**2017 – 2018 IB Pre HL Syllabus**

**Instructor:** Mrs. Sedlacek

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**Welcome to IB Pre HL!** I look forward to another great year here at Skyline. This syllabus is designed to highlight some of the policies and expectations for the upcoming year. Please take the time to read through this and sign the last page. If you have any questions or concerns regarding what you read please let me know. Thanks and welcome to a new year!

**Course Overview:** This course integrates the following topics: Quadratic, Functions, Sequences and Series, Exponentials, Logarithms, Transformations of functions, Polynomials, Probabilities and Stats, Binomial Expansion, Induction, Trigonometry, and Conic sections. In addition, the course will include IB HL Exam practice questions integrated throughout all the units.

**Materials:**

* Graphing Calculator. If you haven’t purchased one a TI-Nspire non-CAS version is recommended.
* Scientific Calculator
* Pencils and erasers.
* The text book will be available for check-out and you will be able to download the textbook your own device during class. The textbook is: Haese & Harris Mathematics for the international student HL (Core) 3rd edition.
* Composition book made out of graphing paper. You will need this for warm-ups, notes and homework. The student store has them for sale.

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| **Grading Criteria:**  55% Tests/Projects  20% Quizzes  10% Assignments  15% Final Exam | **Grading Scale:**  100-92% A  91.9-88% A-  87.9-84% B+  83.9-80% B  79.9-76% B-  75.9-72% C+ | 71.9-68% C  67.9-64% C-  63.9-60% D+  59.9-52% D  Below 52% F |

*\*\* Per Math Department policy, there will be no rounding of grades (89.99999 = B+)\*\**

**Assignments:**

* Assignments include classwork, homework, exit slips and participation.
* Expect homework every day. Homework will be graded on completeness and homework checks. In order to receive full credit for homework, you must show all your work, check the answers and complete at least 70% of the assigned problems.
* The completeness of assignments on a daily basis is essential for learning and also demonstrates the effort you are making in the course.

*\*\*Late assignments are accepted for partial credit, but only if they are completed prior to the chapter’s test.\*\**

**Assessments:**

* There will be a test at the end of each chapter, which is announced well in advance.
  + Tests make up a major portion of your grade. This is where all the practice, hard work and extra help pay off! After all my years of studying, I can say that studying a little every day is the best way. Do not wait until the night before the test. The tests will be made up of straight concept problems and some application problems based on the past IB exam questions
* There will be at least one quiz per chapter.
  + Quizzes allow both you and me to see how well you understand the new concepts and in what areas you need to practice more. The best way to prepare for quizzes is to keep up with your daily learning and assignments.
* 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 the missed test on the day you return. Please ensure that you are prepared.\*\**

**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 or a cell phone on a test or quiz, talking without permission on a test or quiz, and looking at another student’s paper.
* If I believe you have been cheating, you will receive a zero for the assignment, test or quiz.
* Please refer to the student handbook for more information on Skyline’s academic honesty policies.

**Class Expectations:**

* You are expected to behave in a manner that will allow you and others to learn mathematics and communicate mathematics.
* Please be prepared for class at the beginning of each period. This means being in your seat on time with all materials prepared.
* I will treat you with respect. Please be respectful of me, other students, and the contributions that they bring to our class.
* Some ways that you will show respect are: keeping language appropriate, putting electronic devices away, helping those who seek your assistance, assuming good intentions of your teacher and classmates, and being timely.
* Stay on task and only talk when appropriate.
* Do not be afraid to ask questions.
* You will be expected to participate 100% of the time.
* If you are not behaving appropriately, you will receive a warning. If the behavior persists, you will have a discussion with me about your behavior and the consequences. If the behavior persists you will be sent to the office.

**Absences and Tardies:**

* You need to be in class for the entire class period to learn most effectively.
* If you are absent from class for any reason, it is your responsibility to find out what you missed and to arrange a makeup test/quiz if necessary.
* If you have an excused absence on the day of a test or quiz, you will be expected to make up the test or quiz 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 the test or quiz on the assigned day.
* Being absent or tardy for any reason can adversely affect your understanding. 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 that I can make sure I’m available. Here are some ideas if you would like extra help:

* **For most questions/concerns, I am available every day before school.** I am available after school on Wednesdays and Fridays. I will be: in my office, room 3102, or in classroom 3103.
* For longer questions please make an appointment to ensure adequate time.

*\*\*Please* ***seek help early****; do not wait until you are completely frustrated or confused to seek help! I* ***want*** *to help you so please use me as a resource. \*\**

**Cell Phones and Electronics:**

Electronic devices that disrupt the learning environment are not allowed. If any electronic device disrupts the learning environment for any reason, they will be confiscated.

**Website:**

I maintain a website where important information is communicated, including assignments, due dates and links to handouts. I highly recommend adding my site to your list of bookmarks!

http://www.mrssedlacekmath.weebly.com

**Questions:**

Please feel free to contact me anytime you have questions, concerns or if you want to arrange a meeting. Email is the best way to get ahold of me, but I will check my voicemail daily. I look forward to working with you this year!

**Please print and return this page signed by September 11th 2017**

(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 Pre HL.
* I have written down any questions that I have about these expectations at the bottom of this page.
* 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. Please do not hesitate to contact me with any questions or concerns. The best way to guarantee your student’s success is by working together. Please help to ensure that his or her homework is completed each night. I will update grades on Family Access regularly so you will be able to see your student’s progress. I look forward to working with you and your student!

**Please share with me a goal that you have this year for your student in IB Pre HL:**

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

Parent/Guardian: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Print Name

Preferred email: ­­­­­­­­­\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Preferred phone #: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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Signature

Questions: