



## Calculus BC– Academic & Discipline Plan

**PROUD** to be Crimson Bears; preparing lifelong learners in a challenging and inclusive environment. Personalized, Resilient, Optimistic, Unified, Diverse.

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<b>Office Hours</b>	6th period by appointment ; Enrichments	<b>Phone</b>	523-1560

**Note: This course meets zero hour M-F. The last day of class is May 6, 2022, the day before the AP test .**

### Course Description:

This course follows a syllabus approved by the College Board that includes study of limits, derivatives and integrals as required for the AP Calculus BC exam. Please see the following link for a detailed list of topics of study

<http://media.collegeboard.com/digitalServices/pdf/ap/ap-calculus-course-description.pdf>

Additional calculus topics are addressed as time permits.

Please note: Enrollment in a yearlong class is a commitment for the entire school year. Requests for changes must include a conference with the parent, student, and teacher.

### Text(s):

Single Variable Calculus Early Transcendentals with Vector Functions 7E. AP Edition.  
Brooks Cole/Cengage Learning, copyright 2012.

Please note: This textbook is issued through the JDHS Library's textbook management system. If a textbook is checked out through the JDHS Library, it must be returned in the same condition at the end of the course or unit of study. Failure to return a book or damage to a book may result in a monetary fine based on the value (\$229) of the textbook and restricted access to PowerSchool.

### Materials to Bring to Class:

Pencil, Paper, Graphing Calculator, and your desire to learn.

**Learning Management System:** The Juneau School District has shifted to the use of Canvas as a system-wide learning management system. Each student will need to secure a canvas account. This learning management system is designed to support students and families with a simpler and more connected learning experience. It will be one-stop shopping for all of our course assignments, announcements and other relevant information.

You will also need access to your AP account through [collegeboard.org](http://collegeboard.org).

### **Proper Heading for Papers:**

Your Name  
Page number  
Date

### **Course Syllabus:**

A detailed list of topics can be found at the link in the course description above. Topics will be addressed in a sequence similar to that in the course description. The two to four weeks prior to the May 4<sup>th</sup> exam will be spent reviewing for the exam. The review will hopefully feature a day of “Calculus Camp” at UAS as well as multiple Saturday morning practice exams.

### **Goals/Objectives:**

Course goals can be found here:

<http://media.collegeboard.com/digitalServices/pdf/ap/ap-course-overviews/ap-calculus-bc-course-overview.pdf>

### **Curriculum / Standards:**

This course will be taught to district standards and district curriculum. The Juneau School District curricular information may be reviewed using the Juneau School District website under the *District – Teaching and Learning Support – Curriculum* at <http://www.juneauschools.org>. The NEW Alaska State Standards can be found on the Alaska Department of Education and Early Development website: <http://www.eed.state.ak.us/standards/>.

### **Grading:**

Grading will follow the policy adopted by the Juneau School District Board of Education (Board Policy # 6146.7R). As per board policy, semester grades represent the cumulative progress of students.

A = 90% - 100%  
B = 80% - 89%  
C = 70% - 79%  
D = 60% - 69%  
F = 0% - 60%  
“INC” = Incomplete

The following weights shall be used to earn a grade:

Tests: 90%

Homework/Assignments/Presentations: 10%

Extra Credit: Periodic Bonus questions are available

Testing Note: Some tests will be “non-calculator.” Use of a calculator on these tests will invalidate your test score. NO tests will allow use of your phone or algebra generating apps (i.e. Photomath, Mathway, Wolfram Alpha, Symbolab etc). Use of these apps in testing is considered academic dishonesty.

During virtual schooling students should expect approximately two hours of work outside of a class period per week. There may be exceptions to this for honors, Advanced Placement or other courses that merit extended time by administrative approval. In an effort to promote balance for students and their families Juneau-Douglas High School: Yadaa.at Kalé will not have homework deadlines on weekends, and you should expect light homework at most during weekend times.

PowerSchool is our system used to display grades and work progress. We are committed to updating student records weekly at a minimum, recognizing the importance of a live-time feedback system for parents and students. Please ensure that you AND your student have access information to use this system in partnership with us.

### **Late/Make-up Work Policy and Procedures:**

#### **Make-up work from excused absence:**

- You are responsible for finding out what you missed when you are absent. Make sure you have the phone number of a friend or classmate; or call the school to request work.
- Assignments must be made up within one week of your return date
- If you make up a quiz or test on the day of your return, you may use class time. Otherwise, you will need to make an appointment before school, during lunch, or after school.
- **Tests and quizzes must be made up within one week of your return. If they are not, the best you can score is 75%.**

#### **Unexcused absence make-up:**

- Policy will follow the district policy regarding such absences.

#### **Correcting and Retesting Policy:**

- You may earn back half the points you missed (score not to exceed 90%) on some quizzes by:
  - (1) describing in complete sentences why you missed the problem or describing in complete sentences why your new solution is correct.
  - (2) working the problem correctly and showing all required work This work must be done within one week of the original quiz date.

- You may not earn back points on open-note quizzes.
- You may retake any test on which you score less than 80%. The test must be retaken within a week of the original test date. The maximum grade you may earn on a retaken test is 90%. Before retaking a test, you must correctly work all the problems on the original test. You must schedule an appointment outside of normal class time to retake a test. You may not earn points by correcting mistakes on retakes. You may retake no more than two tests per quarter.

### **Resources/Extra Help:**

There are a variety of free websites available that provide reliable helpful insights into the material. Purple Math, Khan Academy and Paul's Online Notes are a few of my favorites.

I will make every effort to respond to e-mail (preferred) or phone messages within one school day. I will do my best to make students aware of my daily schedule and to provide extra assistance when needed (see office hours above). Students and parents are encouraged to make appointments ahead of time. Depending on staffing, students may also receive extra help through the **JDHS Learning Center** located in the school library.

### **Behavioral Expectations:**

Students are expected to appear on time for class.

Students are expected to fully participate, individually, with a partner, or in a small group as appropriate for the given activity.

Students should contribute to the learning environment and NOT detract from it.

Please note: Students are expected to adhere to JDHS policies, as outlined in the Student Handbook, at all times. Classroom policies may include more specific requirements, but they cannot be relaxed beyond the minimums as set forth in the Student Handbook.

### **Consequences of Misbehavior:**

1. Verbal warning
2. Proximity/seat change, time-out
3. Detention and/or conference with student
4. Conference with student outside of class time and/or call to parent/guardian
5. Refer to administrator

Please note: Any action that endangers others, seriously interferes with the learning process, or is significantly disrespectful to staff or students may result in immediate removal from the classroom and/or direct referral to an administrator, thus by-passing above consequences.

### **ACADEMIC DISHONESTY— (From the JDHS Student Handbook):**

Academic dishonesty or “cheating” does not allow for any type of true analysis and is not tolerated. Cheating includes, but is not limited to

1. Procuring, possessing, using, or distributing tests, quizzes, answer keys, teacher manuals, teacher textbooks and similar materials;
2. Any attempt to tamper with or alter a teacher's record or grades;
3. Representing the work of others as one's own work, whether the materials are plagiarized from another student, a published work or some other source, such as an Internet site.
4. Making use of notes or other memory aids during testing, except for those notes a teacher specifically authorizes for student use during a particular test or quiz, and;
5. Obtaining or offering unauthorized information regarding tests or assignments.

The ***academic penalty*** for all parties involved in cheating is a zero or failing grade for any copied or plagiarized assignment, exam, or quiz. Students will not be allowed to make-up the work. Also, the ***disciplinary penalty*** for cheating may include an office referral for disciplinary action. Possession and/or unauthorized distribution of testing materials or altering a teacher's records call for severe disciplinary consequences. **Repeat offenses could result in loss of credit for an entire course.**

**Electronic Devices: (specific to in-person schooling):**

Cell phones, iPods, CD players, and other electronic devices are to be turned off and out of sight during class unless the teacher has given specific permission for their use. If an item is confiscated for violation of class rules, it may be retrieved from the teacher on the first offense. For subsequent offenses, the item will be turned over to an administrator for retrieval.

The school district uses Bark for Schools, a third-party service that monitors Juneau School District Google Suite accounts for online safety compliance. This system is used to detect cyber-bullying, threats of violence, predatory advances, sexual content and suicidal ideation. There is an option for parents to create a parent/family account so that you are notified of concerning content in concert with the school administrator.

**PLEASE NOTE THAT EACH ACADEMIC/DISCIPLINE PLAN REQUIRES A SIGNATURE TO BE RETURNED TO EACH TEACHER. SIGNATURES ARE BEING COLLECTED WITH A GOOGLE FORM. A PAPER SIGNATURE FORM CAN BE PROVIDED UPON REQUEST.**

**AP Calculus BC Parent Signature Form [HERE](#)**

**AP Calculus BC Student Signature Form [HERE](#)**

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