

# PLO Reflection - Fall 2018 (Mathematics AA) Latest Version

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## PLO Reflection (active Fall 2018)

### Program Learning Outcomes Performance Report Annual Program Plan: Version by Lehavi, Sheri on 02/20/2019 19:49

Since the previous program report, discuss programmatic SLO performance for each PLO individually and summarize overall programmatic SLO performance.

• Model and solve applied problems using derivatives, integrals, systems of equations, and/or differential equations as appropriate.  
In all of our courses for the AS-T, the SLO's for applied problems is met with about 70-80% success.

Interpret values of functions and solutions of equations in an applied context.

The SLO's for interpreting values are all met with about 75% success in the courses for the AS-T

• Evaluate derivatives, integrals, and solutions to differential equations whether the problem is given algebraically, graphically, numerically, or verbally  
In both Math 262 and Math 275, we have about 80-85% success for this SLO.

Overall, students pursuing an AS-T are very successful. The SLO's for all courses in this program are met at a rate above the overall department average.

Discuss any missing or problematic data. For example, please note programmatic courses that have not been taught since the last program report, and thus do not have data to review.

none

Discuss any equity gaps in programmatic SLO performance.

There is a gap in the numbers of minorities and women represented in the program, but there is not a gap in the success rates.

Discuss performance on other metrics (if any) that are indicators of program success (e.g., external certifications, job placement metrics, transfer rates, etc.)

NA

Discuss both internal (e.g., within the department) and external factors (e.g., within the college or external community) that have influenced the program's success.

Our robust opportunities for advanced students such as research opportunities, SML, and tutoring positions have influenced the success of the program.

Discuss how the program should be perceived by the College community, external community, and any competitors.

It should be perceived as a successful program by the community.

Based on the above, discuss any proposed plans for improvement for the Program, including but not limited to changes to course curriculum, SLOs, and PLOs.

No plans currently for changes.

Additional Comments

NA

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