Academic Poster: Advice for Calculus Students from Calculus Students

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INTRODUCTION

Many students struggle with Calculus.

Students:
- gave advice to future students
- take common final exams

Goal: to help future students succeed in Calculus!

RESEARCH QUESTIONS

1. What is the main piece of advice that former calculus students have for incoming students?
2. To what extent does that advice correlate with performance in Calculus?

METHODS

Participants: Calculus I & II students Fall 2022

Response Rate: 63%

n = 970 took survey
N = 1540 took class

Qualitative Coding
Inductive coding
Statistics
\( t \) test for the difference in grades

RESULTS

Do more practice problems, practice makes perfect!

Do all the hw, practice, etc.

Do the homework because that is the ultimate practice tool.

Score on Common Final

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<td>70.39</td>
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<td>61.96</td>
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Suppose you have a friend who needs to take Calculus this quarter. What suggestions do you have for them to be successful in the course?