SSCC Math Placement with COMPASS

The Computer Adaptive Placement Assessment and Support System (COMPASS) exam assesses your abilities in specific subjects. When you go to test, ask for a COMPASS in writing, reading, and math.

This document provides an example of the COMPASS Assessment placement domains used by South Seattle College; it is similar to other schools. The COMPASS is not a pass or fail test.

Adult Basic Education algebra and geometry. Arithmetic: High school level course emphasizing the structure of the number: Review of fundamental arithmetic and problems solving strategies with introduc elementary algebra, primary concepts of probability, statistics and geometry. Note Requirement: ESL 094 completion with a 2.0, or placement into either ESL 096 or El -OR- MATH 110 Applied Math for Technicians: Emphasis on applications of mathematics to voot technical courses. Note Requirement: ESL 094 completion with a 2.0, or placement into either ESL 096 or El S4-99 MATH 084 Algebra I: Covers operations with signed numbers, solutions of first equations, linear equations, systems of linear equations in two variables, and problem solv OR- Note Requirement: ESL 094 completion with a 2.0, or placement into either ESL 096 or El Algebra Placement Domain Algebra Eclusive Placement Domain Algebra Score Business Math/Spreadsheets: A practical, up-to-date survey course of business topics. Note Requirement: ESL 094 completion with a 2.0, or placement into either ESL 096 or El Algebra Score Algebra Score is below Algebra II placement. Refer to Pre-Algebra score (above). Algebra II: Systems or equations, factoring polynomials, rational expressions are radical expressions and equations, and quadratic expression and equations. Note Requirements: I) If the Pre-Algebra score (above). Algebra II: Systems or equations, factoring polynomials, rational expressions are radical expressions and equations, and quadratic expression and equations. Note Requirements: ESL 094 completion with a 2.0, or placement into either ESL 096 or El St. 094 completion with a 2.0, or placement into either ESL 096 or El To MATH 098 Intermediate Algebra: Covers linear, quadratic, exponential and logarithmic mapplications and other intermediate algebra skills. Note Requirement: ESL 094 completion with a 2.0, or placement into either ESL 096 or El Oliege Algebra: Bridges the gap between Intermediate Algebra and Pre-Calcul and is for stu	Pre-Algebra Score	Class Placement	Course Description		
Review of fundamental arithmetic and problem solving strategies with introduce elementary algebra, primary concepts of probability, statistics and geometry. Note Requirement: ESL 094 completion with a 2.0, or placement into either ESL 096 or Elementary algebra. Solve Requirement: ESL 094 completion with a 2.0, or placement into either ESL 096 or Elementary algebra. Solve Requirement: ESL 094 completion with a 2.0, or placement into either ESL 096 or Elementary algebra. Solve Requirement: ESL 094 completion with a 2.0, or placement into either ESL 096 or Elementary algebra. Solve Requirement: ESL 094 completion with a 2.0, or placement into either ESL 096 or Elementary algebra. Solve Requirement: ESL 094 completion with a 2.0, or placement into either ESL 096 or Elementary algebra. Solve Requirement: ESL 094 completion with a 2.0, or placement into either ESL 096 or Elementary algebra. Solve Requirement: ESL 094 completion with a 2.0, or placement into either ESL 096 or Elementary algebra. Solve Requirement: ESL 094 completion with a 2.0, or placement into either ESL 096 or Elementary algebra. Solve Requirement: ESL 094 completion with a 2.0, or placement into either ESL 096 or Elementary algebra. Solve Requirement: ESL 094 completion with a 2.0, or placement into either ESL 096 or Elementary algebra. Solve Requirement: ESL 094 completion with a 2.0, or placement into either ESL 096 or Elementary algebra. Solve Requirement: ESL 094 completion with a 2.0, or placement into either ESL 096 or Elementary algebra. Solve Requirement: ESL 094 completion with a 2.0, or placement into either ESL 096 or Elementary algebra. Solve Requirement: ESL 094 completion with a 2.0, or placement into either ESL 096 or Elementary and Elementary algebra skills. **Only 1948** **Only 1949** **MATH 102** **Only 1940** **Algebra II placement. ESL 094 completion with a 2.0, or placement into either ESL 096 or Elementary and Elementary algebra skills. **Intermediate Algebra: Bridges the gap between intermediate Algebra and Pre-Calcul	0-24	Adult Basic Education	Skill development in whole numbers, fractions, decimals, percents, and introduction to algebra and geometry.		
MATH 110 Applied Math for Technicians: Emphasis on applications of mathematics to voc technical courses. Note Requirement: ESL 094 completion with a 2.0, or placement into either ESL 096 or Either Part 11 placement. Algebra I: Covers operations with signed numbers, solutions of first equations, linear equations, systems of linear equations in two variables, and problem solv Note Requirement: ESL 094 completion with a 2.0, or placement into either ESL 096 or Either Part 11 placement. Applied Mathematics I: Intro to applied algebra, geometry and trigonometry. Note Requirement: ESL 094 completion with a 2.0, or placement into either ESL 096 or Either Part 11 placement. Business Math/Spreadsheets: A practical, up-to-date survey course of business topics. Note Requirement: ESL 094 completion with a 2.0, or placement into either ESL 096 or Either Part 11 placement. Algebra Class Placement Course Description 1-38 Algebra score is below Algebra II placement. Refer to Pre-Algebra score (above). 39-50 MATH 085 Algebra II: Systems or equations, factoring polynomials, rational expressions an radical expressions and equations, and quadratic expression and equations. Note Requirements: 1) If the Pre-Algebra test has not been taken, student must reasses 2) ESL 094 completion with a 2.0, or placement into either ESL 096 or Either 11 placement. Solve Intermediate Algebra: Covers linear, quadratic, exponential and logarithmic mapplications and other intermediate algebra skills. Note Requirement: ESL 094 completion with a 2.0, or placement into either ESL 096 or Either 11 placement. College Algebra: Bridges the gap between Intermediate Algebra and Pre-Calcul and is for students in math and science. Fulfills requirement for AA degree. Note Requirement: ESL 094 completion with a 2.0, or placement into either ESL 096 or	25-53	MATH 083	Arithmetic: High school level course emphasizing the structure of the number system. Review of fundamental arithmetic and problem solving strategies with introduction to elementary algebra, primary concepts of probability, statistics and geometry. Note Requirement: ESL 094 completion with a 2.0, or placement into either ESL 096 or ENGL 091.		
technical courses. Note Requirement: ESL 094 completion with a 2.0, or placement into either ESL 096 or El S4-99 MATH 084 Algebra I: Covers operations with signed numbers, solutions of first equations, linear equations, systems of linear equations in two variables, and problem solv Note Requirement: ESL 094 completion with a 2.0, or placement into either ESL 096 or El MATH 111 Applied Mathematics I: Intro to applied algebra, geometry and trigonometry. Note Requirement: ESL 094 completion with a 2.0, or placement into either ESL 096 or El OR- Business Math/Spreadsheets: A practical, up-to-date survey course of business topics. Note Requirement: ESL 094 completion with a 2.0, or placement into either ESL 096 or El Algebra Class Placement Course Description 1-38 Algebra score is below Algebra II placement. Refer to Pre-Algebra score (above). 39-50 MATH 085 Algebra II: Systems or equations, factoring polynomials, rational expressions and radical expressions and equations, and quadratic expression and equations. Note Requirements: 1) If the Pre-Algebra test has not been taken, student must reasses 2) ESL 094 completion with a 2.0, or placement into either ESL 096 or El		-OR-			
Inear equations, systems of linear equations in two variables, and problem solv Note Requirement: ESL 094 completion with a 2.0, or placement into either ESL 096 or EI Applied Mathematics I: Intro to applied algebra, geometry and trigonometry. Note Requirement: ESL 094 completion with a 2.0, or placement into either ESL 096 or EI OR- Business Math/Spreadsheets: A practical, up-to-date survey course of business topics. Note Requirement: ESL 094 completion with a 2.0, or placement into either ESL 096 or Ei Algebra Class Placement Course Description Class Placement Course Description Algebra Score 1-38 Algebra score is below Algebra II placement. Refer to Pre-Algebra score (above). 39-50 MATH 085 Algebra II: Systems or equations, factoring polynomials, rational expressions an radical expressions and equations, and quadratic expression and equations. Note Requirements: 1) If the Pre-Algebra test has not been taken, student must reasses 2) ESL 094 completion with a 2.0, or placement into either ESL 096 or ENGL 091. 51-70 MATH 098 Intermediate Algebra: Covers linear, quadratic, exponential and logarithmic mapplications and other intermediate algebra skills. Note Requirement: ESL 094 completion with a 2.0, or placement into either ESL 096 or EI 71-99 MATH 102 College Algebra: Bridges the gap between Intermediate Algebra and Pre-Calcul and is for students in math and science. Fulfills requirement for AA degree. OR- Note Requirement: ESL 094 completion with a 2.0, or placement into either ESL 096 or EI MATH& 107 Math in Society: Primarily for liberal arts majors. Designed to enhance mathematics.		MATH 110	Applied Math for Technicians: Emphasis on applications of mathematics to vocational and technical courses. Note Requirement: ESL 094 completion with a 2.0, or placement into either ESL 096 or ENGL 091.		
Algebra Placement Business Math/Spreadsheets: A practical, up-to-date survey course of business topics. Note Requirement: ESL 094 completion with a 2.0, or placement into either ESL 096 or Electronic Score 1-38 Algebra score is below Algebra II placement. Refer to Pre-Algebra score (above). 39-50 MATH 085 Algebra II: Systems or equations, factoring polynomials, rational expressions and equations. Note Requirements: 1) If the Pre-Algebra test has not been taken, student must reases 2) ESL 094 completion with a 2.0, or placement into either ESL 096 or Electronic Since Intermediate Algebra: Covers linear, quadratic, exponential and logarithmic mapplications and other intermediate algebra skills. Note Requirement: ESL 094 completion with a 2.0, or placement into either ESL 096 or Electronic Silvers of College Algebra: Bridges the gap between Intermediate Algebra and Pre-Calculand is for students in math and science. Fulfills requirement for AA degree. Note Requirement: ESL 094 completion with a 2.0, or placement into either ESL 096 or Electronic Silvers of Electr	54-99	MATH 084	Algebra I: Covers operations with signed numbers, solutions of first equations, real number linear equations, systems of linear equations in two variables, and problem solving.		
Algebra Placement Domain Business Math/Spreadsheets: A practical, up-to-date survey course of business topics. Note Requirement: ESL 094 completion with a 2.0, or placement into either ESL 096 or Electropics. Note Requirement: ESL 094 completion with a 2.0, or placement into either ESL 096 or Electropics. 1-38 Algebra score is below Algebra II placement. Refer to Pre-Algebra score (above). 39-50 MATH 085 Algebra II: Systems or equations, factoring polynomials, rational expressions are radical expressions and equations, and quadratic expression and equations. Note Requirements: 1) If the Pre-Algebra test has not been taken, student must reasses 2) ESL 094 completion with a 2.0, or placement into either ESL 096 or ENGL 091. 51-70 MATH 098 Intermediate Algebra: Covers linear, quadratic, exponential and logarithmic mapplications and other intermediate algebra skills. Note Requirement: ESL 094 completion with a 2.0, or placement into either ESL 096 or Electropic and is for students in math and science. Fulfills requirement for AA degree. Note Requirement: ESL 094 completion with a 2.0, or placement into either ESL 096 or Electropic and is for students in math and science. Fulfills requirement for AA degree. Note Requirement: ESL 094 completion with a 2.0, or placement into either ESL 096 or Electropic and is for students in math and science. Fulfills requirement into either ESL 096 or Electropic and is for students in math and science. Fulfills requirement into either ESL 096 or Electropic and is for students in math and science. Fulfills requirement into either ESL 096 or Electropic and is for students in math and science. Fulfills requirement into either ESL 096 or Electropic and is for students in math and science. Fulfills requirement into either ESL 096 or Electropic and is for students in math and science. Fulfills requirement into either ESL 096 or Electropic and into either ESL 096 or		-OR-	Note Requirement: ESL 094 completion with a 2.0, or placement into either ESL 096 or ENGL 091.		
Algebra Placement Domain Business Math/Spreadsheets: A practical, up-to-date survey course of business topics. Note Requirement: ESL 094 completion with a 2.0, or placement into either ESL 096 or Electrons 1-38 Algebra score is below Algebra II placement. Refer to Pre-Algebra score (above). 39-50 MATH 085 Algebra II: Systems or equations, factoring polynomials, rational expressions are radical expressions and equations, and quadratic expression and equations. Note Requirements: 1) If the Pre-Algebra test has not been taken, student must reasses 2) ESL 094 completion with a 2.0, or placement into either ESL 096 or ENGL 091. 51-70 MATH 098 Intermediate Algebra: Covers linear, quadratic, exponential and logarithmic manapplications and other intermediate algebra skills. Note Requirement: ESL 094 completion with a 2.0, or placement into either ESL 096 or Electrons and is for students in math and science. Fulfills requirement for AA degree. OR- Note Requirement: ESL 094 completion with a 2.0, or placement into either ESL 096 or Electrons and is for students in math and science. Fulfills requirement for AA degree. MATH 8. 107 Math in Society: Primarily for liberal arts majors. Designed to enhance mathers.		MATH 111	Applied Mathematics I: Intro to applied algebra, geometry and trigonometry.		
Algebra Placement Domain Business Math/Spreadsheets: A practical, up-to-date survey course of business topics. Note Requirement: ESL 094 completion with a 2.0, or placement into either ESL 096 or Electrons Class Placement Course Description 1-38 Algebra score is below Algebra II placement. Refer to Pre-Algebra score (above). 39-50 MATH 085 Algebra II: Systems or equations, factoring polynomials, rational expressions and radical expressions and equations, and quadratic expression and equations. Note Requirements: 1) If the Pre-Algebra test has not been taken, student must reasses 2) ESL 094 completion with a 2.0, or placement into either ESL 096 or ENGL 091. 51-70 MATH 098 Intermediate Algebra: Covers linear, quadratic, exponential and logarithmic mapplications and other intermediate algebra skills. Note Requirement: ESL 094 completion with a 2.0, or placement into either ESL 096 or ENGL 091. 71-99 MATH 102 College Algebra: Bridges the gap between Intermediate Algebra and Pre-Calcul and is for students in math and science. Fulfills requirement for AA degree. Note Requirement: ESL 094 completion with a 2.0, or placement into either ESL 096 or ENGL 091. MATH& 107 Math in Society: Primarily for liberal arts majors. Designed to enhance mathers.			Note Requirement: ESL 094 completion with a 2.0, or placement into either ESL 096 or ENGL 091.		
Algebra Score Class Placement Course Description 1-38 Algebra score is below Algebra II placement. Refer to Pre-Algebra score (above). 39-50 MATH 085 Algebra II: Systems or equations, factoring polynomials, rational expressions are radical expressions and equations, and quadratic expression and equations. Note Requirements: 1) If the Pre-Algebra test has not been taken, student must reasses 2) ESL 094 completion with a 2.0, or placement into either ESL 096 or ENGL 091. 1-39 MATH 098 Intermediate Algebra: Covers linear, quadratic, exponential and logarithmic mapplications and other intermediate algebra skills. 1-1-99 MATH 102 College Algebra: Bridges the gap between Intermediate Algebra and Pre-Calculand is for students in math and science. Fulfills requirement for AA degree. 1-0R- Note Requirement: ESL 094 completion with a 2.0, or placement into either ESL 096 or ENGL 091. MATH 8-107 Math in Society: Primarily for liberal arts majors. Designed to enhance mathers.		-OR-			
1-38 Algebra score is below Algebra II placement. Refer to Pre-Algebra score (above). 39-50 MATH 085 Algebra II: Systems or equations, factoring polynomials, rational expressions an radical expressions and equations, and quadratic expression and equations. Note Requirements: 1) If the Pre-Algebra test has not been taken, student must reasses 2) ESL 094 completion with a 2.0, or placement into either ESL 096 or ENGL 091. 51-70 MATH 098 Intermediate Algebra: Covers linear, quadratic, exponential and logarithmic mapplications and other intermediate algebra skills. Note Requirement: ESL 094 completion with a 2.0, or placement into either ESL 096 or ENGL 091. 71-99 MATH 102 College Algebra: Bridges the gap between Intermediate Algebra and Pre-Calcul and is for students in math and science. Fulfills requirement for AA degree. -OR- Note Requirement: ESL 094 completion with a 2.0, or placement into either ESL 096 or ENGL 091. MATH& 107 Math in Society: Primarily for liberal arts majors. Designed to enhance mather	_	/\	Business Math/Spreadsheets: A practical, up-to-date survey course of business mathemat topics. Note Requirement: ESL 094 completion with a 2.0, or placement into either ESL 096 or ENGL 091.		
Algebra II: Systems or equations, factoring polynomials, rational expressions an radical expressions and equations, and quadratic expression and equations. Note Requirements: 1) If the Pre-Algebra test has not been taken, student must reasses 2) ESL 094 completion with a 2.0, or placement into either ESL 096 or ENGL 091. 51-70 MATH 098 Intermediate Algebra: Covers linear, quadratic, exponential and logarithmic means applications and other intermediate algebra skills. Note Requirement: ESL 094 completion with a 2.0, or placement into either ESL 096 or ENGL 091. 71-99 MATH 102 College Algebra: Bridges the gap between Intermediate Algebra and Pre-Calcul and is for students in math and science. Fulfills requirement for AA degree. -OR- Note Requirement: ESL 094 completion with a 2.0, or placement into either ESL 096 or ENGL 091. MATH& 107 Math in Society: Primarily for liberal arts majors. Designed to enhance mather		Class Placement	Course Description		
radical expressions and equations, and quadratic expression and equations. Note Requirements: 1) If the Pre-Algebra test has not been taken, student must reasses 2) ESL 094 completion with a 2.0, or placement into either ESL 096 or ENGL 091. Intermediate Algebra: Covers linear, quadratic, exponential and logarithmic mapplications and other intermediate algebra skills. Note Requirement: ESL 094 completion with a 2.0, or placement into either ESL 096 or English of the students in math and science. Fulfills requirement for AA degree. Note Requirement: ESL 094 completion with a 2.0, or placement into either ESL 096 or English or Students in math and science. Fulfills requirement for AA degree. Note Requirement: ESL 094 completion with a 2.0, or placement into either ESL 096 or English or Students in math and science. Fulfills requirement into either ESL 096 or English or Students in math and science. The placement into either ESL 096 or English or Students in math and science. The placement into either ESL 096 or English or Students in math and science. The placement into either ESL 096 or English or Students in math and science. The placement into either ESL 096 or English or Students in math and science. The placement into either ESL 096 or English or Students in math and science. The placement into either ESL 096 or English or Students in math and science. The placement into either ESL 096 or English or Students in math and science. The placement into either ESL 096 or English or Students in math and science in the placement into either ESL 096 or English or Students in math and science in the placement into either ESL 096 or English or Students in math and science in the placement into either ESL 096 or English or Students in math and science in the placement into either ESL 096 or English or Students in the placement into either ESL 096 or English or Students in the placement into either ESL 096 or English or Students in the placement into either ESL 096 or English or Students in the placement into either	1-38	Algebra score is below	Algebra II placement. Refer to Pre-Algebra score (above).		
applications and other intermediate algebra skills. Note Requirement: ESL 094 completion with a 2.0, or placement into either ESL 096 or Electron of State	39-50	MATH 085	Note Requirements: 1) If the Pre-Algebra test has not been taken, student must reassess at that level		
1inimum score of 60 required. Note Requirement: ESL 094 completion with a 2.0, or placement into either ESL 096 or Electron 2014. 71-99 MATH 102 College Algebra: Bridges the gap between Intermediate Algebra and Pre-Calcul and is for students in math and science. Fulfills requirement for AA degree. -OR- Note Requirement: ESL 094 completion with a 2.0, or placement into either ESL 096 or Electron 2014. MATH& 107 Math in Society: Primarily for liberal arts majors. Designed to enhance mathem	51-70	MATH 098	Intermediate Algebra: Covers linear, quadratic, exponential and logarithmic models with		
71-99 MATH 102 College Algebra: Bridges the gap between Intermediate Algebra and Pre-Calcul and is for students in math and science. Fulfills requirement for AA degree. -OR- Note Requirement: ESL 094 completion with a 2.0, or placement into either ESL 096 or Element in Society: Primarily for liberal arts majors. Designed to enhance mathem	linimum sco	re of 60 required			
MATH& 107 Math in Society: Primarily for liberal arts majors. Designed to enhance mathen	71-99	MATH 102	College Algebra: Bridges the gap between Intermediate Algebra and Pre-Calculus functions		
		-OR-	Note Requirement: ESL 094 completion with a 2.0, or placement into either ESL 096 or ENGL 091.		
Note Requirement: ESL 094 completion with a 2.0, or placement into either ESL 096 or E		MATH& 107	Math in Society: Primarily for liberal arts majors. Designed to enhance mathematics literact Note Requirement: ESL 094 completion with a 2.0, or placement into either ESL 096 or ENGL 091.		

71-99	-OR-	
(cont.)	MATH 109	Elementary Statistics: Covers discriptive methods, probability and probability distributions, samples, decisions, hypothesis testing and statistical inferences.
	-OR-	Note Requirement: ESL 094 completion with a 2.0, or placement into either ESL 096 or ENGL 091.
	MATH 116	Applications of Math to Management, Life & Social Sciences: emphasizes applications to
		business, finance, management, or life & social sciences. Note Requirement: ESL 094 completion with a 2.0, or placement into either ESL 096 or ENGL 091.

College Algebra Score	Class Placement	Course Description	Tip! A score of 35 in the College Algebra domain exceeds the minimum required score, because the MATH 141 placement exceeds the MATH 098.		
1-34	College Algebra score	is below Pre-Calculus I plac	ement. Refer to Algebra score (above).		
35-45	MATH& 141		he general nature of polynomial, rational, exponential and related functional and algebraic topics.		
	-OR-	Note Requirement: ESL 094 completion with a 2.0, or placement into either ESL 096 or ENGL 091.			
	MATH 148		uitive and elementary treatment of differential and integral calculus nials, powers, exponential and logarithmic functions.		
		Note Requirement: ESL 094 c	ompletion with a 2.0, or placement into either ESL 096 or ENGL 091.		
46-99	MATH& 142	Pre-Calculus II: A study of applications, and topics in	right triangle trigonometry, trigonometric functions, related trig analytic geometry.		
		Note Requirement: ESL 094 o	completion with a 2.0, or placement into either ESL 096 or ENGL 091.		

Trigonometry Score	Class Placement	Course Description	
1-45	Trigonometry score is below Calculus placement. Refer to College Algebra score (above).		
46-99	MATH& 151	Calculus with Analytic Geometry: Covers limits, differentiation of algebraic and transcendental functions, definite and indefinite integrals, techniques of integration, vectors, vector-valued functions, multivariable-calculus, partial differentiation, multiple integrals and	
		Note Requirement: ESL 094 completion with a 2.0, or placement into either ESL 096 or ENGL 091.	

The math section of the COMPASS evaluates your knowledge in pre-algebra, algebra, college algebra, geometry, and trigonometry. The higher you score before the assessment completes, the higher the domain placement. To qualify to apply for an IAM/Boeing Apprenticeship you need to achieve a minimum score of 60 in the Algebra domain as shown above. You must also achieve a minimum score of 67 in reading and a minimum score of 32 in writing.

Applicants must complete the COMPASS prior to applying. If a candidate is contacted for an interview he or she will have 14 days to submit all documents, including the COMPASS Assessment score results, to prove that all minimum qualifications have been met. The COMPASS testing date must be on or before the job post closing date.

Note: we do not accept other assessments, such as Accuplacer; only the COMPASS is approved.