

Culminating Activity

Task Title:	<i>Final Review Project – Grade 12 University Physics</i>	
Grade: 12	Course: SPH4U	Unit: All
Description of the Task:	<ul style="list-style-type: none"> - create a summative review package of the major curriculum topics this task is 5% of the final assessment	
Timing:	<ul style="list-style-type: none"> - assigned approximately three weeks prior to the final examination, collected on the day of the examination 	
The Product:	<ul style="list-style-type: none"> - a calendar that logs the students study times (includes other events such as social activities, sports, jobs, etc., anything that will take up the students time) - a collection of questions with full solutions - a log of their studying time that amounts to SEVEN hours or more - a comprehensive, one page, formula sheet of your own creation 	
Expectations:	<ul style="list-style-type: none"> - Unit 1 – Forces and Motion (Chp 1 – 3) - Unit 2 – Energy and Momentum (Chp 4 – 5) - Unit 3 – Fields (Electric, Gravitational, Magnetic) - Unit 4 – Waves and Light (9 – 10) 	
Instructions and Components: Individual Work:	<ol style="list-style-type: none"> 1. Calendar – record your exams, tests, culminating activities, etc. on the calendar; include your work schedule, sports, and social events; reflect on the time you have available to study and setup tentative study times for ALL subjects (see attached calendar) THE CALENDAR IS “THE PLAN”, NOT A JOURNAL. Put some thought into it and then challenge yourself to follow it, I promise you will be rewarded in the end. 2. Questions – keep your study questions separate from your day to day work; full solutions with the appropriate page and question number are expected. You must log a minimum of <u>7 HOURS</u> of study time OUTSIDE of the classroom. Study periods should be 30 minutes to 1 hour, with the ideal time being around 45 minutes. The total of the time spent studying should equal or exceed 7 hours. Textbook questions, quizzes, unit tests are excellent resources to find questions to study. The task of finding the most appropriate questions to study is part of this exercise. (Remember, this is <i>your</i> review. Do the work that you need to spend time on – use your unit tests as an indicator of the areas on which you need to concentrate!!!!) 3. A ONE page formula sheet of all relevant formulas, conversions, and units 4. Log – keep a log (example below) of the time you study, the questions done during that time period <p>You will be required to <u>submit the complete package on the day of the exam</u>, no excuses, exceptions, or extensions. Please submit the entire study package in an appropriate binder/duo tang/folder so nothing gets lost or damaged.</p>	
Assessment / Evaluation	<ul style="list-style-type: none"> - a rubric for each component will be used to evaluate this assignment 	
Resources:	<ul style="list-style-type: none"> - Physics 12 (Nelson - textbook) - Course notes <p><u>Before You Start</u> 30 min. - 1 hour – You should organize notes and tests for the year before any studying is done. By organizing first, you can get a better grasp on what your personal weakness areas are, and then tailor your study schedule to your needs.</p> <p><u>Studying</u> 45 min. – 1 hour – You should be spending about this amount of time per chapter (15 minutes reviewing concepts, the rest doing questions).</p> <p><u>The Night Before the Exam</u> 45 min. – 1 hour – You should only be reviewing weakness areas the night before the exam. You should NOT be learning something for the first time the night before the exam. Be sure to get a good night’s sleep before your exam and a healthy breakfast the day of your exam.</p>	

