

**MATHEMATICS**

**MATH 2 Precalculus Algebra**

Presents functions and their properties including polynomial, rational, exponential and logarithmic functions and their graphs, inverses and applications. May not be taken Pass/No Pass. Prerequisite: MATH 152 or equivalent skills. Note: MATH 142 does NOT satisfy the prerequisite.

Transfer Credit: CSU; UC, WITH LIMITS: Math 2 & 4 combined: maximum credit- 5 semester units.

Section	Days	Times	Units	Instructor	Room
97719	MTWTH	8:30AM-11:35AM	4.00	L.Shipley	LRC1091
Meets 6/19-7/27. Holiday 7/4.					

**MATH 4 Precalculus Algebra and Trigonometry**

Covers topics in MATH 2 and MATH 3 and is designed for the motivated student able to fulfill the requirements of both courses in a single course. May not be taken Pass/No Pass. Prerequisite: MATH 152 or equivalent skills. Recommended Preparation: MATH 153 or high school geometry or equivalent skills. Note: MATH 142 does NOT satisfy the prerequisite.

Transfer Credit: CSU; UC, WITH LIMITS: Math 2 & 4 combined: maximum credit- 5 semester units.

Section	Days	Times	Units	Instructor	Room
97721	MTWTH	8:30AM-11:05AM	5.00	J.Smith	HORT5005
Meets 6/19-8/10. Holiday 7/4.					

97722	MTWTH	9:00AM-11:35AM	5.00	M.Chapa	711
Meets 6/19-8/10. Holiday 7/4.					

**MATH 5A Analytic Geometry and Calculus I**

Presents plane analytic geometry of lines and graphing, differential calculus of algebraic and transcendental functions of one variable with applications, and introductory integral calculus. May not be taken Pass/No Pass. Prerequisite: MATH 4 or MATH 2 and MATH 3 or equivalent skills.

Transfer Credit: CSU; UC, WITH LIMITS: MATH 5A & 18 combined: maximum credit- 1 course. C-ID MATH 210

Section	Days	Times	Units	Instructor	Room
97725	MTWTH	8:30AM-11:05AM	5.00	D.Adams	806
Meets 6/19-8/10. Holiday 7/4.					

97726	MTWTH	9:30AM-12:05PM	5.00	L.Simcik	716
Meets 6/19-8/10. Holiday 7/4.					

**MATH 5B Analytic Geometry and Calculus II**

Presents integral calculus of algebraic and transcendental functions of one variable with applications, techniques of integration, sequences and series. May not be taken Pass/No Pass. Prerequisite: MATH 5A or equivalent skills.

Transfer Credit: Transfers to CSU;UC C-ID MATH 220

Section	Days	Times	Units	Instructor	Room
97727	MTWTH	8:30AM-11:05AM	5.00	E.Braunhut	707
Meets 6/19-8/10. Holiday 7/4.					

**MATH 5C Analytic Geometry and Calculus III**

Presents vector valued functions, calculus of functions of more than one variable, partial derivatives, multiple integration, Green's Theorem, Stokes' Theorem, divergence theorem. May not be taken Pass/No Pass. Prerequisite: MATH 5B or equivalent skills.

Transfer Credit: Transfers to CSU;UC C-ID MATH 230

Section	Days	Times	Units	Instructor	Room
99614	MTWTH	9:00AM-11:35AM	5.00	A.Berman	708
Meets 6/19-8/10. Holiday 7/4.					

**MATH 6 Introduction to Linear Algebra**

Introduces linear algebra, including vectors in n-dimensional R, matrices, row reductions, inverse matrices, determinants, vector spaces, basis, change of basis, linear independence, transformations, eigenvalues, eigenvectors, and the Gram-Schmidt process. Students enrolled in the Honors Transfer Program may count this course towards the "Honors Scholar" designation with an Honors Contract. May not be taken Pass/No Pass. Prerequisite: MATH 5C or equivalent skills.

Transfer Credit: Transfers to CSU;UC C-ID MATH 250

Section	Days	Times	Units	Instructor	Room
99615	TWTH	9:00AM-12:05PM	3.00	D.Reynolds	825
Meets 6/20-7/27. Holiday 7/4.					

**MATH 12 Elementary Statistics**

Presents the use of probability techniques, hypothesis testing, and predictive techniques to facilitate decision-making. Prerequisite: MATH 142 or MATH 152 or MATH 112 or equivalent skills.

Transfer Credit: CSU; UC, WITH LIMITS: MATH 12/12H, BUS 9 and PSYCH 2A combined: maximum credit- 1 course C-ID MATH 110

Section	Days	Times	Units	Instructor	Room
97704	Arr.	Arr.	5.00	V.Ramos	OL
Section 97704 is an ONLINE course. Meets 6/19-7/28. Required orientation on 6/17, (before the start of summer session), 5:00PM-7:00PM in Room WatA150 at the Watsonville Center. Students will complete exams on campus on 7/3, 7/17, and 7/28, 5:00PM-8:00PM in Room WatA150. Make sure Admissions and Records has your current email address. If you have any questions email the instructor at vramos@cabrillo.edu.					

97705	MTWTH	8:00AM-11:35AM	5.00	B.Krein	715
Meets 6/19-7/27. Holiday 7/4. Course may require extensive use of a graphing calculator. See instructor for details.					

97706	MTWTH	8:30AM-12:05PM	5.00	P.Reuschling	714
Meets 6/19-7/27. Holiday 7/4. Course may require extensive use of a graphing calculator. See instructor for details.					

**MATH 142 Applied Intermediate Algebra**

Presents intermediate algebra topics with an emphasis on data analysis and modeling; satisfies prerequisite for MATH 10, MATH 12 or MATH 12H, or MATH 15; NOT a prerequisite for MATH 2, MATH 3, MATH 4, MATH 13, or MATH 18. May not be taken Pass/No Pass. Prerequisite: MATH 154 or MATH 154B or equivalent skills.

Section	Days	Times	Units	Instructor	Room
99616	Arr.	Arr.	5.00	G.Rodriguez	OL
Section 99616 is an ONLINE course. Meets 6/19-7/28. Required online orientation. Students will complete exams at the Watsonville Center on 6/29, 7/10, and 7/21 from 4:00PM-6:00PM in Room WatA220. Final exam on 7/28 from 4:00PM-7:00PM in Room WatA220. Make sure WebAdvisor has your current e-mail address. For details, see instructor's web page at go.cabrillo.edu/online.					

**MATH 152 Intermediate Algebra**

Continues development of algebra skills acquired in elementary algebra, which include the system of real numbers, polynomials, algebraic equations (linear, systems of linear, quadratic, and applications). May not be taken Pass/No Pass. Prerequisite: MATH 154 or equivalent skills.

Section	Days	Times	Units	Instructor	Room
97709	Arr.	Arr.	5.00	V.Lundquist	OL
Section 97709 is an ONLINE course. Meets 6/19-7/28. Students will complete exams at the Watsonville Center on 6/27, 7/10, and 7/21 from 6:00PM-8:00PM in Room WatA240 and on 7/28 from 6:00PM-8:50PM in Room WatA150. Online orientation via email. Make sure WebAdvisor has your current e-mail address. For details, see instructor's web page at <a href="http://go.cabrillo.edu/online">go.cabrillo.edu/online</a> .					
97710	MTWTH	9:00AM-12:35PM	5.00	J.Perez	WatA220
Meets 6/19-7/27. Holiday 7/4.					
97711	MTWTH	9:00AM-12:35PM	5.00	J.Krause	718
Meets 6/19-7/27. Holiday 7/4.					
97712	MTWTH	9:00AM-12:35PM	5.00	M.Miller	709
Meets 6/19-7/27. Holiday 7/4.					

**MATH 154 Elementary Algebra**

Presents a systematic development of numbers, polynomials and polynomial fractions, along with applications to the solution of linear equations, graphing of and solutions for systems of linear equations, quadratic equations and an introduction to exponents and radicals. May not be taken Pass/No Pass. Prerequisite: MATH 254B or MATH 254CM or MATH 254SI or equivalent skills.

Section	Days	Times	Units	Instructor	Room
97715	Arr.	Arr.	5.00	M.Caspers	OL
Section 97715 is an ONLINE course. Meets 6/19-7/28. In-person orientation Saturday, 6/17 (before the start of the summer session), from 1:00PM-2:30PM in Room WatA160. Students will complete exams at the Watsonville Center on 7/9 and 7/28 from 1:00PM-4:00PM in Room WatA160. For details, see instructor's web page at <a href="http://go.cabrillo.edu/online">go.cabrillo.edu/online</a> .					
97718	MTWTH	9:00AM-12:35PM	5.00	A.Lobato	WatA240
Meets 6/19-7/27. Holiday 7/4.					
97716	MTWTH	9:00AM-12:35PM	5.00	L.Meyer	717
Meets 6/19-7/27. Holiday 7/4.					

**MATH 254CM Essential Mathematics-Computer Mediated**

Presents topics in an accelerated format using computer software, assisted by the instructor, and covers whole numbers, fractions, decimals, percents, signed numbers, equations, statistics, proportions, and geometry.

Section	Days	Times	Units	Instructor	Room
99617	Arr.	Arr.	2.00	D.Reynolds	OL
Section 99617 is an ONLINE course. Meets 6/19-8/11. In-person orientation Sunday, 6/18 (before the start of the summer session), from 10:00AM-11:30AM in Room WatA340. Students will complete exams at the Watsonville Center on 6/26, 7/10, 7/31, and 8/10 from 5:00PM-8:00PM in Room WatA340. For details, see instructor's web page at <a href="http://go.cabrillo.edu/online">go.cabrillo.edu/online</a> .					

**MATH 254SI Essential Mathematics With Supplemental Instruction**

Presents topics in an accelerated format and covers whole numbers, fractions, decimals, percents, signed numbers, equations, statistics, proportions, and geometry with a required supplemental instruction component. Recommended Preparation: Eligibility for READ 205 by Assessment.

Section	Days	Times	Units	Instructor	Room
97720	MTWTH	8:30AM-11:45AM	6.00	M.Buchanan	HORT5001
Meets 6/19-8/10. Holiday 7/4.					

**MATH 502 Supervised Tutoring**

Provides supervised tutoring assistance in basic skills mathematics and basic skills mathematics applications found in other courses.

Section	Days	Times	Units	Instructor	Room
97723	Arr.	Arr.	0.00	E.Braunhut	LRC1074
Meets 6/19-8/11. Open entry/Open exit.					
97724	Arr.	Arr.	0.00	K.Jonker	WatA210
Meets 6/19-7/28. Open entry/Open exit.					