

	A	B	C	D	E	F	G	H	I	J	K	L	M
1	MATH COURSE	TITLE	SLO #	Fall 21	Spring 22	Fall 22	Spring 23	Fall 23	Spring 24	Fall 24	Spring 25		
2	20	Foundations for Quantitative Reasoning	1			X							
3			2			X							
4			3			X							
5	60	Foundations for Elementary Statistics	1				X						
6			2				X						
7			3				X						
8	76	Foundations for PreCalculus	1				X						
9			2				X						
10			3				X						
11	78	Foundations for Calculus for Business, Social & Behavioral Sciences	1				X						
12			2				X						
13			3				X						
14	80	Foundations for Calculus and Analytic Geometry	1						X				
15			2						X				
16			3						X				
17	120	Quantitative Reasoning	1			X							
18			2			X							
19	121	Quantitative Reasoning for Career Education	1										
20			2										
21			3										
22	125	Structure and Concepts of Elementary Mathematics I	1			X							
23			2			X							
24	126	Structure and Concepts of Elementary Mathematics II	1				X						
25			2				X						
26	160	Elementary Statistics	1				X						
27			2				X						
28			3				X						
29	170	Analytical Trygonometry	1			X							
30			2			X							
31	175	College Algebra	1				X						
32			2				X						
33	176	Precalculus: Functions and Graphs	1			X							
34			2			X							
35			3			X							
36	178	Calculus for Business, Social and Behavioral Sciences	1				X						
37			2				X						
38	180	Analytical Geometry and Calculus	1				X						
39			2				X						
40	245	Discrete Mathematics	1			X			X				
41			2			X			X				

	A	B	C	D	E	F	G	H	I	J	K	L	M
1	MATH COURSE	TITLE	SLO #	Fall 21	Spring 22	Fall 22	Spring 23	Fall 23	Spring 24	Fall 24	Spring 25		
42			3			X			X				
43			4						X				
44			5						X				
45	280	Analytical Geometry and Calculus II	1						X				
46			2						X				
47	281	Multivariable Calculus	1			X							
48			2			X							
49	284	Linear Algebra	1						X				
50			2						X				
51			3						X				
52	285	Differential Equations	1						X				
53			2						X				

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PLO PROGRAM MATRIX FOR MATH

Course and SLOs	PLO 1: Draw conclusions about simple and complex systems by collecting, assessing, and analyzing information.
Math 160	
SLO 2: Solve multi-disciplinary application problems and interpret the results in context	X
Direct assessment to unit projects	X
Math 180	
SLO 2: Apply differentiation or integration to solve interdisciplinary application problems and interpret the results in context.	X
Math 245	
SLO 1: Use recursion to analyze algorithms and programs	X
SLO 5: Use finite state machines to model computer operations	
Direct assessment to assignments	
Math 280	
SLO 2: Solve multi-disciplinary application problems and interpret the results in context	X
Math 281	
SLO 2: Solve multi-disciplinary application problems and interpret the results in context	X
Math 284	
SLO 3: Prove basic results in linear algebra using appropriate proof-writing techniques	
Math 285	
SLO 2: Use ordinary differential equations to model and solve multi-disciplinary application problems and interpret the results in context	X

PLO 2: Communicate technical ideas in group and professional settings in ~~both~~ written and/or oral form.

X

X

X

X