

MODULE: Major Project	ASSIGNMENT: Dissertation Report
STUDENT:	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		Mark available	Mark awarded	Comments						
1. Research-Informed Literature (Extent of research under own reading, selection of credible sources to support the aims of the project)										
Extent of research under own reading, selection of credible sources, application of appropriate referencing conventions										
YOU HAVE CARRIED OUT A LARGE AMOUNT OF ACADEMIC RESEARCH TO SUPPORT YOUR PROJECT.		10	0	8						
2. Knowledge and Understanding of Subject (Ability to identify problems within, and technical direction of the project)										
Depth of knowledge and understanding of concepts and underlying principles associated with the discipline										
YOU HAVE A VERY GOOD ENGINEERING UNDERSTANDING OF VALVE TRANS.		10	0	7						
3. Analysis (Technical ability, analytical content and ability)										
Analysis, evaluation and synthesis; logic, argument and judgement; application of theories; representation of data and evidence										
YOU HAVE PROVIDED SUBSTANTIAL ANALYSIS OF THE MATHEMATICS OF VALVE ANALYSIS.		35	0							
4. Practical Application and Deployment (Progress/achievement, ability to draw conclusions and understand results)										
Deployment of scientific, technical, maths and software, evaluation of concepts, formulation of appropriate and creative solutions to solve problems										
VERY GOOD USE OF MATLAB (AND CAD IN APPENDIX). YOUR DETAILS ARE VERY THOROUGH.		35	0	7						
5. Skills for Professional Practice (Quality of presentation and success in communicating the aims and scope of the project)										
Attitude as professional person, individual and collaborative working, implement of appropriate tools, presentation and organisation										
WELL WRITTEN BUT COULD BE BETTER FOCUSED & LESS REPETITIVE IN PLACES TO REDUCE WORD COUNT.		10	0							
Assessment Mark Comment: Mark is subject to confirmation at the Exam Board. These comments and marks are to give feedback on student work and are for guidance only and they are confidential.		<table><tr><td>Leave Blank/Marked/Passive (tick if appropriate)</td><td></td></tr><tr><td>Up to one week late</td><td></td></tr><tr><td>Over one week late</td><td></td></tr></table>			Leave Blank/Marked/Passive (tick if appropriate)		Up to one week late		Over one week late	
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Up to one week late										
Over one week late										

General comments

- Hand altered corrections are not acceptable at this level

• **Proof read and spell check your report before you hand it**

- No Introduction

• **No Conclusion**

- Make it clear which task you are talking about throughout

- Whilst I can understand what you are trying to say, some

- Make sure that you discuss the relevant information in the

- Do not use colloquial language

George ~ Very well written BUT,
IN INSIGHT SEEING IT AS A WHOLE,
YOU PROBABLY USED MANY TOO MANY
WORDS TO SHOW YOUR AUTHORITY.
I UNDERSTAND YOUR NEED FOR
THOROUGHNESS THOUGH AND THIS IS
EXEMPLARY.

A few comments:

- FIG 10.7. WHAT RPM IS THIS? ACC. SHOULD BE -VE!
- FIG 7.3 SHOULD BE LABELED 'WELT DONE/CYCLE'
- FIG 12.3 MCR CAN ACTUALLY HOOTS UNDER
THIN KENT (PIPER).
- P52. LAST PARAGRAPH NOT TOTALLY CLEAR
- FIG 16.2 WHY IS X SCALE ONLY UP
TO 3,50?
- P76 YOU MENTION CONTACT STRESSES
CAN BE IN RANGE 800 - 1200 GPa.
IS THIS CORRECT? VERY HIGH? =
IN FIG 16.30 YOURS ARE ONLY
UP TO 800 MIPa.
- FIG 16.4 THIS LOOKS INCORRECT.

GOOD TO SEE THE CAD AND OTHER
WORK IN APPENDIX.



MARKING CRITERIA AND STUDENT FEEDBACK

MODULE: Major Project

ASSIGNMENT: Viva (Questions & Poster)

STUDENT:

DATE:

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Common Assessment Criteria Applied		Marks available	Marks awarded	% Award
1. Understanding and Analysis: Definition of work through technical questioning				
You offer very creditable and comprehensive answers			0	77.5
2. Transferable Skills for Life and Professional Practice (Summary Poster)				
Poster is interesting but difficult to do justice to complete project		10	0	67.5
Assignment Mark (Assessment marks are subject to confirmation at the Exam Board. These comments and marks are to give feedback on candidate work and are for guidance only until they are confirmed.)	Late Submission Penalty (tick if appropriate)		0	%
Up to one mark loss				
Over one mark loss				

76.5
General comments

Q1. Good comprehensive technical answer.

Q2. This is really comprehensive and technical.

Q3. Glad you recognise the typing 'INPUT' error.

Q4. Very good.

Q5. Understood.

- Hand showed corrections are not acceptable at it
- Proof read and spell check your report before you
- No Introduction.
- No Conclusion.
- Make it clear which task you are talking about
- Whilst I can understand what you are trying to
- Make sure that you discuss the relevant information
- Do not use colloquial language.
- Consider the amount of effort that you put into
- Make sure that you discuss the correct topics in
- Consider the amount of marks versus the answer
- Don't make bold sweeping statements unless you
- Personal commentary about how you wrote the
- Overly simplistic language is used in places
- Some of your statements are misleading or incorrect
- Whilst I can understand what you are trying to
- If you are going to use word features such as
- Watch your word count. You need to be concise
- Any statements that you make must be explained
- Any figures that you insert from the internet
- If you are going to use figures that rely on colour black and white
- Any figures must be relevant and add information
- Figures and illustrations would have added information
- Consider using diagrams to help explain technical