

# Math N41 (15898) Precalculus Support Course

---



## Division Information

Santiago Canyon College  
Math and Science Division located in SC-210

## Course Information

**Professor:** Dr. Laney Wright **Start Date:** Monday, August 22, 2022  
**Course:** Math N41 (15898): Precalc Support **End Date:** Thursday, December 8, 2022  
**Zoom Meetings:** None – 100% Online  
**Canvas Course Login Link:** <https://rsccd.instructure.com/> (Look for our course)

### **Course Materials:**

- 1) Textbook:** Precalculus, by Jay Abramson, from Openstax, Creative Commons Attribution 4.0 International (CC BY) license, 2014. The book is free for pdf download. Link to the Openstax text: [Precalculus](#). A link will also be provided via our Canvas Course.
- 2) Graphing Calculator:** TI-83 or 84 recommended. All other calculators must be approved.
- 3) Computer:** Your computer must have reliable internet access.  
*All instructional documents throughout the course will be provided in the PDF format, so please update your Adobe Reader to the current version. [Download this free software \(Links to an external site.\)](#) from Adobe's website.*

## Professor Contact Information

**Best Form of Contact:** **Canvas Inbox.** When you are in Canvas, there will be an Inbox option in the Navigation list on the left. Please use the Canvas Inbox whenever possible.

**Email:** [wright\\_laney@sccollege.edu](mailto:wright_laney@sccollege.edu) (Only for Emergencies – Canvas Inbox is best)  
**Phone:** 714-628-4949

**Remote Office Hours:** Mondays and Wednesdays: 11:30 am – 12:30 pm  
**Zoom links will be provided in Canvas Modules**

## Course Catalog and Prerequisites

### **Catalog Entry:**

A review of mathematics needed to be successful in Precalculus. Topics are drawn from Algebra and Trigonometry. Intended for students who did not directly place into Math 170, Math 171, or for students who would like to supplement their learning with prerequisite skills.

### **Co-requisite:**

Must also be enrolled in Math 171 concurrently.

## 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](mailto:mathsuccesscenter@sccollege.edu).

## Learning Outcomes

### **Students Learning Outcomes**

1. Manipulate expressions and solve equations using concepts in algebra and trigonometry.
2. Analyze functions graphically and algebraically.

### **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.

You must be concurrently enrolled in Math 171 (15879) and Math N41 (15898). If you drop one, you will be dropped from the other.

\*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.

## Lab Assignments

Lab assignments are designed to prepare you for Math 171 material as well as to strengthen your understanding of precalculus. As our class progresses, feel free to request topics for our lab assignments that you feel you need more help with. Your lab assignments will be accessed through Canvas. Labs are due as scheduled on the last page. Any missing lab assignments may be completed for a grade until the test that covers that material is scheduled. Contact me via Canvas Inbox if you need a lab assignment reopened.

## Quizzes

Quizzes will be taken on Canvas. They will be assigned after every chapter covered in Math 171. They will be due by 11:59 pm on Monday of the following week.

## Grades

This is a pass/no pass lab. Your course grade will be based on lab assignments and quizzes.

**Pass:** 70% or higher on overall points possible.

**No Pass:** Below 70% on overall points possible.

**Lab and Quiz Schedule:** The lab assignments and quizzes are posted in the weekly modules in Canvas. They may change as the needs of the class evolve throughout the semester.

Week	LESSON Covered that Day	HW/Assessment DUE
<b>Week 1</b> Aug 22 – Aug 28	A: Interval Notations B: Simplifying Square roots C: Factoring	<b><u>Due Monday, Aug. 29</u></b> LAB: Week 1 Quiz 1: Introduction to MOM
<b>Week 2</b> Aug 29 – Sept 4	D: Modeling with Linear Functions E: Special Triangles & Radians	<b><u>Due Monday, Sept. 5</u></b> LAB: Week 2 Quiz 2: Ch. 1
<b>Week 3</b> Sept 5 – Sept 11	F: Reference Angles G: Fractions	<b><u>Due Monday, Sept. 12</u></b> LAB: Week 3 Quiz 3: Lab D
<b>Week 4</b> Sept 12 – Sept 18	H: Quadrant I of Unit Circle I: Radian Values, Sine & Cosine on Unit Circle	<b><u>Due Monday, Sept. 19</u></b> LAB: Week 4 Quiz 4: Ch. 3
<b>Week 5</b> Sept 19 – Sept 25	<b>TBA: Requested Material</b>	<b><u>Due Wed 9/21 &amp; Fri 9/23</u></b> DB: Exam 1 Summary  <b><u>Due Monday, Sept. 26</u></b> LAB: Week 5 Quiz 5: Ch. 5
<b>Week 6</b> Sept 26 – Oct 2	J: Exponent Rules	<b><u>Due Monday, Oct. 3</u></b> LAB: Week 6
<b>Week 7</b> Oct 3 – Oct 9	<b>TBA: Requested Material</b>  <b>Ideas:</b> <i>Recognizing and Solving Various functions</i>	<b><u>Due Monday, Oct. 10</u></b> LAB: Week 7
<b>Week 8</b> Oct 10 – Oct 16	<b>TBA: Requested Material</b>  <b>Ideas:</b> <i>Review Section 3.8 Inverses Before 6.3</i> <i>Moving from unit Circle (x,y) to (theta, y)</i>	<b><u>Due Monday, Oct. 17</u></b> LAB: Week 8 Quiz 6: Ch. 4

Week	LESSON Covered that Day	HW/Assessment DUE
Week 9 Oct 17 – Oct 23	TBA: Requested Material	<b><u>Due Monday, Oct. 24</u></b> Quiz 7: Ch. 6 Lab: Week 9
Week 10 Oct 24 – Oct 30	TBA: Requested Material  Ideas: <i>Factoring Trig using U-substitution</i>	<b><u>Due Monday, Oct. 31</u></b> Quiz 8: Ch. 7 Lab: Week 10
Week 11 Oct 31 – Nov 6	K: Solving Systems of Equations	<b><u>Due Wed 11/2 &amp; Fri 11/4</u></b> DB: Exam 2 Summary  <b><u>Due Monday, Nov. 7</u></b> Lab: Week 11
Week 12 Nov 7 – Nov 13	L: Introduction to Conics	<b><u>Due Monday, Nov. 14</u></b> Quiz 9: Ch. 8 Quiz 10: Ch. 9.3 Lab: Week 12
Week 13 Nov 14 – Nov 20	TBA: Requested Material	<b><u>Due Monday, Nov. 21</u></b> Quiz 11: Chapter 10 Lab: Week 13
Week 14 Nov 21 – Nov 27	THANKSGIVING	<b><u>Due Monday, Nov. 28</u></b> Lab: Week 14
Week 15 Nov 28 – Dec 4	Exam 3 Review	<b><u>Due Wed 11/30 &amp; Fri 12/2</u></b> DB: Exam 3 Summary  <b><u>Due Monday, Dec. 5</u></b> Quiz 12: Chapter 11 Lab: Week 15
Week 16  Short Week* Dec 5 – Dec 8	  Review <b>Final Exam</b>	  <b><u>Due Thursday, Dec. 8</u></b> Final Exam