

Southside High School

Syllabus for BC Calculus

Grade Level(s): 11-12

Instructor: Mr. Ken Nolen

Unit Credit: 1

Fee: none

Teacher's Daily Schedule

- | | |
|-------------------|---------------|
| 1 Planning | 5 BC Calculus |
| 2 AB Calculus | 6 Math Tech 2 |
| 3 IB Math Methods | 7 Planning |
| 4 IB Higher Level | |

Course Description: BC Calculus covers the topics taught in the first two semesters of Calculus in college.

Course Content Standards / Objectives: Students will master the following topics: limits, derivatives, integrals, differential equations, infinite series, and parametric and polar equations.

Units of Instruction Aligned with Standards: Presented in Sequence and Time Line:
See attached page.

Instructional Materials and Resources / Required Texts: Calculus With Analytic Geometry, and past copies of the AP BC Calculus Exams.

Major Assessment/Calculation of Grades: Evaluation of Student Progress: 20% of the grade comes from tests, 70% from quizzes, and 10% from assigned homework.

Student Records: Student records (attendance, tardies and grades are kept in my grade book. All quizzes, tests and portfolios are kept in my room. Parents are welcome to make an appointment to see their child's work.

Homework Policy: Every homework assignment will be checked for completion. Points are deducted for failure to complete each assignment unless a note from a parent gives a valid reason for his failure to complete it.

Missed Work Policy/Make-up Policy: A student has 3 days to make up work missed due to an excused absence. The student needs to make arrangements with me as soon as possible after returning to school.

Attendance and Tardy Policy: A student is allowed to miss only 10 days from this class. All absences above 10 must have a medical excuse of administratively approved. The third time that a student is tardy to class per semester will result in ISS. Each additional tardy results in suspension.

Rules for Student Behavior: Southside has 5 basic student rules which are posted in my classroom. They are also in the student handbook. I also insist that we treat each other with respect.

Consequences for Violating Class and School Rules/Policies: For minor violations a verbal warning is given. If problems persist, a call home will be made. Severe interruptions will result in a referral being issued.

Procedures for Non-Instructional Routines: Attendance will be taken at the beginning of each period from my seating chart. Passes will only be issued during class work time except in extreme emergency. Homework will be checked daily for completion. Quizzes and tests will turned in as they are completed.

Presentation of Rules and Procedures: Rules, procedures and consequences are discussed with the students during the first week of school.

Communication with Parents: Every student will receive a progress report at the midpoint of each grading period. Parents will be called after the third occurrence of not doing homework each grading period. Parents will be called for any offense for which the student is issued a referral.