



Mr. Matthew Ngo, Room 212

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

Mission Statement:

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 falter, but please never hesitate to ask for help or clarification. I wish all students the best in their semester with me.

Philosophy of Education:

The purpose of education is to develop proper 'habits of minds'. As learners are formally educated, learners are purposely developing habits that exist within scientific or liberal arts paradigms which includes reasoning, insight, energy, skill, creativity, intellectual honesty, skepticism, responsibility, independence, and openness to new ideas. Therefore, education (in a broad sense) is to initiate, enlighten, reinforce, and clarify clear learning goals that are directly connected to student's habit of mind based on student's individual contexts. My ultimate goal is to develop and prepare learners for the future utilizing these 'habits of minds'. Let’s envision what learning is supposed to be!

EDUCATIONAL BACKGROUND

Thesis Candidate, St. Francis Xavier University (Current)

Masters of Education, Educational Leadership & Administration, St. Francis Xavier University (2017)

Masters of Education, Curriculum & Instruction, St. Francis Xavier University (2014)

Bachelor of Education, Secondary Science & Mathematics, St. Francis Xavier University (2009)

Bachelor of Science, Adv. Majors in Physics & Mathematics, Dalhousie University (2007)

COURSES AND GRADE BREAKDOWN FOR ALL CLASSES AT CHS

<p>Physics 11 Academic & Advanced</p> <p>Pre-Exam Grade = 80% Exam Grade = 20%</p>	<p>Unit 1—Kinematics Unit—25%</p> <p>Unit 2—Dynamics Unit—25%</p> <p>Unit 3—Momentum & Energy Unit—25%</p> <p>Unit 4—Wave Phenomena Unit—25%</p>
<p>Physics 12 Academic & Advanced</p> <p>Pre-Exam Grade = 80% Exam Grade = 20%</p>	<p>Unit 1—Mechanics Extension—35%</p> <p>Unit 2—Electromagnetism—35%</p> <p>Unit 3—Waves & Modern Physics—15%</p> <p>Unit 4—Radioactivity—15%</p>

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
5 minutes; starter questions; going over HW; agenda for the class	30-40 minutes; learning of material, example problems, and course materials to be taught; takes chunk of class time	15-25 minutes; 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.*

Mondays at Lunch	Friday Mornings
11:40 AM to 12:20 PM	8:30 AM to 8:55 AM

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 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 All Classes):**
Pass: mrngo.chs
- 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

[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

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!**

DIGITAL TECHNOLOGY (AIR TRANSFER)

Air Transfer+ is an app for Apple Products; it allows students to drop the E-Book, class notes, and solution keys handy. Students are recommended to use Air Transfer+ to help incorporate readily available classroom aids to help increase success. Digital technology will be incorporated throughout the course.

CURRICULUM OUTCOMES

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

Physics 11 & 12 Outcomes	https://www.ednet.ns.ca/files/curriculum/physics11_12.pdf
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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"> Consistent quality work provided Strives for perfection (not doing it for the sake of a grade or above-average grade) Sought out or utilized feedback for further improvement and growth (growth-mindset) 	<ul style="list-style-type: none"> Is able to work collaboratively with others under all conditions (ex. class work, lab setting, and other class related activities) w/out support Has shown excellent leadership abilities in the class setting when working with others 	<ul style="list-style-type: none"> Work has never been late and has been passed either on time or early Has always come to class prepared and ready to learn 	<ul style="list-style-type: none"> Consistently punctual for class time Can follow directions and instructions without provided with additional feedback (ex. verbal discussion in private) Is able to work productively and on-task without teacher intervention Has never needed any interventions regarding class routines, rules, directions and instructions Has shown responsibility by displaying independent work Has never been warned about cell phone usage and/or other distractions Has seek or utilized feedback for further growth Has asked for materials when missing class time and/or contacted me whenever missing materials