**SPH 4U EXTRA CREDIT ASSIGNMENT**

This assignment will be added in, to improve your mark, by a maximum of 1%. You will be graded using the rubric below. This assignment may not be submitted after leaving the exam location on Thurs. Jun. 20, 2019.

Write a 5-paragraph essay, addressing the topic: Physics in my everyday life. You should follow the format below:

Paragraph 1: Thesis paragraph

Paragraph 2 – 4: Body paragraphs; each of these should have points supporting your statement for that paragraph; you should include specific examples, laws and equations for support

Paragraph 5: Concluding paragraph

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| **Thinking and Investigation** – *The use of critical and creative thinking skills and inquiry, research, and problem-solving skills and / or processes* |

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| **Categories** | **Level 1**  **50 – 59%** | **Level 2**  **60 – 69%** | **Level 3**  **70 – 79%** | **Level 4**  **80 – 100%** |
| **Use of initiating and planning skills and strategies**  (formulating questions, identifying the problem, developing hypotheses, selecting strategies and resources, developing plans) | Uses initiating and planning skills and strategies with limited effectiveness | Uses initiating and planning skills and strategies with some effectiveness | Uses initiating and planning skills and strategies with considerable effectiveness | Uses initiating and planning skills and strategies with a high degree of effectiveness |
| **Use of processing skills and strategies**  (performing and recording, gathering evidence and data, observing, manipulating materials and using equipment safely, solving equations, proving) | Uses processing skills and strategies with limited effectiveness | Uses processing skills and strategies with some effectiveness | Uses processing skills and strategies with considerable effectiveness | Uses processing skills and strategies with a high degree of effectiveness |
| **Use of critical / creative thinking processes, skills and strategies**  (analysing, interpreting, problem solving, evaluating, forming and justifying conclusions on the basis of evidence) | Uses critical / creative thinking processes, skills and strategies with limited effectiveness | Uses critical / creative thinking processes, skills and strategies with some effectiveness | Uses critical / creative thinking processes, skills, and strategies with considerable effectiveness | Uses critical / creative thinking processes, skills and strategies with a high degree of effectiveness |

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| **Communication** – *The conveying of meaning through various forms* |

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| **Categories** | **Level 1**  **50 – 59%** | **Level 2**  **60 – 69%** | **Level 3**  **70 – 79%** | **Level 4**  **80 – 100%** |
| **Expression and organization of ideas and information in oral, visual, and / or written forms**  (clear expression, logical organization, diagrams, models) | Expresses and organizes ideas and information with limited effectiveness | Expresses and organizes ideas and information with some effectiveness | Expresses and organizes ideas and information with considerable effectiveness | Expresses and organizes ideas and information with a high degree of effectiveness |
| **Communication for different audiences and purposes in oral, visual, and / or written forms**  (peers, adults, to inform, to persuade) | Communicates for different audiences and purposes with limited effectiveness | Communicates for different audiences and purposes with some effectiveness | Communicates for different audiences and purposes with considerable effectiveness | Communicates for different audiences and purposes with a high degree of effectiveness |
| **Use of conventions, vocabulary, and terminology of the discipline in oral, visual and / or written forms**  (symbols, formulae, scientific notation, SI units) | Uses conventions, vocabulary and terminology of the discipline with limited effectiveness | Uses conventions, vocabulary, and terminology of the discipline with some effectiveness | Uses conventions, vocabulary, and terminology of the discipline with considerable effectiveness | Uses conventions, vocabulary, and terminology of the discipline with a high degree of effectiveness |