

Windsor Secondary School

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Mission Statement “LEARNING FOR SUCCESS”

At Windsor Secondary School we strive to treat each other with respect and dignity, appreciate diversity, actively pursue lifelong learning through different opportunities and value everyone’s right to work and learn in a safe, supportive, challenging environment.

CURRICULAR COMPETENCIES:

The course should provide opportunities for students to:

- question their assumptions and predict outcomes;
- plan and conduct experiments to collect reliable data;
- process and analyze data and information;
- critically assess and evaluate outcomes;
- apply knowledge to novel situations;
- communicate understanding of course content.

COURSE CONTENT:

- Unit 1: Vector Kinematics
- Unit 2: Vector Dynamics
- Unit 3: Work, Energy and Power
- Unit 4: Momentum and Impulse
- Unit 5: Equilibrium
- Unit 6: Circular Motion and Gravitation
- Unit 7: Electrostatics
- Unit 8: Electromagnetism (time permitting)
- Unit 9: Special Relativity (time permitting)

RESOURCE MATERIALS:

- Physics Third Edition – Giancoli
- Class material is available on MS Teams / Class Notebook

POLICIES AND PROCEDURES:

- It is expected that students will demonstrate ethical, responsible, cooperative behavior while in the physics classroom.
- Cheating, plagiarism and academic dishonesty (e.g. “skipping” class) are serious concerns and are not acceptable at Windsor. Students who are involved in any form of cheating, plagiarism or academic dishonesty will be given no credit for the work done or missed with no opportunity for make-up.

MARKS ASSIGNMENT:

- Unit marks are determined from in class group work, quizzes and tests.
- Course mark will be determined from the unit marks. Units are weighted equally.

ATTENDANCE:

- Missing classes for any reason will have an impact on academic success.
- Students absent from class are solely responsible for obtaining and completing any missed work and should speak with their teacher the day they return to school to make arrangements for missed work.
- The school and teaching staff are not required to make special arrangements for missed work, quizzes and tests for unexcused absences.
- Repeated unexcused absences or lates will result in consequences from the classroom teacher and/or grade administrator.