Intermediate Algebra Syllabus

Mr. Matt Aune
763-506-8560
matthew.aune@anoka.k12.mn.us)

Course Description

Intermediate algebra is a one credit course in a series of math courses required for high school graduation. This course will be followed by these other required math courses: geometry, advanced algebra, and statistics & probability.

Grading Protocol

Weighted Categories:
Daily Homework Assignments = 5%
Formative Weekly Quizzes = 35%
Summative Unit Tests = 50%
Common Summative Assessment (Final Exam) = 10%

Grading Scale:

A	= 93% - 100%	C	= 73% - 76.9%
A-	= 90% - 92.9%	C-	= 70% - 72.9%
B+	= 97% - 89.9%	D+	= 67% - 69.9%
B	= 83% - 86.9%	D	= 63% - 66.9%
B-	= 80% - 82.9%	D-	= 60% - 62.9%
C+	= 77% - 79.9%	F	= 0% - 59.9%

Re-Learning Opportunities and Expectations

Some students will be expected to re-learn and re-do a learning target on a formative weekly quiz, while all students will have the opportunity to re-learn and re-do both formative weekly quizzes and summative unit tests. Students failing formative weekly quizzes are expected to fulfill their obligation to re-learn and re-do the learning target(s) they failed. Those that didn't fail the weekly formative quiz have the choice to re-learn and re- do. The new score on the re-do replaces the original score in the grade book.

Students who are expected or have chosen to re-learn and re-do a quiz or test are required to:

- Attend math intervention during their lunch period.
- Complete the video and note-taking packet that goes with the video.
- Complete the practice problems packet.
- Take the new quiz or test.

Due Dates and Deadlines

Due dates represent the time an assignment is expected to be completed and collected. Deadlines represent the time an assignment will no longer be accepted for credit. Any assignment handed in after the due date but before the deadline will be assessed a 10% deduction in the grade.

- **Homework Assignments:** The due date will always be the day after the assignment was given (unless otherwise noted.) The deadline will always be the day of the summative unit test.
- **Quizzes and Tests:** The due date and the deadline are both at the end of the class period which it was given.
- **Re-learning and Re-doing Weekly Quizzes:** The due date and the deadline are the Friday of the following week that the original quiz was given.
- **Re-learning and Re-doing Unit Tests:** The due date and the deadline are the same day that the next unit test is given. Typically this will be a two or three week timeline.

Absent
- **Homework Assignments:** If absent on due date, you must turn in upon completion. If absent on the day it was assigned, you will have a two day extension on the due date.
- **Quizzes and Tests:** If absent on test or quiz day, you will be asked to take the test or quiz on the next day you are in class. If absent on a day leading up to the quiz you may still be required to take the test upon your return. Remember that each quiz/ test has an option for re-doing.

Graphing Calculator Needs
- **Best Option**: Purchase a TI83 or TI84 graphing calculator ($80 to $110)
- **Second Option:** Borrow a TI84 from the IMC (heavy fine if not returned.)
- **Third Option:** Use a free on-line graphing calculator (link found on our on-line resource page described below.)

Available Resources
- **Anoka-Hennepin Intermediate Algebra Textbook**:
  Best Option: Purchase the book for $7
  Second Option: Use the free on-line version
- **Intermediate Algebra On-Line Resource Page:** Go to: www.moodle.anoka.k12.mn.us – district math – intermediate algebra (here you will find an on-line graphing calculator, on-line textbook – on-line answer key for daily homework assignment. Students are expected to check their answers to daily homework problems here.)
- **Attend Husky House** (our after school study hall staffed by at least one math teacher) M-Th 2:40pm to 5:00pm in the IMC.
- **Available Tutors –** ask about contact information for:
  Peer Tutors (NHS Students,) Private Tutors (fee based,) and District Tutors.
- **Check your teacher's availability** for after school and before school help.

Intermediate Algebra Course Outline
Term A
- **Unit 1** – Linear Programming
- **Unit 2** – Functions
- **Unit 3** – Exponential Functions
- **Unit 4** – Situations That Can Be Modeled With Parabola

Term B
- **Unit 5** – Solving Quadratic Equations
- **Unit 6** – Square Root Functions and Radical Equations
- **Unit 7** – Polynomial and Cubic Functions
- **Unit 8** – Absolute Value Functions