**2015 – 2016 IB Math Pre-HL Syllabus**

**Instructor: Mrs. Petroski (formerly Ms. Honsowetz)**

**Room: 3118 (AM) -or- 3111 (PM) Office: 2205**

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**Website: http://honsowetzpetroski.weebly.com/**

Welcome to IB Math Pre-HL! This will be a fun, fast-paced, and challenging year 1 of 3 in IB math HL. In this first year we explore topics to help deepen your understanding of mathematics with a focus on helping prepare you for IB Math HL1, the math IA (in year 3), and the IB Math HL exam (in year 3). In addition to exploring mathematical concepts that are critical precursors to studying Calculus (next year in HL1) I will help you study mathematics in a communicative, critical and creative fashion. ☺

**MATERIALS NEEDED**

* Graphing calculator (TI-Nspire non-CAS)
* Scientific calculator (you MUST have both types of Calculators)
* Graph Paper & Graph Paper Notebook (or organized 3 ring binder system)
* Textbook: *Mathematics for the International Student, Mathematics HL* 3rd Ed. (Martin, et. al.)

**STUDENT EVALUATION**

IB Grading Scale:

92 – 100% A 72 – 75% C+

88 – 91% A- 68 – 71% C

84 – 87% B+ 64 – 67% C-

80 – 83% B 60 – 63% D+

76 – 79% B- 52 – 59% D

Below 52% F

**There will be no rounding of grades (a 87.99999 = B+)**

Grades will be frequently updated on family access.

Therefore, your report card grades should not be surprising.

You are responsible for checking that the scores are accurate.

**HOMEWORK (part of the assignments category)**

-Homework assignments are due the day after they are assigned unless otherwise specified.

-It is my expectation that you do not simply complete homework assignments, but that you ensure you have a conceptual

understanding of each homework problem type.

-It is my recommendation that you ensure all your homework questions are answered by the next class. (do not wait for

the next quiz or test!)

**CLASSWORK/PARTICIPATION (part of the assignments category)**

-You are expected to behave in a manner that will allow you and others to learn mathematics and how to communication

mathematics.

-Sometimes class work will be credited as an assignment grade.

-I will treat you with respect. Please be respectful of other students and the contributions that they bring to our class.

-Some ways that you will show respect are by: being ready at the beginning of class, keeping language appropriate,

refraining from eating during class, putting electronic devices away, helping those who seek your assistance, assuming

good intentions of your teacher and classmates, and being timely.

**TESTS & QUIZZES**

-There will be a test at the end of each chapter (announced well in advance).

-There will be at least one quiz per chapter.

-At the end of the semester there will be a cumulative final exam.

-If you miss an assessment due to an excused absence, you will be expected to take it the next school day.

**ABSENCES/TARDIES**

-You need to be in class, and for the entire class period, to learn most effectively.

-If you are absent from class for any reason, it is your responsibility to catch up to the class. You should study the

material you missed before you return to class by utilizing the course calendar on my website and other resources such as

your textbook or provided notes.

**-**If you have an excused absence on the day of a test or quiz, you will be expected to make it up on the day you return. If

your absence is unexcused, you will not be given credit for any work collected nor will you be allowed to make-up any

assessments given that day.

-If you are absent the day before a test or quiz, you will still be expected to take it on the assigned day.

-Multiple tardies will affect your grade in this course, 4 tardies will result in disciplinary action.

-Being absent or tardy for any reason can adversely affect your understanding as there is learning that occurs during

classroom activities and group discussions that is not replicated through individual studying.

**ADDITIONAL HELP**

If you are having difficulty understanding the material presented, it is your responsibility to get extra help. I am **always happy to help you**, but you must let me know when you want to come in so I can make sure I’m available. Here are some ideas if you would like extra help:

* **For most questions/concerns I am available before and after school**

I will be in: my office, room 2205 or

classroom 3118 (AM) or

classroom 3111 (PM)

* For longer questions please make an appointment to ensure adequate time.
* Know that you have peers who may be able to help you; sometimes it is easier to learn from another student than it is from a teacher.
* Be sure to take advantage of my website, posted notes from class, and online math sites such as Kahn Academy

Please **seek help early** rather than waiting until you are completely frustrated or confused!

**HONESTY**

-Absolutely no credit will be given for any work that is not entirely your own.

-You are welcome to collaborate with other students on assignments, but collaboration means discussing problems and

coaching one another, not copying. Copying another student’s work step by step is NOT collaboration.

-Cheating will NOT be tolerated. Some examples of cheating are: copying another student’s answers or work (even if

they have given permission), using notes on a test or quiz, talking without permission on a test or quiz, looking at

another student’s paper, and discussing assessment questions with students from another class period.

-If I believe you have been cheating you will receive a zero for the assignment or test or quiz.

-Please reference the student handbook for more information on Skyline’s academic honesty policies.

**CELL PHONES/ELECTRONIC DEVICES**

I expect that you will follow the district’s technology agreement. If your electronic device disrupts the learning environment for any reason, it will be confiscated.

**WEBSITE**

I maintain a website where I communicate important information including a class calendar, notes and links to handouts. I highly recommend adding my site to your list of bookmarks!

[**http://honsowetzpetroski.weebly.com/**](http://honsowetzpetroski.weebly.com/)

**QUESTIONS?**

Please feel free to contact me anytime when you have any questions or concerns or if you want to arrange a meeting. I look forward to working with you this year!

**Please print and return this page signed by Friday, September 4th 2015**

(This is an assignment and must be turned in on time for full credit!)

**Student:**

I have read and understand the course expectations for IB Math Pre-HL.

I have written down any questions that I have about these expectations at the bottom of this page.

I know how to access needed resources (like Mrs. Honsowetz-Petroski’s website.)

I agree that these expectations are fair and that I will do my best to be a productive and active member of this class.

Student: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_

Print Name

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Signature

**Parents:**

*Thank you for taking the time to read this syllabus. Please do not hesitate to contact me with any questions or concerns. The best way to guarantee your child’s success is by working together. I look forward to working with you and your child!*

I have read and understand the course expectations for my child’s IB Math Pre-HL class.

Parent(s)/

Guardian(s): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_

Print Name

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Signature

Questions: