Please answer these questions thoughtfully and return the form with your lab report. Each student should complete a survey. It is not necessary to put your name on the survey.

1) **Knowledge:** How did this module contribute to your ability to:
   a) Understand how the body burns fats and carbohydrates as fuels to obtain energy
      1 2 3 4 5
      No idea what happens Poor idea Fair idea Good The concept is clear
   b) To use a correlation to determine the basal metabolic rate (BMR)
      1 2 3 4 5
      None Poor Fair Good The concept is clear
   c) Calculate the rate of energy expenditure using measurements of VO2 and VCO2 during respiration
      1 2 3 4 5
      None Poor Fair Good The concept is clear
   d) Understand and calculate mechanical efficiency
      1 2 3 4 5
      None Poor Fair Good The concept is clear
   e) Apply the first law of thermodynamics to determine the energy stored as fat in one day.
      1 2 3 4 5
      None Poor Fair Good The concept is clear

Comments on above topics, please:

Suggestions for improvement on above topics:

2) **Interest:** How interesting was
   a) The subject material
      1 2 3 4 5
      Dull Somewhat dull Take it or leave it Interesting Exciting
   b) The experiment
      1 2 3 4 5
      Dull Somewhat dull Take it or leave it Interesting Exciting
   c) The analysis and results as a way to learn engineering calculations
      1 2 3 4 5
      Dull Somewhat dull Take it or leave it Interesting Exciting

Comments on above topics, please:
Suggestions for improvement on above topics:

3) **Difficulty**: Please indicate the level of difficulty of

   a) The experiment

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   Impossible and unfair  Too difficult  Challenging and appropriate  Easy  Much too easy

   b) The calculations

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   Impossible and unfair  Too difficult  Challenging and appropriate  Easy  Much too easy

Comments on above topics, please:

Suggestions for improvement on above topics:

4) **References**: Please rate the usefulness of the references. If not applicable, choose N/A

   a) Lab Handout

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   Useless  Somewhat useless  Moderately useful but needs significant improvement  Useful  Very useful

   b) Course Website

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   Useless  Somewhat useless  Moderately useful but needs significant improvement  Useful  Very useful

Comments on above topics, please:

Suggestions for improvement on above topics: