

Examination Assignment

- Due date
- Rubric and expectations
- Support documents

Due date:

- Any time before 13 November, 13:00am (TBC)

Rubric and expectations

- ECSA Graduate Attribute 4: Investigations, experiments and data analysis.
 - **GA 4.4 Experimental execution, interpretations, analyses and conclusions emanating from results and data.**
- But what does this mean?
 - *Did the student demonstrate competence to implement and verify standardised and non-standardised experiments, analyse data leading to results, interpret the results emanating from the analysis and draw conclusions supported by the results?*

Rubric and expectations

- ECSA Graduate Attribute 4: Investigations, experiments and data analysis.
 - **GA 4.5 Documentation of investigations, experiments, data, results and conclusions in a technical report.**
- But what does this mean?
 - *Did the student demonstrate competence to clearly and logically communicate all phases of their research project, including investigations, experimental methodology, analysis of data and results, and conclusions from results?*

Rubric and expectations

- ECSA Graduate Attribute 5: Engineering methods, skills and tools, including information technology.
 - **GA 5.3 Assessment of outcome from engineering methods, skills and tools.**
- But what does this mean?
 - *Did the student demonstrate competence to test and assess results produced by the tools?*

Rubric and expectations

- ECSA Graduate Attributes 4 and 5 criteria evaluation:
 - 1: Not included in report
 - Nothing to evaluate.
 - 2: Severely deficient
 - Performance is well below minimum requirements, and/or many of the critical goals were not achieved. Significant improvement is required in one or more areas.
 - 3: Unsatisfactory
 - Performance failed to meet minimum requirements, and/or one or more of the critical goals were not achieved.

Rubric and expectations

- ECSA Graduate Attributes 4 and 5 criteria evaluation:
 - 4: Barely acceptable
 - Performance barely meets the minimum requirements in terms of quality of work delivered within the allocated time. The most critical goals were achieved, but barely.
 - 5: Acceptable
 - Performance met the minimum requirements in terms of quality of work delivered within the allocated time. Only the most critical goals were achieved (smallest allowed scope), but done well.

Rubric and expectations

- ECSA Graduate Attributes 4 and 5 criteria evaluation:
 - 6: Very satisfactory
 - Performance exceeds minimum requirements. All goals, objectives and targets were achieved above the established standard (larger scope OR above average quality).
 - 7: Distinction
 - Performance represents an extraordinary level of achievement and commitment in terms of quality and time, technical skills and knowledge, ingenuity, creativity and initiative. Student has mastered all areas relevant to the evaluation criteria at a level above expectation (largest scope AND above average quality).

Rubric and expectations

- Quality of reporting
- But what does this mean?
 - *This evaluates aspects that a non-engineering proofreader would be able to identify and point out. As such, it is not evaluated as part of the GAs. This is an adjustment of the overall mark.*

Rubric and expectations

- Quality of report evaluation:
 - 1: Acceptable (no adjustment required)
 - 2: Multiple options (2) from below apply
 - 3: Multiple options (3) from below apply
 - 4: Multiple options (>3) from below apply
 - 5: Examples exist of poor editing or quality (figures)
 - 6: Examples exist of poor editing or quality (grammar/spelling)
 - 7: Examples exist of poor editing or quality (writing/text)
 - 8: Examples exist of poor styling (incorrect usage of uppercase in writing, erroneous use or lack of spaces, poor font and/or size choices, etc.)

Rubric and expectations

- Quality of report evaluation:
 - 9: Examples exist of incomprehensible or incomplete sentences
 - 10: Communicating method(s) through source code (Part C only, Part B previously penalised)
 - 11: Student modified the prescribed template or did not follow prescribed format exactly
 - 12: Prescribed page limit not adhered to
 - 13: Other issue (see comments)
 - 14: Changes not highlighted (resubmission only)

Support documents:

- Research project folder
 - Research report framework 2020.pdf
 - p. 12 and onward
 - Part D (Examination content)
 - FAQ
 - Note: Minor updates could happen
- EES424 - Examination Report Framework Example.pdf
- Research project definition 2020.pdf
 - Submission instructions still apply
 - TII submission: only *new content*, i.e. exam section
 - AMS submission: As in ...Example.pdf above