

Mathematical Analysis

Course Overview: The following topics will be taught with a Calculus approach to set the foundations necessary for students to take AP Calculus BC in their Senior year. Next year, more topics will be added as well.

- Functions
- Polynomial Functions
- Rational Functions
- Exponential Functions
- Logarithmic Functions
- Intro to Trigonometry
- Vectors
- Conic Sections

Supplies:

- Binder (1.5 to 2 inch)
- Notebook paper
- Graphing Calculator (TI-84):

Participation

- It is based on the quality of work for ALL problems assigned, daily attendance and class participation.
- Doing homework regularly, well, and efficiently is the **key** to your success.
- Doing homework, the night it is assigned is a must! This reinforces the concepts necessary to move on. Oh, you'll discover it also alleviates stress.
- It is very important to not get behind.
- Do not copy someone else's homework or get the solutions from some online site. You will pay deeply with your test grade.
- Be sure that after getting help, you revisit that problem or concept. Remember, ultimately, you are responsible for demonstrating the mastery on your own in a timed environment. It's OK to work the same problem more than once, twice, thrice, etc.

Your grade

- I know your grade is important to you and the school requires me to give them to you
- My goal is to get you ready to take Calculus
- It is very important you do your own work otherwise you will struggle your Senior year when taking AP Calculus
- Copying or not being honest with your is on you. Are you an honest person?
- You will get out of the class what you put into it and I'm here to help
- **80%** is based on assessments
- **20%** is based on assignments

Technology:

- **Schoology**
- **Weebly:** morinmath.com
- **Deltamath:** Teacher code: 786538 Class: Math Analysis 2024
- **Remind.com Code:** @analysis24
- **Webassign**
- **Khan Academy**

Students are expected to be registered and signed up for both resources to stay up to date on class updates. Please feel free to contact me via email at any time this year! Looking forward to a great year!

Wendy Morin

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