

Advanced Mathematical Decision Making

Course Syllabus

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Topics Covered: This course will give students further experiences with mathematics in daily settings, analyzing numerical data, probability, statistical information and summaries, methods of designing and conducting statistical studies, using recursion in models and decision making, modeling of data, basic financial decisions, and use network models for making informed decisions. Students will be introduced to a variety of real-world mathematical concepts along with several opportunities to establish college readiness.

Assignments: Assignments will be given and checked regularly. *All work must be shown to receive credit.* Students will receive full credit, half credit, or no credit for the assignments; this is based on completion only.

Calculator Usage: A Casio fx-115ES PLUS is needed for this class.

Average: Student grades will be averaged by the following:

Major Projects/ Tests = 40%

Assignments/ Daily Grades = 15%

Minor Projects/Quizzes = 25%

Semester Exam = 20%

Grading Scale: Final grades will use the following scale:

A 100 – 90

B 89 – 80

C 79 – 70

F Below 70

Quizzes, Tests: ALL work must be shown to receive credit

Final Exam: This is a comprehensive test covering this semester only. It will contain problems similar to those found on quizzes and tests, as well as previous projects.

Field Trips, College Visits, prearranged absence, etc.: The student is responsible for work missed. Since these are prearranged, you must have your assignment on the normal due date.

Make-up work: MAKE-UP WORK IS THE STUDENT'S RESPONSIBILITY!

Upon returning to school following an absence, it is the student's responsibility to obtain make-up work.

- The student will be given the same amount of time to make up the work as the student was absent unless other arrangements are mutually agreed upon.
- **If a student is absent the day when a test/quiz is given or the day before a test/quiz is given, the student should be prepared to complete the test/quiz in class upon his/her return to class. If a student is absent the day an assignment is due, the student should be prepared to turn it in upon his/her return.**

RECOVERY: In order to be eligible for recovery a student must have a cumulative average of a 74 or below, be engaged in class, and demonstrate diligent effort. Recovery is available only on tests. The recovery test and original test will be averaged for a maximum grade of a 75. Recovery will not be offered until after the second test of the semester, and recovery must be completed 10 days before the end of the semester. The recovery process must be **initiated by the student** within five days of the student receiving the graded assignment and completed prior to the next unit test.

HONOR CODE:

As explained in the student handbook, cheating is defined as “the giving or receiving, in any form, information relating to a gradable experience.” Violations of the honor code will result in a zero for the assignment, plus an honor code violation form will be placed in the student’s disciplinary file. Read the handbook carefully to fully understand what constitutes a violation. **For the complete honor code policy, visit the Student Handbook on www.northviewhigh.com.**

Concerning calculator use: The storing and/or use of information not specifically authorized by the teacher on a calculator used on a test, quiz or other graded exercise are a violation of the Honor Code. Also, if a student borrows a calculator from another student in a different class and the calculator has stored information related to the graded exercise, it will be considered an Honor Code Violation.

PARENT/TEACHER COMMUNICATION:

Communication with parents about academic progress, behavior and/or attendance is welcomed and will be handled by phone, email, conference, or a combination of these as the need arises. **Home Access Center (HAC) is available for the use of all parents in monitoring a student’s academic progress, attendance, or behavior. Parents, please be sure to have correct email information in HAC. The most efficient way to contact your teacher is through school email.**

EXTRA HELP:

Help sessions will be offered per teacher per week. Please talk to your teacher to find out when his/her help sessions are.

*** We do not offer help on a Quiz or a Test day! ***

BEHAVIOR:

The purpose of the classroom is to help facilitate your understanding and growth. Any behavior that will inhibit and/or disrupt the learning environment will not be tolerated. Students who do not comply with behavior expectations will receive:

- 1st Offense: Verbal Warning
- 2nd Offense: Teacher Administered Repercussion
- 3rd Offense: Office Referral

*Teachers may immediately refer students to the office depending on the severity of the behavior.

Note: This syllabus is meant to serve as a guide for the semester. The teacher reserves the right to change or adjust any section of the syllabus during the semester in order to more adequately meet the needs, abilities, and interests of the students.

Thank you,
Evan Baker
Megan Gloede
Wesley Henderson
Shawn Moore



* Please come and see us if you need help in this class. Keeping up with the material is very important. Don’t wait until it is too late to ask for help we want you to succeed!