



香港浸會大學
HONG KONG BAPTIST UNIVERSITY

OLGA:

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

Peter Benz

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**.”*

Source: Barr, Robert B., and John Tagg. “From Teaching to Learning: A New Paradigm for Undergraduate Education”. In: Change, November/December 1995.

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.

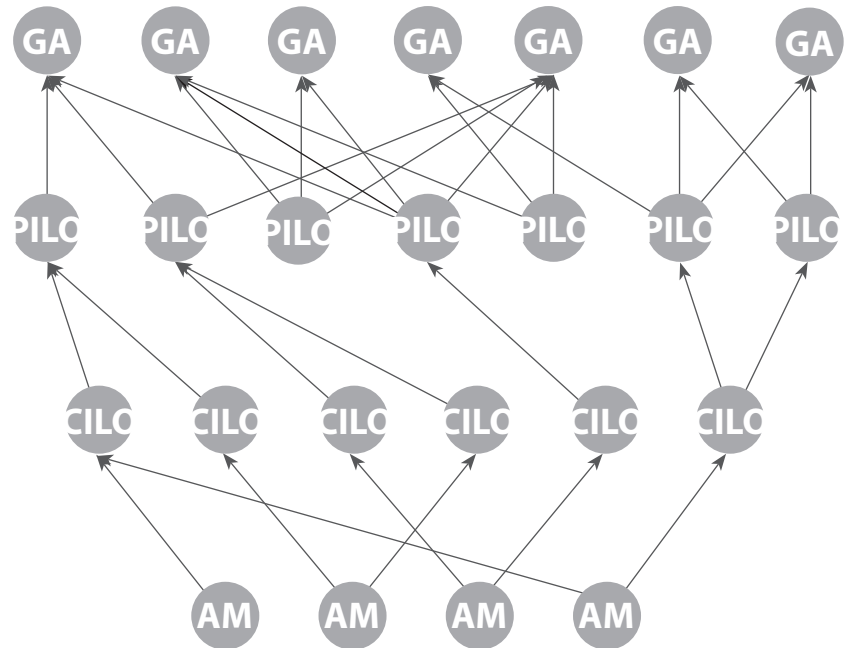
OBTL-System

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.”

Source: Wikipedia

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?*