College of Arts and Sciences Survey
201520_Spring_2015

American University of Sharjah
College of Arts & Sciences
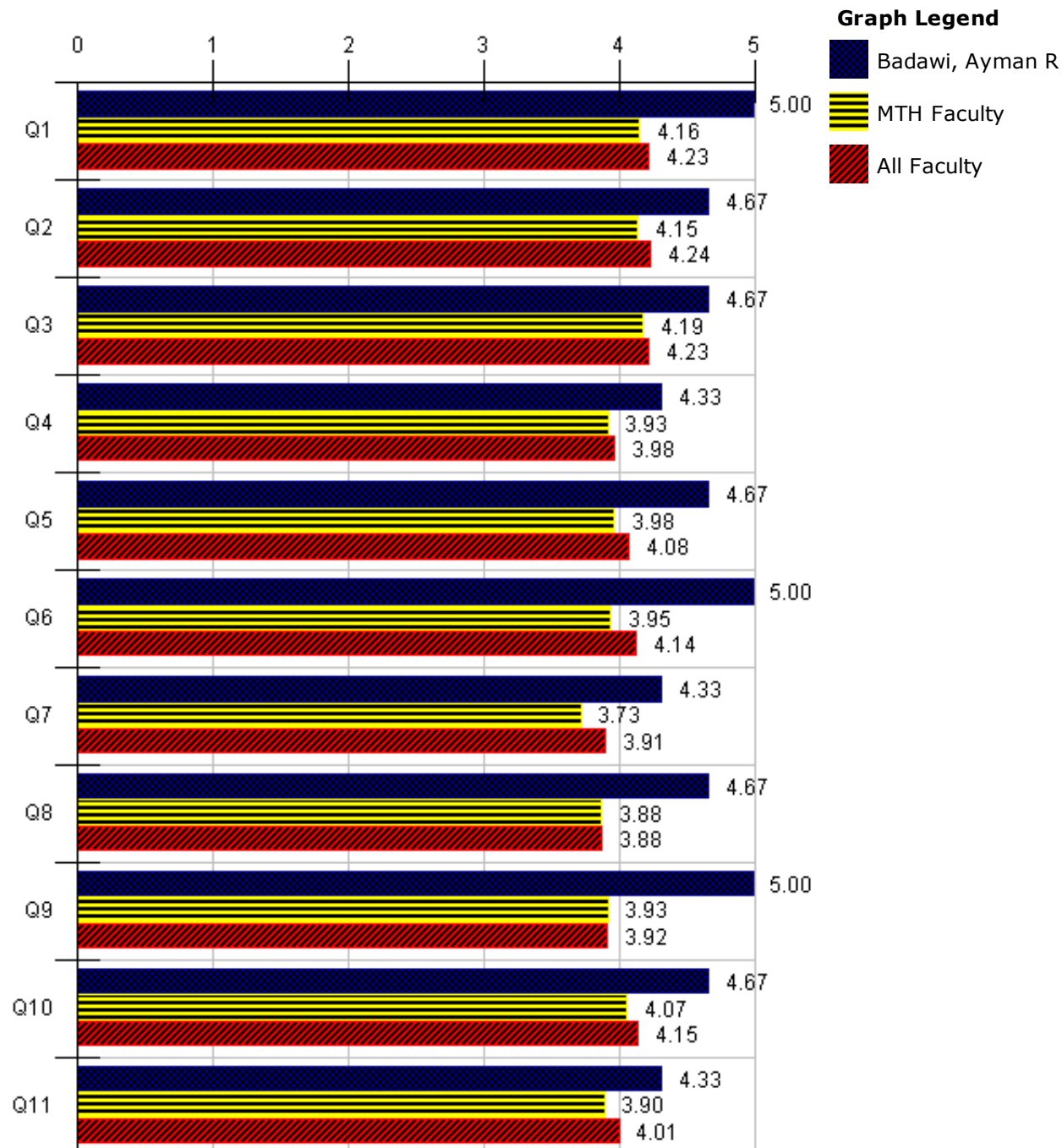
Course: MTH512 01 - Advanced Linear Algebra

Department: MTH

Responsible Faculty: Ayman Badawi

Responses / Expected: 3 / 7 (42.86%)

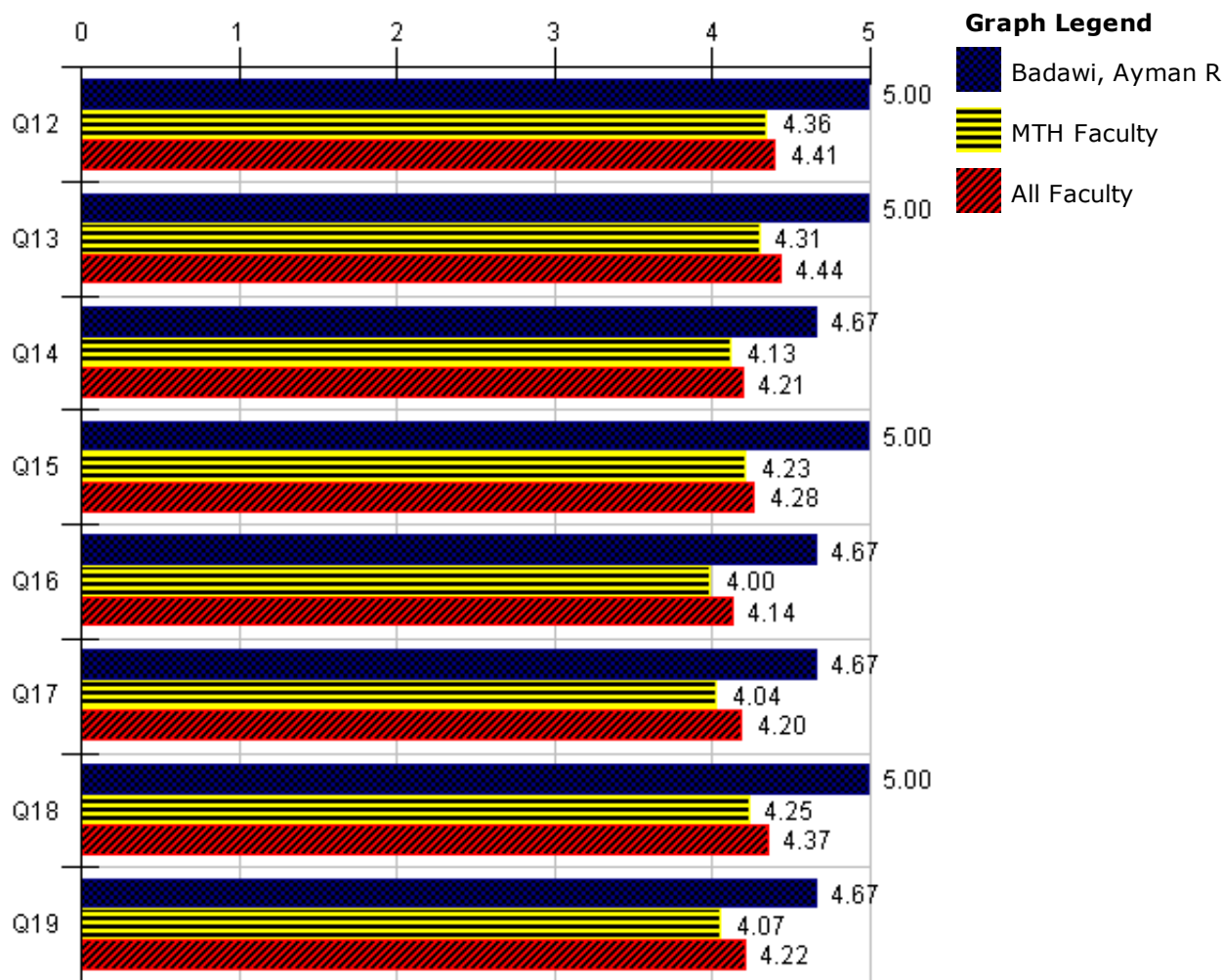**Overall Mean:** **4.74** Reversed 5-Point Likert Scale   (57 responses)

Graph Legend
- Badawi, Ayman R
- MTH Faculty
- All Faculty

Question	Badawi, Ayman R	MTH Faculty	All Faculty
Q1	5.00	4.16	4.23
Q2	4.67	4.15	4.24
Q3	4.67	4.19	4.23
Q4	4.33	3.93	3.98
Q5	4.67	3.98	4.08
Q6	5.00	3.95	4.14
Q7	4.33	3.73	3.91
Q8	4.67	3.88	3.88
Q9	5.00	3.93	3.92
Q10	4.67	4.07	4.15
Q11	4.33	3.90	4.01

CAS - Course & Faculty
Course Experience

Badawi, Ayman R

--- Survey Comparisons ---

		SA	A	N	D	SD	N	Mean	Med.	Mode	Std Dev	MTH N	MTH Mean	Pct Rnk	All N	All Mean	Pct Rnk
Q1	The course was well organised	3	0	0	0	0	3	5.00	5	5	0	2.4K	4.16	99	11K	4.23	100
Q2	The course objectives were carefully and clearly defined	2	1	0	0	0	3	4.67	5	5	.47	2.4K	4.15	95	11K	4.24	90
Q3	The course grading scheme was clearly defined	2	1	0	0	0	3	4.67	5	5	.47	2.4K	4.19	92	11K	4.23	92
Q4	The textbook(s) and supplemented material were useful to your understanding of the course content	1	2	0	0	0	3	4.33	4	4	.47	2.4K	3.93	87	11K	3.98	83
Q5	The assignments and reading material were helpful in improving your understanding of the subject	2	1	0	0	0	3	4.67	5	5	.47	2.4K	3.98	97	11K	4.08	95
Q6	The classroom interaction helped you learn and understand the material	3	0	0	0	0	3	5.00	5	5	0	2.4K	3.95	99	11K	4.14	100
Q7	The course made you want to learn more about the subject	2	0	1	0	0	3	4.33	5	5	.94	2.4K	3.73	89	11K	3.91	81
Q8	The course was demanding compared to other courses	2	1	0	0	0	3	4.67	5	5	.47	2.4K	3.88	98	11K	3.88	98
Q9	The course had high standards compared to other courses	3	0	0	0	0	3	5.00	5	5	0	2.4K	3.93	99	11K	3.92	100
Q10	The course objectives were accomplished	2	1	0	0	0	3	4.67	5	5	.47	2.4K	4.07	98	11K	4.15	95
Q11	Overall, this course was excellent	2	0	1	0	0	3	4.33	5	5	.94	2.4K	3.90	77	11K	4.01	74

Responses: [**SA**] Strongly Agree=5 [**A**] Agree=4 [**N**] Neutral=3 [**D**] Disagree=2 [**SD**] Strongly Disagree=1

Pct Rnk: Percentile Rank (100 is best, calculated vs. precise Mean)

Graph Legend
■ Badawi, Ayman R
▤ MTH Faculty
▨ All Faculty

Q12: 5.00 / 4.36 / 4.41
Q13: 5.00 / 4.31 / 4.44
Q14: 4.67 / 4.13 / 4.21
Q15: 5.00 / 4.23 / 4.28
Q16: 4.67 / 4.00 / 4.14
Q17: 4.67 / 4.04 / 4.20
Q18: 5.00 / 4.25 / 4.37
Q19: 4.67 / 4.07 / 4.22

		Badawi, Ayman R											**--- Survey Comparisons ---**					
CAS - Course & Faculty **Course Instructor**		**Responses**						**Individual**				**MTH**			**All**		
		SA	A	N	D	SD	N	Mean	Med.	Mode	Std Dev	N	Mean	Pct Rnk	N	Mean	Pct Rnk
Q12	The instructor started and finished the class on time	3	0	0	0	0	**3**	**5.00**	5	5	0	**2.4K**	**4.36**	98	**11K**	**4.41**	99
Q13	The instructor was ready to answer your questions	3	0	0	0	0	**3**	**5.00**	5	5	0	**2.4K**	**4.31**	98	**11K**	**4.44**	99
Q14	The instructor evaluated your work fairly	2	1	0	0	0	**3**	**4.67**	5	5	.47	**2.4K**	**4.13**	88	**11K**	**4.21**	89
Q15	The instructor evaluated your work on time	3	0	0	0	0	**3**	**5.00**	5	5	0	**2.4K**	**4.23**	99	**11K**	**4.28**	99
Q16	The instructor's comments on your work were clear, specific and helpful	2	1	0	0	0	**3**	**4.67**	5	5	.47	**2.4K**	**4.00**	93	**11K**	**4.14**	91
Q17	The instructor was very effective in helping you understand the course	2	1	0	0	0	**3**	**4.67**	5	5	.47	**2.4K**	**4.04**	87	**11K**	**4.20**	86

material

Q18	The instructor demonstrated a thorough knowledge of the subject	3	0	0	0	0	**3**	**5.00**	5	5	0	**2.4K**	**4.25**	98	**11K**	**4.37**	99
Q19	Overall, the instructor was excellent	2	1	0	0	0	**3**	**4.67**	5	5	.47	**2.4K**	**4.07**	86	**11K**	**4.22**	84

Responses: [**SA**] Strongly Agree=5 [**A**] Agree=4 [**N**] Neutral=3 [**D**] Disagree=2 [**SD**] Strongly Disagree=1

Pct Rnk: Percentile Rank (100 is best, calculated vs. precise Mean)

Q20 - Please enter below any comments on how the course should be improved

Faculty: Badawi, Ayman R

Response Rate: 33.33% (**1** of **3**)

- More examples and assignments should be given. But the course was excellent. One of the best courses I have taken in Masters

Q21 - Please provide your instructor with helpful suggestions for improving his/her effectiveness

Faculty: Badawi, Ayman R

Response Rate: 33.33% (**1** of **3**)

- He is an amazing amazing professor and extremely knowledgeable about the material. He is keen to teach us how to write and understand math which I sincerely appreciate.

Q22 - Please enter specific comments, if relevant, on the role that Information Technology plays or could play in this course

Faculty: Badawi, Ayman R

Response Rate: 33.33% (**1** of **3**)

- I think we covered the Jordan form and part of the rational canonical form with about 4 weeks to spare which was really good coverage and we managed to cover a whole lot much more than I expected ; we did a lot of eigenvectors and eigenvalues which I always wanted to know well so I am glad the course covered it thoroughly. I feel like I learned the mathematics that I really need to know as a graduate student.

Q23 - Other comments

Faculty: Badawi, Ayman R

Response Rate: 33.33% (**1** of **3**)

- It is a brilliantly taught course and covering material that every graduate student should know.

  I think Dr Ayman taught it incredibly well; of course I have taken linear algebra as an undergraduate but I didn't remember much of it. I think he introduced all the material in a beautiful and comprehensive fashion making the experience very interesting for both the novice and experienced graduate student; that is in fact the surprising thing about his lectures they cater to every level of ability; I suppose in the language of education that would be mean the instruction is highly differentiated.

  Also the emphasis is on critical ideas and the methods of proof utilized exhibited are very beautiful and very aesthetically appealing. Moreover the focus is on covering critical ideas and not proof every proposition which frankly isn't pragmatic given the time constraints. The coverage of material was really good and I think we covered the Jordan form and part of the rational canonical form