

Schedule Saturday

March 4th, 2023

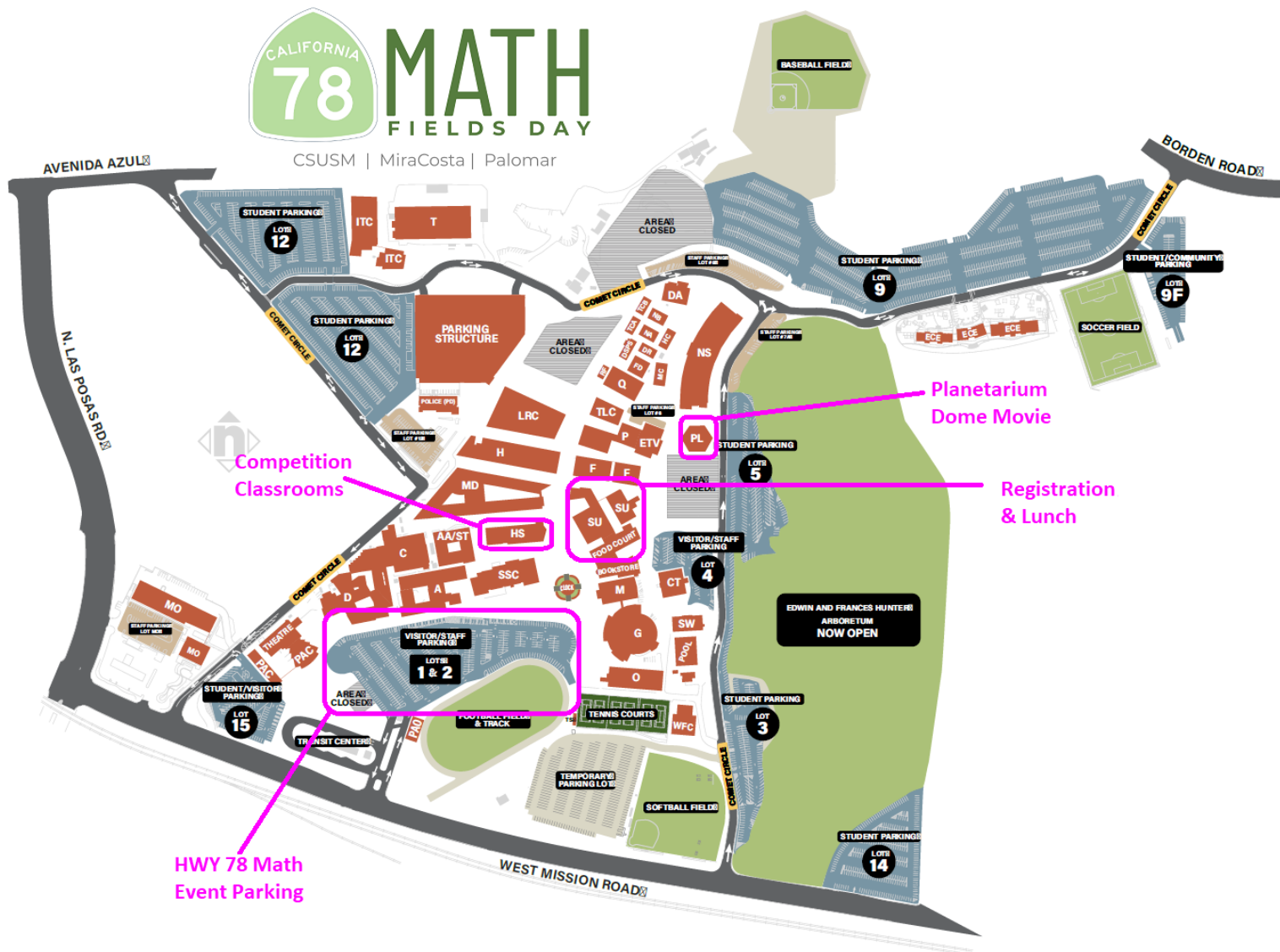


8:00 - 9:00 AM	Check-in/Registration & Refreshments in Student Union (SU)	
9:00-9:15 AM	Welcome (SU)	
9:15-9:30 AM	Transition to Classrooms	
9:30 - 10:30 AM	Precalculus Test: Rooms: HS-203, HS-204, HS-205, HS-206	<i>An introduction to Graph Coloring</i> Gina Sanders Suppose you are given a blank map and asked to color it so that no two countries that share a border have the same color. How many colors would you need to accomplish this? Although first formulated in the 1700's, graph theory is still a relatively new field in mathematics, the majority has been developed in the last 50-100 years. In this talk, you will learn some basics of graph theory and explore some exciting applications in science and technology.
10:30 - 10:50 AM	BREAK/TRANSITION	
10:50 - 11:50 AM	Calculus 1 Test: Rooms: HS-203, HS-204, HS-205, HS-206	<i>A Chaotic Introduction</i> Dr. Kimberly Ayers When you hear the word "chaos", what do you think? Lack of a pattern? Randomness? In this talk, we'll discuss what chaos means in a mathematical sense. It turns out that there is much more to chaos than meets the eye! Applications will include biology, weather, and even Jurassic Park.
11:50 - 12:10 PM	BREAK/TRANSITION	
12:10 - 12:40 PM	Fractal Explorations Dome movie in Planetarium	
12:40-2:00 PM	LUNCH + Prize Ceremony In Student Union	





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PARKING

Please park in lots 1 & 2, in **Staff** parking places, there will be no citations from 8am - 3pm on the day of the event.

REGISTRATION

Walk north-east (past clock tower) to the **Student Union (SU building)** for registration. Classroom assignments, lunch tickets and T-shirts will be given out during registration. Light refreshments will be served in SU before the tests, please grab some to energize you!

TESTS

All tests will be held in rooms HS 203-206, in the second floor of HS building just in front of SU building. If taking both tests, stay in the HS building for instructions. If you are only taking one test, return to SU after finishing it.

Planetarium

After both tests and math talks, everyone will enjoy a free fractal dome movie in the Planetarium. Please make your way back to the SU building, there will be markers and volunteers to guide you to the Planetarium. After the movie please make your way back to the SU building for lunch, prizes and closing ceremonies

Palomar College, 1140 West Mission Rd, San Marcos, CA, 92069