

Central High School
Discrete Mathematics
Carol Davidson

Course Syllabus

Course Description: This course will include a study of variations, sequences and series, probability, matrices and determinants, statistics, conic sections as well as a review of area and volume of solid geometric shapes.

Required class materials: 3-ring binder, loose-leaf paper, pencils, dividers, book cover, scientific calculator.

Text: No textbook

Course Outline:

- 1) Variations
- 2) Sequences and Series
- 3) Probability
- 4) Matrices and Determinants
- 5) Statistics
- 6) Conic Sections
- 7) Geometry Review of Areas and Volumes

Grading: Daily homework, daily quizzes, chapter tests, binders/folders at the end of each chapter, attendance.

Classroom Routine: Check the agenda on the board, have homework questions ready when the bell rings, answer homework questions and collect homework, present new material, assignment given, daily quiz, guided study.

Make-up work: It is the student's responsibility to stop by my room and pick up a make-up work form when absent. The student must be prepared for the next class session, which includes getting notes and making up any missed quizzes/tests.

Contact Information: I arrive at school by 7:30 am and am available after school. My e-mail address is: cdavidson@cusd4.org and can be reached by phone at 815-694-2321.