







Continuous Assessments:Standards Setting Document

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1. Aim of this Document

This document aims to provide guidance and support for those who are using continuous assessments as part of the overall assessment strategy. This document also aims to ensure that all staff are aware of the quality assurance mechanisms related to preparation, conduct, marking and feedback of continuous assessments at Glasgow College UESTC.

2. Important Guidelines for Assessments

According to the UK Quality Code for Higher Education, assessments need to adhere to the following guiding principles [1]:

- Assessment methods and criteria are aligned to the learning outcomes and teaching activities of a module.
- b. Assessments are reliable, consistent, fair, transparent and valid.
- c. Assessment is purposeful and supports the learning process.
- d. Assessment is timely.
- e. Assessment is efficient and manageable.
- f. Students are supported and prepared for the assessment. Ideally, students should be able to take **formative assessments** before they take a summative assessment.

3. Quality Assurance of Continuous Assessments

3.1 Align Assessments to Learning Outcomes

Effective assessments are properly aligned to a course's learning outcomes. Make sure you assess how well your ILOs have been met using your assessment strategy. Ideally, this process should take place before course delivery, as shown in figure 1[2]. Moreover, students should know what forms of assessment will be used and how their performance in those assessments will be judged (i.e. the rubrics and mark schemes that will be applied).

Intended Learning Outcomes Learning Methods Assessment Methods Criteria

Figure 1 Aligning assessments to the learning outcomes

3.2 Continuous Assessment Weighting

All continuous assessments for third and fourth year modules (except for IP, ECS and TDPS) must not constitute more than 25% of the module's overall weight. Furthermore, there should be no more than 2 continuous assessment tasks. See section 3.5 if your continuous assessments exceed 25% of your module's weight.

3.3 Prepare Appropriate Marking Criteria

Mark schemes need to be **transparent** and **reliable**. Transparency in assessment means that students know how and when their learning will be judged. Reliable assessments mean that different markers can use the mark schemes to grade students in a similar way. It is therefore extremely important to design clear assessment criteria that guide markers



to judge the same things to the same standard. These mark schemes should also be easily understood by a non-expert in the field.

3.4 Ensure that Assessments are Internally Moderated

Course coordinators must ensure that continuous assessments have been internally moderated before delivering them to students. If necessary, staff members are expected to provide evidence of the internal moderation process. For quality assurance purposes, this evidence might be requested by the external examiner or the IET.

3.5 External Moderation of Continuous Assessments

Courses with continuous assessments <u>exceeding 25%</u> need external moderation. In that case, continuous assessments need to be uploaded to Exam DB for external moderation (https://webapps.eng.gla.ac.uk/external/). In the "Comments" section, staff need to indicate that a Continuous Assessment was uploaded.

3.6 Continuous Assessments and IET Accreditation

All continuous assessment tasks must be uploaded to the appropriate IET accreditation page on Moodle (https://moodle.gla.ac.uk/mod/assign/view.php?id=1129478). In case continuous assessments exceed 25%, course convenors must provide <a href="mailto:3 samples of student work achieving high, median and low grades. Full instructions for uploading these materials are provided in the Moodle page.

3.7 Continuous Assessments Exceeding 25% of Module Grade

In addition to the instructions provided in sections 3.5 and 3.6, course convenors must ensure that their course specifications include the following note: "<u>To receive the threshold grade in this course, students must achieve at least a grade E in every component of assessment listed in §20. The result will be capped at E1 otherwise.</u>" This statement is required for accreditation purposes.

3.8 Use of Moodle Grading Sheet

Make sure that all grades are available for each student's continuous assessment exercise or task on Moodle. Instructions for how to use grading sheets in Moodle are provided by the university:

https://www.gla.ac.uk/myglasgow/moodle/guides/assignmentusingagradingworksheet/

4. Types of Assessments

Assessments can be used for a number of different educational purposes. According to the literature, there are **six** different types of assessments [3-5]. The first three are the most common methods used in Glasgow.



- a. <u>Summative assessment</u> counts towards a student's final grade. It usually takes place at the end of a particular learning objective to judge how well a student has grasped the material.
- b. <u>Formative assessment</u> takes place during a student's learning process. Any marks given to the student are indicative and do not contribute to their final grade. Formative assessments provide feedback to students, so that they have an opportunity to improve their grades.
- c. <u>Interim assessments</u> evaluate student performance at particular intervals (e.g. every six weeks) within the learning process. They can be summative assessments that track student learning.
- d. <u>Diagnostic assessments</u> are used to test a student's specific weaknesses, strengths and knowledge to judge what level of support they will require.
- e. <u>Norm-referenced assessments</u> are used to compare a student's performance against nationalised or "normalised" groups.
- f. <u>Criterion referenced assessments</u> measure a student's performance against specific objectives or standards.

5. Assessment Criteria and Mark Schemes

- Assessment criteria explain to a student what they need to do to achieve a particular grade. They clarify what is expected in terms of student performance [6].
- ➤ It is your responsibility as course convenor to prepare the appropriate **level of difficulty** of your continuous assessments. You must also engage with the internal moderator, the Assessment Coordinator and the Programme Directors in case of doubts. Their contact details are provided in section 7.
- ➤ Please bear in mind that our students are non-native English speakers.
- Make sure that there are **formative elements throughout the course** to help students test their level of understanding and provide you with an opportunity to provide feedback. These can be tutorials, exam-style exercises, and online quizzes in Moodle.

6. Assessment Methods

There are more than 20 different types of assessment methods that course convenors can use. A full list of these methods can be found here [2]. Common assessment methods include multiple choice questions, group projects, oral presentations, demos, essays, computer based assessments and laboratory notebooks.



7. Summary

- All staff are reminded on the need for transparent marking criteria. Please make sure to prepare a legible mark scheme that includes the distribution of marks for each item.
- Allow your mark scheme to be understood by a non-expert in the subject. This can help your marking scheme to be a useful resource for students, as well as external examiners. Make sure that anyone can mark your questions relatively easily.
- For continuous assessments, you are reminded to develop appropriate mark schemes. For example, lab report mark schemes and oral presentations can be derived from the UoG final year project report marking or oral presentations marking matrix. Examples of mark schemes are shown in the Appendix.
- ➤ Continuous assessments must be <u>moderated</u> internally before they are given to students. Staff members are expected to provide evidence of the internal moderation process of their continuous assessments. For example, staff members **A** and **B** share the delivery UESTC course **X**. Both **A** and **B** can demonstrate moderating each other's continuous assessment exercises before offering them to students.

8. Contact People

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Appendix

Examples of mark schemes used for the assessment of some TDPS course components, as shown in figures A.1 to A.2 [7-9].

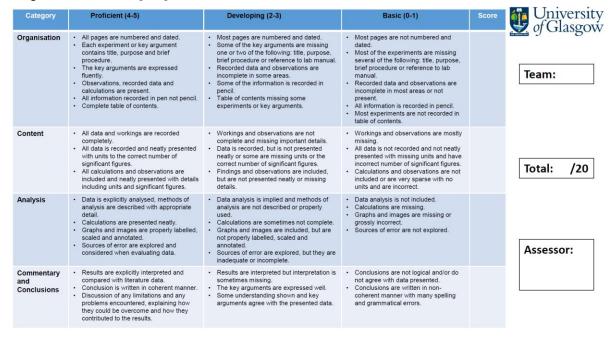


Figure A.1 Mark scheme for the Laboratory Notebook.

Assessment Matrix for Team Design Projects

Final Individual Report (To be completed by staff only.) (worth 25%)



(Highest to Lowest)	A1, A2, A3, A4, A5	B1, B2, B3	C1, C2, C3	D1, D2, D3	E1, E2, E3	F1, F2, F3	G1, G2, H	Grade Awarde
Descriptor	Excellent	Very Good	Good	Satisfactory	Weak	Poor	G: Very Poor H: No Attainment	Awarde
Writing (Weighting = 1)		Clear and well written, easy to understand, and mostly free of errors.	Most of the text is clear and easily understood. There are some issues with grammar and spelling.	The text can be understood, but some elements are not entirely clear. A sizeable volume of errors is noticeable.	Hard to understand much of the text. Significant spelling errors and grammatical flaws.	The volume and nature of the grammatical errors, combined with poor writing makes this report difficult to read.	Unintelligible. Impossible to read due to exceptionally poor use of English.	
Literature Survey (Weighting = 1)	discussed in great	An appropriate range of relevant references used and discussed suggesting substantial background reading.	Sufficient references used and discussed to indicate a good level of background reading.	Perhaps just enough references used and discussed to suggest some background reading was undertaken. Too many "www" references.	Too few relevant references used and discussed and possibly an over reliance on www sources indicating insufficient background work.	Only a few references used and discussed and majority are irrelevant. Little evidence of background reading.	Very few (or no) references used or discussed. No evidence of any background reading.	
Technical Content & Quality of Analysis (Weighting = 3)	discussion and a comprehensive analysis of a significantly complex	Clear and reasoned arguments backed up with a significant analysis indicating a very good grasp of a difficult technical problem.	level, supported by a good	depth, supported by some	Only limited critical discussion of the technical problem studied. Little analysis or a low level of analysis. Suggests limited understanding of problem.	Very little evidence of critical discussion of technical work or results. Superficial understanding of problem. Minimal analysis included.	The lack of quality of the technical argument suggests that the student has very little understanding of the problem. No analysis.	
Presentation & Figures (Weighting = 1)	Professional standard of presentation. All illustrations are well	A clear and consistent presentation style making it easy to read. Most of the figures are clear and well presented.	flaws in the presentation	A number of basic errors present – inconsistent use of styles, margins etc. Figures are satisfactory.	the overall impression of the	Unacceptable presentation: untidy and inconsistent use of styles. Figures are messy and unclear.	A messy report, e.g. no evidence of any effective effort on the quality of the presentation. Report is hard to follow due to unclear figures.	
Organisation & Structure (Weighting = 1)	correct and in accordance with instructions. All contributions can be	A well organised report with all sections logically placed enhancing understanding of work. All contributions can be clearly identified.	A report which is sufficiently well organised to make reading the report easy. All contributions can be clearly identified.	There may be some issues with the structure, but these do not detract from overall quality. Contributions cannot be identified.	the report is structured	Serious flaws in structure which makes it difficult to read and understand the report. Contributions cannot be identified.	No discernable structure. Illogical placement of sections. Impossible to follow argument.	

Figure A.2 Mark scheme for marking the final individual report of the Team Design Project.



Assessment Matrix for Oral Presentation (worth 25%)



Grade Range (Highest to Lowest)	A1, A2, A3, A4,A5	B1, B2, B3	C1, C2, C3	D1, D2, D3	E1, E2, E3	F1, F2, F3	G1, G2, H	Grade
Descriptor	Excellent	Very Good	Good	Satisfactory	Weak	Poor	G: Very Poor H: No Attainment	Awarded
(Maighting = 1)	Confident, clear and unhesitating delivery. Held attention of audience. Easy to follow arguments.	Was confident but perhaps a few minor flaws (such as hesitation, talking too fast etc).	Perhaps slightly lacking in confidence or possibly not speaking quite clearly enough.	delivery, but there were issues regarding clarity,	A hesitant or unclear delivery made understanding the presentation difficult.	maintain attention.	No fluency or clarity. Too many basic errors, e.g. mumbling or talking to screen.	
Questions (I) (Weighting = 2)	Answered all questions clearly and confidently. Gave the impression of having an excellent grasp of the subject.	Answered all questions competently. Has clearly developed a very good understanding of the subject	Answered most questions well enough to conclude that the student has a developed a good understanding of the subject.	reasonable understanding of the	Answered the majority of the questions poorly suggesting a lack of knowledge in the subject.		Unable to give any sort of competent answer to any question.	
Structure (Weighting = 1)	Structure of the presentation makes understanding the technical arguments exceptionally clear.		presentation but perhaps one or two slides are	Some elements of the presentation are not clear as the structure is	A badly structured presentation giving a confused picture of the project making it difficult to follow arguments.	Although there is some structure to the presentation it is very confused and it is almost impossible to follow.	No discernable attempt at a logical structure.	
Slides (Weighting = 1)	Exceptionally clear slides. Simple design, large enough font, not too much material on slides. A professional quality presentation.	(font size, colour scheme etc), but overall impressive	There may be a number of errors, on the slides but overall still clear and flaws do not detract significantly from content.	Consistent errors on many slides but not of a significant nature. A reasonable effort but flaws have detracted from presentation	Significantly flawed slides. Basic errors such as small font size, too much content on slides, over-elaborate design.	Not only are slides poor, but they make it difficult to follow argument.	Very poor slides, basic errors on every slide. Impossible to follow technical argument.	
	There is a good quantity of high level technical content in the presentation.	Overall, the content is sufficient to give the audience a clear account of a challenging technical task.	The presentation has a good level of technical content with only a small amount of superfluous information.	but overall the technical content is satisfactory.	content with too	The technical content is relatively low in terms of level and quantity.	Superfluous or possibly no relevant technical content evident.	

Team Number:	Team Name:	Marker Name:

Figure A.3 Mark scheme for oral presentations.

References

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