OLGA:
An Online Grading Assistant for Student Assessment in Outcome-Based Visual Arts-Education

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Situation 1

How is a ‘B’-grade in VA2080 Basic Spatial Design equivalent to a ‘B’ in VA2350 Chinese Visual Art: Convention and Innovation?

How is a ‘B’-grade in VA2200 The Art of Glass Blowing related to a ‘B’-grade in VA3150 Advanced Glass Blowing?
Situation 2

The work of student B is not as good as the work of student A, but student B is very hard working, so he should get some extra-points for that, but how many?

Especially as student C’s work is somewhere between students A and B, but he is not very hard working. Can it be that the grade of student B is better than that of C, despite the work actually not being as good? Can B maybe even overtake A?
Assessment Needs to Be ...

Fair
> Objective.
> Transparent.
> Comprehensive.
Traditionally Assessment in Visual Arts-Education is …

> Based on ‘aesthetic judgement’ (‘taste problem’).
> Prone to interpretation.
> Varies due to disciplinary differences.
“A college [traditionally] is an institution that exists to **provide instruction**. Subtly but profoundly we are shifting to a new paradigm: A college is an institution that exists to **produce learning**.”

1. Outcome-Based Teaching & Learning (OBTL)

2. Criterion-Referenced Assessment (CRA)

> implementation of new teaching and learning approach throughout all of HKBU (and other HK institutions) as encouraged by UGC.
OBTL-System

Graduate Attributes
(uni-level)

PILOs
(programme-level)

CILOs
(course-level)

Assessments
(class-level)
Criterion-Referenced Assessment (CRA)

> “[…] a statement about the behavior to be expected of a person with that score or their relationship to a specified subject matter. […] The objective is simply to see whether the student has learned the material.”


Criteria

> ‘rubric’: “assessment tool used to measure students’ work. It is a scoring guide that seeks to evaluate a student’s performance based on the sum of a full range of criteria rather than a single numerical score“

Source: https://education.kennesaw.edu/edtech/
Online Grading Assistant (OLGA)

> Self-developed at AVA (1 academic staff, 1 programmer; both part time).

> Approx. 1 year from inception to implementation.

> Run at AVA as required grading tool since 2012/13.

> Approx. HKD 50,000 (to date; programming, licenses).
Online Grading Assistant (OLGA): Development Environment

*Web Programming:* PHP v5.1.6; Yii Framework 1.1.7; jQuery v1.5.1; JQuery UI v1.8.11

*Database:* MYSQL or equivalent

*Web Server:* Apache HTTP Server

*Mail Server*
https://ava01.hkbu.edu.hk/demo/olga/index.php

> Questions?