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“Let’s envision what learning is supposed to be”

# The Structures of Support for Students In My Class!

## Mission Statement



### "Lets Envision What Learning Is Supposed To Be!"

Every year, students entering a new class have much anxiety; maybe students don't know what to expect. I want students to know that they do not have to be anxious. My students' achievements are my achievements. I truly believe that education is collaborative; it takes the teacher, student(s), and family for all facets of learning to succeed. A student should not work harder than the teacher. The teacher should not work harder than the student. Therefore, equal responsibility must be shared to ensure continued success.

Students fully immersed in my classroom should have an enjoyable and enriching learning experience. Success begins with hard work, dedication, commitment, and most importantly, responsibility. Sure, there will be times students may stumble, but please never hesitate to ask for help or clarification. I wish all students the best in their semester with me!

### EDUCATIONAL BACKGROUND

- Bachelor of Science, Adv. Majors in Physics & Mathematics, Dalhousie University (2007)
- Bachelor of Education, Secondary Science & Mathematics, St. Francis Xavier University (2009)
- Masters of Education, Curriculum & Instruction, St. Francis Xavier University (2014)
- Masters of Education, Educational Leadership & Administration, St. Francis Xavier University (2017)
- Thesis Candidate, St. Francis Xavier University (Current)

### COURSES AND GRADE BREAKDOWN FOR ALL CLASSES AT HWHS

<b>Physics 11 Academic &amp; Advanced</b>  Pre-Exam Grade = 80%   Exam Grade = 20%	Unit 1—Kinematics Unit—25% Unit 2—Dynamics Unit—25% Unit 3—Momentum & Energy Unit—25% Unit 4—Wave Phenomena Unit—25%
<b>IB Physics 11</b>  HW Probes = 5%   Labs = 10%   Quizzes = 15%   Tests = 30%   Final Exam = 40%	Topic #1 – Measurement & Uncertainties Topic #2 – Mechanics Topic #6 – Circular & Gravitational Motion Topic #4/9 – Waves & Wave Phenomena

For specific grade information such as HW Probes, ICAs, Labs, and Tests, see full course outline

**Students are highly encouraged to use all available school resources (including mine) to increase their opportunity and ability to succeed in all my classes. There are things put into place to do so!**

# The Structures I Have In Place To Support Students!

I believe that students should also be involved in their own learning; this develops responsibility

### TYPICAL CLASS DAY FOR NON-IB PHYSICS STUDENTS (75 MINUTES)

Review	Knowledge & Learn	Application
<b>5 minutes;</b> starter questions; going over HW; agenda for the class	<b>30-40 minutes;</b> learning of material, example problems, and course materials to be taught; takes chunk of class time	<b>15-25 minutes;</b> HW or practice time; students can seek help / clarification during class time

EXTRA HELP & SUPPORT

**Important Note:** Under the Nova Scotia Teachers’ Collective Agreement, under Article 13.03; “Teachers shall not be required to perform supervision of pupils during any period of time that pupils are on lunch and noon hour break. This means that extra-help during non-instructional hours is purely voluntary (it is not a right; it is a privilege that students and parents have). Therefore, students must utilize class time as much as possible to ask questions—students must conduct themselves in a manner that is conducive to the learning environment of others. *Due to the # of meetings or administrative responsibilities, I am unable to do any more than this.*

Tuesday at Lunch	Thursday Mornings	D-Block on Wednesdays
11:40 AM to 12:25 PM	8:30 AM to 8:55 AM	Full Block

POWERSCHOOL UPDATES & PRIORITY

General Updates	High Priority Updates	Lower Priority Updates
Extra help logs, quick grade fixes, and attendance logs; updated within a 1-2 day basis	HW Probes and ICAs; within a 48-72 hour time span; to inform students (and I) of their areas of strengths / weaknesses for future support; depends on the length	Labs, General Assignments (including late ones), and Unit Tests, usually by Sunday afternoon each week

ON-GOING FEEDBACK & NOTICE OF INFORMATION

On the first day of classes during each new week, a new grade slip is given to subject specific classes. It includes a record of their current achievement, dates in which assignments or major testing is due, class specific information (including extra help or additional feedback). Grade slips are logged into PowerSchool

**Missing Assignments for Mr. Ngo’s Physics 11 Academic Class – C-Block**

Success in this class comes from active engagement and completion of all assessments in class

Name \_\_\_\_\_

Date: **As of Tuesday, February 20**

Lab Quiz #1 – Acceleration for a Non-Uniform Motion Graph (+ Docs)

Due F. Feb. 23

Remember that the Lab Quiz and Report is Due on Friday. It will be 3Q from your lab sheet, closed book, and you must have submitted your Graph 1-1, Graph 1-2, and the Raw Data. The lab quiz is worth roughly 75% of the overall grade.

Please remember to visit [www.mrngolearning.com](http://www.mrngolearning.com) for all the relevant course files to prepare for class!

Current Grades (w/ all units included) \_\_\_\_\_

Comments: \_\_\_\_\_

Extra help is offered ONLY on Tuesdays at lunch (11:40 AM to 12:20 PM) and Thursday Mornings (8:30 AM to 9:00 AM); any other will be during class support time

This is done for best practice – to give students a weekly checklist and info from me

COURSE WEB SITE

- Practice problems, handouts, and solution keys are posted online for both students and parents
- **Digital copies of the text (E-Book for Physics 11 Academic, Advanced, & IB): Pass: mrngochs**
- Twitter and PowerSchool are actively used to relay communication for students and parents
- Class notes loaded online for all students; it is important to print them and bring prior to the class lesson

How Can I Do to Support Parents / Guardians?

I believe that students who have invested parties involved in their learning can have an enriched experience in school and progress in life

POWERSCHOOL RECORD KEEPING

Students given mark slips (as shown previously) are always recorded online. It does not impact their grades in any way. It only acts as record keeping between home and school.

Attendance is taken on ASAP; Grades are updated daily to ensure active communication!

A-Block Class

Physics 11 Academic



- Starter Problem
- Unit Test Outline Discussion
- Introduction to Inclines
- Practice Problems

Upcoming Dates:

- Lab #2 – Inclined Planes – Thursday, April 20
- Unit Test – Dynamics – Monday, April 24
- Inclined Planes Lab Docs – Due Tuesday, April 25

Mr. Ngo

Tuesday, April 18, 2017 | BADC



**DEADLINES OF MATERIALS**

Due dates of all assignments and labs are always mentioned at the beginning of class (see example)

**CONTACT ME**

Email for informal conversations at any time, if there is a serious or sensitive issue, please email me and I will call you within a time in which I am available (only during the school days for calls). I will usually call when I'm not occupied with a school responsibility, co-planning of materials, or in a meeting.

**CURRICULUM OUTCOMES**

All classes adhere strictly to outcomes mandated either by the Dept. of Education or the IBO

Physics 11 Outcomes	<a href="https://www.ednet.ns.ca/files/curriculum/physics11_12.pdf">https://www.ednet.ns.ca/files/curriculum/physics11_12.pdf</a>
IB Physics 11 Outcomes	<a href="https://ibpublishing.ibo.org/server2/rest/app/tsm.xql?doc=d_4_physi_gu_i_1402_1_e&amp;part=2&amp;chapter=3">https://ibpublishing.ibo.org/server2/rest/app/tsm.xql?doc=d_4_physi_gu_i_1402_1_e&amp;part=2&amp;chapter=3</a>

**Learner Profile Categories Elaboration**

	Class-work & Assignments	Interactions with Others	Organizational Skills	Responsibilities and Independence
Department of Education Wording	Student completes class-work, completes homework, and strives to produce quality work	Student interacts positively, resolves conflicts appropriately, and works collaboratively with others	Student comes prepared for class, manages own materials and belongings, and uses class time efficiency	Student accepts responsibility for own actions, arrives on time for class, follows instructions / directions / rules and routines, respect school property and works independently
Mr. Ngo’s Interpretation	<ul style="list-style-type: none"><li>Consistent quality work provided</li><li>Strives for perfection (not doing it for the sake of a grade or above-average grade)</li></ul>	<ul style="list-style-type: none"><li>Is able to work collaboratively with others under all conditions (ex. class work, lab setting, and other class related activities) w/out support</li><li>Has shown excellent leadership abilities in the class setting when working with others</li></ul>	<ul style="list-style-type: none"><li>Work has never been late and has been passed either on time or early</li><li>Has always utilized class time effectively for class-related work</li><li>Has always come to class prepared and ready to learn</li><li>Shows respect for both other student(s)’, schools’, and teachers’ property</li></ul>	<ul style="list-style-type: none"><li>Consistently punctual for class time</li><li>Can follow directions and instructions without provided with additional feedback (ex. verbal discussion in private)</li><li>Is able to work productively and on-task without teacher intervention</li><li>Has never needed any interventions regarding class routines, rules, directions and instructions</li><li>Has shown responsibility by displaying independent work</li><li>Has never been warned about cell phone usage and/or other distractions</li><li>Has seek or utilized feedback for further growth</li><li>Has asked for materials when missing class time and/or contacted me whenever missing materials</li><li>Has seeked or utilized feedback for further improvement and growth (growth-mindset)</li></ul>

**IB Physics 11 Specific Document**

All students grades can be found on Mangebac (not PowerSchool).  
Please ask your child on how to access and view the grades

**Grade Scales in IB Classes are different than traditional PSP classes**

The scores on Mangebac and that of the report card differs significantly.

The score on the report card shows the IB score (1-7) and a converted grade to a non-IB score.

IB Scores Breakdown		The scores on the left hand column are based on the IB class breakdown from the following assessments:  <b>Probes = 5%   Labs = 10%   Quizzes = 15%   Tests = 30%   Exam = 40%</b>
85% or greater	7	
75% or greater	6	
65% or greater	5	
55% or greater	4	
50% or greater	3	
40% or greater	2	
30% or greater	1	

There are 2 transcripts: (1) An IB transcript with the score of 1-7 grades and (2) A transcript with converted grades, which is IB 1-7 grades converted to a percentage for comparison to a non-IB grade. The universities use such percentage grades to make comparison between an IB and a non-IB student

## Transcripts / Grades

*IB Diploma student transcripts with Anticipated Grades are sent to university admissions offices in February.*

Official grades are awarded by the International Baccalaureate Organization in July and sent online to universities designated by the student and to each IB Diploma student. The universities make both admission and scholarship decisions on the Anticipated Grades provided by the IB teachers in February.

The final official 1–7 grades sent in July to universities to confirm those decisions.

*Students actually have two IB transcripts;* one based on the anticipated IB 1–7 grades with a score of points out of a possible 45 and the other a transcript with converted grades, which is IB 1–7 grades converted to a percentage.

*The Conversion Scale is an official Nova Scotia scale consistent with similar conversion scales used in other provinces in Canada.*

**Nova Scotia Conversion Scale**

IB grades are converted to percentage grades on student transcripts to university.

For 1–7 Grades on IB Courses:	For Theory of Knowledge and Extended Essay:
7 = 99–100	A = 96–100
6 = 92–98	B = 91–95
5 = 84–91	C = 80–90
4 = 77–83	D = 70–79
3 = 70–76	E = Failure
2 = 50–69	
1 = Failing Grade	

**Document Found on:** <https://ib.ednet.ns.ca/IB-in-NS/transcripts-grades>