



GREATER ESSEX
COUNTY DISTRICT
SCHOOL BOARD
www.publicboard.ca

ESSEX DISTRICT HIGH SCHOOL

244 Talbot Street North • Essex • Ontario • N8M 2E1

Telephone: 519-776-7344 • Fax: 519-776-4902

Course Information Sheet

SCHOOL YEAR

January 2015

TEACHER Mr. B. Neave

DEPARTMENT HEAD Mrs. Dandiwal

COURSE CODE (click for code) **SPH4C**

Course Name/Grade, Type, Prerequisite and Description will automatically fill in.

COURSE NAME/GRADE **Physics, Grade 12, College Preparation**

COURSE TYPE Physics

CREDIT VALUE **1.0**

PREREQUISITE Science, Grade 10, Academic or Applied

COURSE DESCRIPTION

DESCRIPTION of course as found in the course of study outline:

This course develops students' understanding of the basic concepts of physics. Students will explore these concepts with respect to motion; mechanical, electrical, electromagnetic, energy transformation, hydraulic, and pneumatic systems; and the operation of commonly used tools and machines. They will develop their scientific investigation skills as they test laws of physics and solve both assigned problems and those emerging from their investigations. Students will also consider the impact of technological applications of physics on society and the environment.

Addendum to course description (up to 30 word maximum).

BOTH TERM WORK AND THE FINAL SUMMATIVE EVALUATION ARE BASED ON THE FOLLOWING ACHIEVEMENT CHART WEIGHTINGS:

Thinking **30 %** Application **15 %** Communication **20 %** Knowledge/Understanding **35 %**

		DESCRIPTION OF TERM WORK	ESTIMATED TIME		
COURSE OVERVIEW	1	Motion	17	} = 100% of Term Work and 70% of final report card mark	
	2	Mechanical Systems	17		
	3	Electricity and Magnetism	17		
	4	Energy Transformations	17		
	5	Hydraulic and Pneumatic Systems	17		
		DESCRIPTION OF THE FINAL SUMMATIVE EVALUATION (FSE)		} = 100% of FSE and 30% of final report card mark	
		Final Exam = 30% of overall mark			
		The FSE is completed in the last 4-6 weeks for semestered schools and in the last 6-8 weeks for non-semestered schools. No exemptions are permitted on any component of the FSE.		100% of final report card mark	

THE FOLLOWING ASSESSMENT STRATEGIES WILL BE USED THROUGHOUT THE COURSE:

PERFORMANCE PRODUCTS	<input type="checkbox"/> story	<input checked="" type="checkbox"/> booklet/pamphlet/poster	PERFORMANCE DEMONSTRATIONS (live or tape)	<input type="checkbox"/> debate	<input type="checkbox"/> simulation
	<input type="checkbox"/> play	<input checked="" type="checkbox"/> manual/brochure		<input type="checkbox"/> role play	<input type="checkbox"/> seminar
	<input type="checkbox"/> poem	<input type="checkbox"/> musical composition		<input type="checkbox"/> dialogue	<input type="checkbox"/> oral presentation
	<input type="checkbox"/> review/critique	<input type="checkbox"/> performance appraisal		<input type="checkbox"/> recital	<input type="checkbox"/> visual presentation
	<input type="checkbox"/> game	<input type="checkbox"/> other (please specify)		<input type="checkbox"/> retelling	<input type="checkbox"/> artistic performance
	<input checked="" type="checkbox"/> research paper/project			<input type="checkbox"/> performance	<input type="checkbox"/> portfolio
				<input checked="" type="checkbox"/> lab/experiment	<input type="checkbox"/> other (please specify)

PERSONAL COMMUNICATION	<input checked="" type="checkbox"/> classroom discussion	<input type="checkbox"/> questionnaire/survey	PAPER/PENCIL	<input checked="" type="checkbox"/> quiz	<input checked="" type="checkbox"/> exam
	<input type="checkbox"/> interview	<input checked="" type="checkbox"/> self-assessment		<input checked="" type="checkbox"/> test	<input type="checkbox"/> essay
	<input type="checkbox"/> conference	<input type="checkbox"/> peer assessment		<input type="checkbox"/> other (please specify)	
	<input checked="" type="checkbox"/> reflective or response journal	<input type="checkbox"/> other (please specify)			
	<input type="checkbox"/> learning log				
	<input checked="" type="checkbox"/> oral test/exam/report				

COURSE RESOURCES

Physics 12 College Preparation - Nelson	

STUDENT RESPONSIBILITIES	LEARNING SKILLS AND WORK HABITS
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<p>Students are responsible for:</p> <ul style="list-style-type: none"> ♦ complying with the GECDSB acceptable computer use policy ♦ providing evidence of their achievement ♦ demonstrating academic honesty ♦ completing work to the best of their ability ♦ submitting work to teachers on time ♦ attending classes and being active participants in the learning and assessment process ♦ communicating with teachers when there is difficulty in meeting timelines ♦ ensuring that missed work is completed within pre-established timelines ♦ communicating to parents assessment and evaluation methods and pertinent due dates and timelines for work submission ♦ complying with school code of conduct policy and classroom expectations as outlined by the teacher 	<p>The development of learning skills and work habits is an integral part of a student's learning. The following learning skills and work habits will be assessed and evaluated:</p> <ul style="list-style-type: none"> • Responsibility • Organization • Independent work • Collaboration • Initiative • Self-regulation
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FOR MORE INFORMATION GO TO www.publicboard.ca AND FOLLOW THE PARENT LINK

Dear Parents/Guardians:
Please read, sign and return this Course Information Sheet with your son/daughter.
If you have any questions, please contact the school.

Signature of Student

Signature of Parent/Guardian

Date