GIVE FEEDBACK IN AN EASY AND CONSISTENT WAY WITH RUBRICS

AARHUS
UNIVERSITY
AARHUS UNIVERSITY SCHOOL OF ENGINEERING

BB@ST / GIVE FEEDBACK IN AN EASY AND CONSISTENT WAY WITH RUBRICS
14 AUGUST 2017

HENRIK OLSEN
ASSOCIATE PROFESSOR

AGENDA

Why?

What does rubric mean?

Two types of rubrics

Rubric in Blackboard

Guidelines

Links

Questions?

AARHUS
UNIVERSITY
AARHUS UNIVERSITY SCHOOL OF ENGINEERING

BB@ST / GIVE FEEDBACK IN AN EASY AND CONSISTENT WAY, WITH RUBRICS
14 AUGUST 2017

HENRIK OLSEN
ASSOCIATE PROFESSOR

WHAT DOES RUBRIC MEAN?

The word rubric comes from the Latin word for **red**.

The online Merriam-Webster dictionary lists the first meaning of rubric as

- *"an authoritative rule"*

and the fourth meaning as

- *"a guide listing specific criteria for grading or scoring academic papers, projects, or tests."*

AARHUS UNIVERSITY
AARHUS UNIVERSITY SCHOOL OF ENGINEERING

BB@ST / GIVE FEEDBACK IN AN EASY AND CONSISTENT WAY WITH RUBRICS
14 AUGUST 2017

HENRIK OLSEN
ASSOCIATE PROFESSOR

TWO TYPES OF RUBRICS
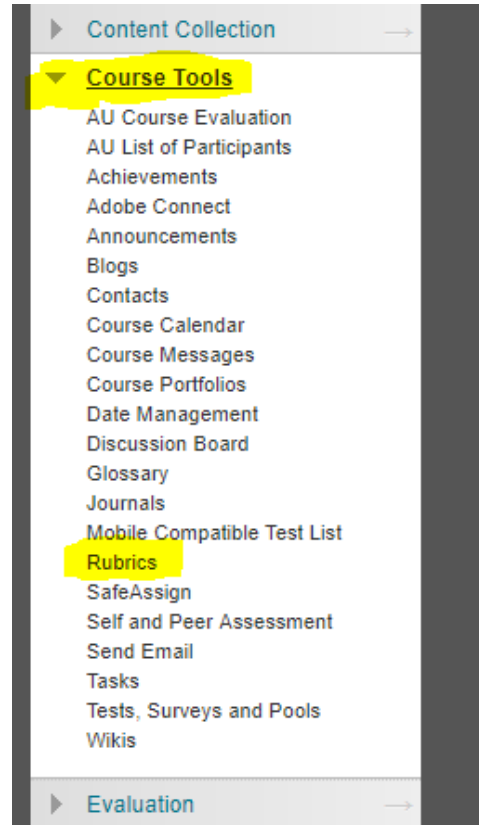
Analytic Rubric:

- An analytic rubric presents a description of each level of achievement for each criterion, and provides a separate score for each criterion. **Advantages**: provides more detailed feedback on student performance; scoring more consistent across students and raters. Gives **formative** feedback to students. **Disadvantages**: more time consuming than applying a holistic rubric.

Holistic Rubric:

- A holistic rubric presents a description of each level of achievement and provides a single score based on an overall impression of a student's performance on a task (Carriveau, 2010). **Advantages**: quick scoring, provides an overview of student achievement, efficient for large group scoring **Disadvantages**: does not provided detailed information; not diagnostic; may be difficult for scorers to decide on one overall score.

AARHUS UNIVERSITY
AARHUS UNIVERSITY SCHOOL OF ENGINEERING

BB@ST / GIVE FEEDBACK IN AN EASY AND CONSISTENT WAY WITH RUBRICS
14 AUGUST 2017

HENRIK OLSEN
ASSOCIATE PROFESSOR

RUBRIC IN BLACKBOARD

Where?

Note to my self: Open Bb to show Rubric

Help: https://help.blackboard.com/Learn/Instructor/Grade/Rubrics

AARHUS UNIVERSITY
AARHUS UNIVERSITY SCHOOL OF ENGINEERING

BB@ST / GIVE FEEDBACK IN AN EASY AND CONSISTENT WAY WITH RUBRICS
14 AUGUST 2017

HENRIK OLSEN
ASSOCIATE PROFESSOR

GUIDELINES FOR MAKING A RUBRIC

Use Descriptive Language

- avoid words like "good" or "excellent"

Use Parallel Language

- make sure that the rubric can be easily read from left to right

Share the Rubric with Your Students

- If students and stakeholders use a rubric, they will understand the expectations and their relevancy to learning

AARHUS
UNIVERSITY
AARHUS UNIVERSITY SCHOOL OF ENGINEERING

BB@ST / GIVE FEEDBACK IN AN EASY AND CONSISTENT WAY WITH RUBRICS
14 AUGUST 2017

HENRIK OLSEN
ASSOCIATE PROFESSOR

SOLIDUM PETIT IN PROFUNDIS · UNIVERSITAS ARHUSIENSIS

LINKS ABOUT RUBRICS

Should You Be Using Rubrics? (By: Maryellen Weimer, PhD)

- https://www.facultyfocus.com/articles/teaching-and-learning/should-you-be-using-rubrics/

Blackboard Help

- https://help.blackboard.com/Learn/Instructor/Grade/Rubrics

Writing Effective Rubrics Guide

- http://assessment.aa.ufl.edu/Data/Sites/22/media/slo/writing_effective_rubrics_guide_v2.pdf

University of Colorado Denver: Creating a Rubric

- http://www.ucdenver.edu/faculty_staff/faculty/center-for-faculty-development/Documents/Tutorials/Rubrics/index.htm

AARHUS UNIVERSITY
AARHUS UNIVERSITY SCHOOL OF ENGINEERING

BB@ST / GIVE FEEDBACK IN AN EASY AND CONSISTENT WAY WITH RUBRICS
14 AUGUST 2017

HENRIK OLSEN
ASSOCIATE PROFESSOR

QUESTIONS?

Are rubrics easy to make?

Do your students read and follow the rubrics?

What do students say about rubrics?

What do Teaching Assistents say about rubrics?

AARHUS
UNIVERSITY
AARHUS UNIVERSITY SCHOOL OF ENGINEERING

BB@ST / GIVE FEEDBACK IN AN EASY AND CONSISTENT WAY WITH RUBRICS
14 AUGUST 2017

HENRIK OLSEN
ASSOCIATE PROFESSOR

SOLIDUM PETIT IN PROFUNDIS · UNIVERSITAS ARHUSIENSIS ·

Name	Rubric til Laboratorieøvelse #1
Description	Pointfordeling på journalens enkelte elementer

Rubric Detail

	Levels of Achievement		
Criteria	**Novice**	**Competent**	**Proficient**
Kort indledning	**0 Points** Ingen indledninger, eller mange mangler.	**5 Points** Formuleringsfejl, eller kopieret fra oplægget.	**10 Points** Alt er ok.
Diagrammer	**0 Points** Mange, eller alle diagrammer mangler.	**10 Points** Diagram for opg 4 mangler.	**20 Points** Diagram for alle 4 opgaver er vist.
Komponenter på diagram	**0 Points** Mange komponenter mangler.	**5 Points** Få komponenter mangler, fx ubrugte gates, eller formodstande til LED'er.	**10 Points** Alle komponenter er vist.
Bennumre på gates	**0 Points** Ingen bennumre er vist.	**5 Points** Bennumre er kun vist for brugte gates.	**10 Points** Bennumre på alle gates er vist.
Måledata	**0 Points** Alle mangler, eller er forkerte.	**5 Points** Nogle måledata mangler, eller måledata er med forskellig nøjagtighed (5V og 4,50V)	**10 Points** Alt er ok.
Signalnavne	**0 Points** Mange mangler.	**5 Points** Få signalnavne mangler, er uklare eller skifter navn under vejs.	**10 Points** Alle nødvendige signalnavne er angivet på diagram, og bruges korrekt i tekst.
Ledningsfarver	**0 Points** Meget rodet. Kan fx være at alle ledninger har samme farve, eller sort bruges til Vcc og rød bruges til Gnd.	**5 Points** Ganske få farver bruges. Vcc er rød og Gnd er sort, resten har samme farve.	**10 Points** Rød til Vcc, sort til Gnd, interne forbindelser er en farve, eksterne signaler er anden farve.
Konklusioner	**0 Points** Mange mangler.	**5 Points** Uklare formuleringer.	**10 Points** Korte og præcise, for hver af de 4 opgaver.
Generelt	**0 Points** Rodede tabeller eller grim formattering.	**5 Points** Figur- eller tabelnumre mangler flere steder. Grimme billeder uden kort tekst.	**10 Points** Pænt og præsentabelt udtryk.

Screen dump fra Rubric

AARHUS UNIVERSITY
AARHUS UNIVERSITY SCHOOL OF ENGINEERING

BB@ST / GIVE FEEDBACK IN AN EASY AND CONSISTENT WAY WITH RUBRICS
14 AUGUST 2017

HENRIK OLSEN
ASSOCIATE PROFESSOR

AARHUS
UNIVERSITY