

Early Start Math Courses

ESM 5	<p>An Early Start experience in mathematics intended for incoming first-year students who have not yet met the CSU Entry Level Mathematics (ELM) Requirement.</p> <ul style="list-style-type: none"> • ESM 5 does not count toward any graduation requirement. • Enrollment is restricted to incoming first-year students. • Conducted primarily on-line, but students are required to come to campus three times for a total of 7.5 hours. • Successful completion of this course meets the requirement for having begun remediation in the summer in order to matriculate in the fall semester, but completion of this course does not satisfy the CSU ELM Requirement. • Students can meet or reduce this requirement by improving on the ELM exam; students completing this course are prepared (but not required) to retake the ELM exam. • Graded Credit/No Credit.
ESM 10	<p>Review of the properties of natural numbers and integers, including prime factorization. Introduction to the language of Algebra: translating between word phrases and algebraic expressions, evaluating algebraic expressions, and estimating the value of an algebraic expression. Includes working with fractions, including fractions with variable expressions in the numerator and denominator, ratios, proportions, and percent as well as their use in solving common applied problems. Concludes with the interpretation of graphs and calculation of elementary statistical measures.</p> <ul style="list-style-type: none"> • ESM 10 does not count toward any graduation requirement to be completed at CSUSM, but students who pass this course are ready for MATH 20. • Enrollment restricted to students who have not satisfied the Entry Level Mathematics (ELM) requirement and whose highest ELM score is below 30.
ESM 20	<p>Review of the use of algebraic expressions for the solution of linear equations and geometric problems. Introduction to the rectangular coordinate system and its use for graphing functions and representing information. Solution of linear systems of equations, linear systems of inequalities, equations, and inequalities involving the absolute value. Introduction to polynomial expressions, their properties, and the solution of polynomial equations.</p> <ul style="list-style-type: none"> • ESM 20 does not count toward any graduation requirement to be completed at CSUSM, but students who pass this course are ready for MATH 30. • Enrollment restricted to students who have not satisfied the Entry Level Mathematics (ELM) requirement and whose highest ELM score is between 30 and 38, inclusive.

ESM 30	<p>Review of the rectangular coordinate system, lines, linear equation systems, and polynomial expressions and arithmetic. Algebraic subjects include: simplification of algebraic expressions, solution of quadratic and rational equations, properties of exponents, and arithmetic operations involving rational exponents. Geometric subjects include: determination of angles, basic geometric figures and their uses, properties of triangles, circles, polygons, and applications of the Pythagorean Theorem.</p> <ul style="list-style-type: none"> • Enrollment is restricted to incoming first-year students with a highest Entry-Level Mathematics (ELM) exam score from 40 to 48. • ESM 30 does not count toward any graduation requirement to be completed at CSUSM, but completion of this course with a grade of C (2.0) or higher will satisfy the CSU ELM requirement.
ESM 111	<p>Fundamental college success skills including study skills, test-taking strategies, information literacy, academic and career planning will be covered with an emphasis on the development of quantitative skills necessary for successful completion of the lower-division curriculum in mathematics.</p> <ul style="list-style-type: none"> • Enrollment is restricted to incoming first-year students who have accepted admission at CSU San Marcos and submitted their Intent to Enroll. • Corequisite: ESM 11, section 01. • Successful completion of ESM 111 counts toward graduation requirements and satisfies the CSUSM Life-Long Learning and Information Literacy General Education requirement (Area E). • Students who plan on enrolling in a First-Year Learning Community at CSU San Marcos should consider ESM 5, 10, 20 or 30 as students may not receive credit for both ESM 111 and GEL 101 (and all First-Year Learning Communities include GEL 101).
ESM 11	<p>A mathematics laboratory for students who practice and apply learning and study skills from ESM 111. Individualized computer-driven instruction covers mathematical concepts and skills comparable to the scope of the Entry Level Mathematics (ELM) exam. Prepares students to retake the ELM exam and to succeed in their next mathematics/quantitative reasoning course.</p> <ul style="list-style-type: none"> • Enrollment is restricted to incoming first-year students who have accepted admission at CSU San Marcos and submitted their Intent to Enroll. • Corequisite: ESM 111, section 01. • ESM 11 does not count toward any graduation requirement to be completed at CSUSM • Successful completion of this course meets the requirement for having begun remediation in the summer in order to matriculate in the fall semester, but completion of this course does not automatically satisfy the CSU ELM Requirement. • Students enrolling in ESM 11 will retake the ELM examination at the conclusion of the course and may eliminate or reduce their mathematics remediation requirements. • SPECIAL SCHEDULING NOTE: In the last week, the class meets from 1:00-3:55 on 7/21-7/24.

Early Start English Courses

ESW 5	<p>An Early Start class in writing intended for incoming first-year students who have not yet met the CSU English Proficiency Requirement. ESW 5 is an intense 2-week course consisting of 12 in-class hours and 3 online hours (15 total hours). The emphasis is on generating, focusing and developing ideas as well as on the fundamentals of Standard English including grammar and punctuation. By moving students from writing paragraphs to writing a short (2-3 page) paper, the course emphasizes the writing process itself.</p> <ul style="list-style-type: none">• Enrollment is restricted to incoming first-year students.• ESW 5 does not count toward any graduation requirement• Successful completion of this course satisfies the requirement for having begun remediation in the summer in order to matriculate in the fall semester, but completion does not satisfy the CSU English Proficiency Requirement.• Graded Credit/No Credit.
ESW 25	<p>An Early Start class in writing intended for incoming first-year students who have not yet met the CSU English Proficiency Requirement. ESW 25 consists entirely of in-class hours. The course introduces students to writing skills such as generating ideas, focusing on those ideas, composing and revising drafts and to reading strategies such as annotation, summary, explanation, synthesis, and response necessary for college writing. This course will move from paragraphs writing to more sustained writing (6-page essay) resulting in a portfolio of work demonstrating successful development.</p> <ul style="list-style-type: none">• ESW 25 does not count toward any graduation requirement• Successful completion of this course satisfies the requirement for having begun remediation in the summer in order to matriculate in the fall semester, but completion does not satisfy the CSU English Proficiency Requirement.

<div data-bbox="245 722 302 1001"> <div data-bbox="245 722 302 1001">ESW 120</div> </div>	<p>Through selected material from the humanities, natural sciences and social sciences, students learn how various disciplines examine similar topics. The intent is to illustrate how disciplines interact to create knowledge and to prepare students for the wide array of reading and writing styles that will be required of them as they fulfill lower-division course work. Fundamental college success skills, information literacy, academic and career planning are also covered. Also offered as GEL 120.</p> <ul style="list-style-type: none"> • Enrollment is restricted to incoming first-year students who have accepted admission at CSU San Marcos and submitted their Intent to Enroll. • Students may not register for both ESW 120 and ESM 111. • Successful completion of this course satisfies the requirement for having begun remediation in the summer in order to matriculate in the fall semester and counts toward graduation requirements including satisfaction of the CSUSM Life-Long Learning and Information Literacy General Education requirement (Area E), but completion does not satisfy the CSU English Proficiency Requirement. • Students who plan on enrolling in a First-Year Learning Community at CSU San Marcos should consider taking ESW 5 or ESW 25 instead, as GEL 101 is a part of all First Year Learning Communities and students may not receive credit for both ESW 120 and GEL 101.
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