Results:

• Despite the associated course credit, 7 students (10%) did not turn in the assignment.

• When compared to a previous semester (control group), an independent samples Mann-Whitney U test did not reveal a significant difference between groups for the 4 questions (2.8 vs. 2.8).

• When non-participating student scores were removed from the data, the mean score for the four questions increased to 3.0. Yet, there was still no significant difference between groups.

• Interestingly, 64.7% of students answered Q4 correctly compared to 51.6% previously.

Conclusion:

• Four questions may not have sufficiently quantified the effect of the strategy on improved understanding (results for all 4 questions).

• More students were able to better recognize the misconception (real-world application) and will hopefully be less likely to make the suggestion as professionals (results for Q4 specifically).

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