



Course Syllabus

Franklin High School		2020-2021
DIRECTIONS: For each course, complete the syllabus and share with your evaluating/supervising administrator as a pdf ("File-download-PDF document"). Syllabi will be posted on the FHS website under your name for the public to view.		
Course Overview		
Course Title: AP Support - Calculus AB		
Instructor Name: Deb Wasserman	Contact Info: dwasserm@pps.net	
Grade Level(s): 9-12		
Credit Type: Elective	# of credits per semester: 1	
Prerequisites (if applicable): N/A		
General Course Description: The AP Calculus Support course will aim to prepare students for the AP Calculus AB Exam in May. The course will review material covered on the AP exam, and begin test prep through the use of AP exams from previous years.		
Prioritized National/State Standards:		
Course covers all required content and standards for AP Calculus as specified by Collegeboard.		
1. Limits and Continuity. Rates and change and limits, limits involving infinity, continuity, tangent lines.		
2. Derivatives and Their Applications. Definition of derivative, rules for differentiation, derivatives of trigonometric functions, tangent line and rates of change applications.		
3. Definite Integrals and Their Applications. Definition of integrals, methods of integration, slope fields, integrals of net change, area in the plane, rotational volume.		
4. Differential Equations and Modeling. Slope fields, first-order separate differential equations.		
Course Details		
<i>Learning Expectations</i>		
Materials/Texts:		
Textbook: Calculus for the AP Course, 2nd edition (Sullivan and Miranda). This course will cover Chapters 1-6. Students are strongly encouraged to purchase an AP practice book for their own use. (Barrons, Princeton Review).		
AP Multiple Choice packet: Students will be provided with paper copies of prior exams for use during the course. Students are not permitted to write on these tests, and must be returned at the end of the course.		



<p>Course Content and Schedule:</p> <p>2/1/2021 - 3/19/2021: Review key concepts on AP exam. Practice AP Multiple Choice sections. 3/29/2021 - 4/30/2021: Practice AP Free Response questions. 5/3/2021 - end of year: Activities TBD.</p>
<p>Differentiation/accessibility strategies and supports (TAG, ELL, SpEd, other): Students with accommodations and/or modifications will receive assignments in accordance with their IEP or 504.</p>
<p>Safety issues and requirements (if applicable): N/A</p>
<p>Classroom norms and expectations: Synchronous (live) class meetings will take place on Zoom. When logging into zoom, make sure you log in with google and use your PPS login info. All class sections, individual appointments, and tutorials will use the same link to enter. All links can also be found on the course home page. Expected course etiquette can be found in the link and resources page of canvas</p>
<p><i>Evidence of Course Completion</i></p>
<p>Assessment of Progress and Achievement: Students will complete weekly unit review assignments and weekly self assessments of areas of improvement based on practice AP Exam performance.</p>
<p>Progress Reports/Report Cards (what a grade means): Students will be graded pass / no pass based on completion of review tasks given on a weekly basis.</p>
<p>Career Related Learning Experience (CRLEs) and Essential Skills: N/A</p>
<p>Communication with Parent/Guardian</p>
<p>What methods are used to communicate curriculum, successes, concerns, etc.? Primary communication method is email to student PPS email, or parent email listed in Synergy. Non-urgent announcements are posted on the Canvas course home page</p>
<p>Personal Statement and other needed info</p>