

Course: Math III/Spring 2020
Room: 2305 Annex
Contact Information:

Instructor: Ms. Danielle High
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I. Course Description

Math III capstones the required standard mathematics progression with the study of more complex function families and geometric modeling as an application of concepts learned in previous years from number sense, algebra, functions, and geometry.

Unit	Topic
1	Functions, Absolute Value, & Nonlinear Systems
2	Polynomial Functions
3	Rational Functions
4	Exponential & Logarithmic Functions
5	Modeling with Geometry
6	Trigonometry
7	Circles
8	Parallelograms
9	Statistics

II. Grading Policy

Tests	55%	A	90 – 100	D	60 – 69
Quizzes	25%	B	80 – 89	F	0 – 59
HW/CW	20%	C	70 – 79		

FINAL GRADE = Q1 (40%) + Q2 (40%) + Exam (20%)

A. Assignments

Students will have seven days to complete assignments after the due date is given.

B. Assessments (Quizzes & Tests)

Expect a mixture of both multiple choice, free response, and questions of previously taught concepts.

III. Materials

- Graphing calculator (TI-83+ or TI-84)
- 3 ring binder
- Loose-leaf paper
- Writing utensils

IV. Assistance

A. Tutorial Monday - Friday 9:00 – 9:50, 3:00 – 3:50

- B. **Internet** (these sites may be helpful)
www.youtube.com: recommended channels – Yay Math & Patrick JMT
www.khanacademy.org www.purplemath.com/modules

V. Class Expectations

- A. Identify a suitable workspace to work
- B. Log or dial in 5 minutes before the virtual classroom session begins so that you will not be late. (Always anticipate delays relate to internet or technology beyond your control)
- C. “Expect Respect” Environment. Be respectful to all participants in the virtual classroom. (See below for details)
- D. Always listen actively to the teacher
- E. Actively participate in discussions and ask and answer questions when asked. (In live sessions, “Raise Hand” when you would like to speak)
- F. Complete and submit assignments on time as directed by teacher
- G. Dress appropriately (If you or your appearance are inappropriate or are a distraction to the teacher or others you will be asked to leave)
- H. Ask/Answer questions (If you do not ask then I am to assume you understand)
- I. Be an active member of the virtual community
- J. Minimize background noise by turning off the TV and radio
- K. Stay Focused! Avoid multitasking during class!
- L. Mute your microphones until it is your turn to speak.
- M. Please **REFRAIN** from the following
 - 1. Messaging peers in the chat box during instruction
 - 2. Vulgarity (no cursing, vulgar language, or inappropriate gestures, memes, etc.)
 - 3. Posting negativity, Negative feedback on other’s work and /or comments is considered cyber bullying and will not be tolerated.
 - 4. Unacceptable noises in background- loud music, noisy pets, etc.
 - 5. You are NOT to be on your cell phone during live sessions as it will distract you from learning

VI. Communication

Please allow 48 hours for a response to phone messages or email correspondences.

Responses will be between 8:00 a.m. – 5:00 p.m.