# GEN ED ASSESSMENT IN SI, DEI, AND QE: SELECTING ASSIGNMENTS, USING THE CANVAS RUBRIC

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on behalf of the GEOC Assessment Subcommittee

### **OVERVIEW**

- Goals of Gen Ed assessment
- Instructor responsibilities
- Example: Social Inquiry (SI), Diversity, Equity, and Inclusion (DEI), and Quantitative Experience (QE) learning outcomes and rubrics
- Selecting assignments
- Using the Gen Ed rubric in Canvas
- Non-rubric scoring
- Where to get help

#### Instructors

#### Assessment

Overview

**FAQS** 

Resources

Reports

Fellows program

Data management plan

Support

### Assessment

To ensure that the General Education Program is meeting its goals and that our students are achieving the learning outcomes set out for the program, the <u>General Education Oversight Committee (GEOC)</u> undertook a <u>collaborative process</u> to develop an assessment plan for Gen Ed. Assessment is a means for the GEOC, departments, and instructors to evaluate how they are meeting the learning outcomes of the program; it is not an SET (Student Evaluation of Teaching) and cannot be used without the instructor's permission in performance or merit evaluations. Instead, assessment should be a transparent process that <u>protects individual instructor and student confidentiality</u> while encouraging departments and instructors to strengthen instructional delivery, materials, and assignments, and build on areas of strength. The GEOC will rely heavily on the Continued Improvement phase of assessment. Our goal is to provide the best General Education program we can for our students.

The Gen Ed Assessment Process is led by <u>General Education Assessment Fellows</u> and the GEOC; however, the success of our

# WSU'S CONTEXT FOR GEN ED ASSESSMENT

See the General Education Oversight Committee's Gen Ed assessment website for more information.

# INSTRUCTOR RESPONSIBILITIES (FALL AND WINTER)

Design syllabus

Select assignment(s)

Score with Gen Ed <u>rubric</u>

- Incorporate:
  - Course description
  - Gen Ed learning outcomes and rubric

- 1 or more
- Which best elicit evidence of each Gen Ed LO?

- Used as
   assessment data,
   separate from
   grade for student
- Canvas submissions preferred

# SOME DEFINITIONS

- **Learning outcomes** are statements that describe what students should know or be able to do.
  - Gen Ed outcomes are set by the General Education Oversight Committee (GEOC).
- Rubrics are scoring tools that describe different levels of performance on each learning outcome.
  - Performance levels can be differentiated by quantity, quality, or both.
- Course assignments are activities that elicit student performance, such as tests, projects, presentations, homework, and more.
  - A **Canvas assignment** is a digital placeholder for your course assignment.

# SI RUBRIC GLOSSARY

The definitions were developed to clarify terms and concepts as used in this rubric only.

**Society** - A community of people, broader than the immediate family, with shared customs, laws, or institutions.

**Social groups** - A collection of individuals who share a common identity or identities (e.g., class, ethnicity, family, gender/sexuality, language, nationality, occupation, political beliefs, race, religion).

**Social institutions -** Structures and systems that organize a society.

**Social interactions -** The way people communicate and interact with one another, with social groups, or with social institutions.

(The student)	Exceeds expectations	Meets expectations	expectations	expectations
LO1: Explains the behaviors, practices, institutions, and/or systems that define a society or social group.	Analyzes the meaning or significance of the behaviors, practices, institutions, and/or systems that define a society or social group.	Explains the behaviors, practices, institutions, and/or systems that define a society or social group.	Identifies behaviors, practices, institutions, and/or systems that define a society or social group.	Does not identify behaviors, practices, institutions, and/or systems that define a society or social group.
LO2: Explains concepts or methods that are used in analyzing societies or social groups.	Applies concepts or methods to an analysis of societies or social groups.	Explains concepts or methods that are used in analyzing societies or social groups.	Identifies concepts or methods that are used in analyzing societies or social groups.	Does not identify concepts or methods that are used in analyzing societies or social groups.
LO3: Explains social institutions and social interactions	Analyzes the meaning or significance of social institutions and social interactions.	Explains social institutions and social interactions.	Identifies social institutions and social interactions.	Does not identify social institutions and social interactions.
		Levels are implication	nal	A "not submitted" column is also included in

Partially meets

Does not meet

your Canvas rubric.

SI Learning Outcomes

# DEI RUBRIC GLOSSARY

The definitions were developed to clarify terms and concepts as used in this rubric only.

**Diversity** – the presence of people from different social and ethnic backgrounds or demographic groups (e.g., age, gender, sexual orientation, education level, etc.).

**Equity** – fair and just access to resources, opportunity, and experience for all individuals and groups.

**Inclusion** – creation, fostering, and sustaining of practices, policies, and conditions that ensure that all members of a community are accepted and valued for their unique personalities and perspectives.

**Cultural values** – a set of principles or values that define what members of a community consider to be "right" or "good".

**Prejudice** – a preconceived opinion, idea, or belief based on insufficient information.

Side note: DEI is focused on the US context. Global Learning (GL) has some overlap but is focused outside of the US.

DEI Learning Outcomes		Partially m		eets	Does not meet	
(The student)	Exceeds expectations	Meets expectations	expectation	ons	expectations	
LO1: Explains current diversity, equity, or inclusion issues within the context of U.S. history, institutions, practices, or policies.	Analyzes current diversity, equity, or inclusion issues within the context of U.S. history, institutions, practices, or policies.		Identifies current diversity, equity, or inclusion issues within the context of U.S. history, institutions, practices, or policies.		Does not identify current diversity, equity, or inclusion issues within the context of U.S. history, institutions, practices, or policies.	
LO2: Explains how cultural values and prejudices influence individual or group behavior.	values and prejudices values and prejudices cultural values and prejudices influence individual or prejudices group behavior.		Identifies example cultural values and prejudices influen individual or group behavior.	d ce	Does not identify examples where cultural values and prejudices influence individual or group behavior.	
LO3: Explains the ethical and moral issues related to diversity, equity, or inclusion present in complex domestic (U.S.) situations.	Analyzes the ethical and moral issues related to diversity, equity, or inclusion present in complex domestic (U.S.) situations.	inclusion present in complex domestic (U.S.)	Identifies the ethical and moral issues related to diversity, equity, or inclusion present in complex domestic (U.S.) situations.		Does not identify examples where the ethical and moral issues related to diversity, equity, or inclusion are present in complex domestic (U.S.) situations.	
LO4: Explains strategies that promote diversity, equity, or inclusion at the local or national level.	Analyzes strategies that promote diversity, equity, or inclusion at the local or national level.	Explains strategies that promote diversity, equity, or inclusion at the local or national level.		, equity,	Does not identify strategies that promote diversity, equity, or inclusion at the local or national level.	
Levels are implicational  A "not submitted" column is also included in your Canvas rubric.						

# QE RUBRIC GLOSSARY

The definitions were developed to clarify terms and concepts as used in this rubric only.

**Communicate** - Express quantitative information through oral, written, or graphical form.

**Mathematical forms** - Modes of representing numerical and quantitative information (equations, graphs, diagrams, tables, words, etc.).

**Mathematical or symbolic computation** - Process for calculating or determining the solution to a problem.

**Multistep problem** - A problem requiring the use of different operations in sequence.

**Quantitative evidence** - Numerical or quantitative information used to support conclusions.

**Real-world information** - Everyday situations which can be understood through mathematical or logical reasoning.

QE Learning Outcomes (The student) Exceeds expectations		Meets expectations	Partially meets expectations	Does not meet expectations		
LO1: Converts real- world information into appropriate mathematical form.	<b>Justifies</b> the mathematical form chosen for representing real-world information.	Converts real-world information into appropriate mathematical form without errors.	Converts real-world information into appropriate mathematical form but with errors.	<b>Does not convert</b> real-world information into appropriate mathematical form.		
LO2: Performs mathematical or symbolic computations relevant to a multistep problem.	underlying particular	Performs mathematical or symbolic computations relevant to a multistep problem without errors.	Performs mathematical or symbolic computations relevant to a multistep problem with some errors	Does not perform mathematical or symbolic computations relevant to a multistep problem.		
<b>LO3:</b> Draws reasonable conclusions based on quantitative evidence.	conclusions based on	Draws <b>reasonable</b> conclusions based on quantitative evidence.	Draws incorrect conclusions based on quantitative evidence.	Does not draw reasonable conclusions based on quantitative evidence.		
LO4: Communicates arguments or interpretations supported by quantitative evidence	arguments or interpretations supported by a synthesis of quantitative evidence.	Communicates arguments or interpretations and provides supporting quantitative evidence.	Communicates arguments or interpretations and quantitative evidence but the evidence does not support them.	Does not communicate an argument or interpretation supported by quantitative evidence.		
		Levels are implicational		"not submitted" column is also cluded in your Canvas rubric.		

# SELECTING ASSIGNMENTS FOR GEN ED ASSESSMENT

- Summative (end-of-learning) assignments, not formative (learning-in-progress) assignments
- Think about the instructions for the course assignments on your syllabus or the sections/questions on your tests and quizzes. Which ones ask students to perform the behaviors in each outcome? Creating a map or blueprint can help you identify a strategic option:

	Essay 3	HW 5	Final Exam
LO1	-	#1-4,7-10	Section 4, part B
LO <sub>2</sub>	All	All	Sections 1, 3

- Of the course assignments that you mapped to each learning outcome, which elicit <u>at least</u> the "Meets expectations" level of performance on the Gen Ed rubric?
  - You may need to consider tweaking a course assignment to elicit that level.

# SI SAMPLE ASSIGNMENT: FINAL ESSAY

**LO1:** Explain the behaviors, practices, institutions, and/or systems that define a society or social group.

**LO2:** Explain concepts or methods that are used in analyzing societies or social groups.

LO3: Explain social institutions and social interactions.

**Prompt**: Building on your thematic response papers, use the readings we have covered so far to answer the following question: [WHY LO2] AND [HOW DO STATES FORM LO1]? [WHAT ROLE DO STATES PLAY IN "MEDIEVAL" AFRICA LO3]?

- Papers should have a well-developed argument (NOT a descriptive thesis) and should use evidence and examples from the readings to support their argument.
- Papers should include citations for all information obtained or learned from other sources.
- Students are ONLY allowed to use readings assigned in class.

- You should not rely on lecture notes to make your argument.
- Your paper should be thoroughly rooted in the texts we have read together. No outside sources are allowed.
- Papers should be 4-5 pages.

## DEI SAMPLE ASSIGNMENT: DISCUSSION BOARD PROMPTS

**LO1:** Explain current DEI issues within the context of US history, institutions, practices, or policies.

**LO2:** Explain how cultural values and prejudices influence individual or group behavior.

**LO3:** Explain the ethical and moral issues related to DEI present in complex domestic (US) situations

**LO4:** Explain strategies that promote DEI at the local or national level.

Prompt #1: In "Why Don't Dystopias Know How to Talk About Race?" Angelica Jade Bastién argues that dystopian fictions largely ignore the place of race within their narratives. [What are the problems of doing this? How do you see this manifesting in representations of dystopias you are familiar with? LO2] [How can we push back against this? LO4]

Prompt #2: According to Alexandra Alter in "How Feminist Dystopian Fiction Is Channeling Women's Anger and Anxiety," "one of the things about looking at the world through a feminist lens is that we are already in a dystopia." Do you agree or disagree with her assessment? [ How do you see this quotation manifesting itself in our current climate? LO3]

Prompt #3: Very early in Born in Flames, Honey begins her radio station by stating: "A station not only for the liberation of women, but for the liberation of all." [ How does the society depicted harm all citizens, not only women? You may want to also consider some of the displays of intersectionality we've discussed. How does this society unequally harm Black women and white women, for example? LO1]

# QE SAMPLE ASSIGNMENT: STATISTICS PROBLEM

**LO1:** Convert real-world information into appropriate mathematical form.

**LO2:** Perform mathematical or symbolic computations relevant to a multistep problem.

LO3: Draw reasonable conclusions based on quantitative evidence.

**LO4:** Communicate arguments or interpretations supported by quantitative evidence.

# The table below shows the number of people living in a house and the weight (in pounds) at the curb just before trash pickup.

People	2	3	6	1	7	1	3	1	2	4
Trash (lbs)	18	33	93	23	83	26	37	20	22	45

- [Draw and describe a scatterplot of the number of people in a house versus the weight of their trash. LO1]
- [Find the correlation coefficient, r. LO2] [Is this value plausible for the given data set? What does it tell us about our data set? LO3]
- [What is r² and what does it mean with respect to our data? LO4]

- [Find the least squares regression line. LO2]
- [What does the slope mean in the above context? LO<sub>4</sub>]
- If we have 5 people living in a house, [what can we predict their trash to weigh before it is picked up? LO2] [Is this an extrapolation? Justify your answer. LO3]
- If we have 85 people living in a house, [what can we predict their trash to weigh before it is picked up? LO2] [Is this an extrapolation? Explain your answer. LO3]

## ASSIGNMENT SELECTION REMINDERS

- Your assignment(s) must elicit at least the "Meets expectations" level.
- The levels of rubric are implicational, so assignments that elicit the "Meets" and "Exceeds" levels can typically capture performance at the lower levels as well, which is ideal.
- The assignment(s) should be selected from ones given toward the end of the semester to reflect the full sum of your students' learning rather than only part of it.

# AFTER TODAY'S WORKSHOP: SCORE SAMPLE RESPONSES

Try using your Gen Ed rubric to score former students' responses. Comparing examples of actual students' responses can help differentiate performance across the rubric's levels and identify needed adjustments to the assignment's design.

As you review student samples, ask yourself:

- Do students actually perform or demonstrate the learning outcomes that the assignment was meant to elicit?
  - a. If not, what modifications to the assignment (or what other assignment) might work better?
- 2. What kind, amount, or quality of information differentiates a response at the "Meets" level from the "Exceeds" level? What differentiates "Meets" from "Partially meets"?

## USING THE RUBRIC IN CANVAS

- Log in to your course/section(s) through Academica or directly at <a href="https://canvas.wayne.edu">https://canvas.wayne.edu</a>
- Navigate to the Modules section of your Gen Ed course
- Find the module for Gen Ed Assessment. (Contact gened@wayne.edu if you can't find it.)

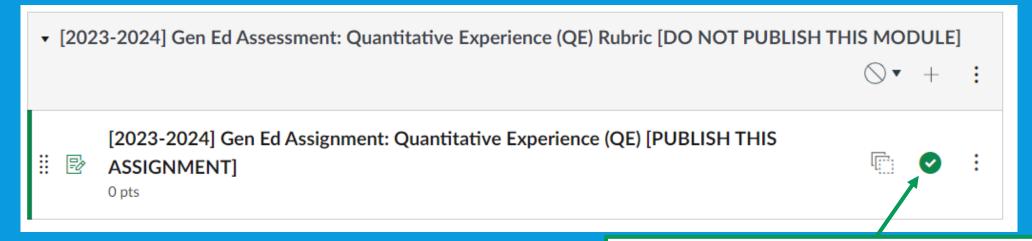
The circle/slash icon indicates that the module is not published. This is intentional. Please do not change it.

▼ [2023-2024] Gen Ed Assessment: Quantitative Experience (QE) Rubric [DO NOT PUBLISH THIS MODULE]



### NAVIGATE TO THE GEN ED ASSIGNMENT

• Open the module for *General Education Assessment* to see the assignment.



The green check mark indicates that the Canvas assignment is published, but students will not see the scores you enter and the assessment data will not appear in their final grades because the module is hidden. The Canvas **assignment** must be published for SpeedGrader to work.

# CANVAS ASSIGNMENT DESCRIPTION: INSTRUCTOR VIEW

- Click on the Canvas assignment title to open it.
  - GEOC has not created an activity for your students to complete.
  - Instead, the Canvas assignment is just a placeholder. It has instructions for how to use a course assignment for Gen Ed assessment, too.

This assignment does not count toward the final grade.

[2023-2024] Gen Ed Assignment: Quantitative Experience (QE) [PUBLISH THIS ASSIGNMENT]



\*\*\*PLEASE DO NOT MODIFY THIS ASSIGNMENT IN ANY WAY. IT IS FOR GEN ED ASSESSMENT ONLY AND WILL NOT AFFECT YOUR COURSE GRADES \*\*\*

Dear instructor:

Your course is part of Wayne State's <u>General Education program</u>; it is designated as a Quantitative Experience (QE) course. In Fall 2023 and Winter 2024, all QE courses are required to participate in the General Education Oversight Committee's (<u>GEOC</u>) assessment of Gen Ed student learning outcomes, a <u>process</u> collaboratively developed by the GEOC with faculty, staff, and student input.

The GEOC, charged by the provost to oversee the entire General Education program, needs instructors to provide assessment data to determine how well our General Education program is fulfilling its learning outcomes and making continued improvement.

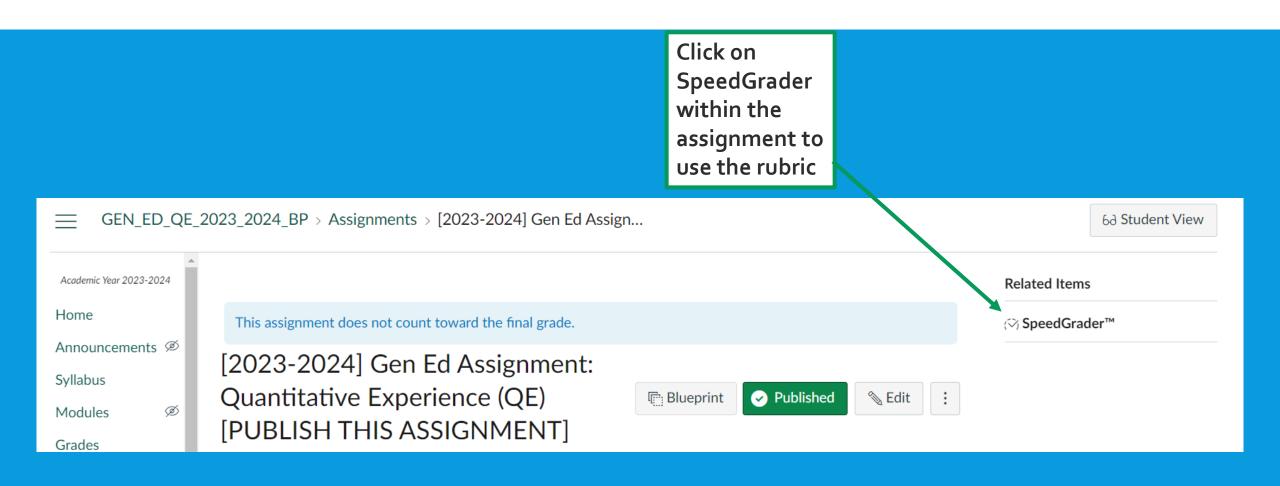
Your part in the process is simple. As the instructor and subject matter expert, you will select at least one assignment from your syllabus that elicits the QE learning outcomes. (Workshops and an online presentation are available to help you select appropriate assignments.) In addition to grading that assignment as part of students' course grade, you will also score it using the relevant Gen Ed rubric attached to this Canvas assignment. (You can preview the rubric and glossary of key terms in the full rubric; the glossary is not displayed in Canvas.)

This Canvas assignment is not a graded assignment, and the students' scores will not affect their course grade. The assignment exists only for the purpose of collecting assessment data for the General Education program.

For instructions on how to submit your Gen Ed assessment data using this Canvas assignment, please read the following instructions:

- · To get to the rubric scoring interface:
  - Click the SpeedGrader link on the right side of this assignment. (See instructions with screen shots.)

## USE SPEEDGRADER TO ACCESS THE RUBRIC



Pts

2

2

/ 3 pts

/ 3 pts





This student does not have a submission for this assignment

This message will appear for every student because they won't directly attach their work to this Canvas assignment.

#### Grading

<b>G</b>				
2021-2022 Gen Ed Assessn	nent: Cultural Inqu	uiry (CI)		
Criteria	Ratings			
(E) LO1: Explain basic concepts in artistic or humanistic analysis threshold: 2	3 pts (High) Applies different concepts in artistic or humanistic analysis	2 pts (Moderate) Explains basic concepts in artistic or humanistic analysis	1 pts (Low) Identifies basic concepts in artistic or humanistic analysis	0 pts (No) Unable to identify basic concepts in artistic or humanistic analysis
(E) LO2: Analyze an artistic practice, cultural form, artifact, or philosophical idea threshold: 2	3 pts (High) Interprets an artistic practice, cultural form, artifact, or philosophical idea	2 pts (Moderate) Analyzes elements of an artistic practice, cultural form, artifact, or philosophical idea	Lpts (Low) Describes an artistic practice, cultural form, artifact, or philosophical idea	Click on in the ru outcome bottom you're d (Do not score instant)
( LO3: Compare artistic practices, cultural forms, artifacts, or philosophical ideas threshold: 2	3 pts (High) Interprets similarities and differences across multiple artistic practices, cultural forms, artifacts, or philosophical ideas	2 pts (Moderate) Compares similarities and differences across multiple artistic practices, cultural forms, artifacts, or philosophical ideas	1 pts (Low) Identifies different types of artistic practices, cultural forms, artifacts, or philosophical ideas	different artistic practices, cultural forms, artifacts, or philosophical ideas

outcome the relevant score ubric for each e. Click SAVE at the of the rubric when lone. enter a numeric stead of clicking a

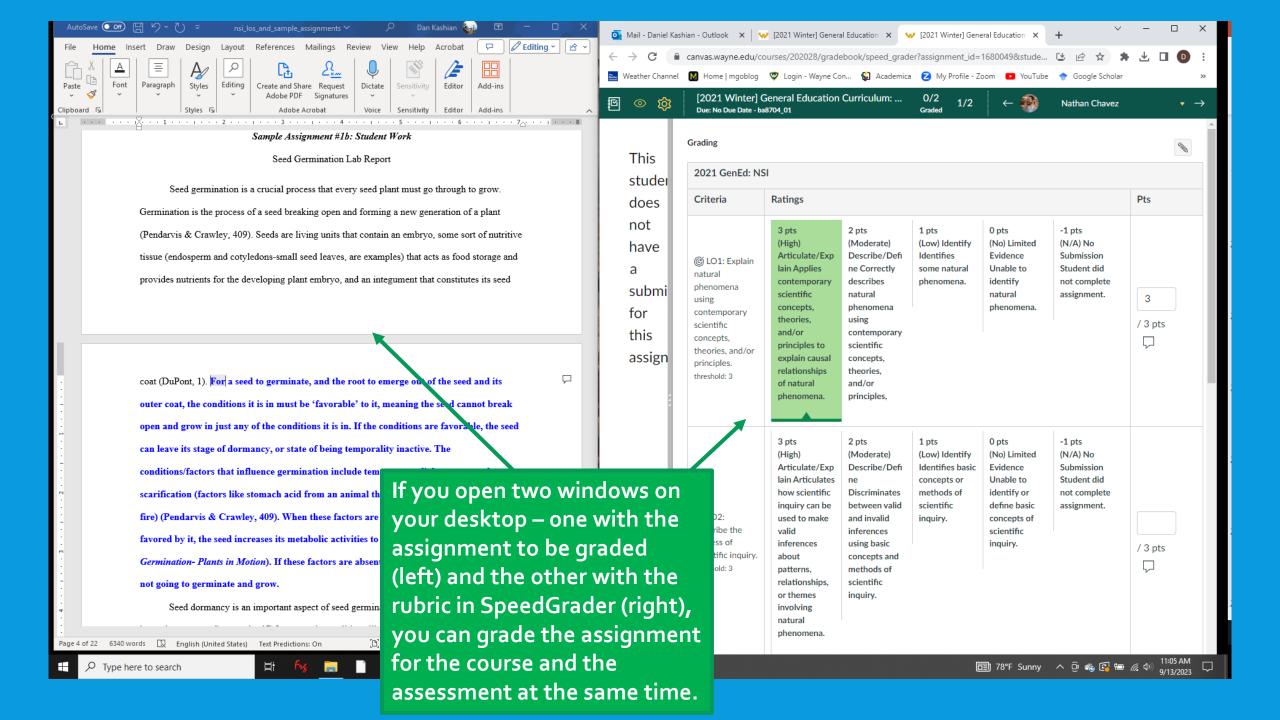
> relevant work for this

outcome

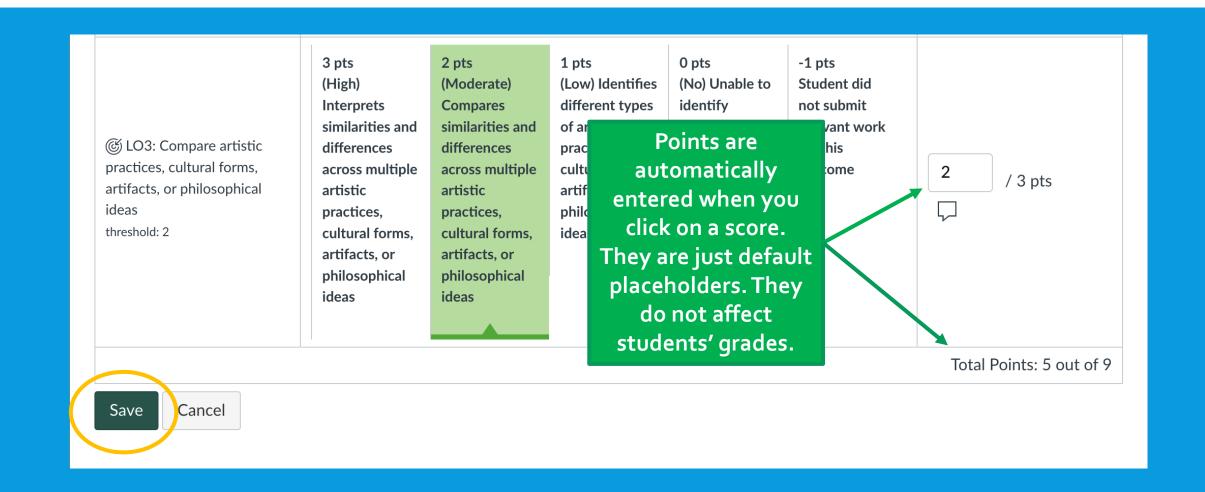
-1 pts Student did

not submit

relevant work for this



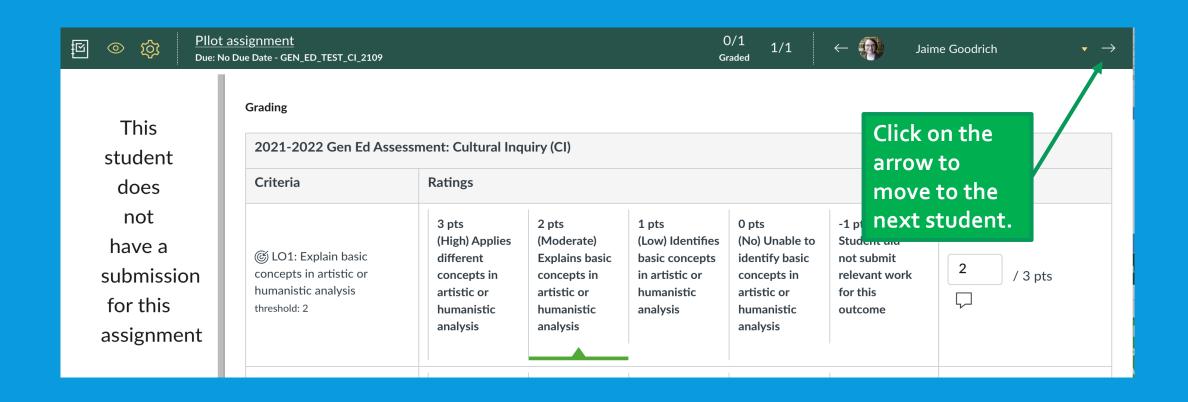
# SAVE AFTER EACH STUDENT; IGNORE POINTS



# CONFIRMATION OF STUDENT SCORES



# MOVE TO THE NEXT STUDENT

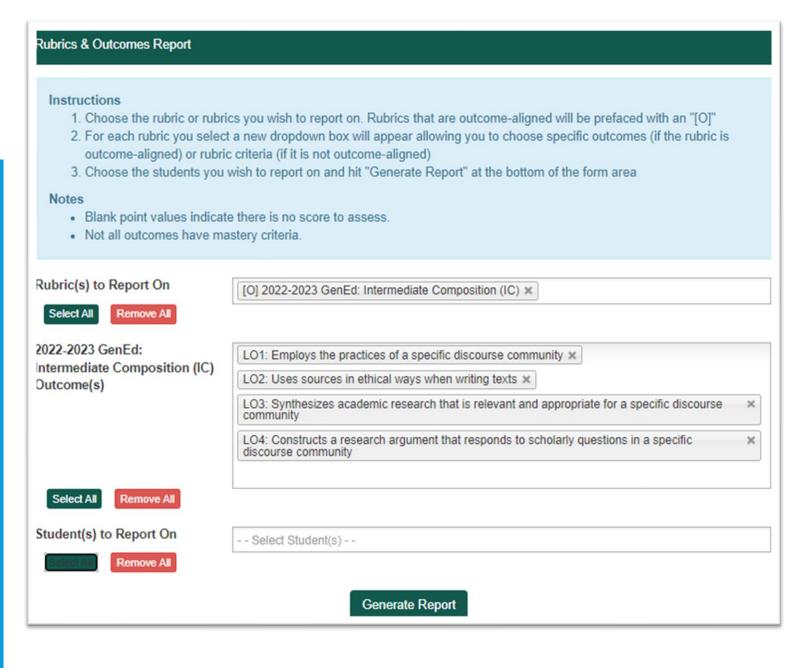


When you're done with the last student, close the SpeedGrader window.

# TO CHECK THAT YOUR SCORES WERE SUCCESSFULLY SUBMITTED

# Generate a Rubrics and Outcomes Report:

- 1. Go to Course Tools
- 2. Select "Export Outcomes"
- 3. Select the relevant rubric, outcomes, and students for your report
- 4. Click "Generate Report"



## ASSIGNMENTS THAT DON'T USE RUBRICS

While we highly recommend directly scoring an assignment with the rubric, we know that not all courses give assignments that work with rubric scoring. Large classes with multiple choice exams only would be one example.

To address this situation, GEOC has created an alternate assessment option that still uses a course assignment, but scores are submitted in Excel. To begin:

- 1. "Blueprint" or "map" your assignment
  - Which items or sections elicit evidence of each Gen Ed learning outcome at the "Meets expectations" level or higher?
  - Do you have at least 3 items/questions for each LO?
- 2. Identify a range of scores on the items for each learning outcome that corresponds to each level of the rubric.

# 1. BLUEPRINTING/MAPPING EXAMPLE (CI)

- 1. When art historians speak about *composition* in painting, what are they talking about?
- a. the actions and expressions of the figures on the canvas
- b. the materials the painting is made with
- c. the story being told in the painting
- d. the way the figures and objects are arranged on the canvas
- 2. Which one of these meanings or ideas is NOT covered by the concept of *disegno*?
- a. making art look more naturalistic
- b. design
- c. drawing
- d. turning an abstract idea into art

CI Learning Outcome	Exceeds expectations			Does not meet
LO1: Explain basic concepts in artistic or humanistic analysis.	Applies different concepts in artistic or humanistic analysis.	Explains basic concepts in artistic or humanistic analysis.	Identifies basic concepts in artistic or humanistic analysis.	Unable to identify basic concepts in artistic or humanistic analysis.

#### Good question selection, but...

While these questions reach at least the "Meets" level, having only 2 questions will only result in 3 possible scores (100%, 50% and 0%), so would not correspond to the 4 levels of the rubric. Be sure to have at least 3 questions per outcome, but more is better!

## 2. IDENTIFY A RANGE OF SCORES

- Use your expert judgment to identify a range of scores that corresponds to each level of the rubric.
  - e.g., "Meets" performance = Scores from 75% to 90% on \*relevant questions/items

Learning Outcome	Exceeds expectations (3 pts)	Meets expectations (2 pts)	Partially meets expectation (1 pt)	Does not meet expectations (o pts)
Score range:	91%-100%	75%-90%	60%-74%	<60%
<b>LO1:</b> Explain basic concepts in artistic or humanistic analysis.	Applies different concepts in artistic or humanistic analysis.	Explains basic concepts in artistic or humanistic analysis.	Identifies basic concepts in artistic or humanistic analysis.	Unable to identify basic concepts in artistic or humanistic analysis.

After setting these ranges, convert students' scores into the rubric levels and submit those results in the Gen Ed Excel template. (e.g., 93% = 3 pts on rubric)

# SUBMITTING SCORES IN EXCEL

WAYNE STATE UNIVERSITY		Final BC Assessment Scores					
Instructor's Name:		Student Name	Student ID	LO1 Score	LO2 Score	LO3 Score	LO4 Score
Instructor's Access ID:							
Course Number:							
CRN:							
Semester:							
Scale for Scores:							
3 = Exceeds expectations							
2 = Meets expectations							
1 = Partially meets expectations							
0 = Does not meet expectations							
-1 = Student did not submi	t assessment assignment						

- Use the GEOC Excel template to report your assessment data.
  - Instructions in a separate tab

• Contact <u>gened@wayne.edu</u> to request the template or ask questions.

# GETTING INDIVIDUAL ITEM SCORES FROM CANVAS: STUDENT ANALYSIS REPORT

- 1. Click on the quiz in Canvas
- 2. Click on *Quiz Statistics*
- 3. Click on **Student Analysis**

- 4. Use Excel to calculate the number of:
  - correct answers
  - students in each score range for the rubric performance levels

Section	Section_id	Submitted	Attempt	Question 1 (ID and stem)	Points possible	Question 2 (ID and stem)	Points possible
Fall 2018 American Govt System Sec 003	CRN	date/time	1	student 1 response	student 1 score	student 1 response	student 1 score
Fall 2018 American Govt System Sec 003	CRN	date/time	1	student 2 response	student 2 score	student 2 response	student 2 score

## WANT FEEDBACK OR MORE HELP?

- You can request individual feedback or a consultation!
  - General Education Assessment (Email: gened@wayne.edu)
  - Office for Teaching and Learning (<u>otl.wayne.edu</u>)
- The General Education Program Assessment website has information about other aspects of assessment as well.
- SI, DEI, and QE instructors can <u>self-enroll</u> in a Canvas training course for Gen Ed assessment where you will be able to access this information.



 Questions about Canvas should be directed to <a href="mailto:lmsadmin@wayne.edu">lmsadmin@wayne.edu</a>.