



Course Name	Instructor	Instructor E-mail & Availability
Discrete Math	Mr. Nguyen	anguyen@aps.k12.co.us
Course Website	Class Meeting Times & Location:	Prerequisites
	Daily Mobile 2B	NA

Course Description	
This course emphasizes logic and problem solving through matrix models, discrete models of change including recursion, set theory, and counting models.	
Standards	
Mathematical Practices <ul style="list-style-type: none"> ● Make sense of problems and persevere in solving them. ● Reason abstractly and quantitatively. ● Construct viable arguments and critique the reasoning of others. ● Model with mathematics. ● Use appropriate tools strategically. ● Attend to precision. ● Look for and make use of structure. ● Look for and express regularity in repeated reasoning. 	
Learning Outcomes by Quarter	
Quarter 1	TBD
Quarter 2	TBD
Quarter 3	TBD
Quarter 4	TBD

Required Supplies

Spiral notebook and pencil

Grading

Students will be graded on a 4 point scale for all assignments

Point	Letter Grade	Explanation
3.0-4.0	A	In addition to the performance score of 3.0, the student demonstrates in depth inferences and applications that extend beyond what was taught.
2.5-2.99	B	There are no major errors or omissions regarding any of the information and/or processes (simple or complex) that were explicitly taught. This level is mastery
2.0-2.49	C	There are no major errors or omissions regarding the simpler details and processes, but there are major errors or omissions regarding the more complex ideas and processes.
1.0-1.99	D	With help, the student demonstrates a partial understanding of some of the simpler details and processes and some of the more complex ideas and processes.
Below 1.0 or No Evidence	F	Even with help, the student cannot demonstrate understanding of the simple details.

School Policies

REQUESTS FOR HOMEWORK

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MAKE-UP WORK DURING ABSENCES

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If the absence was unexcused, the teacher should provide feedback but is not required to give credit for the work.

TARDY POLICY

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Classroom Policies

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 3. Be aware of others and help when appropriate (or seek help)
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I have carefully read the expectations of this course and agree to support the goals and initiatives of the course. I will show up, speak up, stand up and go further than I ever thought possible.

Student name: _____(print)

Grade _____ Period _____

Student Signature: _____

Parent/Guardian Name: _____

Parent/Guardian Signature: _____

Parent/Guardian Phone Number: _____

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Course Name	Instructor	Instructor E-mail & Availability
Financial Algebra	Mr. Nguyen	anguyen@aps.k12.co.us
Course Website	Class Meeting Times & Location:	Prerequisites
	Daily Mobile 2B	NA

Course Description

This course is a comprehensive learning program aligned to the Common Core State Standards. It is an applications-rich, algebra-based, technology-oriented program that incorporates mathematical skills from Algebra 2, Pre-calculus, Calculus, Probability, and Statistics in real-world contexts. Topics include: Banking, Investing, Credit, Employment and Income Taxes, Automobile Ownership, Independent Living, and Retirement Planning and Household Budgeting.

Standards

Mathematical Practices

- Make sense of problems and persevere in solving them.
- Reason abstractly and quantitatively.
- Construct viable arguments and critique the reasoning of others.
- Model with mathematics.
- Use appropriate tools strategically.
- Attend to precision.
- Look for and make use of structure.
- Look for and express regularity in repeated reasoning.

Learning Outcomes by Quarter

Quarter 1

TBD

Quarter 2

TBD

Quarter 3

TBD

Quarter 4

TBD

Required Supplies

Spiral notebook and pencil

Grading

Students will be graded on a 4 point scale for all assignments

Point	Letter Grade	Explanation
3.0-4.0	A	In addition to the performance score of 3.0, the student demonstrates in depth inferences and applications that extend beyond what was taught.
2.5-2.99	B	There are no major errors or omissions regarding any of the information and/or processes (simple or complex) that were explicitly taught. This level is mastery
2.0-2.49	C	There are no major errors or omissions regarding the simpler details and processes, but there are major errors or omissions regarding the more complex ideas and processes.
1.0-1.99	D	With help, the student demonstrates a partial understanding of some of the simpler details and processes and some of the more complex ideas and processes.
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Grade _____ Period _____

Student Signature: _____

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Parent/Guardian Phone Number: _____

Parent/Guardian Email: _____



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Math Modeling	Mr. Nguyen	anguyen@aps.k12.co.us
Course Website	Class Meeting Times & Location:	Prerequisites
	Daily Mobile 2B	NA

Course Description

In this course, students develop a mathematical disposition by encouraging recognition of mathematical opportunities in everyday events. The Common Core Standards of Mathematics are supported in this approach to interpret modeling not as a collection of isolated topics but in relation to the content standards. The modules were written with the intention of being a combination of classroom discussions, group, and individual work.

Standards

Mathematical Practices

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Learning Outcomes by Quarter

Quarter 1

TBD

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TBD

Quarter 3

TBD

Quarter 4

TBD

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Probability and Statistics	Mr. Nguyen	anguyen@aps.k12.co.us
Course Website	Class Meeting Times & Location:	Prerequisites
	Daily Mobile 2B	NA

Course Description

In this course, students will learn how to collect data using unbiased methods and they will gain the statistical background necessary for analyzing data. They will conduct surveys and experiments, and use statistical methods to interpret the results of their work. Students will also gain a greater understanding of how data is collected and used in real world contexts, and they will learn how to think critically about how data is presented in the media.

Standards

Mathematical Practices

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