Student Taught Courses
Amber Valdés
Rubik's Cube Class

Course Description (Syllabus)

This course is designed for anyone who wants to learn to solve a Rubik's cube. No experience necessary. The first half of the course will cover a layer by layer method to solving the cube. Students will be encouraged to try to solve it intuitively first. Then the students will learn the concept for a 3 cycle method for solving the cube blindfolded. Class time will consist of lectures and breaking up into groups to practice with cubes. There will be written homework and students will be encouraged to practice cubing outside of class. Grading will be based on attendance, participation, and homework.

Week 1: Structure of a Cube and Notation
Week 2: First Layer
Week 3: Second Layer
Week 4: Last Layer (1)
Week 5: Last Layer (2)
        By this time they will know how to solve a cube
Week 6: Patterns
Week 7: Blindfold (3 cycle method - intro)
Week 8: Permutations of the Last Layer
Week 9: Blindfold
Week 10: Speedcubing Intro