Initial Report

Last Modified: 04/27/2012

1. Please click the answer (strongly disagree, disagree, neither agree nor disagree, agree, or strongly agree) that best fits the question or comment below.

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| # | Question | Strongly Disagree | Disagree | Neither Agree nor Disagree | Agree | Strongly Agree | Responses | Mean |
| 1 | 1. I can solve for one or more unknowns from available information using appropriate methods. | 6 | 14 | 22 | 58 | 16 | 116 | 3.55 |
| 2 | 2. My Foundational Studies Quantitative Literacy course improved my ability to solve for one or more unknowns from available information using appropriate methods. | 9 | 15 | 26 | 45 | 20 | 115 | 3.45 |
| 3 | 3. I can represent and solve real-world problems using appropriate mathematical models. | 10 | 6 | 23 | 50 | 27 | 116 | 3.67 |
| 4 | 4. My Foundational Studies Quantitative Literacy course improved my ability to represent and solve real-world problems using appropriate mathematical models. | 10 | 12 | 24 | 48 | 22 | 116 | 3.52 |
| 5 | 5. I can answer questions using empirical methods. | 9 | 12 | 34 | 43 | 17 | 115 | 3.41 |
| 6 | 6. My Foundational Studies Quantitative Literacy course improved my ability to answer questions using empirical methods. | 9 | 14 | 29 | 47 | 17 | 116 | 3.42 |
| 7 | 7. I can critically evaluate quantitative arguments. | 9 | 8 | 26 | 54 | 18 | 115 | 3.56 |
| 8 | 8. My Foundational Studies Quantitative Literacy course improved my ability to evaluate quantitative arguments. | 9 | 16 | 24 | 48 | 18 | 115 | 3.43 |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Statistic | 1. I can solve for one or more unknowns from available information using appropriate methods. | 2. My Foundational Studies Quantitative Literacy course improved my ability to solve for one or more unknowns from available information using appropriate methods. | 3. I can represent and solve real-world problems using appropriate mathematical models. | 4. My Foundational Studies Quantitative Literacy course improved my ability to represent and solve real-world problems using appropriate mathematical models. | 5. I can answer questions using empirical methods. | 6. My Foundational Studies Quantitative Literacy course improved my ability to answer questions using empirical methods. | 7. I can critically evaluate quantitative arguments. | 8. My Foundational Studies Quantitative Literacy course improved my ability to evaluate quantitative arguments. |
| Min Value | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Max Value | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| Mean | 3.55 | 3.45 | 3.67 | 3.52 | 3.41 | 3.42 | 3.56 | 3.43 |
| Variance | 1.08 | 1.34 | 1.32 | 1.36 | 1.23 | 1.25 | 1.18 | 1.32 |
| Standard Deviation | 1.04 | 1.16 | 1.15 | 1.17 | 1.11 | 1.12 | 1.09 | 1.15 |
| Total Responses | 116 | 115 | 116 | 116 | 115 | 116 | 115 | 115 |