

After AP Exam – BC Study Guide Outline (Modified for Online)

PERIOD 1

Section	Course Standards	Student 1	Student 2	Student 3
5.1 and 5.4 – Euler's Method and Logistic Differential Equation	7.5 and 7.9			
6.4 – Arc Length and Surfaces of Revolution	8.13			
7.2 – Integration by Parts	6.11			
7.5 – Partial Fractions	6.12			
7.8 – Improper Integrals	6.13			

PERIOD 6

Section	Course Standards	Student 1	Student 2	Student 3	Student 4	Student 5	Student 6
5.1 and 5.4 – Euler's Method and Logistic Differential Equation	7.5 and 7.9						XXXXXXXX
6.4 – Arc Length	8.13						XXXXXXXX
7.2 – Integration by Parts	6.11						
7.5 – Partial Fractions	6.12						XXXXXXXX
7.7 – Indeterminate Forms and L'Hôpital's Rule	4.7						XXXXXXXX
7.8 – Improper Integrals	6.13						

Tasks:

- Learn the chosen BC topics – use other resources for an in-depth understanding
- Create a presentation to teach the BC topics and use as a study guide for later
 - PowerPoint or Google Slides is recommended, but not required
 - Pictures and/or videos may be included
 - Do NOT use video(s) to teach the lesson itself – indicate times the video should be played with your own notes, reflected on, and/or utilized as another example
 - The textbook is NOT required to be used. You may use another resource all together or multiple resources – if the topics are aligned to the BC curriculum (see online Course and Exam Description – Curriculum Framework for more information)
- The presentation MUST include the following:
 - Theorems and/or definitions, where applicable
 - Multiple examples – these may come from the textbook lesson, exercises, or outside sources, such as FRQ's or multiple-choice questions
 - Solutions to the examples contained in the presentation

See next page for grading rubric

Category	5	4	3	2	1
Correct Information	100% of information was correct	90% of information was correct	80% of information was correct	70% of information was correct	<70% of information was correct
Concrete Examples	Students provided examples of each type and provided notes to help others understand them	Students provided many helpful examples and provided notes to help others understand them	Students provided helpful examples	Students provided examples, but they were not presented correctly	Students did not provide examples
PowerPoint/Google Slides	Presentation reviews all information from the topics, has no spelling, grammar, or mathematical mistakes, and is organized in an understandable way	Presentation reviews all information from the topics, has some spelling, grammar, or mathematical mistakes, and is organized in an understandable way	Presentation reviews most information from the topics, has some spelling, grammar, or mathematical mistakes, and is not well organized	Presentation reviews most information from the topics, has multiple spelling, grammar, or mathematical mistakes, and is not well organized	Presentation is missing some relevant information from the topics, has multiple spelling, grammar, or mathematical mistakes, and is unorganized
Practice Problems	Students put a lot of thought into the level of difficulty of practice problems and created enough and included the correct answers and process	Students put a lot of thought into practice problems and created enough and included an answer key	Student created enough practice problems and provided an answer key	Students did not create enough practice problems or did not provide an answer key	Students did not provide practice problems, or they were incorrect
Understanding of Concepts	Students understood material and put everything in their own words and really knew what they were talking about	Students understood material and put everything in their own words and really knew what they were talking about and were able to clearly explain 90% of the material	Students understood material and put everything in their own words and really knew what they were talking about and were able to explain clearly 80% of the material	Students understood material and put everything in their own words and really knew what they were talking about, but not able to explain clearly	It was clear that students did not understand material. Looks like students copy and pasted
Working with Others* *Group (Peer) score – will be based off student peer evaluation sheet	(1) Did fair share of work, (2) available for communication, (3) cooperative/agreed upon task, (4) positive, helpful, (5) contributed to ideas/planning, (6) contributed to overall project success	5 characteristics were met	4 characteristics were met	3 characteristics were met	Fewer than 3 characteristics were met