

# Implementing Rubrics on BlackBoard: Creating consistency, saving time, and enhancing assessment

Building Your Online Teaching Toolbox Series

Candy Hwang, Ph.D.

Department of Chemistry



# Outline of Today's Webinar



What are rubrics and why are they useful?



How to make a rubric from scratch, modify an existing rubric, or import a rubric



How to affiliate rubrics with assignments



How to grade rubrics using an example of a deployed rubric



How to use rubrics to generate data/reports, assess trends, gaps, and student learning outcomes

# Why incorporate rubrics?

- Rubrics enable systematic grading and consistency across a set of fixed criteria
- It's an evaluation tool with an explicit set of learning expectations and guidelines
- It provides students clear guidelines about expectations for assignments, exams, and term papers
- It saves time calculating scores and providing built-in feedback
- It aggregates data



# Where to find rubrics

## Course Management

### Control Panel

### Content Collection

### Course Tools

Achievements

Announcements

Attendance

Blackboard Collaborate Ultra

Blogs

Course Calendar

Course Portfolios

Date Management

Discussion Board

ExamSoft Registration

Glossary

Journals

Pearson's MyLab & Mastering

Respondus LockDown Browser

Rubrics

SafeAssign

Self and Peer Assessment

Send Email

Tests, Surveys, and Pools

Wikis



### Lab Syllabus

Enabled: Statistics Tracking

Attached Files: CHE 121 Lab Syllabus (328.206 KB)

Please read the syllabus carefully. The first lab session for a mandatory check-in and safety meeting will be on **July 7, Thursday** in Jennings 311 at the following times:

- 9:00 am for section 01 (Dr. Hwang)
- 12:30 pm for section 02 (Dr. Barnes)

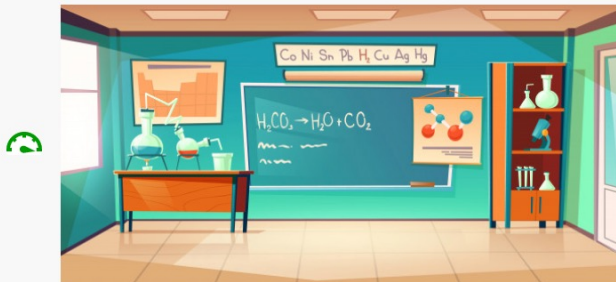
There is NO lab on July 5, Tuesday.



### Synchronous Lectures

Enabled: Statistics Tracking

[Click here](#) to enter our Zoom lectures at 9-11:30 am Mondays and Wednesdays, and 9-10 am on Fridays.





# How to make, import, or modify your rubrics

The screenshot shows the Canvas LMS interface for managing rubrics. On the left is a dark sidebar with navigation links: Announcements, Syllabi / Zoom, Lectures, Laboratory, Recitation Questions for Homework, Lecture Exams, Practice Exams, My Grades, CHE 121 Lecture Playlist, and CHE 120 Review. The main content area is titled 'Rubrics' and includes a subtitle: 'Rubrics can help ensure consistent and impartial grading and help students focus on your expectations. [More Help](#)'. Below the title are two buttons: 'Create Rubric' and 'Import Rubric'. A table lists existing rubrics with columns for selection, name, description, and date last edited. A context menu is open for 'Lab #2', showing options: Open, Edit, Copy, Delete, and View Associated Content. Annotations include red arrows pointing to the 'Create Rubric' and 'Import Rubric' buttons, and another red arrow pointing to the 'Copy' option in the context menu.

**Rubrics**  
*Rubrics can help ensure consistent and impartial grading and help students focus on your expectations. [More Help](#)*

Create Rubric Import Rubric

|                                     | NAME ▲ | DESCRIPTION | DATE LAST EDITED |
|-------------------------------------|--------|-------------|------------------|
| <input checked="" type="checkbox"/> | Lab #1 |             | July 10, 2022    |
| <input type="checkbox"/>            | Lab #2 |             | July 13, 2022    |
| <input type="checkbox"/>            | Lab #2 |             | July 13, 2022    |
| <input type="checkbox"/>            | Lab #3 |             | July 10, 2022    |
| <input type="checkbox"/>            | Lab #4 |             | July 10, 2022    |
| <input type="checkbox"/>            | Lab #5 |             | July 10, 2022    |

Context menu for Lab #2:

- Open
- Edit
- Copy
- Delete
- View Associated Content



# Modifying your rubrics


























The screenshot shows a rubric editor interface. At the top, there are buttons for 'Add Row' and 'Add Column'. The 'Rubric Type' is set to 'Percent', and the 'Show Criteria Weight' checkbox is checked. A dropdown menu for 'Levels of Achievement' is open, showing options: 'No Points', 'Points', 'Point Range', 'Percent' (selected), and 'Percent Range'. The rubric is organized into a table with three columns representing levels of achievement: 'Novice', 'Competent', and 'Proficient'. Each column has a 'Percent' value (0.00, 50.00, and 100.00 respectively) and a text input field. The rows represent criteria: 'Formatting' (Weight: 33.00%), 'Organization' (Weight: 34.00%), and 'Grammar' (Weight: 33.00%). At the bottom, there is a 'Total Weight: 100.00%' and a 'Balance Weights' button.

| Criteria     | Novice       | Competent     | Proficient     |
|--------------|--------------|---------------|----------------|
| Formatting   | Percent 0.00 | Percent 50.00 | Percent 100.00 |
| Organization | Percent 0.00 | Percent 50.00 | Percent 100.00 |
| Grammar      | Percent 0.00 | Percent 50.00 | Percent 100.00 |

Total Weight: 100.00% Balance Weights





# Here's an example

| Criteria   | Novice    | Advanced Beginner   | Competent   | Proficient    |
|---|--|--|--|--|
| <b>General Formatting: Title Page and Purpose</b>  | Points <input type="text" value="0"/><br>No title page and purpose were provided<br>                  | Points <input type="text" value="4"/><br>Missing several parts of the title page and purpose is not well written<br>            | Points <input type="text" value="7"/><br>Missing several pieces of information or does not mention all part<br>             | Points <input type="text" value="10"/><br>The lab report contains: title, student's name, date, instructor,<br>           |
| <b>Introduction</b>                                | Points <input type="text" value="0"/><br>Introduction is not provided or has been plagiarized<br>     | Points <input type="text" value="7"/><br>Missing four to five of the relevant topics in the introduction<br>                    | Points <input type="text" value="11"/><br>Missing two or three of the topics in the introduction<br>                        | Points <input type="text" value="15"/><br>Describes the following in good detail: neutralization<br>                      |
| <b>Procedure</b>                                   | Points <input type="text" value="0"/><br>No procedure was provided or procedure was plagiarized<br> | Points <input type="text" value="9"/><br>abbreviation or units, missing steps, and/or missing concentrations/measurements<br> | Points <input type="text" value="12"/><br>The procedure is not written in past tense or uses the words "we," "you, or<br> | Points <input type="text" value="15"/><br>Procedure is written in a passive, past tense. There are no errors with<br>   |
| <b>Data and Results</b>                          | Points <input type="text" value="0"/><br>No data provided<br>                                       | Points <input type="text" value="10"/><br>No units are provided in the tables; tables are missing;<br>                        | Points <input type="text" value="20"/><br>Minor errors with tables, calculations, or units are present throughout; or<br> | Points <input type="text" value="25"/><br>2 data tables (with 3 trials for NaOH and KHP analysis) are provided with<br> |



# You can also make a simple rubric

| Name   |                       |           |            |
|--|-----------------------|-----------|------------|
| Post-Lab Questions - Rubric  |                       |           |            |
| Description  |                       |           |            |
| Rubric Detail  |                       |           |            |
|  | Levels of Achievement |           |            |
| Criteria   | Novice                | Competent | Proficient |
| <b>Question 1</b> <br><b>Weight</b><br>50.00%   | 0.00 %                | 50.00 %   | 100.00 %   |
| <b>Question 2</b> <br><b>Weight</b><br>50.00% | 0.00 %                | 50.00 %   | 100.00 %   |



# How to affiliate rubrics to assignments

- So you made your rubric! Now what?
- We need to add it to our assignments
- Go to your assignment of interest, left-click 'Edit,' and scroll down to 'Grading'

**GRADING**

★ Points Possible

Associated Rubrics

Add Rubric

- Select Rubric
- Create New Rubric
- Create From Existing

| Type             | Date Last Edited        | Show Rubric to Students                                      |
|------------------|-------------------------|--|
| Used for Grading | Jul 13, 2022 8:39:11 PM | <input checked="" type="checkbox"/> Yes (With Rubric Scores) |



**Let's pause  
and preview  
all the steps  
on BBL9**

- And then see how to use it in real-time grading...

# After you've graded, you can see the data

▼

🏠

Announcements

Syllabi / Zoom

Lectures

Laboratory

Recitation Questions for Homework

Lecture Exams

Practice Exams

My Grades

CHE 121 Lecture Playlist

CHE 120 Review

Course Management

▼ Control Panel

▶ Content Collection

▼ Course Tools

Achievements

Announcements

Attendance

## Rubrics

Rubrics can help ensure consistent and impartial grading and help students focus on your expectations. [More Help](#)

Create Rubric Import Rubric

Delete Export

| <input type="checkbox"/>            | NAME ▲            | DESCRIPTION | DATE LAST EDITED |
|-------------------------------------|-------------------|-------------|------------------|
| <input type="checkbox"/>            | Lab #1            |             | July 10, 2022    |
| <input type="checkbox"/>            | Lab #2            |             | July 13, 2022    |
| <input type="checkbox"/>            | Lab #2-Formal     |             | July 13, 2022    |
| <input type="checkbox"/>            | Lab #3            |             | July 10, 2022    |
| <input type="checkbox"/>            | Lab #4            |             | July 10, 2022    |
| <input type="checkbox"/>            | Lab #5            |             | July 10, 2022    |
| <input checked="" type="checkbox"/> | Lab #5 - informal |             | July 27, 2022    |
| <input type="checkbox"/>            | Lab #8            |             | July 10, 2022    |
| <input type="checkbox"/>            | Lab #8 - informal |             | July 28, 2022    |

Delete Export

Displaying 1 to 9 of 9 items Show All Edit Paging...

Open

Edit

Copy

Delete

View Associated Content

Lab #5 - informal



# After you've graded, you can see the data

Access Panel Applic... Welcome, Candy - ... BannerWeb Plickers | Library States of Matter: Ba... UNHCEMS® Google Scholar VitalSource Booksh... Digital Measures Other Bookmarks

Southern Connecticut State University

Candy Hwang 111

My Institution Courses Tutorials Organizations Elections

Combined-Section-CHE-121-01-02-Summer\_2022 (Course has been unavailable to students since Thursday, August 25, 2022) Rubrics View All Items: Lab #5 - informal Edit Mode is: ON

### View All Items: Lab #5 - informal

All items associated with this rubric are listed on this page. Click the **Item Name** to edit the association or click **OK** to return to the main **Rubrics** page. [More Help](#)

| ITEM NAME     | CATEGORY   | VISIBLE TO STUDENTS      | POINTS POSSIBLE |
|---------------|------------|--------------------------|-----------------|
| Lab Report #5 | Assignment | Yes (With Rubric Scores) | 100             |

Rubric Evaluation Report

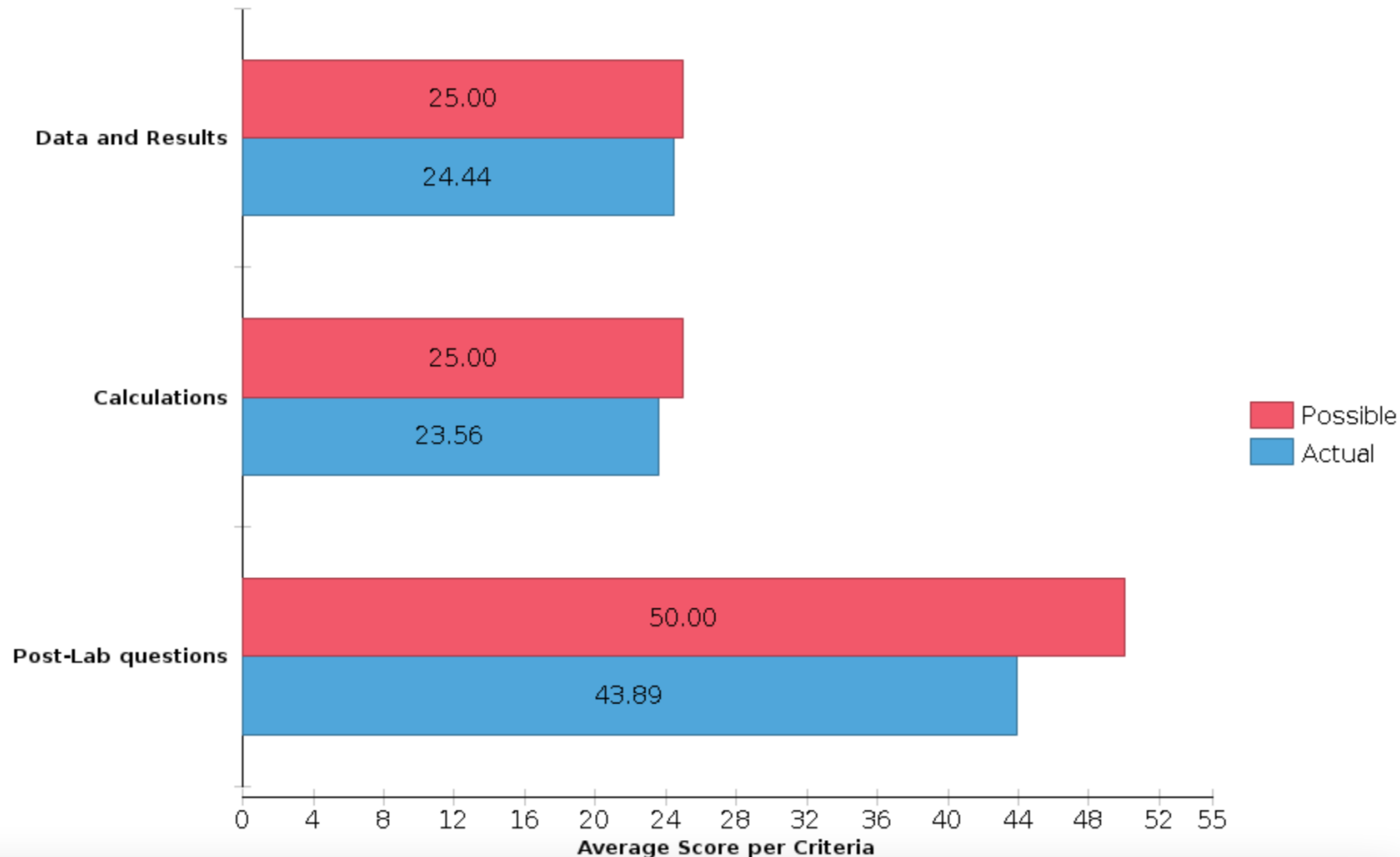
Rubric Evaluation Report

# Assess what areas need to be addressed

## Rubric Statistics Report

### Rubric Analysis

Lab #1





# Final Thoughts

- It might take some time to learn how to implement rubrics
- And there's a chance you'll make some mistakes along the way
- But apart from the lead time it takes to incorporate rubrics up-front, it will save you hours of time in other ways and help you grade consistently

**RUBRIC DETAIL**

The Rubric Grid lists **Criteria** (rows) for measuring **Levels of Achievement** (columns)

This rubric has been used for grading and cannot be modified.

| Levels of Achievement     |                                     |  |   |   |
|---------------------------|-------------------------------------|--|---|---|
| Criteria                  | Novice                              | Advanced Beginner  | Competent   | Proficient  |
| <b>Data and Results</b> ✓ | <b>0 Points</b><br>No data provided | <b>10 Points</b><br>No units are provided in the data sheet or correct significant figures: data | <b>20 Points</b><br>Minor errors with significant figures or units are present throughout | <b>25 Points</b><br>All data are provided with correct number of significant figures and units. |