

Degree/Certificate Program

Mathematics AS-T

Program Student Learning Outcomes (pSLOs)

To evaluate the program student learning outcomes (pSLOs), students were asked: "With respect to all of the classes you have taken at FLC toward an AS-T degree in Mathematics how well have the classes prepared you...(each pSLO was listed)." Responses ranged from 5 "excellent preparation" to 1 "inadequate preparation". Below is a summary of the student responses by the semester the student petitioned to graduate.

PSLOs	Total				18-19	17-18	16-17	Spring 16
	Mean	Std. Dev.	Min.	Max.	Mean	Mean		
Explain and apply basic concepts of single variate calculus including various forms of derivatives and integrals, their interconnections, and their uses in analyzing and solving real-world problems.	4.29	0.49	4	5	4.20	4.50		
Explain and apply basic concepts of multivariate calculus, linear algebra, or differential equation techniques, their interconnections, and their uses in analyzing and solving real-world problems.	4.14	0.38	4	5	4.20	4.00		
Write logical proofs of basic theorems.	3.43	0.98	2	5	3.20	4.00		
Use appropriate applications to demonstrate mathematical problem solving.	4.43	0.53	4	5	4.20	5.00		
Number of responses	7				5	2		

Additional Feedback

Students were given the opportunity to provide additional comments about their experience in the program and more broadly at FLC. Below are the questions students were asked, along with the comments provided by the students:

Please provide any additional comments about your experiences taking classes toward an AS-T degree in Mathematics that might help FLC improve the program.

2017-2018

Bring in more schedule options for the higher math levels please! It can be difficult to coordinate them alongside science courses.

2018-2019

more proofs to prepare for upper division classes

Used a lot of formulas to save time which lead to not completely understanding the topics.

Is there anything else you would like share about your experience as an FLC student?

2018-2019

great way to save some money before going to four year universities, lots of opportunities to get involved on campus
I felt that there was no community or other students I could work with or talk to about classes.

Were there any services or supports offered by the college that were a significant support to the achievement of your academic goals?

2017-2018

EOP&S

Tutoring Center

2018-2019

counseling center/transfer and career center

Dsps

Did you experience any significant barriers to achieving your academic goals?

2018-2019

The counselors were not clear on what I needed to complete. I felt my teachers had a better understanding of classes I needed to complete than the counselors.