

Ferris State University

ACT, SAT and COMPASS SCORES – COURSE PLACEMENT GUIDE

COMPASS Reading Score							ACT Reading Score		SAT CR Score	Reading Placement	
1- 74*							OR	0-16*	OR	≤ 430*	Reading 106
75-80* 81-85**							OR	17-18* 19-20**	OR	430-450* >450**	Reading 176
COMPASS Writing Score							ACT English Score		SAT Writing Score	English Placement	
≤ 69							OR	≤ 13	OR	≤ 360	English 074
70-100							OR	14-36	OR	≥ 370	English 150
COMPASS Pre-Algebra Score		COMPASS Algebra Score		COMPASS College Algebra Score		COMPASS Trigonometry Score		ACT Math Score		SAT Score	Math Placement
0-60							OR	0-14	OR	0-340	Math 010
61-100	AND	0-45					OR	15-18	OR	350-450	Math 110
		46-60					OR	19-23	OR	460-550	Math 115, 116 or 117
		61-100	AND	0-45	AND	0-27	OR	24-25	OR	560-580	Math 120 or 122
				46-64	AND	28-45	OR	24-26	OR	560-590	Math 126 or 130
				65-100	AND	28-45	OR	≥ 26	OR	≥ 590	Math 132 or 135 ¹
				65-100	AND	46-100	OR	≥ 26	OR	≥ 590	Math 220 ²

* Approved by Ferris State University's University Curriculum Committee.

** Approved by Ferris State University's University Curriculum Committee. Course is Strongly Recommended.

¹ Depending on High School Trigonometry Background: One semester of trigonometry with a grade of B or better; a year-long FST (Functions/Statistics/Trigonometry) sequence with a grade of B or better; a year-long pre-calculus sequence with a grade of B or better.

² Depending on High School Background

FSU GUIDELINES FOR MATHEMATICS COURSE PLACEMENT (05/26/11)

ACT	SAT	Direction	High School Background**	Course Recommendation+
0 – 14	0 – 340		Less than one full year of algebra. →	MATH 010
			At least one full year of algebra, with grades for first algebra course in the C range or lower. →	MATH 010
			At least one full year of algebra, with grades for first algebra course in the B range or higher. →	MATH 010 or COMPASS
15 – 18	350 – 450		Less than one full year of algebra, with math grades in the C range or lower. →	MATH 010
			Less than one full year algebra with math grades in the B range or higher. →	MATH 010 or COMPASS
			Completed at least one year of algebra with grades in the D range or lower. →	MATH 010 or COMPASS
			Completed at least one year of algebra with a grade of C– or better. →	MATH 110
19 – 23	460 – 550		Less than two years of algebra with grades in the C range or lower. →	MATH 110
			Less than two years of algebra with grades in the B range or higher. →	MATH 110 or COMPASS
			Two full years of algebra with grades in the D range or lower →	MATH 110 or COMPASS
			Two full years of algebra with grades of C– or better. →	MATH 115, 116, or 117
24 – 26	560 – 590		Two full years of algebra, with grades generally in the C range; less than one semester trigonometry. →	MATH 115 or COMPASS
			Two full years of algebra, with grades generally B or better; less than one semester trigonometry. →	MATH 120 or MATH 122
			Two full years of algebra; at least one semester of trigonometry with a grade of D or lower →	MATH 120 or MATH 122
			Two full years of algebra; at least one semester of trigonometry with a grade of C– or better. →	MATH 126 or 130
			Completion of FST (Functions, Statistics, Trigonometry) course with grade of C– or better. →	MATH 126 or 130
26 or higher	590 or higher		Two years of algebra, one year of geometry, one year of precalculus. →	MATH 126 or 130 or COMPASS
			Low grades (below C– level) in several instances.	
			Two years of algebra, one year of geometry, one year of precalculus. Trigonometry may be a separate one semester course or embedded in precalculus. All grades of C– or better. →	MATH 132, 135, or 220

** Check with Mathematics Department regarding high school background that deviates from what is given in the table.

+ Ultimately, a student may go by her or his ACT score to determine placement. This document only serves as a reference guide.

Highlighted HS background represents catalog requirements.

COMPASS COURSE PLACEMENT GUIDE (05/26/11)

Pre-Algebra Score		Algebra Score		College Algebra Score		Trigonometry Score		Recommended Placement
0 – 60								MATH 010
61 – 100	AND	0 – 45						MATH 110
		46 – 60						MATH 115, 116, or 117
		61 – 100	AND	0 – 45	AND	0 – 27		MATH 120 or 122
				46 – 64	AND	28 – 45		MATH 126 or 130
				65 – 100	AND	28 – 45		MATH 132 or 135
				65 – 100	AND	46 – 100		MATH 220