

REPORT RUBRIC (ORAL)

STUDENT NAME:

UNIT:

SCORE:

Heading	component	✓
Content	A clearly stated science question A justification for adopting image processing algorithms Appropriate choice of algorithm(s) Clear presentation of results Results interpreted in relation to science question	
	TOTAL X 2	
Slides Clarity	Appropriate length Clarity of figures Clarity of font size and type Good choice of color and contrast No spelling or grammar errors	
	TOTAL	
Oral Presentation	Presenting to entire room Appropriate voice volume and speed Eye contact with audience Absence of notes Absence of distracting mannerisms	
	TOTAL	

TOTAL: ____ / 20

FROM Syllabus: Unit 4 will feature a discussion of image processing and feature recognition as applied to solar physics data. We will then discuss several types of solar physics problems which require a data-driven scientific approach and, as a class, select one topic to answer. You will then design and write a basic code to answer the science question using your personal choice of programming language.

This Unit project report will consist of an oral report (8 mins + 2 minutes questions) detailing

- (i) The science question you are trying to study
- (ii) Why it requires image processing and feature recognition
- (iii) Your results from your code,
- (iv) The interpretation of these results

You will also email me your code, which should be adequately commented such that a fellow graduate student, who is a beginner in your programming language of choice, will be able to follow it. Half of the marks awarded will be my grading on your individual project program and presentation. You will also all grade each other's presentation using the rubric, and the other half of your marks will be the average of the grades you get from the other students.

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