

Overall Section Rating

ENGG519 LEC 01 -- Engineering Entrepreneurship

Fall 2015

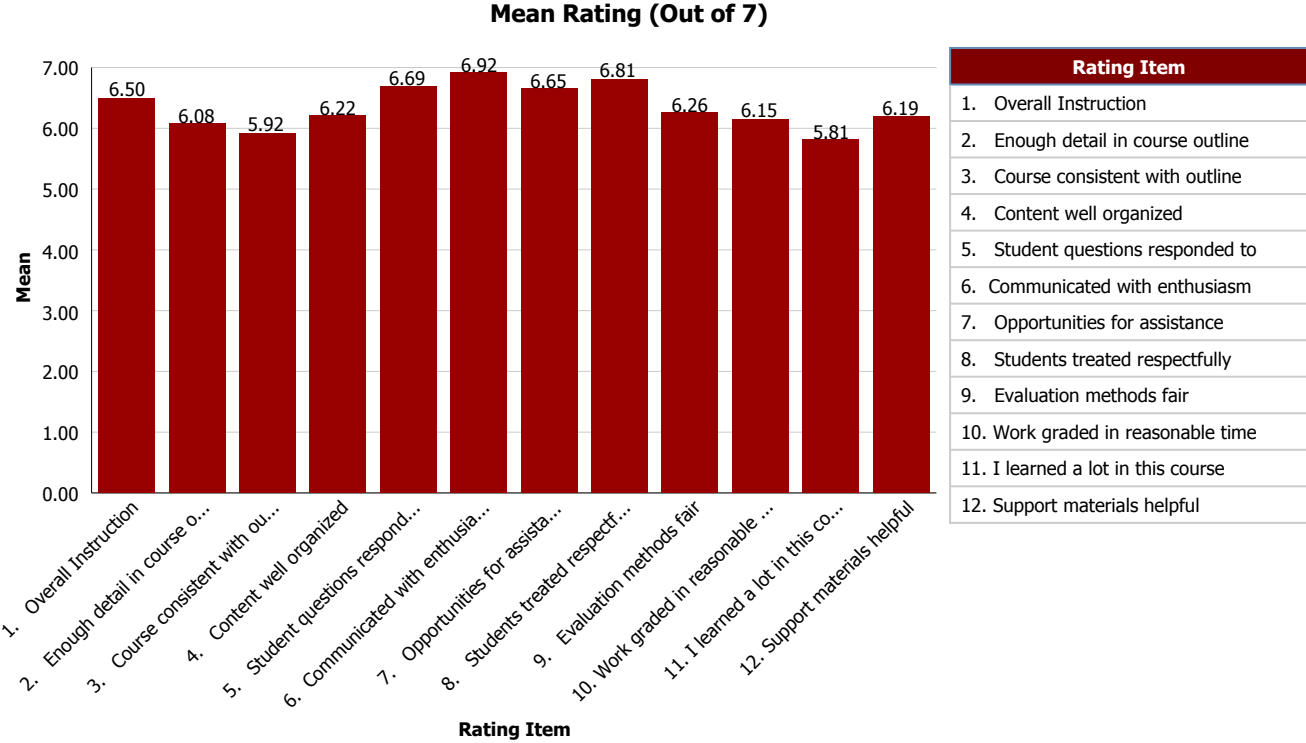
Survey Instructor: **A. Bruton**

Number of times the instructor has taught this course (last 10 years including the current term): **1**

USRI enrolment: **32**

Valid instruments received: **27**

Response rate: **84.38%**



UNIVERSAL STUDENT RATINGS OF INSTRUCTION (REPORTING ONLY)

Rating Item	Comparators 500						Frequency Distribution (% of respondents)							
	This Section		This Dept		This Faculty		Unacceptable (=1)	Very Poor (=2)	Poor (=3)	Satisfactory (=4)	Good (=5)	Very Good (=6)	Excellent (=7)	N/A
	Mean	SD	Mean	SD	Mean	SD								
1. Overall Instruction	6.50	0.84	5.09	1.82	5.54	1.41	0.00	0.00	0.00	7.70	0.00	26.90	65.40	0.00
Rating Item	Mean	SD	Mean	SD	Mean	SD	Strongly Disagree (=1)	Disagree (=2)	Some-What Disagree (=3)	Neither (=4)	Some-What Agree (=5)	Agree (=6)	Strongly Agree (=7)	N/A
2. Enough detail in course outline	6.08	1.29	5.59	1.44	5.89	1.25	0.00	0.00	12.00	0.00	8.00	28.00	52.00	0.00
3. Course consistent with outline	5.92	1.58	5.63	1.47	5.92	1.26	0.00	4.20	12.50	4.20	0.00	25.00	54.20	0.00
4. Content well organized	6.22	1.13	5.21	1.78	5.58	1.61	0.00	0.00	7.40	0.00	11.10	25.90	55.60	0.00
5. Student questions responded to	6.69	0.54	5.43	2.02	5.96	1.34	0.00	0.00	0.00	0.00	3.90	23.10	73.10	0.00
6. Communicated with enthusiasm	6.92	0.27	5.77	1.79	6.19	1.15	0.00	0.00	0.00	0.00	0.00	7.70	92.30	0.00
7. Opportunities for assistance	6.65	0.62	5.56	1.62	5.90	1.29	0.00	0.00	0.00	0.00	7.70	19.20	73.10	0.00
8. Students treated respectfully	6.81	0.62	5.83	1.78	6.30	1.09	0.00	0.00	0.00	3.90	0.00	7.70	88.50	0.00
9. Evaluation methods fair	6.26	1.11	4.98	2.17	5.68	1.57	0.00	3.70	0.00	0.00	14.80	25.90	55.60	0.00
10. Work graded in reasonable time	6.15	1.01	5.66	1.33	5.90	1.28	0.00	0.00	3.70	0.00	22.20	25.90	48.20	0.00
11. I learned a lot in this course	5.81	1.68	5.03	1.92	5.68	1.52	0.00	11.10	3.70	0.00	18.50	11.10	55.60	0.00
12. Support materials helpful	6.19	1.25	5.34	1.68	5.48	1.56	0.00	0.00	7.40	7.40	3.70	22.20	59.30	0.00

UNIVERSAL STUDENT RATINGS OF INSTRUCTION (REPORTING ONLY)

Demographics For Rating Item 1 - 6

Note: Starting Fall 2010 student EMPLID's are not being collected, therefore, only selected demographic data are reported.

Note: In order to protect student confidentiality, category results are withheld (indicated by WH) if there are 3 or less respondents in any cell for that category.

			Rating Item											
			1		2		3		4		5		6	
		% of Resp	Mean	SD	Mean	SD	Mean	SD	Mean	SD	Mean	SD	Mean	SD
Program Requirement	Required	3.1	WH	WH	WH	WH	WH	WH	WH	WH	WH	WH	WH	WH
	Choice of several	31.2	6.33	1.25	5.89	1.59	6.00	1.70	6.20	1.25	6.56	0.68	7.00	0.00
	Not required	46.9	6.67	0.47	6.21	1.15	5.86	1.55	6.27	1.12	6.80	0.40	6.93	0.25
	Unknown	3.1	WH	WH	WH	WH	WH	WH	WH	WH	WH	WH	WH	WH
Course in Department	Yes	71.9	6.43	0.88	5.95	1.33	5.76	1.63	6.13	1.19	6.65	0.56	6.91	0.29
	No	9.4	WH	WH	WH	WH	WH	WH	WH	WH	WH	WH	WH	WH
	Major unknown	0.0	**	**	**	**	**	**	**	**	**	**	**	**
	Unknown	3.1	WH	WH	WH	WH	WH	WH	WH	WH	WH	WH	WH	WH
Class Attendance	0-40%	0.0	**	**	**	**	**	**	**	**	**	**	**	**
	41-80%	3.1	WH	WH	WH	WH	WH	WH	WH	WH	WH	WH	WH	WH
	81-100%	78.1	6.60	0.69	6.21	1.15	6.09	1.38	6.28	1.15	6.76	0.43	6.92	0.28
	Not Applicable	0.0	**	**	**	**	**	**	**	**	**	**	**	**
	Unknown	3.1	WH	WH	WH	WH	WH	WH	WH	WH	WH	WH	WH	WH
Workload	Much lower	0.0	**	**	**	**	**	**	**	**	**	**	**	**
	Lower	9.4	WH	WH	WH	WH	WH	WH	WH	WH	WH	WH	WH	WH
	About the same	18.8	6.67	0.47	6.00	1.41	6.20	1.60	6.17	1.46	6.67	0.47	7.00	0.00
	Higher	31.2	6.40	0.92	5.89	1.29	6.00	1.49	6.40	0.66	6.60	0.66	6.80	0.40
	Much higher	21.9	6.43	1.05	6.00	1.31	5.14	1.64	5.71	1.39	6.71	0.45	7.00	0.00
	Unknown	3.1	WH	WH	WH	WH	WH	WH	WH	WH	WH	WH	WH	WH
Expected Grade	A+,A,A-	53.1	6.65	0.76	6.47	0.98	6.18	1.38	6.41	1.09	6.76	0.42	6.94	0.24
	B+, B, B-	28.1	6.25	0.97	5.29	1.58	5.17	1.95	5.89	1.20	6.50	0.71	7.00	0.00
	C+, C, C-	0.0	**	**	**	**	**	**	**	**	**	**	**	**
	D+,D,F	0.0	**	**	**	**	**	**	**	**	**	**	**	**
	Pass	0.0	**	**	**	**	**	**	**	**	**	**	**	**
	N/A	3.1	WH	WH	WH	WH	WH	WH	WH	WH	WH	WH	WH	WH
	Unknown	0.0	**	**	**	**	**	**	**	**	**	**	**	**

UNIVERSAL STUDENT RATINGS OF INSTRUCTION (REPORTING ONLY)

Demographics For Rating Item 7 - 12

Note: Starting Fall 2010 student EMPLID's are not being collected, therefore, only selected demographic data are reported.

Note: In order to protect student confidentiality, category results are withheld (indicated by WH) if there are 3 or less respondents in any cell for that category.

			Rating Item											
			7		8		9		10		11		12	
		% of Resp	Mean	SD	Mean	SD	Mean	SD	Mean	SD	Mean	SD	Mean	SD
Program Requirement	Required	3.1	WH	WH	WH	WH	WH	WH	WH	WH	WH	WH	WH	WH
	Choice of several	31.2	6.78	0.42	6.60	0.92	6.20	1.54	6.40	0.66	6.00	2.00	6.30	1.42
	Not required	46.9	6.60	0.71	7.00	0.00	6.33	0.70	6.07	1.18	5.73	1.53	6.20	1.17
	Unknown	3.1	WH	WH	WH	WH	WH	WH	WH	WH	WH	WH	WH	WH
Course in Department	Yes	71.9	6.61	0.64	6.82	0.65	6.17	1.17	6.04	1.04	5.61	1.74	6.04	1.30
	No	9.4	WH	WH	WH	WH	WH	WH	WH	WH	WH	WH	WH	WH
	Major unknown	0.0	**	**	**	**	**	**	**	**	**	**	**	**
	Unknown	3.1	WH	WH	WH	WH	WH	WH	WH	WH	WH	WH	WH	WH
Class Attendance	0-40%	0.0	**	**	**	**	**	**	**	**	**	**	**	**
	41-80%	3.1	WH	WH	WH	WH	WH	WH	WH	WH	WH	WH	WH	WH
	81-100%	78.1	6.64	0.62	6.96	0.20	6.44	0.75	6.20	1.02	5.92	1.55	6.24	1.21
	Not Applicable	0.0	**	**	**	**	**	**	**	**	**	**	**	**
	Unknown	3.1	WH	WH	WH	WH	WH	WH	WH	WH	WH	WH	WH	WH
Workload	Much lower	0.0	**	**	**	**	**	**	**	**	**	**	**	**
	Lower	9.4	WH	WH	WH	WH	WH	WH	WH	WH	WH	WH	WH	WH
	About the same	18.8	6.83	0.37	7.00	0.00	6.67	0.75	6.00	1.41	6.33	0.94	6.67	0.47
	Higher	31.2	6.50	0.67	6.60	0.92	6.00	1.48	6.10	0.94	5.90	1.51	6.30	1.00
	Much higher	21.9	6.57	0.73	7.00	0.00	6.00	0.76	6.29	0.70	4.57	2.06	5.14	1.64
	Unknown	3.1	WH	WH	WH	WH	WH	WH	WH	WH	WH	WH	WH	WH
Expected Grade	A+,A,A-	53.1	6.76	0.55	6.94	0.24	6.47	0.78	6.41	0.77	5.94	1.76	6.12	1.41
	B+, B, B-	28.1	6.63	0.48	6.50	1.00	5.89	1.52	5.78	1.23	5.67	1.56	6.33	0.94
	C+, C, C-	0.0	**	**	**	**	**	**	**	**	**	**	**	**
	D+,D,F	0.0	**	**	**	**	**	**	**	**	**	**	**	**
	Pass	0.0	**	**	**	**	**	**	**	**	**	**	**	**
	N/A	3.1	WH	WH	WH	WH	WH	WH	WH	WH	WH	WH	WH	WH
	Unknown	0.0	**	**	**	**	**	**	**	**	**	**	**	**

Guide to Interpreting the Universal Student Ratings of Instruction

The purpose of the University of Calgary Universal Student Ratings of Instruction (USRI) is to provide a common measure of instruction that can be used by students in course selection, by instructors to enhance their instructional activities and by administrators responsible for the evaluation of instruction. These ratings are not the only the source of information regarding course instruction, and they are not intended to be used as the sole basis for the administrative evaluation of instruction. It should also be recognized that the reliability of rating information is affected by class size, and that caution should be exercised in interpreting rating results from small classes. The information that the ratings provide and some of their limitations are discussed in more detail below.

Care has been taken in the provision of these ratings to protect the confidentiality of students and instructors. Ratings will not be reported to anyone (including the instructors) if the number of valid responses is 3 or less. Individual data items are withheld if they could be attributed to specific students or specific other instructors.

Students, instructors, and administrators are strongly encouraged to review the GFC USRI document for an understanding of the policies and guidelines that apply to use of these ratings.

Number of times this instructor has taught this course (last 10 years)

This figure shows the number of times, including this one, that the instructor had taught this course. A course taught over two terms (full year course) is counted once.

Response Rate / Valid Instrument

The response rate is the number of valid instruments received divided by the number of registered students times 100.

A valid instrument contains at least one valid response to ANY of the questionnaire items. Prior to Fall 2010 a valid instrument is one that contains a UCID confirming that the student is registered in the section. Starting Fall 2010 the USRI survey no longer asks for students to report their UCID.

Rating Items

The text of the 12 rating items has been abbreviated for display purposes. See the Universal Student Ratings of Instruction Instrument for the exact wording to which the students responded.

Mean Ratings

The 'mean' is the most commonly used measure of 'central tendency' of a distribution of scores, and is what most people mean by the term 'average'. In this case it is calculated by adding up all the ratings from 1 to 7 (blank and N/A are excluded) on each item and then dividing that sum by the number of included responses.

For 'Overall Instruction', the mean ranges from 1.00 (Unacceptable) to 7.00 (Excellent). For the other 11 rating items, the mean ranges from 1.00 (Strongly Disagree) to 7.00 (Strongly Agree).

Comparison of the means is the most common way to evaluate differences between distributions (e.g., between courses or different rating items in the same course). For distributions that are skewed, asymmetrical and/or based on small classes, comparisons of the means are less informative.

Standard Deviation (SD)

The 'standard deviation' is a widely used measure of the variability of a set of scores, and simply represents the degree to which scores in a distribution vary from its mean. In the 'bell-shaped' distribution that is the basis for many statistics, 68% of cases would be found between one standard deviation below the mean and one standard deviation above it (i.e., 34% above and 34% below). The standard deviation provides useful information regarding the consistency of a set of scores, and is also useful for evaluating the significance of any differences between two or more means. The higher the standard deviation, the greater the difference between the means must be to be meaningful.

For USRI ratings, the 'grouped frequency distribution' algorithm was used to calculate the standard deviation. Blank and 'N/A' responses are not included in the calculation.

Comparators

These are the mean and standard deviation of aggregated ratings for 'comparator' course sections in the same department and faculty. Comparator sections have the same course level, i.e. the same first digit in the course number.

UNIVERSAL STUDENT RATINGS OF INSTRUCTION (REPORTING ONLY)

Department comparators are withheld if there is only one other comparator section in the department, to protect the privacy of the other instructor.

Distribution of responses

These are the percentages of respondents for each possible answer for each rating item. Apart from rounding errors the percentages for each rating item should add to 100%. Blank responses are not included in these figures.

Careful inspection of the frequency distribution can provide valuable information regarding the overall rating, including the shape, symmetry, and consistency of the distribution, and the extent to which it is based on extreme scores.

Demographic categories

Pressing one of the 'Demographics' buttons will display means and standard deviations for each rating item broken down by various categories.

Data for categories that could be used to identify particular students will be withheld (the cell will contain 'WH') if any of the cells in that category contain only 1, 2, or 3 students. An asterisk (*) in any cell indicates that there were no responses for that category for that rating item.

Cross-Linked Courses

Cross-linked courses, i.e. those that are taught by the same instructor at the same time, are treated separately for the purposes of USRI. Ratings are based on the responses given by students registered in each course. Exemptions apply to each course separately, so it is possible for one course to be published and the other not.

Departmental comparators are based on the department in which the course is offered, as determined by the Registrar's Office. This may or may not be the same for both courses.

Combined Classes

Multiple sections or courses taught together are surveyed together, and therefore, results are reported based on the aggregated responses and enrollment.

Exemptions

Ratings for a particular course may not appear in this system for a number of reasons. Courses with 8 or fewer registered students are generally not surveyed. Tutorial and Laboratory sections are only surveyed if they are the primary section for the course. Results will be published provided that they meet the following criteria: classes with 40 or more students must have at least 20% response rate; classes with fewer than 40 students must have at least 8 respondents. Instructors may opt-out from publishing due to extenuating circumstances.

Copyright notice

These ratings are copyrighted by the University and are not to be used for anything other than their intended purpose, as outlined in the GFC USRI document.