

Student Support Resources

Please see Orientation Module in Canvas for a more thorough list.

Math Success Center (MSC)

The Math Success Center (a.k.a. MSC) is a FREE service provided by SCC that provides students with supplemental learning to the classroom. A math faculty member, Instructional Assistants and student tutors are always on duty to assist students with questions or concerns from their math class. Additionally, computers are available for students to access mathematical software or complete internet-based assignments for any math class. The MSC is located in room D-209. The hours of operation for this semester are August 22 - December 8:

Monday - Thursday: 9:30 a.m.--7:30 p.m.
Saturday: 9:00 a.m.--3:00 p.m.
Closed Sundays and for School Observed Holidays

To utilize the MSC, you must enroll in MATHCE 100. You can do this on your first visit to the MSC.

This is a Pass/Satisfactory Progress, Open Entry/Open Exit noncredit lab course. You will need to complete at least 10 hours and one activity in the MSC within the 16-week semester to earn a grade of Pass (P) To earn a Satisfactory Progress (SP) students must complete at least one hour in the MSC. Attendance is tracked through the sign-in computer so when entering the MSC, scan your student ID card or type in your student ID number at the sign-in computer. When leaving, sign out the same way you signed in; signing out is critical in order to avoid losing any completed hours. If you have any questions or concerns, please email the MSC at mathsuccesscenter@sccollege.edu.

Learning Outcomes

Students Learning Outcomes

1. Use algebraic, numerical, and graphical processes to manipulate and analyze equations, inequalities, and functional relationships.
2. Formulate and analyze mathematical models for a variety of real-world phenomenon and use mathematical and technological tools to determine the veracity of the model.

Department Student Learning Outcomes

1. Create mathematical models of real-world phenomena, apply those models to make predictions about the behavior of the phenomena, apply appropriate problem-solving techniques, and critically evaluate the veracity of the obtained results.
2. Clearly communicate mathematical reasoning and problem-solving skills using a variety of formats, diverse technologies, and appropriate mathematical vocabulary and notation.
3. Integrate into educational and professional conduct a calm, confident, and ethical approach to mathematical reasoning and problem solving while taking personal responsibility for mathematical successes.

Attendance Policy

- September 4, 2022: Last day to drop with full refund
- September 5, 2022: Last day to drop without a "W" grade (withdrawal)
- November 13, 2022: Last day to drop with a "W" grade (withdrawal)

As in a traditional face-to-face course, you will be dropped from an online class for non-attendance. Attendance in an online class is determined by coursework. Simply logging into an online class without active participation does not count as attendance. You must immediately and continually show academic engagement with the course assignments and discussion boards including engaging communication with course instructor and with other students in the course.

*For detailed information about how "**NOT TO BE DROPPED**" please see under Syllabus in Canvas.

Academic Honesty Policy

Cheating in our online class is considered any of the following **during a class exam or quiz**.

- Seeking help from another individual or providing help to another student.
- The use of unapproved calculators or electrical devices.
- Accessing other websites on your computer, phone, ipad, laptop, tablet or any other internet-accessing device.
- Using a browser to search for answers. This includes accessing Chegg, Mathway, YouTube, Wolfram Alpha or even non-mathematical websites.
- Providing work on a class exam or quiz that is not your own.
- Using notes, book, or cheat sheet during a class exam or quiz, unless allowed by the instructor.

A violation of this policy will result in the student receiving a zero on that assignment and the filing of an Academic Honest Incident Report with the Dean of Students.

Regular and Effective Contact Policy

Please see Orientation Module in Canvas.

Title IX

Santiago Canyon College (SCC) faculty are committed to supporting our students and upholding gender equity laws as outlined by Title IX. Therefore, if a student chooses to confide in a member of SCCs faculty regarding an issue of sexual misconduct, that faculty member is obligated to tell SCCs Title IX Coordinator. If a student does not wish to formally report an incident to a faculty member but wishes to speak to someone confidentially about an unwelcome sexual encounter, the student can speak to the College Psychologist who is not legally bound to report the conversation. The College Psychologist is in the Student Health & Wellness Center in T-102 or call (714) 628-4773.

Class Behavior

Based upon the RSCCD Standards of Student Conduct (also known as the Code of Conduct) all students will be in violation of the code should you become disruptive in any way, such that you disrupt the teaching of this class or do not follow our class communication policy. Students who violate the Standards of Conduct are subject to disciplinary action which includes Warnings, Probation and Suspension from all classes and activities within the district.

Homework

Homework is assigned from every section covered. Your homework will be accessed through Canvas. **Write your homework on paper and keep it handy.** Not only will you need it to study, but we will be posting and answering questions on a discussion board. Homework is due as scheduled on the last page. Any missing homework assignments may be completed for a grade until the test that covers that material is scheduled. Contact me via Canvas Inbox if you need an assignment reopened. Homework is due as listed on the schedule.

Quizzes

Quizzes will be taken in the support course Math N41 on Canvas. They will be assigned after every chapter. They will be due by 11:59 pm on Sunday of the week assigned.

Exams

There will be 3 exams and 1 final given on the dates indicated on the next page. The exams will be done online in canvas and a pdf or jpeg of your handwritten work will be uploaded. Everyone is required to take a **comprehensive final exam** during the last day of class.

Grades

Weighted Grade Percentages

Homework and Discussion Board	20%
Chapter Exams	60%
Final Exam	20%

Letter Grade Percentages

A:	90 - 100%
B:	80 - 89%
C:	70 - 79%
D:	60 - 69%
F:	Below 60%

Lesson Schedule

DB: Discussion Board HW: Homework

Week	Class	LESSON Covered that Day	HW/Assessment DUE
Week 1 Aug 22 – Aug 28	171	1.1 and 1.2 Function Review 1.3 Rate of Change and Behavior of Graphs 1.4 Composition of Functions 1.5 Transformation of Functions	<u>Due Thursday, Aug. 25</u> DB: Ice Breaker Post <u>Due Monday, Aug. 29</u> DB: Week 1 HW: Week 1
Week 2 Aug 29 – Sept 4	171	1.6 Absolute Value Functions 3.1 Complex Numbers 3.2 Quadratic Functions	<u>Due Monday, Sept 5</u> DB: Ice Breaker Replies DB: Week 2 HW: Week 2
Week 3 Sept 5 – Sept 11	171	3.3 Power Functions and Polynomial Functions 3.4 Graphs of Polynomial Functions 3.6 Zeros of Polynomials	<u>Due Monday, Sept 12</u> DB: Week 3 HW: Week 3
Week 4 Sept 12 – Sept 18	171	3.7 Rational Functions 3.8 Inverses and Rational Functions 3.10 Polynomial & Rational Inequalities*	<u>Due Monday, Sept 19</u> DB: What is working and... DB: Week 4 HW: Week 4
Week 5 Sept 19 – Sept 25	171	5.1 Angles, Circles, etc. 5.2 Unit Circle: Sine & Cosine Exam 1 (Chapters 1 – 3)	<u>Due Monday, Sept 26</u> Exam 1 (Chapters 1 – 3) DB: Week 5 HW: Week 5
Week 6 Sept 26 – Oct 2	171	5.3 Other Trig Functions 5.4 Right Triangle Trig 4.1 Exponential Functions	<u>Due Monday, Oct. 3</u> DB: Week 6 HW: Week 6
Week 7 Oct 3 – Oct 9	171	4.2 Graphs of Exponentials 4.3 Logarithmic Functions 4.4 Graphs of Logarithmic Functions	<u>Due Monday, Oct. 10</u> DB: Likes and Dislikes Post DB: Week 7 HW: Week 7
Week 8 Oct 10 – Oct 16	171	4.5 Logarithmic Properties 4.6 Exponential & Logarithm Equations 4.7 Exponential & Logarithm Models	<u>Due Monday, Oct. 17</u> DB: Likes and Dislikes Replies DB: Week 8 HW: Week 8

Week	Class	LESSON Covered that Day	HW/Assessment DUE
Week 9 Oct 17 – Oct 23	171	6.1 Graphs of Sine and Cosine 6.2 Graphs of Other Trig Functions 6.3 Inverse Trigonometric Function	<u>Due Monday, Oct. 24</u> DB: Week 9 HW: Week 9
Week 10 Oct 24 – Oct 30	171	7.1 Solving Trig Equations with Identities 7.2 Sum & Difference Identities 7.3 Double-Angle, Half-Angle & Reduction Formulas	<u>Due Monday, Oct. 31</u> DB: Week 10 HW: Week 10
Week 11 Oct 31 – Nov 6	171	7.5 Solving Trig Equations Exam 2 (Chapters 1 – 7) 8.1 Law of Sines	<u>Due Monday, Nov. 7</u> Exam 2 (chapters 1-7) DB: Week 11/Exam 2 HW: Week 11
Week 12 Nov 7 – Nov 13	171	8.2 Law of Cosines 8.3 and 8.4 Polar Coordinates and Graphs 9.3 Systems Nonlinear	<u>Due Monday, Nov. 14</u> DB: Week 12 HW: Week 12
Week 13 Nov 14 – Nov 20	171	10.1 The Ellipse 10.2 The Hyperbola 10.3 The Parabola	<u>Due Monday, Nov. 21</u> DB: Week 13 HW: Week 13
Week 14 Nov 21 – Nov 27	171	11.1 Sequences & Their Notations 11.2 & 11.3 Arithmetic & Geometric Seq THANKSGIVING	<u>Due Monday, Nov. 28</u> DB: Week 14 HW: Week 14
Week 15 Nov 28 – Dec 4	171	11.4 Series and Their Notations Exam 3 (Chapters 1 – 11)	<u>Due Monday, Dec. 5</u> DB: Week 15/Exam 3 HW: Week 15 Exam 3 (Chapters 1 – 11)
Week 16 Short Week* Dec 5 – Dec 8	171	Review Final Exam	<u>Due Thursday, Dec. 8</u> Final Exam