

AP Calc BC: Summer Assignment 2020

The concepts in AP Calculus BC are heavily dependent on your mastery of concepts from AP Calculus AB. Additionally, the AP Calculus BC Exam will test BOTH your knowledge of AB and BC concepts. Therefore, your summer assignment will be to review and practice all AB concepts before we begin class in August.

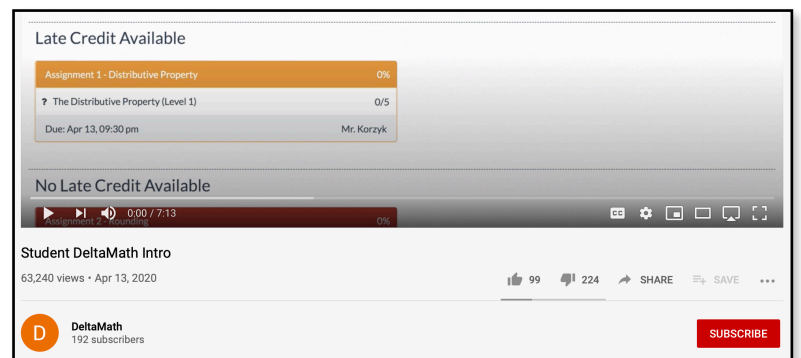
Part A: Create a DeltaMath account.

- 1) Go to the [DeltaMath](#) website.
- 2) Click “**Create Account**” in the top righthand corner.
- 3) Enter in the “Teacher Code” **181339**.
- 4) Under **Section**, select “AP Calc BC (Miss Todd)”.
- 5) Enter in the information below. **Take note of your password.**
- 6) Click [**Create Account**].

The screenshot shows the DeltaMath website interface. At the top right, there is a navigation bar with 'DeltaMath Store', 'Video Overview', and a 'Create Account' button with a dropdown arrow. Below this is a 'Please sign in' section with an 'E-mail' input field. The main content area is titled 'Create Student Account'. It features a 'Teacher Code' field containing '181339'. Below this, the 'Teacher Name' is 'Ms. Todd'. The 'Student and Login Information' section includes a 'Section' dropdown menu with options 'AP Calc AB (Miss Todd)' and 'Calc CP (Mr. Gavin)'. There are also fields for 'First Name', 'Last Name', 'Email', 'Email (verify)', 'Password', and 'Password (verify)'. At the bottom right, there are 'Create Account' and 'Cancel' buttons.

Part B: Watch the intro video.

- ▶ Watch the “DeltaMath Intro” video on YouTube using this [link](#).



For questions about this assignment, please contact Miss Todd (etodd@devonprep.com).

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Part C: Complete all assignments listed on DeltaMath.

- ▶ Log into [DeltaMath](#).
- ▶ There are 4 **assignments** comprised of multiple exercises listed under “Upcoming Assignments”
- ▶ It is recommended that you complete the assignments in the following order:
 - 1) Unit 1: Limits & Continuity
 - 2) Unit 2/3: Differentiation
 - 3) Unit 4/5: Apps of Differentiation
 - 4) Unit 6/7: Integration & Diff Eq
- ▶ Completion of assignments should be spread out over the summer. For example, you could plan to work for an hour one to two times a week.
- ▶ Time to complete all assignments will vary dependent on student from 5 to 20 hours.

Upcoming Assignments	
Unit 1: Limits & Continuity (Review)	0%
? Finding Limits From a Table (All Types)	0/3
? Limits Graphically	0/6
? Limits of Functions	0/4
? Limits to Infinity	0/6
? Horizontal Asymptotes with Analytic Limits	0/3
? Continuity Graphically	0/4
? Continuity w/ Piecewise	0/4
? Intermediate Value Theorem	0/3
Due: Aug 31, 08:00 am	Ms. Todd

All work is due on the first day of school, August 31, 2020.

This summer assignment will be considered your first assignment for AP Calculus BC. Late submissions will be penalized. You will be graded using the following rubric:

Assignment Name	Description	Point Value
1: Limits & Continuity	To calculate points earned for each assignment, the percentage complete, listed to the right of the heading for each assignment on DeltaMath, will be multiplied by 20. Points earned for each of the 4 assignments will be totaled to calculate a final grade out of 100 points.	/25
2/3: Differentiation		/25
4/5: Apps of Differentiation		/25
6/7: Integration & Diff Eq		/25
TOTAL		/100

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