3.50	****/35	****	****	4.15	3.87	****
3. Was the instructor available for consultation	8	0	1	0	0	0	2	3.67	21/30	3.67	3.67	4.09	3.81	3.67
4. To what degree could you discuss your evaluations	9	0	0	1	0	0	1	3.50	****/30	****	****	4.04	3.79	****
5. Did conferences help you carry out field activities	9	0	0	0	1	0	1	4.00	****/27	****	****	4.13	3.92	****
Self Paced														
1. Did self-paced system contribute to what you learned	8	0	0	0	0	0	3	5.00	1/31	5.00	5.00	4.34	4.38	5.00
2. Did study questions make clear the expected goal	8	0	0	0	0	1	2	4.67	7/18	4.67	4.67	4.13	4.22	4.67
3. Were your contacts with the instructor helpful	8	0	0	0	0	1	2	4.67	11/24	4.67	4.67	4.34	4.63	4.67
4. Was the feedback/tutoring by proctors helpful	9	1	0	0	0	0	1	5.00	****/15	****	****	4.18	4.75	****
5. Were there enough proctors for all the students	9	1	0	0	0	1	0	4.00	****/13	****	****	4.07	5.00	****

Student Course Evaluation Questionnaires

Course-Section: BTEC 662 01	Term - Spring 2011	Enrollment: 12
Title: Gmp's For Bioprocesses		Questionnaires: 11
Instructor: Moreira, Antonio		

Questions	NR	NA	Frequencies					Instructor		Course	Org	UMBC	Level	Sect
			1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
Self Paced														

Frequency Distribution

Credits Earned	Cum. GPA	Expected Grades	Reasons	Type	Majors
00-27	2	0.00-0.99 0	A 6 Required for Majors 3	Graduate 5	Major 0
28-55	0	1.00-1.99 0	B 0		
56-83	0	2.00-2.99 0	C 0 General 1	Under-grad 6	Non-major 11
84-150	0	3.00-3.49 1	D 0		
Grad.	5	3.50-4.00 2	F 0 Electives 3 P 1 I 0 Other 2 ? 4	**** - Means there are not enough responses to be significant	

Student Course Evaluation Questionnaires

Course-Section:	BTEC 662 01
Title:	Gmp's For Bioprocesses
Instructor:	Lubiniecki,Anth

Term - Spring 2011

Enrollment:	12
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	0	0	0	0	0	4	7	4.64	418/1449	4.64	4.38	4.33	4.41	4.64
2. Did the instructor make clear the expected goals	0	0	0	0	0	3	8	4.73	274/1446	4.73	4.22	4.29	4.30	4.73
3. Did the exam questions reflect the expected goals	1	0	0	0	1	4	5	4.40	644/1256	4.40	4.19	4.34	4.30	4.40
4. Did other evaluations reflect the expected goals	0	0	0	0	0	5	6	4.55	480/1402	4.55	4.20	4.27	4.26	4.55
5. Did assigned readings contribute to what you learned	0	0	0	0	0	2	9	4.82	123/1358	4.82	4.15	4.13	4.18	4.82
6. Did written assignments contribute to what you learned	0	0	0	0	0	5	6	4.55	366/1327	4.55	4.04	4.16	4.29	4.55
7. Was the grading system clearly explained	0	0	0	0	0	2	9	4.82	155/1435	4.82	4.17	4.20	4.23	4.82
8. How many times was class cancelled	0	0	0	0	0	2	9	4.82	707/1446	4.82	4.87	4.67	4.81	4.82
9. How would you grade the overall teaching effectiveness	5	2	0	0	2	2	0	3.50	1245/1437	3.75	4.08	4.12	4.17	3.75
Lecture														
1. Were the instructor's lectures well prepared	5	0	0	1	0	1	4	4.33	989/1386	4.62	4.58	4.48	4.47	4.62
2. Did the instructor seem interested in the subject	5	0	0	0	0	1	5	4.83	710/1390	4.87	4.76	4.74	4.77	4.87
3. Was lecture material presented and explained clearly	5	0	0	1	0	2	3	4.17	974/1379	4.40	4.33	4.34	4.34	4.40
4. Did the lectures contribute to what you learned	6	0	0	0	0	2	3	4.60	579/1379	4.62	4.41	4.36	4.35	4.62
5. Did audiovisual techniques enhance your understanding	5	0	0	2	0	2	2	3.67	954/1236	4.06	4.21	4.08	3.94	4.06
Discussion														
1. Did class discussions contribute to what you learned	0	0	0	0	0	4	7	4.64	309/1121	4.64	4.10	4.18	4.29	4.64
2. Were all students actively encouraged to participate	0	0	0	0	1	3	7	4.55	504/1122	4.55	4.32	4.36	4.44	4.55
3. Did the instructor encourage fair and open discussion	0	0	0	0	1	1	9	4.73	416/1121	4.73	4.37	4.40	4.52	4.73
4. Were special techniques successful	1	2	0	1	2	1	4	4.00	425/790	4.00	3.96	4.06	4.08	4.00

Student Course Evaluation Questionnaires

Course-Section:	BTEC 662 01
Title:	Gmp's For Bioprocesses
Instructor:	Lubiniecki,Anth

Term - Spring 2011

Enrollment:	12
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	****/200	****	4.38	4.28	3.91	****
2. Were you provided with adequate background information	10	0	0	0	1	0	0	3.00	****/205	****	4.31	4.29	3.54	****
4. Did the lab instructor provide assistance	10	0	0	0	0	1	0	4.00	****/202	****	4.48	4.42	4.30	****
Seminar														
1. Were assigned topics relevant to the announced theme	9	0	0	0	0	1	1	4.50	****/67	****	4.73	4.58	4.67	****
2. Was the instructor available for individual attention	8	0	0	0	1	0	2	4.33	45/66	4.33	4.27	4.36	4.36	4.33
3. Did research projects contribute to what you learned	8	0	0	0	0	1	2	4.67	24/64	4.67	4.33	4.25	4.32	4.67
4. Did presentations contribute to what you learned	8	0	0	0	0	1	2	4.67	27/75	4.67	4.52	4.32	4.37	4.67
5. Were criteria for grading made clear	8	0	0	0	0	0	3	5.00	1/73	5.00	4.49	4.00	4.02	5.00
Field Work														
1. Did field experience contribute to what you learned	9	0	0	0	0	2	0	4.00	****/34	****	****	4.33	4.35	****
2. Did you clearly understand your evaluation criteria	9	0	0	0	1	1	0	3.50	****/35	****	****	4.15	3.87	****
3. Was the instructor available for consultation	8	0	1	0	0	0	2	3.67	21/30	3.67	3.67	4.09	3.81	3.67
4. To what degree could you discuss your evaluations	9	0	0	1	0	0	1	3.50	****/30	****	****	4.04	3.79	****
5. Did conferences help you carry out field activities	9	0	0	0	1	0	1	4.00	****/27	****	****	4.13	3.92	****
Self Paced														
1. Did self-paced system contribute to what you learned	8	0	0	0	0	0	3	5.00	1/31	5.00	5.00	4.34	4.38	5.00
2. Did study questions make clear the expected goal	8	0	0	0	0	1	2	4.67	7/18	4.67	4.67	4.13	4.22	4.67
3. Were your contacts with the instructor helpful	8	0	0	0	0	1	2	4.67	11/24	4.67	4.67	4.34	4.63	4.67
4. Was the feedback/tutoring by proctors helpful	9	1	0	0	0	0	1	5.00	****/15	****	****	4.18	4.75	****
5. Were there enough proctors for all the students	9	1	0	0	0	1	0	4.00	****/13	****	****	4.07	5.00	****

Student Course Evaluation Questionnaires

Course-Section: BTEC 662 01	Term - Spring 2011	Enrollment: 12
Title: Gmp's For Bioprocesses		Questionnaires: 11
Instructor: Lubiniecki,Anth		
	Frequencies	Instructor
Questions	NR	NA
Self Paced	1	2
	3	4
	5	Mean
	Mean	Rank
	Mean	Mean
	Mean	Mean
	Mean	Mean
	Mean	Mean

Frequency Distribution

Credits Earned		Cum. GPA		Expected Grades		Reasons		Type		Majors	
00-27	2	0.00-0.99	0	A	6	Required for Majors	3	Graduate	5	Major	0
28-55	0	1.00-1.99	0	B	0						
56-83	0	2.00-2.99	0	C	0	General	1	Under-grad	6	Non-major	11
84-150	0	3.00-3.49	1	D	0						
Grad.	5	3.50-4.00	2	F	0	Electives	3	**** - Means there are not enough responses to be significant			
				P	1						
				I	0	Other	2				
				?	4						

Student Course Evaluation Questionnaires

Course-Section:	BTEC 670 01
Title:	Legal And Ethical Issues
Instructor:	Ellis,Joan

Term - Spring 2011

Enrollment:	10
Questionnaires:	8

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	1	0	3	3	4.14	1007/1449	4.14	4.38	4.33	4.41	4.14
2. Did the instructor make clear the expected goals	1	0	0	0	0	3	4	4.57	479/1446	4.57	4.22	4.29	4.30	4.57
3. Did the exam questions reflect the expected goals	1	0	0	0	1	2	4	4.43	619/1256	4.43	4.19	4.34	4.30	4.43
4. Did other evaluations reflect the expected goals	1	1	0	0	1	2	3	4.33	734/1402	4.33	4.20	4.27	4.26	4.33
5. Did assigned readings contribute to what you learned	1	0	0	0	0	2	5	4.71	191/1358	4.71	4.15	4.13	4.18	4.71
6. Did written assignments contribute to what you learned	1	0	0	0	1	3	3	4.29	637/1327	4.29	4.04	4.16	4.29	4.29
7. Was the grading system clearly explained	1	0	0	0	1	3	3	4.29	739/1435	4.29	4.17	4.20	4.23	4.29
8. How many times was class cancelled	1	0	0	0	0	0	7	5.00	1/1446	5.00	4.87	4.67	4.81	5.00
9. How would you grade the overall teaching effectiveness	5	0	1	0	1	0	1	3.00	1364/1437	3.00	4.08	4.12	4.17	3.00
Lecture														
1. Were the instructor's lectures well prepared	2	0	0	0	0	2	4	4.67	614/1386	4.67	4.58	4.48	4.47	4.67
2. Did the instructor seem interested in the subject	2	0	0	0	0	1	5	4.83	710/1390	4.83	4.76	4.74	4.77	4.83
3. Was lecture material presented and explained clearly	2	0	0	0	0	1	5	4.83	211/1379	4.83	4.33	4.34	4.34	4.83
4. Did the lectures contribute to what you learned	3	0	0	0	0	1	4	4.80	310/1379	4.80	4.41	4.36	4.35	4.80
5. Did audiovisual techniques enhance your understanding	3	0	0	0	0	0	5	5.00	1/1236	5.00	4.21	4.08	3.94	5.00
Discussion														
1. Did class discussions contribute to what you learned	2	0	0	0	0	1	5	4.83	149/1121	4.83	4.10	4.18	4.29	4.83
2. Were all students actively encouraged to participate	2	0	0	0	0	1	5	4.83	243/1122	4.83	4.32	4.36	4.44	4.83
3. Did the instructor encourage fair and open discussion	2	0	0	0	0	1	5	4.83	292/1121	4.83	4.37	4.40	4.52	4.83
4. Were special techniques successful	3	1	0	0	0	2	2	4.50	200/790	4.50	3.96	4.06	4.08	4.50

Student Course Evaluation Questionnaires

Course-Section: BTEC 670 01	Term - Spring 2011	Enrollment: 10
Title: Legal And Ethical Issues		Questionnaires: 8
Instructor: Ellis,Joan		

	NR	NA	Frequencies					Instructor		Course	Org	UMBC	Level	Sect
Questions			1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
Discussion														

Frequency Distribution

Credits Earned		Cum. GPA		Expected Grades		Reasons		Type		Majors	
00-27	0	0.00-0.99	0	A	2	Required for Majors	4	Graduate	3	Major	0
28-55	0	1.00-1.99	0	B	0						
56-83	0	2.00-2.99	0	C	0	General	1	Under-grad	5	Non-major	8
84-150	0	3.00-3.49	1	D	0						
Grad.	3	3.50-4.00	1	F	0	Electives	0	**** - Means there are not enough responses to be significant			
				P	0						
				I	0	Other	0				
				?	6						