

Commentary on candidate evidence

Proposal

The proposal gives a clear indication of the aims of this ambitious project. It is relatively well conceived and provides opportunities for the candidate to develop their skills. It is interdisciplinary in the inclusion of physics, modelling, design and mathematics.

The outline is well written and links with the selected broad contexts. Justification in terms of career choice as well as sustainability and economic development meet the second A grade criteria.

The use of existing subject knowledge is apparent. The proposed learning environments are somewhat limited in being sufficiently unfamiliar, however the awarding of the third A grade criteria for this section is supported holistically by the evaluation of the project.

The skills section has been completed well in relation to how the project will allow skills to develop, though inclusion of a review of the candidate's existing skill set would have aided the completion of the self-evaluation.

The feedback to the candidate is very positive and supportive.

All A grade criteria for the proposal have been met.

Plan

The planning section could have been completed to build on the outline from the proposal, however across all five pieces of evidence it is clear how the project proceeded. Completing the planning section in this way has overlapped with the resources section.

The Gantt chart show a logical thought process in the sequencing of tasks contributing to the awarding of the timescales and dependencies grading criteria.

The research methods are appropriate to the project and sufficiently varied.

The contingencies section is the weakest part of the plan, only just meeting the A grade criteria, however it is supported by the project evaluation.

Again, the feedback to the candidate is supportive and encouraging.

All A grade criteria have been met.

Presentation of project findings/product

The candidate presented in an appropriate way and considered that more use could have been made of social media to widen the audience. Consideration has been given to the inclusion of very technical information. The use of feedback relating to finding the correct depth for the chosen knowledge is commendable.

The candidate acknowledges the challenge faced in presenting to an audience and has developed their presenting skills in completing this challenge. The use of feedback from their first presentation to make amendments is excellent, as is the use of questioning throughout the presentation.

The assessor comments on the presentation are contained within the assessor report, and while these comments are appropriate to the project they are not directed to the candidate. Comments in the report should be directed toward internal/external verifiers.

All A grade criteria have been met fully.

Evaluation of project

This is an honest, incisive, well-balanced evaluation of the project, with the candidate discussing the learning points, weaknesses, and successes of the project.

This strong evaluation of the project has helped the candidate gain a grade A as it has supported other areas of the evidence.

It is apparent that good use has been made of communication throughout the project and that the candidate has developed their skills in this area.

Both A grade criteria for this section have been met.

Self-evaluation

The candidate has carried out a very full analysis of the skills developed in carrying out this project. There is some overlap in some sections between self-evaluation and evaluating the project, which can happen when a candidate goes into a lot of detail in some areas, but it does not take away from this being an insightful and reflective self-evaluation.

Throughout the project there has been good use of feedback from a variety of sources.

Both A grade criteria for this section have been met.

Overview

This is a very good challenging project which has clearly met all of the A grade criteria when viewed holistically. The evaluation and self-evaluation both comfortably meet all A grade criteria for these sections and clearly support the few areas where the evidence is weaker.

The candidate obviously enjoyed the challenge they set themselves and is deservedly proud of their achievement.