

Math Score Placement Matrix

Course Number	Course Name	Accuplacer	ALEKS PPL	SAT Math	ACT Math	High School GPA	Classes that meet the prerequisite	
MTH 1081 + 1082 Lab	Mathematics for Liberal Arts w/Lab	No prerequisites - open to all students						
MTH 1080	Mathematics for Liberal Arts	240 (QAS)	30	500	19	2.5	MAT 0250, 0300, 050, 055, 090, 099, or any college level math (some may require manual override)	
MTH 1210	Introduction to Statistics	240 (QAS)	30	500	19	3.0		
MTH 1610	Integrated Mathematics I	240 (QAS)	30	500	19	2.5		
MTH 1108	Stretch College Algebra Part I	210 (AAF)	30	500	19	N/A	MAT 0300, 055, or 099 (with manual override)	
MTH 1111 + 1101 Lab	College Algebra for Calculus w/Lab	230 (AAF)	40	530	22	N/A	MAT 0300, 055, or 099	
MTH 1110	College Algebra for Calculus	245 (AAF)	50	610	27	N/A	N/A	
MTH 1115 + 1116 Lab	College Algebra through Modeling w/Lab	220 (AAF)	35	500	19	N/A	MAT 0300, 055, or 099	
MTH 1112	College Algebra through Modeling	235 (AAF)	45	580	24	N/A	N/A	
MTH 1120	College Trigonometry	280 (AAF)	60	N/A	N/A	N/A	MTH 1109, 1110, 1111, 1112, or 1115	
MTH 1311 + 1312 Lab	Finite Mathematics for Mgmt. & Social Sciences w/Lab	220 (AAF)	35	500	19	N/A	MAT 0300, 055, or 099	
MTH 1310	Finite Mathematics for Mgmt. & Social Sciences	235 (AAF)	45	580	24	N/A	N/A	
MTH 1320	Calculus for Management & Social Sciences	260 (AAF)	60	N/A	N/A	N/A	MTH 1310, 1311, 1109, 1110, 1111, 1112, 1115, or 1400	
MTH 1400	Precalculus Mathematics	280 (AAF)	65	N/A	N/A	N/A	MTH 1109, 1110, or 1111 (with manual override)	
MTH 1410	Calculus I	290 (AAF) + chair permission	75	N/A	N/A	N/A	(MTH 1109, 1110, or 1111) + MTH 1120 or MTH 1400	
Notes:	Accuplacer Key: QAS: Quantitative Reasoning, Algebra, & Statistics; AAF: Advanced Algebra & Functions					HS GPA and prior college coursework have no expiration		
	Standardized and/or placement test (SAT, ACT, AAF, QAS, ALEKS) scores are valid for 5 years from the year of the test		All ALEKS PPL scores require a manual override**	AP Calculus (AB) or (BC) exam information: Score = 1 can be used for placement into MTH 1400 Score = 2 can be used for placement into MTH 1410		If MTH 1400 is not being offered, the recommended alternative is MTH 1110 & MTH 1120 taken concurrently or retest to qualify for MTH 1410 directly		

**Please contact mathdepartment@msudenver.edu for ALEKS overrides