

**201410: Fall 2013 Survey  
FA 2013**

**Northeastern University  
TRACE**

**Course:** MATH1341 08 - Calculus 1 for Sci/Engr

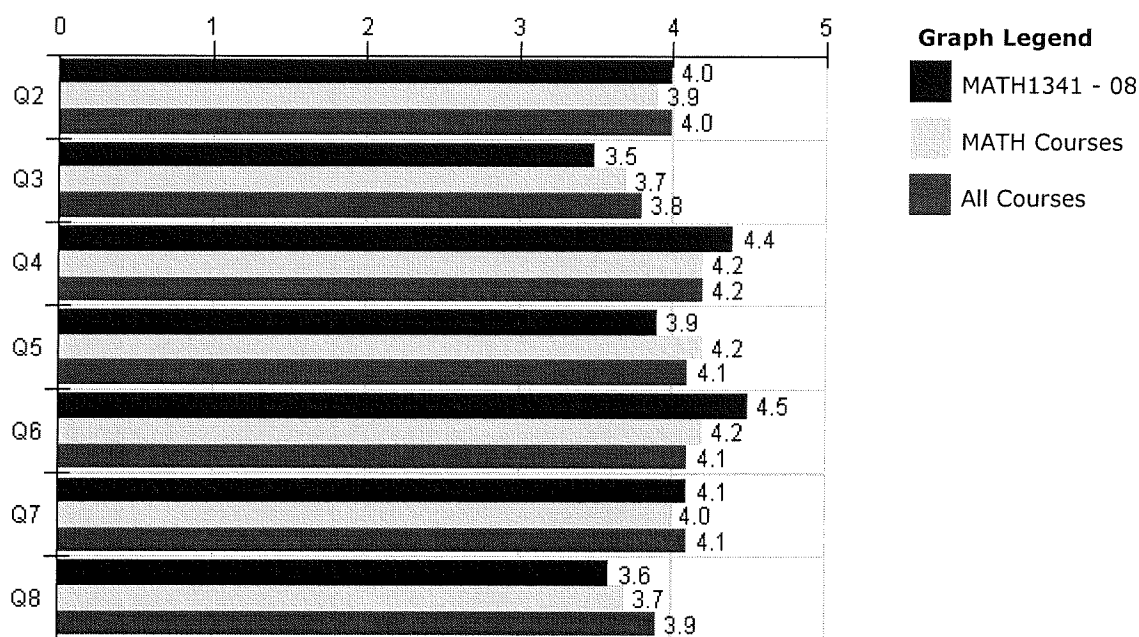
**Department:** MATH

**Responsible  
Faculty:** Ivan Loseu

**Responses / Expected:** 26 / 32

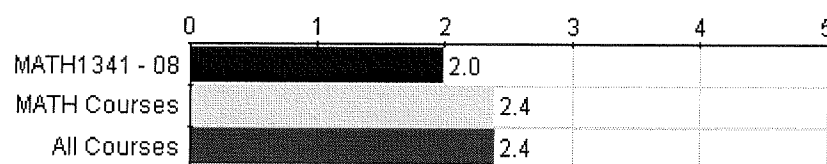
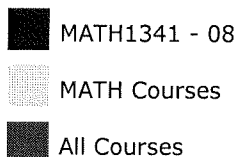
| Course Questions  | MATH1341 - 08 |     |    |      |        |         |         |      | --- Survey Comparisons --- |      |         |     |      |         |
|---|---------------|-----|----|------|--------|---------|---------|------|----------------------------|------|---------|-----|------|---------|
|   | Responses     |     |    |      | Course |         |         |      | MATH                       |      |         | All |      |         |
|   | IWP           | ICN | N  | Mean | Med.   | Std Dev | Std Err |      | N                          | Mean | Pct Rnk | N   | Mean | Pct Rnk |
| Q1<br>All responses are completely anonymous, and participation in the evaluation process is expected. However, you are permitted to opt out of completing this questionnaire by selecting "Opt Out." | 24            | 2   | 26 | 1.9  | 2      | .27     | .05     | 2.8K | 1.9                        | 62   | 51K     | 1.9 | 50   |         |

**Responses:** [IWP] I will participate=2 [ICN] I choose not to participate=1  
**Pct Rnk:** Percentile Rank (100 is best, calculated vs. precise Mean)



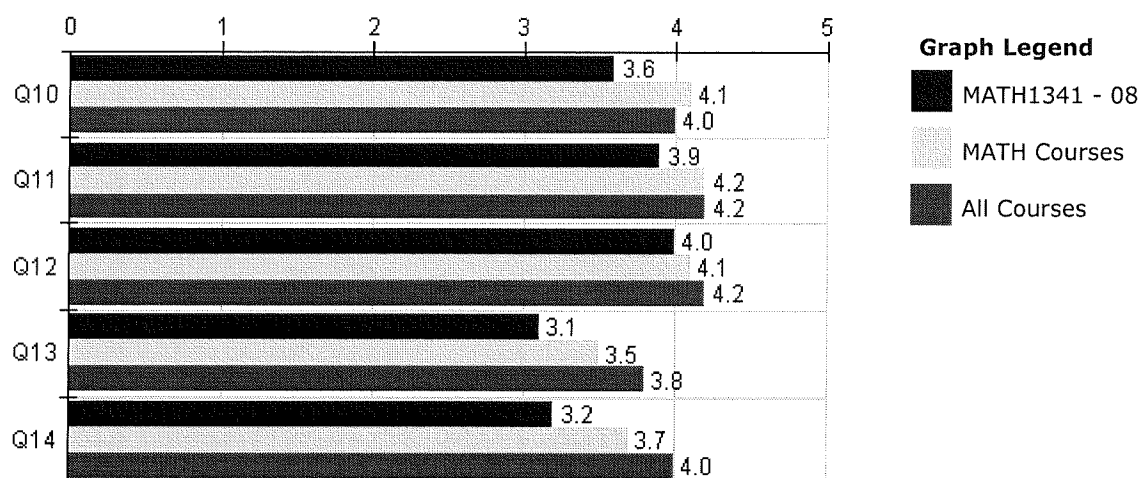
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|--|---------------|----|---|---|----|----|--------|------|---------|---------|--|----------------------------|------|---------|-----|------|---------|
|  | Responses     |    |   |   |    |    | Course |      |         |         |  | MATH                       |      |         | All |      |         |
|  | SA            | A  | N | D | SD | N  | Mean   | Med. | Std Dev | Std Err |  | N                          | Mean | Pct Rnk | N   | Mean | Pct Rnk |
| <b>Q2</b> The syllabus helped me to learn.                                       | 9             | 8  | 4 | 3 | 0  | 24 | 4.0    | 4    | 1.02    | .21     |  | 2.5K                       | 3.9  | 52      | 44K | 4.0  | 44      |
| <b>Q3</b> The textbook(s) helped me to learn.                                    | 6             | 6  | 8 | 2 | 2  | 24 | 3.5    | 3.5  | 1.19    | .24     |  | 2.4K                       | 3.7  | 37      | 38K | 3.8  | 29      |
| <b>Q4</b> The materials posted online, including Blackboard, helped me to learn. | 14            | 7  | 2 | 1 | 0  | 24 | 4.4    | 5    | .81     | .17     |  | 2.3K                       | 4.2  | 71      | 42K | 4.2  | 72      |
| <b>Q5</b> The out-of-class assignments and fieldwork helped me to learn.         | 7             | 5  | 8 | 1 | 0  | 21 | 3.9    | 4    | .94     | .21     |  | 2.4K                       | 4.2  | 16      | 43K | 4.1  | 22      |
| <b>Q6</b> The lectures helped me to learn.                                       | 14            | 8  | 1 | 1 | 0  | 24 | 4.5    | 5    | .76     | .16     |  | 2.5K                       | 4.2  | 60      | 44K | 4.1  | 69      |
| <b>Q7</b> The in-class discussions and activities helped me to learn.            | 9             | 10 | 4 | 1 | 0  | 24 | 4.1    | 4    | .83     | .17     |  | 2.3K                       | 4.0  | 45      | 44K | 4.1  | 42      |
| <b>Q8</b> The classroom technology helped me to learn.                           | 4             | 4  | 5 | 3 | 0  | 16 | 3.6    | 3.5  | 1.06    | .26     |  | 1.5K                       | 3.7  | 36      | 39K | 3.9  | 21      |

**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**

| Course Questions   | MATH1341 - 08 |   |   |    |   |        |      |      |         |         | --- Survey Comparisons --- |      |         |     |      |         |
|--|---------------|---|---|----|---|--------|------|------|---------|---------|----------------------------|------|---------|-----|------|---------|
|  | Responses     |   |   |    |   | Course |      |      |         |         | MATH                       |      |         | All |      |         |
|  | 1             | 1 | 9 | 5- | 1 | N      | Mean | Med. | Std Dev | Std Err | N                          | Mean | Pct Rnk | N   | Mean | Pct Rnk |
| Q9 The number of hours per week I devoted to this course including lectures, discussions, homework, reading, projects, assignments and tests | 0             | 0 | 7 | 11 | 6 | 24     | 2.0  | 2    | .73     | .15     | 2.5K                       | 2.4  | 16      | 46K | 2.4  | 34      |

**Responses:** [1] 17-20=5 [1] 13-16=4 [9] 9-12=3 [5-8] 5-8=2 [1-4] 1-4=1  
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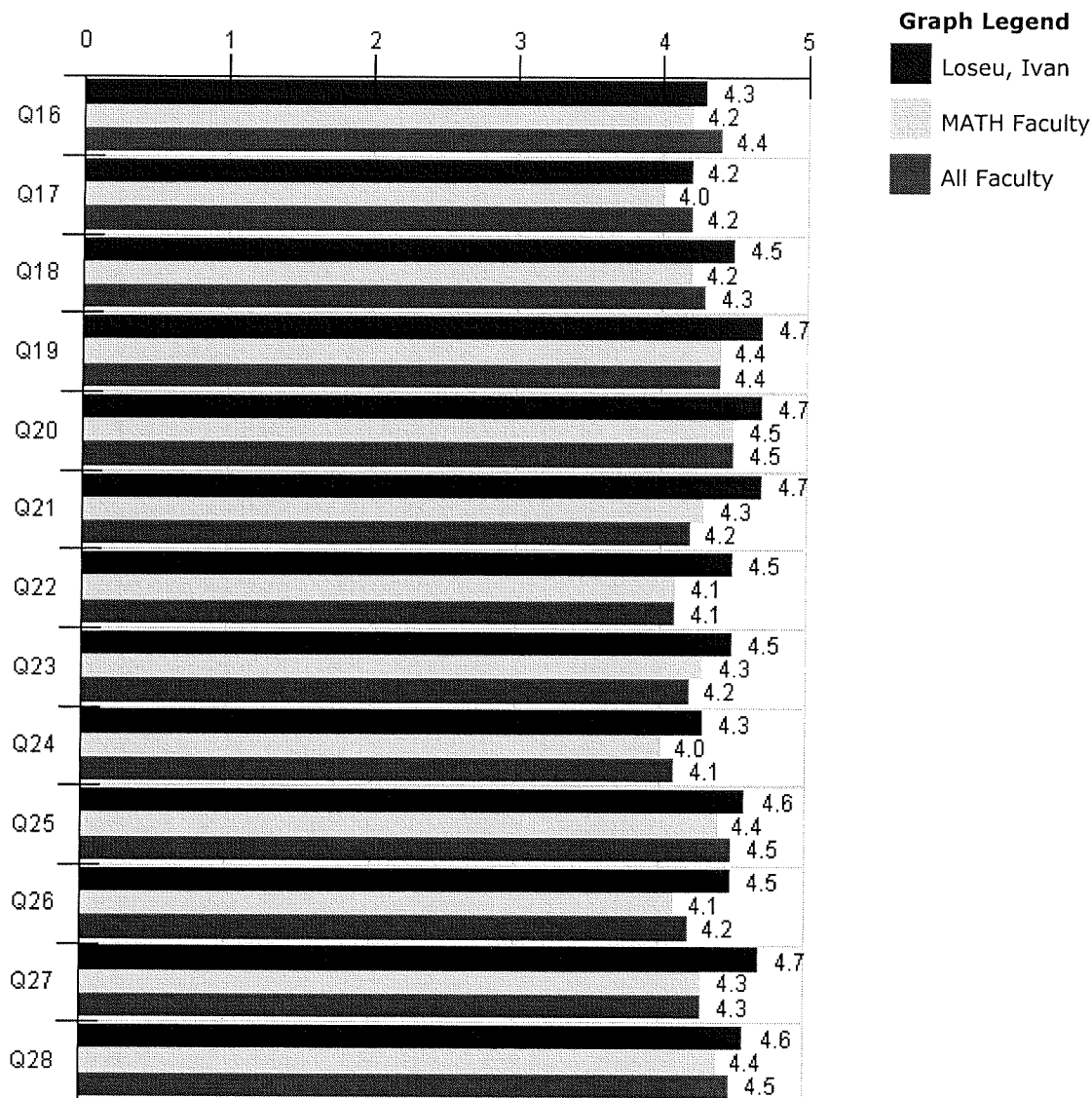
| Course Questions |   | MATH1341 - 08 |    |   |   |    |        |      |      |         |         | --- Survey Comparisons --- |      |         |     |      |         |
|------------------|---|---------------|----|---|---|----|--------|------|------|---------|---------|----------------------------|------|---------|-----|------|---------|
|                  |   | Responses     |    |   |   |    | Course |      |      |         |         | MATH                       |      |         | All |      |         |
|                  |   | SA            | A  | N | D | SD | N      | Mean | Med. | Std Dev | Std Err | N                          | Mean | Pct Rnk | N   | Mean | Pct Rnk |
| <b>Q10</b>       | I found this course intellectually challenging.                           | 5             | 8  | 7 | 2 | 1  | 23     | 3.6  | 4    | 1.05    | .22     | 2.5K                       | 4.1  | 8       | 45K | 4.0  | 21      |
| <b>Q11</b>       | I learned a lot in this course.   | 5             | 12 | 6 | 1 | 0  | 24     | 3.9  | 4    | .78     | .16     | 2.5K                       | 4.2  | 22      | 46K | 4.2  | 25      |
| <b>Q12</b>       | I learned to apply course concepts and principles.                        | 6             | 13 | 4 | 1 | 0  | 24     | 4.0  | 4    | .76     | .16     | 2.5K                       | 4.1  | 31      | 45K | 4.2  | 28      |
| <b>Q13</b>       | I developed additional skills in expressing myself orally and in writing. | 1             | 6  | 6 | 4 | 1  | 18     | 3.1  | 3    | .99     | .23     | 1.7K                       | 3.5  | 18      | 40K | 3.8  | 10      |
| <b>Q14</b>       | I learned to analyze and evaluate ideas, arguments, and points of view.   | 2             | 5  | 8 | 5 | 0  | 20     | 3.2  | 3    | .93     | .21     | 1.8K                       | 3.7  | 14      | 41K | 4.0  | 8       |

**Responses:** [SA] Strongly Agree=5 [A] Agree=4 [N] Neutral=3 [D] Disagree=2 [SD] Strongly Disagree=1  
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**Q15 - Please comment on the strengths of this course and/or ways to improve this course.**

**Response Rate: 23.08%** (6 of 26)

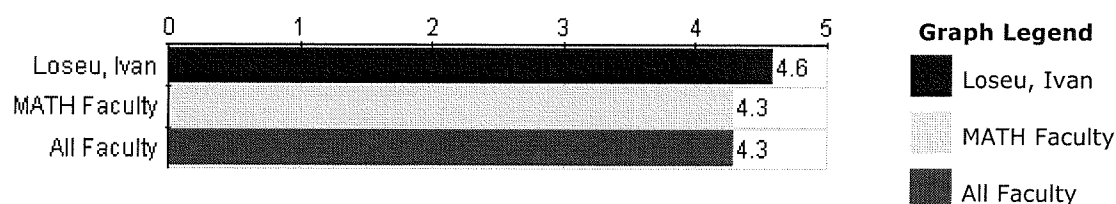
- Could have some more challenging problems on weekly tests.
- The course is really good.
- Pretty boring class.
- No need to improve the course I just took Calculus I already
- This course is very good, having a past with calculus this course helped me further fully grasp the concepts.
- I knew most of this from HS calculus, but it was informative regardless



| Instructor Questions   | Loseu, Ivan |    |   |   |    |    |            |      |         |         |  | --- Survey Comparisons --- |      |         |     |      |         |
|--|-------------|----|---|---|----|----|------------|------|---------|---------|--|----------------------------|------|---------|-----|------|---------|
|  | Responses   |    |   |   |    |    | Individual |      |         |         |  | MATH                       |      |         | All |      |         |
|  | SA          | A  | N | D | SD | N  | Mean       | Med. | Std Dev | Std Err |  | N                          | Mean | Pct Rnk | N   | Mean | Pct Rnk |
| <b>Q16</b> The instructor possessed the basic communications skills necessary to teach the course. | 10          | 12 | 2 | 0 | 0  | 24 | 4.3        | 4    | .62     | .13     |  | 2.5K                       | 4.2  | 54      | 47K | 4.4  | 35      |
| <b>Q17</b> The instructor clearly communicated ideas and information.                              | 10          | 9  | 4 | 1 | 0  | 24 | 4.2        | 4    | .85     | .17     |  | 2.5K                       | 4.0  | 53      | 47K | 4.2  | 36      |
| <b>Q18</b> The instructor clearly stated the objectives of the course.                             | 13          | 9  | 2 | 0 | 0  | 24 | 4.5        | 5    | .64     | .13     |  | 2.5K                       | 4.2  | 62      | 47K | 4.3  | 54      |
| <b>Q19</b> The instructor covered what was stated in the course objectives and syllabus.           | 16          | 8  | 0 | 0 | 0  | 24 | 4.7        | 5    | .47     | .10     |  | 2.5K                       | 4.4  | 75      | 47K | 4.4  | 72      |
| <b>Q20</b> The instructor came to class prepared to teach.   | 18          | 5  | 1 | 0 | 0  | 24 | 4.7        | 5    | .54     | .11     |  | 2.5K                       | 4.5  | 69      | 47K | 4.5  | 68      |

|            |  |    |   |   |   |   |           |            |   |     |     |             |            |    |            |            |    |
|------------|--|----|---|---|---|---|-----------|------------|---|-----|-----|-------------|------------|----|------------|------------|----|
| <b>Q21</b> | The instructor used class time effectively.  | 17 | 6 | 1 | 0 | 0 | <b>24</b> | <b>4.7</b> | 5 | .55 | .11 | <b>2.5K</b> | <b>4.3</b> | 76 | <b>47K</b> | <b>4.2</b> | 78 |
| <b>Q22</b> | The instructor provided sufficient feedback.   | 14 | 9 | 1 | 0 | 0 | <b>24</b> | <b>4.5</b> | 5 | .58 | .12 | <b>2.5K</b> | <b>4.1</b> | 78 | <b>47K</b> | <b>4.1</b> | 74 |
| <b>Q23</b> | The instructor fairly evaluated my performance.  | 14 | 9 | 1 | 0 | 0 | <b>24</b> | <b>4.5</b> | 5 | .58 | .12 | <b>2.5K</b> | <b>4.3</b> | 68 | <b>46K</b> | <b>4.2</b> | 70 |
| <b>Q24</b> | The instructor is someone I would recommend to other students.                                       | 13 | 7 | 3 | 1 | 0 | <b>24</b> | <b>4.3</b> | 5 | .85 | .17 | <b>2.5K</b> | <b>4.0</b> | 56 | <b>47K</b> | <b>4.1</b> | 51 |
| <b>Q25</b> | The instructor treated students with respect.  | 16 | 7 | 1 | 0 | 0 | <b>24</b> | <b>4.6</b> | 5 | .56 | .12 | <b>2.5K</b> | <b>4.4</b> | 63 | <b>47K</b> | <b>4.5</b> | 55 |
| <b>Q26</b> | The instructor acknowledged and took effective action when students did not understand the material. | 15 | 7 | 0 | 2 | 0 | <b>24</b> | <b>4.5</b> | 5 | .87 | .18 | <b>2.5K</b> | <b>4.1</b> | 72 | <b>46K</b> | <b>4.2</b> | 59 |
| <b>Q27</b> | The instructor was available to assist students outside of class.                                    | 16 | 8 | 0 | 0 | 0 | <b>24</b> | <b>4.7</b> | 5 | .47 | .10 | <b>2.5K</b> | <b>4.3</b> | 79 | <b>45K</b> | <b>4.3</b> | 78 |
| <b>Q28</b> | The instructor displayed enthusiasm for the course.  | 15 | 9 | 0 | 0 | 0 | <b>24</b> | <b>4.6</b> | 5 | .48 | .10 | <b>2.5K</b> | <b>4.4</b> | 64 | <b>47K</b> | <b>4.5</b> | 55 |

**Responses:** [SA] Strongly Agree=5 [A] Agree=4 [N] Neutral=3 [D] Disagree=2 [SD] Strongly Disagree=1  
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| Instructor Questions   | Loseu, Ivan |    |    |    |    |            |      |      |         |         | --- Survey Comparisons --- |      |         |     |      |         |
|--|-------------|----|----|----|----|------------|------|------|---------|---------|----------------------------|------|---------|-----|------|---------|
|  | Responses   |    |    |    |    | Individual |      |      |         |         | MATH                       |      |         | All |      |         |
|  | AAE         | UE | SE | RE | NE | N          | Mean | Med. | Std Dev | Std Err | N                          | Mean | Pct Rnk | N   | Mean | Pct Rnk |
| What is your overall rating of this instructor's teaching effectiveness?   | 17          | 5  | 2  | 0  | 0  | 24         | 4.6  | 5    | .63     | .13     | 2.5K                       | 4.3  | 68      | 48K | 4.3  | 64      |
| <b>Responses:</b> [AAE] Almost Always Effective=5 [UE] Usually Effective=4 [SE] Sometimes Effective=3 [RE] Rarely Effective=2 [NE] Never Effective=1<br><b>Pct Rnk:</b> Percentile Rank (100 is best, calculated vs. precise Mean) |             |    |    |    |    |            |      |      |         |         |                            |      |         |     |      |         |

### Q30 - Describe instructor's strengths, areas for improvement, and any additional comments.

**Faculty:** Loseu, Ivan

**Response Rate:** 30.77% (8 of 26)

- Find other ways to provoke student participation besides just asking.

Mr. Loseu is a very good instructor. He can express and deliver information very clearly. You'd understand the material. The instructor is perfect and I don't think there is an areas for improvement, maybe except the difficulty of exams. The quizzes where ridiculously easy but the midterm was unexpected a kind of difficult. Maybe students need more of a balance.

- I have never seen a professor who wanted his students to succeed more than Ivan.
- He is very enthusiastic and wants students to succeed. He is also really fun and quirky!

Ivan Loseu is a good professor who takes the class seriously. He is very open to questions and provides effective feedback. He sometimes struggled with broadening his explanation of a topic when something was unclear to a student, but I don't think it was a major problem.

- Very nice professor, very enthusiastic to teach, very knowledgeable
- The instructor knew all the material and was very enthusiastic while teaching, I was able to fully grasp concepts and ideas.
- I don't have a negative word to say about this professor, honestly. He was nice, he wanted to make sure we learned and he was an extremely effective teacher.