



# AP Calculus BC

## Week of 04/14 – 04/18

### Due Dates

4/16 – Section 10.3

4/17 – Section 10.4 Part 1

4/18 – Polar Functions

Circuit

4/21 – Section 10.4 Part 2

4/22 – Section 10.5

### Upcoming Assessments

4/24-4/25 – Unit 10 Test

Friday: Unit 10.3 – Polar Area

LT: I can find the area of polar functions.

In class:

- Bell Ringer – Multiple Choice Monday
- Classwork: pg. 245 #1-21 odd
- Exit Ticket

HW: Watch the 10.4 video through polar arc length and take notes.

Tuesday: Unit 10.4 – Polar Arc Length

LT: I can find the arc length of polar functions.

In class:

- Bell Ringer
- Classwork: pg. 1-4, 15-18
- Classwork: Start circuit

Homework: none

Wednesday: Polar Function Review

LT: I can review concepts over polar functions.

In class:

- Bell Ringer
- Classwork: Polar Functions Circuit
- Exit Ticket

HW: Watch the rest of the 10.4 video and take notes

Thursday: Unit 10.4 - Vectors

LT: I can find the direction angle and magnitude of a vector.

In class:

- Bell Ringer
- Questions from the 10.4 video
- Classwork: pg. 247-248 #5-14, 19-21
- Exit Ticket

HW: Watch the 10.5 video and take notes

	Friday: Unit 10.5 – Calculus of Vectors	LT: I can perform calculus operations on vectors.  In class: <ul style="list-style-type: none"> <li>• Bell Ringer – FRQ Friday</li> <li>• Classwork: Start pg. 250 #1-5</li> <li>• Exit Ticket</li> </ul> HW: none
--	---	--

“Without mathematics, there’s nothing you can do. Everything around you is mathematics. Everything around you is numbers.” – Shakuntala Devi