

Math 112 Town Hall

Course Director:
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Yale University

August 10, 2022

Town Hall Goals.

- Describe Math 112 and the course goals.
- Talk about placement preregistration.
- Let you know what to expect in terms of classes, workload, tests and other assessments.
- Point you to resources and give strategies for being successful.
- Answer your questions.

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- Math 120 or Math 121 (for biosciences)

More Math 112 Information.

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Section times.

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- Section 1, TTh 9-10:15am
- Section 2, TTh 11:35-12:50pm
- Section 3, TTh 2:30-3:45pm
- Section 4, MW 9-10:15am
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- [Preference selection](#)
- Math advising: [first year student resources page](#)

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Syllabus information on [Canvas](#): accessed through Course Search

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Habits of mind.

- Interpret mathematical models in terms of real-world applications.
- Gain fluency with mathematical notation and terminology.
- Develop logical reasoning.
- Build strategies and resilience for solving difficult problems.

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Learning Objectives.

- Use limits to define the derivative of a function.
- Develop rules for finding derivatives.
- Apply derivatives in real-world problems (including DEQs).
- Introduce definite integrals and the FTC.

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▶ lograithms:
$$\ln(a \cdot b) = \ln(a) + \ln(b)$$

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Students who have truly mastered the material in AP Calculus AB are prepared to take Math 115 or 116.

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Placement into Math 112 via the math placement test is required before entering preference selection.

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Students who have truly mastered the material in AP Calculus AB are prepared to take Math 115 or 116.

Placement into Math 112 via the math placement test is required before entering preference selection.

If you have questions about your placement, go to a calculus advising session. Do not enter preference selection for multiple calculus courses.

Calculus Advising Sessions

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- Wednesday, August 10, 7:20-9pm
- Thursday, August 11, 9:20-11am
- Thursday, August 11, 3:20-5pm

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Zoom links are on the [First year student resources](#) page of the Math Department's website.

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Your grade is based on your performance, *not* how well your peers do.
We encourage you to form study groups and collaborate on homework.

Resources in Math 112.

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- Office hours.

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- Ximera (videos and practice problems).

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- 3 Create a study group.

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- 2 Use the homework to check your understanding.
- 3 Create a study group.
- 4 Make mistakes and reach out when you need help.