**AP Calculus BC Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Unit 4: Parametrics, Polars, & Vectors**

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| --- | --- | --- | --- | --- |
| **Day** | **Date** | **Topic** | **Homework** | **Grade** |
| 1 | Mon3/11 | 4.1 Arc Lengths & Parametrics Review |  |  |
| 2 | Tues3/12 | 4.2 Calculus on Parametrics |  |  |
| 3 | Wed3/13 | 4.3 Parametric FRQ’s  |  |  |
| 4 | Thurs3/14 | 4.4 Polar Graphs**Quiz # 5 4.1-4.3** |  |  |
| 5 | Fri3/15 | Review for Midterm |  |  |
| 6 | Mon3/18 | Review for Midterm. Go Over Midterm Review |  |  |
| 7 | Tues3/19 | **Midterm Exam** |  |  |
| 8 | Wed3/20 | 4.5 Polar Slope |  |  |
| 9 | Thurs3/21 | 4.6 Derivatives and Equations in Polar Coordinates |  |  |
| 10 | Fri.3/22 | 4.7 Polar Area & Arc Length |  |  |
| 11 | Mon.3/25 | 4.8 Polar FRQs**Quiz #6 4.4 – 4.7** |  |  |
| 12 | Tues.3/26 | 4.9 Review |  |  |
| 13 | Wed.3/27 | **\*\*\*\*Problem Set #4 Due!!!\*\*\*\***4.10 Review |  |  |
| 14 | Thurs3/28 | **Unit 4 Test** |  |  |

 Unit Average\_\_\_\_\_\_