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BOWLING GREEN STATE UNIVERSITY

Evaluation of Teaching and Learning Data
Fall 2016

Faculty Senate and Academic Affairs are collaborating to explore the development and utilization of a student evaluation of teaching and learning at BGSU that includes a set of common University questions and provides flexibility for colleges and departments to add specific questions. A Working Group collected evaluations of teaching and learning from various departments/schools from all colleges. They performed a content analysis of those questions and categorized the questions by category.

Eight categories were derived from an analysis of all questions on course evaluations analyzed: feedback and assessment; instructor availability; engagement in learning and connections; instructor effectiveness and environment; instructor communication; assignments; expectations; and course organization and clarity. Duplicative questions, questions that were content specific, and those questions that committee members felt were not pertinent to teaching were eliminated. A total of thirty-three (33) questions representative of the eight categories remained.

A survey was created and distributed to 843 full-time faculty at BGSU. The survey contained 33 questions, from pre-existing course evaluations used at BGSU, by category and asked faculty to identifying which questions they felt would improve teaching the most (1=Not Helpful at All; 5=Extremely Helpful). The survey also asked participants to rank order the eight categories as to which they felt was most helpful to least helpful. An announcement was made at Faculty Senate (October 4th) and was placed in Campus Updates to notify faculty that the survey was being deployed. The survey was sent on Monday, October 17th and reminders were sent periodically (October 19th, 24th and 26th) until the survey closed on Friday, October 28th at midnight.

A total of 330 faculty responded to the survey (response rate 39%) and 307 faculty completed the survey (completion rate 36%). Frequency counts, means, and standard deviations were calculated for each question. Correlations were conducted for questions within each category (correlations for each category were found to be statistically significant at the .01 level). Reliability analysis (Cronbach's Alpha) for the survey was .96.

Category 1: Feedback & Assessment (n=317)

The instructor…
Q1. Provides clear, helpful feedback throughout the semester (#4[1])
Q2. Delivers feedback in a timely manner
Q3. Welcomes questions (#3)
Q4. Is fair and conscientious in grading and testing

Question	Not Helpful at All – 1	2	3	4	Extremely Helpful – 5	$\overline{X}$	SD
Q1.	**21**	**10**	**35**	**108**	**143**	**4.08**	**1.13**
Q2.	26	29	61	93	108	3.72	1.25
Q3.	**16**	**10**	**35**	**111**	**145**	**4.13**	**1.07**
Q4.	40	24	50	92	111	3.66	1.36

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[1] Rank order of question by mean, see page 5.

Question	Q1.	Q2.	Q3.	Q4.
Q1.				
Q2.	.55			
Q3.	**.61**	.56		
Q4.	.49	.47	.53	

Category 2: Instructor Availability (n=316)

The instructor…
Q5. Is available for students outside of class
Q6. Is accessible and approachable (#8)
Q7. Is readily available for consultations with students

Question	Not Helpful at All – 1	2	3	4	Extremely Helpful – 5	$\overline{X}$	*SD*
Q5.	31	32	71	90	92	3.57	1.27
Q6.	**22**	**15**	**48**	**91**	**140**	**3.99**	**1.19**
Q7.	29	41	64	107	75	3.50	1.24

Question	Q5.	Q6.	Q7.
Q5.			
Q6.	.56		
Q7.	.55	.53	

Category 3: Engagement in Learning & Connections (n=313)

The instructor…
Q8. Encourages student participation by welcoming questions and discussion (#2)
Q9. Is open to student viewpoints
Q10. Encourages students to think independently (#9)
Q11. Helps student relate new knowledge and skills to other courses and learning experiences

Question	Not Helpful at All – 1	2	3	4	Extremely Helpful – 5	$\overline{X}$	*SD*
Q8.	**16**	**3**	**42**	**107**	**145**	**4.16**	**1.04**
Q9.	23	23	59	106	102	3.77	1.19
Q10.	**25**	**10**	**47**	**91**	**140**	**3.99**	**1.20**
Q11.	25	19	65	95	109	3.78	1.21

Question	Q8.	Q9.	Q10.	Q11.
Q8.				
Q9.	.60			
Q10.	**.56**	.64		
Q11.	.52	.50	.67	

Category 4: Instructor Effectiveness & Environment (n=312)

The instructor…
Q12. Applies tools and resources to enhance student learning in this class
Q13. Uses effective teaching methods
Q14. Communicates the subject matter effectively and explains new concepts clearly (#1)
Q15. Delivers course content in ways that stimulated student interest/enthusiasm in the subject
Q16. Creates opportunities for students to contribute through class activities and participation (#13)

Question	Not Helpful at All – 1	2	3	4	Extremely Helpful – 5	$\overline{X}$	SD
Q12.	56	40	81	86	49	3.10	1.32
Q13.	53	25	63	90	81	3.39	1.40
Q14.	**17**	**7**	**37**	**95**	**156**	**4.17**	**1.08**
Q15.	24	21	66	110	91	3.71	1.18
Q16.	**16**	**18**	**53**	**118**	**107**	**3.90**	**1.10**

Question	Q12.	Q13.	Q14.	Q15.	Q16.
Q12.					
Q13.	.57				
Q14.	.40	.44			
Q15.	.43	.52	.53		
Q16.	.45	.46	**.45**	.61	

Category 5: Instructor Communication (n=312)

The instructor…
Q17. Explains materials clearly (#6)
Q18. Respects students (#11)
Q19. Maintains good rapport with students
Q20. Seems genuinely concerned about students (#12)
Q21. Acts in a professional manner (#16)

Question	Not Helpful at All – 1	2	3	4	Extremely Helpful – 5	$\overline{X}$	SD
Q17.	**20**	**11**	**41**	**101**	**139**	**4.05**	**1.14**
Q18.	**20**	**16**	**53**	**86**	**137**	**3.97**	**1.18**
Q19.	24	22	84	104	78	3.61	1.16
Q20.	**19**	**14**	**55**	**105**	**119**	**3.93**	**1.34**
Q21.	**21**	**27**	**54**	**83**	**127**	**3.86**	**1.23**

Question	Q17.	Q18.	Q19.	Q20.	Q21.
Q17.					
Q18.	**.67**				
Q19.	.48	.64			
Q20.	**.45**	**.59**	.67		
Q21.	.54	.60	.54	.51	

Category 6: Assignments (n=308)

The instructor…
Q22. Creates examinations/assignments that help student learn
Q23. Designs course materials and assignments that are effective in achieving course goals
Q24. Develops assignments (including tests) that reflect the content and learning objectives of the course
Q25. Gives challenging and stimulating assignments

Question	Not Helpful at All – 1	2	3	4	Extremely Helpful – 5	$\overline{X}$	SD
Q22.	28	21	75	102	82	3.61	1.21
Q23.	30	24	58	95	101	3.69	1.27
Q24.	25	22	55	99	107	3.78	1.23
Q25.	27	15	57	111	98	3.77	1.20

Question	Q22.	Q23.	Q24.	Q25.
Q22.				
Q23.	.64			
Q24.	.60	.70		
Q25.	.61	.63	.56	

Category 7: Expectations (n=308)

The instructor…
Q26. Sets high standards for student learning (#10)
Q27. Expects student to be engaged learners (#14)
Q28. Clearly explains course objectives and requirements in the syllabus (#17)
Q29. Clarifies course expectations appropriately

Question	Not Helpful at All – 1	2	3	4	Extremely Helpful – 5	$\overline{X}$	SD
Q26.	**18**	**8**	**53**	**114**	**115**	**3.97**	**1.09**
Q27.	**25**	**18**	**38**	**110**	**117**	**3.90**	**1.21**
Q28.	**23**	**14**	**56**	**108**	**107**	**3.85**	**1.17**
Q29.	24	19	66	101	98	3.75	1.19

Question	Q26.	Q27.	Q28.	Q29.
Q26.				
Q27.	**.70**			
Q28.	**.52**	**.52**		
Q29.	.54	.57	.64	

Category 8: Course Organization & Clarity (n=307)

The instructor…
Q30. Is well prepared for each class (#5)
Q31. Makes good use of class time (#15)
Q32. Presents material in an organized manner (#7)
Q33. Conducts class regularly and as scheduled

Question	Not Helpful at All – 1	2	3	4	Extremely Helpful – 5	$\overline{X}$	*SD*
Q30.	**17**	**14**	**27**	**124**	**125**	**4.06**	**1.08**
Q31.	**23**	**15**	**51**	**102**	**116**	**3.89**	**1.19**
Q32.	**20**	**9**	**37**	**113**	**128**	**4.04**	**1.12**
Q33.	45	28	47	71	116	3.60	1.44

Question	Q30.	Q31.	Q32.	Q33.
Q30.				
Q31.	**.79**			
Q32.	**.60**	**.61**		
Q33.	.57	.52	.48	

For Discussion

5

Category Rankings

Category 1: Feedback & Assessment (#3[2])

Ranking	Count	Percentage
1	42	12.8
2	42	12.8
3	**57**	**17.3**
4	**49**	**14.9**
5	40	12.2
6	39	11.9
7	21	6.4
8	15	4.6

Category 2: Instructor Availability (#7)

Ranking	Count	Percentage
1	9	2.7
2	13	4.0
3	22	6.7
4	28	8.5
5	44	13.4
6	48	14.6
7	**52**	**15.8**
8	**89**	**27.1**

Category 3: Engagement in Learning & Connections (#2)

Ranking	Count	Percentage
1	**62**	**18.8**
2	**57**	**17.3**
3	41	12.5
4	40	12.2
5	32	9.7
6	31	9.4
7	21	6.4
8	21	6.4

Category 4: Instructor Effectiveness & Environment (#1)

Ranking	Count	Percentage
1	**87**	**26.4**
2	**59**	**17.9**
3	34	10.3
4	41	12.5
5	28	8.5
6	25	7.6
7	20	6.1
8	11	3.3

Category 5: Instructor Communication (#5-Tied)

Ranking	Count	Percentage
1	19	5.8
2	25	7.6
3	**51**	**15.5**
4	37	11.2
5	**52**	**15.8**
6	46	14.0
7	**62**	**18.8**
8	13	4.0

Category 6: Assignments (#6)

Ranking	Count	Percentage
1	10	3.0
2	16	4.9
3	25	7.6
4	46	14.0
5	36	10.9
6	**54**	**16.4**
7	58	17.6
8	**60**	**18.2**

Category 7: Expectations (#5-Tied)

Ranking	Count	Percentage
1	25	7.6
2	**42**	**12.8**
3	38	11.6
4	36	10.9
5	37	11.2
6	34	10.3
7	**51**	**15.5**
8	**42**	**12.8**

Category 8: Course Organization & Clarity (#4)

Ranking	Count	Percentage
1	**51**	**15.5**
2	**51**	**15.5**
3	37	11.2
4	28	8.5
5	36	10.9
6	28	8.5
7	20	6.1
8	**54**	**16.4**

Question Means (Items above Grand Mean of 3.82)

	Question	Mean	Std. Deviation	Category	Category Ranking[2]
#1	Q14	4.17	1.087	4	1
#2	Q8	4.16	1.038	3	2
#3	Q3	4.15	1.067	1	3
#4	Q1	4.09	1.141	1	3
#5	Q30	4.06	1.084	8	4
#6	Q17	4.05	1.142	5	5
#7	Q32	4.04	1.115	8	4
#8	Q6	3.99	1.196	2	7
#9	Q10	3.99	1.211	3	2
#10	Q26	3.98	1.086	7	5
#11	Q18	3.97	1.186	5	5
#12	Q20	3.93	1.138	5	5
#13	Q16	3.91	1.102	4	1
#14	Q27	3.90	1.211	7	5
#15	Q31	3.89	1.186	8	4
#16	Q21	3.86	1.233	5	5
#17	Q28	3.86	1.166	7	5

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[2] We multiplied the number of people who ranked the category at each priority level by the priority level (i.e., 42 ranked as 1 = 42 points, plus 38 at 2 = 72 points, etc.) and summed them up for a total weighting per category.