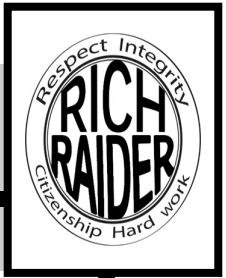




MS. ESTRADA  
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470 254-7640



## Advanced Mathematical Decision Making 2021-22

Alpharetta High School

ROOM 3211  
ROOM 5220  
ROOM 5217

### Units

1	Analyzing Numerical Data
2	Probability
3	Statistical Studies
4	Using Recursion
5	Using Functions
6	Decision Making in Finance
7	Networks and Graphs

**Materials:** Scientific calculator, graph paper, PENCILS, binder, loose leaf paper



### TEXTBOOK

Advanced Mathematical Decision Making, 2010 Edition, Charles A. Dana Center, University of Texas.

*This text will not be distributed to students but will serve as a resource in class.*

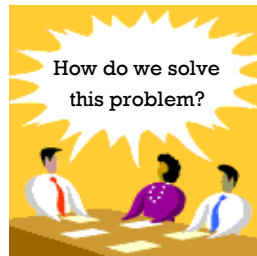
Replacement cost: \$15.00

## COURSE DESCRIPTION:

*This course will give students further experiences with statistical information and summaries, methods of designing and conducting statistical studies, and opportunity to analyze various voting processes, modeling of data, basic financial decisions, and use network models for making informed decisions. The prerequisite course is GSE Algebra 2.*

*The course is project-based, so students will participate in group activities and will make presentations to the rest of the class on a regular basis. **Daily classwork grades are collaborative but most assessments are graded individually.***

**R.I.S.E. is on  
Wednesday  
Mornings  
7:45am to 8:15am**



### GRADES

Grades will be weighted using the following percentages:

Major Assessments = 40%  
Minor Assessments = 45%  
Practice Assessments = 15%

### Grading Scale

A — 90% and above  
B — 80 - 89%  
C — 70 - 79%  
F — below 70%

## EXPECTATIONS:

- ♦ Attend class daily. This is critical to your success!!
- ♦ Respect your teachers, other students, yourself, and your school.
- ♦ Be on time, prepared and organized.
- ♦ Stay on task and accept responsibility for your learning.
- ♦ Work cooperatively and productively with all group members on all group activities and presentations.
- ♦ Always do quality work; give 100% every day
- ♦ Seek extra help (from me or from peers) if you are having trouble.
- ♦ Follow the "Group Norms" that we establish at the beginning of the school year.
- ♦ Follow all school rules. Appropriate school behavior is expected at ALL times.

### Homework

When homework is assigned, it should be turned in the next day, and you must **show all work** to receive full credit.

### STANDARDS:

Course standards are detailed at

<https://www.georgiastandards.org/Standards/Georgia%20Performance%20Standards/CCGPS-Advanced-Mathematical-Decision-Making.pdf>



# Advanced Mathematical Decision Making

Alpharetta High School

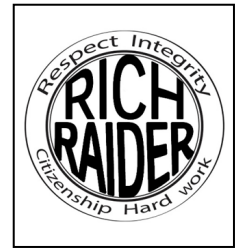
2021-22

**Ms. Estrada / Mrs. Chiclana / Mr. Milam**

Room 3211

Room 5220

Room 5217



## Student Information

LAST NAME \_\_\_\_\_ FIRST NAME \_\_\_\_\_ MI \_\_\_\_\_

Period (Circle One):    1       2       4       6       Grade \_\_\_\_\_

### CONTACT INFORMATION:

Parent/Guardian Name	Daytime Phone Number	Work Email	Home Email
Student Email			

## To Parents

We are committed to doing our best to guarantee your student's success. We value your participation in your student's education. You are encouraged to monitor your student's progress and would like to suggest several techniques for doing so:

- Check grades and attendance through IC
- Email your concerns to your teacher: [estradaks@fultonschools.org](mailto:estradaks@fultonschools.org)  
[chiclanad@fultonschools.org](mailto:chiclanad@fultonschools.org) or [milamd@fultonschools.org](mailto:milamd@fultonschools.org) (this is the best method of communication) and review assignment on the websites
- Encourage your student to ask questions during class and to make appointments for extra help

By signing below, you verify that you have read the syllabus for this course and the AHS Common Syllabus.

_____	_____
Student Signature	Parent Signature
_____	_____
Date	Date