

# IB MATH STUDIES

## POLICIES AND PROCEDURES

### INSTRUCTOR

Instructor Joan H Smith  
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### COURSE DESCRIPTION

The course covers the algebra of functions, systems of equations and inequalities, quadratic inequalities, sequences and series, sets and logic, 3-D geometry and trigonometry, financial math, further statistics and probability, and introduction to differential calculus.

### OVERALL STUDENT OUTCOME

Upon completion of this course the student will have an understanding of the topics designated by the International Baccalaureate program.

### TEXTBOOKS AND OTHER MATERIALS

*Mathematics for the International Student*, Haese & Harris (replacement cost \$78.00)

*IB Project Rubric Packet*

*IB Formula Packet*

Graphing Calculator required (**TI-83, TI-83 plus or TI-84**)

School supplies: textbook 3-ring binder, paper, pencil pen, calculator

### METHOD OF EVALUATION – ASSIGNMENT OF GRADES

Tests will comprise 70% of each quarter's grade.

Homework/ classwork will count 15% and quizzes (not necessarily announced!!!) will count 15%

Full credit will be given for homework if all pertinent information is written, appropriate graphs or diagrams are included and a valiant attempt is indicated. Some assignments will be graded for accuracy.

ALL work should be submitted on time. In rare instances, late work will be accepted for partial credit.

If you are absent, it is YOUR responsibility to turn in any missed work.

Progress Reports will be given to all students according to the school schedule.

Homework will be collected at varying times (daily, bi-weekly, weekly, etc.)

Homework must have the following heading in the upper right hand corner

Name  
Date Assigned  
Page/Problem

IB students will take a first semester comprehensive exam.

Any Extra Credit will be offered to the entire class and NOT on an individual basis.

1<sup>st</sup> Semester Grade: 1<sup>st</sup> Quarter 3/7      2<sup>nd</sup> Quarter 3/7      Exam 1/7  
2<sup>nd</sup> Semester Grade: 3<sup>rd</sup> Quarter 1/2      4<sup>th</sup> Quarter 1/2

## **RESEARCH COMPONENT**

A mathematics project will be required in which each student prepares a paper as the result of an in-depth study of a certain area of mathematics. Each grade for a submitted portion of the project will be recorded as a grade. You will be notified whether the grade will apply to the homework/classwork or test category.

## **MAKE-UP WORK POLICY**

You have 5 days after an excused absence in order to make-up the work.

Unexcused absences will result in a zero for missed assignments, tests, etc.

If you are absent only the class day before the test, you will take the test on the assigned day.

Any long term assignment will be due on the expected day. If you are absent, it will be due the day you return.

## **GENERAL CALSSROOM AND CONDUCT POLICIES**

Follow the policies as established by Choctawhatchee High School.

Be respectful and attentive.

Read the Code of conduct.

You are expected to be punctual. (Refer to handbook for tardy policy).

You may drink water in class if the plastic water bottle has a re-closable cap. (Any spill must be cleaned to the satisfaction of the instructor.)

Food and/or gum is NOT allowed.

Cooperation is one of the keys to success.

Sharing of calculators in class is not permitted.

## **GRADING SCALE**

A	90 – 100
B	80 – 89
C	70 – 79
D	60 – 69
F	Below 60

Tests will be graded and posted within one week.

## **ATTENDANCE POLICY**

All high school and Okaloosa County attendance policy statements are in effect.

## **COMMENTS**

Due to the challenging material and higher standards of the International Baccalaureate program, it is imperative the student maintain a high level of self-discipline, read and prepare for the lessons, take excellent notes, maintain an organized notebook, and **constantly review** previous material.

*INCOMPLETE SUPPLIES = INABILITY TO WORK = ZERO*

I LOOK FORWARD TO A MATHEMATICALLY REWARDING YEAR AND A CLASS OF 7's!!!

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Student signature

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Parent signature