# **AP Calculus AB District Math Assessments**

#### Unit 1: Limits

| Standards |      | Assessment        | Semester                 |
|-----------|------|-------------------|--------------------------|
|           | DMA1 | Estimate Limits   |                          |
|           | DMA2 | Determine Limits  | 1st Compactor            |
|           | DMA3 | Continuity Limits | 1 <sup>st</sup> Semester |
|           | DMA4 | Definition Limits |                          |

#### **Unit 2: Derivatives**

| Standards |      | Assessment                       | Semester                 |
|-----------|------|----------------------------------|--------------------------|
|           | DMA5 | Calculate & Estimate Derivatives | 1 <sup>st</sup> Semester |
|           | DMA6 | Chain Rule                       | 1 Semester               |

**Unit 3: Derivative Applications** 

| Standards |      | Assessment                        | Semester                 |
|-----------|------|-----------------------------------|--------------------------|
|           | DMA7 | Analyze Properties of Derivatives | 1 <sup>st</sup> Semester |
|           | DMA8 | Representations of Derivatives    | 1 Semester               |

### Unit 4: Integrals

| Standards |      | Assessment | Semester                 |
|-----------|------|------------|--------------------------|
|           | DMA9 | Integrals  | 2 <sup>nd</sup> Semester |

## **Unit 5: Integral Applications**

| Standards | Assessment                  | Semester                 |
|-----------|-----------------------------|--------------------------|
|           | DMA10 Integral Applications | 2 <sup>nd</sup> Semester |

## **AP Calculus BC District Math Assessments**

#### Unit 1: Limits

| Standards |      | Assessment        | Semester                 |
|-----------|------|-------------------|--------------------------|
|           | DMA1 | Estimate Limits   |                          |
|           | DMA2 | Determine Limits  | 1 <sup>st</sup> Semester |
|           | DMA3 | Continuity Limits | 1 Semester               |
|           | DMA4 | Definition Limits |                          |

#### **Unit 2: Derivatives**

| Standards |      | Assessment                       | Semester                 |
|-----------|------|----------------------------------|--------------------------|
|           | DMA5 | Calculate & Estimate Derivatives | 1 <sup>st</sup> Semester |
|           | DMA6 | Chain Rule                       | 1 Semester               |

**Unit 3: Derivative Applications** 

| Standards |      | Assessment                        | Semester                 |
|-----------|------|-----------------------------------|--------------------------|
|           | DMA7 | Analyze Properties of Derivatives | 1 <sup>st</sup> Semester |
|           | DMA8 | Representations of Derivatives    | 1" Semester              |

### Unit 4: Integrals

| Standards |      | Assessment | Semester                 |
|-----------|------|------------|--------------------------|
|           | DMA9 | Integrals  | 1 <sup>st</sup> Semester |

## **Unit 5: Integral Applications**

| Standards | Assessment                  | Semester                 |
|-----------|-----------------------------|--------------------------|
|           | DMA10 Integral Applications | 2 <sup>nd</sup> Semester |

#### Unit 6: Series

| Standards | Assessment   | Semester                 |
|-----------|--------------|--------------------------|
|           | DMA11 Series | 2 <sup>nd</sup> Semester |

#### **Unit 7: Polar, Parametric and Vectors**

| Standards | Assessment                         | Semester                 |  |
|-----------|------------------------------------|--------------------------|--|
|           | DMA12 Polar, Parametric and Vector | 2 <sup>nd</sup> Semester |  |