

# MARKING CRITERIA AND STUDENT FEEDBACK

MODULE: Group Project and CAE

ASSIGNMENT: Written Report

STUDENT: Toby Marshall

DATE:

This section details the assessment criteria. The extent to which these are demonstrated by you determines your mark. The marks available for each criterion are shown. Lecturers will use the space provided to comment on the achievement of the task(s), including those areas in which you have performed well and areas that would benefit from development/improvement.

| Common Assessment Criteria Applied                                                                                                                                                                                                                                                                     |                                                 | Marks available | Marks awarded |   |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|-----------------|---------------|---|
| <b>1. Engagement with literature Skills</b>                                                                                                                                                                                                                                                            |                                                 |                 |               |   |
| Extent of research and/or own reading; selection of credible sources; application of appropriate referencing conventions.                                                                                                                                                                              |                                                 |                 |               |   |
| 50-59%: Inclusion of a range of research-informed literature, including sources retrieved independently. Referencing conventions mostly consistently applied.                                                                                                                                          |                                                 | 10              | 5.5           |   |
| Some relevant reading has been included. You could have found a BDC motor efficiency plot.                                                                                                                                                                                                             |                                                 |                 |               |   |
| There is some basic cited evidence supporting your discussion                                                                                                                                                                                                                                          |                                                 |                 |               |   |
| <b>2. Knowledge and Understanding Skills</b>                                                                                                                                                                                                                                                           |                                                 |                 |               |   |
| Extent of knowledge and understanding of concepts and underlying principles associated with the discipline.                                                                                                                                                                                            |                                                 |                 |               |   |
| 50-59%: Knowledge is accurate with a good understanding of the field of study.                                                                                                                                                                                                                         |                                                 | 25              | 14.5          |   |
| You demonstrate an understanding of some of the issues. You could have followed up your findings.                                                                                                                                                                                                      |                                                 |                 |               |   |
| There is some basic discussion regarding the motor controller although you should have had it proof read and you also used the same data matrix as Mr Coney and Mr Jones                                                                                                                               |                                                 |                 |               |   |
| <b>3. Cognitive and Intellectual Skills</b>                                                                                                                                                                                                                                                            |                                                 |                 |               |   |
| Analysis, evaluation and synthesis; logic, argument and judgement; analytical reflection; organisation of ideas and evidence                                                                                                                                                                           |                                                 |                 |               |   |
| 50-59%: Evidence of some logical, analytical thinking and synthesis. Can analyse new and/or abstract data and situations without guidance.<br>An emerging awareness of different stances and ability to use evidence to support the argument.<br>Valid conclusions and recommendations, where relevant |                                                 | 25              | 14.5          |   |
| It's a pity that current was not measured during the testing. Calculations to workout energy stored in the battery and average power requirements for the race.                                                                                                                                        |                                                 |                 |               |   |
| Some very basic analysis is defined from the shared matrix and some basic discussion is evaluated with regards to various types of controllers                                                                                                                                                         |                                                 |                 |               |   |
| <b>4. Practical Application Skills</b>                                                                                                                                                                                                                                                                 |                                                 |                 |               |   |
| Deployment of methods, materials, tools and techniques; application of concepts; formulation of innovative and creative solutions to solve problem                                                                                                                                                     |                                                 |                 |               |   |
| 60-69%: A very good application of a range of methods, materials, tools and/or techniques.<br>Very good consideration of the context of the application, with perceptive use of examples, where relevant.<br>Evidence of some innovation and creativity.                                               |                                                 | 20              | 12.6          |   |
| It's good to see some testing. Please re-read to find the spelling and grammar mistakes                                                                                                                                                                                                                |                                                 |                 |               |   |
| Project development and CAD models was basically defined with no evidence regarding your drawings                                                                                                                                                                                                      |                                                 |                 |               |   |
| <b>5. Transferable Skills for Life and Professional Practice</b>                                                                                                                                                                                                                                       |                                                 |                 |               |   |
| Attributes in professional practice: individual and collaborative working; deployment of appropriate media; presentation and organisation.                                                                                                                                                             |                                                 |                 |               |   |
| 50-59%: Can communicate effectively in a suitable format, but may have minor errors.<br>Can work effectively as part of a team, with clear contribution to group activities.<br>Mostly coherent work and is in a suitable structure.                                                                   |                                                 | 20              | 11.6          |   |
| You tried to encourage the team, which was good to see. When referring to graphs please include the graph.                                                                                                                                                                                             |                                                 |                 |               |   |
| Don't know why you provided your own introduction and conclusion they should have all been combined as one                                                                                                                                                                                             |                                                 |                 |               |   |
| Assignment Mark (Assessment marks are subject to ratification at the Exam Board. These comments and marks are to give feedback on module work and are for guidance only until they are confirmed. )                                                                                                    | Late Submission Penalties (tick if appropriate) |                 | 58.7          | % |
|                                                                                                                                                                                                                                                                                                        | Up to one-week late                             |                 |               |   |
|                                                                                                                                                                                                                                                                                                        | Over one week late                              |                 |               |   |