

Integration: Synthesize and apply theoretical and practical perspectives from multiple disciplines to develop an understanding of complex issues

*In this rubric, the skills of *integration* evolve from left to right across the rubric.*

The student demonstrates the ability to:

	Disciplinarity	Synthesization
Beginning	Identify a single discipline's theories and/or methodological approaches	Summarize a single perspectives and/or contributions on a complex issue
Developing	Compare at least two disciplines' theories and/or methodological approaches	Compare perspectives and/or contributions of a complex issue
Advanced	Combine at least two disciplines' theories and/or methodological approaches	Synthesize perspectives and/or contributions of a complex issue
No Evidence		

- Should the single/multiple be represented across the rubric?
- Can students pull in multiple approaches from one discipline, or should interdisciplinarity be foremost?
- Should application be a thing? Can a rubric be a 2X3?

~~Questions: does the perspective need to be explicitly named?~~

Column 1 advanced: Don't want in this discipline we know this, in this discipline we know that....

Column 3- doesn't require multiple disciplines to apply the column at all for first

0: No evidence

0.1: Because the assignment did not clearly ask for a demonstration

0.2: Because the student did not engage this aspect, although asked to

using their own voice/limited use of jargon

Multidisciplinarity is part of integration, integration is part of idea development== hence

Apply Disc comes before Idea Development

Summary to Comparison to Synthesis

Is important to recognize the difference

Beginning Students synthesize and apply theoretical and practical perspectives from multiple disciplines but show **little understanding** of a complex issue.

Developed Students synthesize and apply theoretical and practical perspectives from multiple disciplines **to develop** understanding of a complex issue.

Advanced: Students synthesize and apply theoretical and practical perspectives from multiple disciplines and demonstrate **a deep understanding** of a complex issue.

How concrete vs how abstract is the connection between disciplines

Moving towards a synthesis by creating a new idea through combination of other components

Students should move from: Summary to Comparison to Synthesis

Abstract vs Concrete

Use multiple disciplines vs develop an understanding vs theoretical/abstract

Moving beyond definitions and into the abstract

Using both practical and theoretical applications

- making connections, whereas making comparisons- Idea development?

Measuring synthesis of the idea- how well do you understand a/the complex issue

Here's the multidisciplinary toolbox- did they just apply/use the tools or did they realize the complexity of the idea

Use understandings from different individual disciplines and how it applies to a bigger problem; generate more complex questions, ideas, and solutions by utilizing ideas from multiple disciplines; there should be multi-pronged ideas/solutions

Do they understand a complex idea vs can they develop a complex idea (synthesis)

Using multidisciplines = perspectives from outside disciplines

Can it be different sub-fields of a discipline? (vs multiple disciplines)- agreed that it can be subfields