

Broad Integrative Knowledge (Literature Review) Assessment Data

Blue = Update every few years and/or when something changes that would impact the documents.

Green = Update annually

Learning Outcome:

Broad Integrative Knowledge:

- Articulates how the field of study has developed in relation to other major domains of inquiry and practice.
- Designs and executes an applied, investigative or creative work that draws on the perspectives and methods of other fields of study and assesses the resulting advantages and challenges of including these perspectives and methods.
- Articulates and defends the significance and implications of the work in the primary field of study in terms of challenges and trends in a social or global context.

Outcome Measure:

GED 689 Final Project

Criteria for Success (how do you judge if the students have met your standards):

Literature Review: Score of (3) out of possible (4) points on rubric.

Aligned with DQP Learning Areas (circle one or more but not all five):

1. Specialized Knowledge
2. **Broad Integrative Knowledge**
3. Intellectual Skills/Core Competencies
4. Applied and Collaborative Learning, and
5. Civic and Global Learning

Longitudinal Data:

Mission Valley:

MV 2015 - 2016 GED 689 W Data							
Group Name	Rubric Criteria	DRF Name	Authors evaluated	Average for Group (Raw)	Average for Group (%)	Median for Group	Standard Deviation
GED 689 Written	(Broad and Integrative Knowledge, DQP 2)	MA - Counseling & Guidance	1	4.00	100	4	0
GED 689 Written	(Broad and Integrative Knowledge, DQP 2)	MA - Ed Leadership (1.31.12)	0				
GED 689 Written	(Broad and Integrative Knowledge, DQP 2)	MA - Special Education	7	4.00	100	4	0
GED 689 Written	(Broad and Integrative Knowledge, DQP 2)	MA - Teaching and Learning	9	3.78	94.44	4	0.44
GED 689 Written	(Broad and Integrative Knowledge, DQP 2)	MAT - Multiple Subject	9	3.94	98.61	4	0.17
Overall Average				3.93	97.68333333	4	0.61
				Out of 4.00			

MV 2016 -2017 GED 689 W Data ☆

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Group Name	Rubric Criteria	DRF Name	Authors evaluated	Average for Group (Raw)	Average for Group (%)	Median	Standard Deviation for Group
GED 689 Written	(Broad and Integrative Knowledge, DQP 2)	MA - Counseling & Guidance	25	3.76/4	94	4	0.44
GED 689 Written	(Broad and Integrative Knowledge, DQP 2)	MA - Ed Leadership (1.31.12)	0				
GED 689 Written	(Broad and Integrative Knowledge, DQP 2)	MA - Special Education	11	3.82/4	95.45	4	0.44
GED 689 Written	(Broad and Integrative Knowledge, DQP 2)	MA - Teaching and Learning	14	3.84/4	95.98	4	0.38
GED 689 Written	(Broad and Integrative Knowledge, DQP 2)	MAT - Multiple Subject	16	3.63/4	90.63	4	0.49
Overall Average				3.76 (out of 4.00)	94.015	4	0.4375

MV 2017 -2018 GED 689 W Data ☆

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Group Name	Rubric Criteria	DRF Name	Authors evaluated	Average for Group (Raw)	Average for Group (%)	Median for Group	Standard Deviation for Group
GED 689 Written	(Broad and Integrative Knowledge, DQP 2)	MA - Counseling & Guidance	30	3.79/4	94.67	4	0.4
GED 689 Written	(Broad and Integrative Knowledge, DQP 2)	MA - Ed Leadership (1.31.12)	1	4.00/4	100	4	0
GED 689 Written	(Broad and Integrative Knowledge, DQP 2)	MA - Special Education	13	3.85/4	96.15	4	0.38
GED 689 Written	(Broad and Integrative Knowledge, DQP 2)	MA - Teaching and Learning	16	3.62/4	90.47	3.95	0.46
GED 689 Written	(Broad and Integrative Knowledge, DQP 2)	MAT - Multiple Subject	14	3.79/4	94.64	4	0.37
Overall Average				3.81 (out of 4.00)	95.186	3.99	0.322

MV 2018 -2019 GED 689 W Data ☆

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Group Name	Rubric Criteria	DRF Name	Authors evaluated	Average for Group (Raw)	Average for Group (%)	Median for Group	Standard Deviation for Group
GED 689 Written	(Broad and Integrative Knowledge, DQP 2)	MA - Counseling & Guidance	24	3.54/4	88.47	3.64	0.46
GED 689 Written	(Broad and Integrative Knowledge, DQP 2)	MA - Ed Leadership (1.31.12)	0				
GED 689 Written	(Broad and Integrative Knowledge, DQP 2)	MA - Special Education	7	3.50/4	87.5	3.7	0.41
GED 689 Written	(Broad and Integrative Knowledge, DQP 2)	MA - Teaching and Learning	11	3.44/4	85.91	3.3	0.46
GED 689 Written	(Broad and Integrative Knowledge, DQP 2)	MAT - Multiple Subject	14	3.69/4	92.23	3.9	0.41
Overall Average				3.54 (out of 4.00)	88.53	3.64	0.44

Bakersfield:

BK 2015-2016 GED 689 W Data ☆

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Group Name	Rubric Criteria	DRF Name	Authors evaluate	Average for Group (Raw)	Average for Group (%)	Median	Standard Deviation
GED 689 Written	(Broad and Integrative Knowledge, DQP 2)	MA - Counseling & Guidance	0				
GED 689 Written	(Broad and Integrative Knowledge, DQP 2)	MA - Ed Leadership (1.31.12)	0				
GED 689 Written	(Broad and Integrative Knowledge, DQP 2)	MA - Special Education	6	3.50/4	87.5	4	0.84
GED 689 Written	(Broad and Integrative Knowledge, DQP 2)	MA - Teaching and Learning	9	3.67/4	91.67	4	0.5
GED 689 Written	(Broad and Integrative Knowledge, DQP 2)	MAT - Multiple Subject	4	3.50/4	87.5	3.5	0.58
Overall Average				3.55 (out of 4.00)	88.89	3.833333333	0.64

BK 2016 -2017 GED 689 W Data ☆

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Group Name	Rubric Criteria	DRF Name	Authors evaluated	Average for Group (Raw)	Average for Group (%)	Median	Standard Deviation for Group
GED 689 Written	(Broad and Integrative Knowledge, DQP 2)	MA - Counseling & Guidance	0				
GED 689 Written	(Broad and Integrative Knowledge, DQP 2)	MA - Ed Leadership (1.31.12)	0				
GED 689 Written	(Broad and Integrative Knowledge, DQP 2)	MA - Special Education	9	3.67/4	91.67	4	0.5
GED 689 Written	(Broad and Integrative Knowledge, DQP 2)	MA - Teaching and Learning	10	3.80/4	95	4	0.42
GED 689 Written	(Broad and Integrative Knowledge, DQP 2)	MAT - Multiple Subject	8	3.63/4	90.63	4	0.52
Overall Average				3.7 (out of 4.00)	92.43333333	4	0.48

BK 2017 -2018 GED 689 W Data ☆ SHARE

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1	BK 2017 - 2018 GED 689 W Data							
2	Group Name	Rubric Criteria	DRF Name	Authors evaluated	Average for Group (Raw)	Average for Group (%)	Median for Group	Standard Deviation for Group
3	GED 689 Written	(Broad and Integrative Knowledge, DQP 2)	MA - Counseling & Guidance	0				
4	GED 689 Written	(Broad and Integrative Knowledge, DQP 2)	MA - Ed Leadership (1.31.12)	3	3.83/4	95.83	4	0.29
5	GED 689 Written	(Broad and Integrative Knowledge, DQP 2)	MA - Special Education	5	3.80/4	95	4	0.45
6	GED 689 Written	(Broad and Integrative Knowledge, DQP 2)	MA - Teaching and Learning	6	3.67/4	91.67	4	0.52
7	GED 689 Written	(Broad and Integrative Knowledge, DQP 2)	MAT - Multiple Subject	7	3.86/4	96.43	4	0.38
8	Overall Average				3.79 (out of 4.00)	94.7325	4	0.41

BK 2018 -2019 GED 689 W Data ☆ SHARE

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1	BK 2018 - 2019 GED 689 W Data							
2	Group Name	Rubric Criteria	DRF Name	Authors evaluated	Average for Group (Raw)	Average for Group (%)	Median for Group	Standard Deviation for Group
3	GED 689 Written	(Broad and Integrative Knowledge, DQP 2)	MA - Counseling & Guidance	0				
4	GED 689 Written	(Broad and Integrative Knowledge, DQP 2)	MA - Ed Leadership (1.31.12)	3	4.00/4	100	4	0
5	GED 689 Written	(Broad and Integrative Knowledge, DQP 2)	MA - Special Education	2	4.00/4	100	4	0
6	GED 689 Written	(Broad and Integrative Knowledge, DQP 2)	MA - Teaching and Learning	0				
7	GED 689 Written	(Broad and Integrative Knowledge, DQP 2)	MAT - Multiple Subject	9	3.89/4	97.22	4	0.33
8	Overall Average				3.96 (out of 4.00)	99.07	4	0.11

Aggregated Data:

2015 - 2016 GED 689 W Aggregated Data ☆ SHARE

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1	2015 - 2016 GED 689 W Aggregated Data							
2	Group Name	Rubric Criteria	DRF Name	Authors evaluated	Average for Group (Raw)	Average for Group (%)	Median	Standard Devi. for Group
3	GED 689P Written	(Broad and Integrative Knowledge, DQP 2)	MA - Counseling & Guidance	2	4	100	4	0
4	GED 689P Written	(Broad and Integrative Knowledge, DQP 2)	MA - Special Education	15	3.8	95	4	0.56
5	GED 689P Written	(Broad and Integrative Knowledge, DQP 2)	MA - Teaching and Learning	18	3.72	93.06	4	0.46
6	GED 689P Written	(Broad and Integrative Knowledge, DQP 2)	MAT - Multiple Subject	15	3.83	95.83	4	0.36
7	GED 689P Written	(Broad and Integrative Knowledge, DQP 2)	MAT - Single Subject (Rev. 8/2011)	14	3.71	92.86	4	0.47
8	GED 689P Written	(Broad and Integrative Knowledge, DQP 2)	MAT - SPED Intern Moderate/Severe (2.16.12)	1	3	75	3	0
9	GED 689P Written	(Broad and Integrative Knowledge, DQP 2)	MAT - SPED Traditional Mild/Moderate (Rev. 8.30.11)	8	3.88	96.88	4	0.35
10	GED 689P Written	(Broad and Integrative Knowledge, DQP 2)	MAT - SPED Traditional Moderate/Severe (Rev. 8.30.11)	1	4	100	4	0
11	Overall Average				3.74 (out of 4.00)	93.57875	3.875	0.275

2016 - 2017 GED 689 W Aggregated Data ☆ SHARE

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1	2016 - 2017 GED 689 W Aggregated Data							
2	Group Name	Rubric Criteria	Folio Area	Authors evaluated	Average for Group (Raw)	Average for Group (%)	Median	Standard Devi. for Group
3	GED 689 Written	(Broad and Integrative Knowledge, DQP 2)	MA - Counseling & Guidance	25	3.76/4	94	4	0.44
4	GED 689 Written	(Broad and Integrative Knowledge, DQP 2)	MA - Ed Leadership (1.31.12)	0				
5	GED 689 Written	(Broad and Integrative Knowledge, DQP 2)	MA - Special Education	20	3.75/4	93.75	4	0.44
6	GED 689 Written	(Broad and Integrative Knowledge, DQP 2)	MA - Teaching and Learning	24	3.82/4	95.57	4	0.38
7	GED 689 Written	(Broad and Integrative Knowledge, DQP 2)	MAT - Multiple Subject	25	3.64/4	91	4	0.49
8	Overall Average				3.74 (out of 4.00)	93.58	4	0.4375

2017 - 2018 GED 689 W Aggregated Data ☆ SHARE

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1	2017 - 2018 GED 689 W Aggregated Data							
2	Group Name	Rubric Criteria	Folio Area	Authors evaluated	Average for Group (Raw)	Average for Group (%)	Median	Standard Deviation
3	GED 689 Written	(Broad and Integrative Knowledge, DQP 2)	MA - Counseling & Guidance	30	3.79/4	94.67	4	0.4
4	GED 689 Written	(Broad and Integrative Knowledge, DQP 2)	MA - Ed Leadership (1.31.12)	4	3.88/4	96.88	4	0.25
5	GED 689 Written	(Broad and Integrative Knowledge, DQP 2)	MA - Special Education	18	3.83/4	95.83	4	0.38
6	GED 689 Written	(Broad and Integrative Knowledge, DQP 2)	MA - Teaching and Learning	22	3.63/4	90.8	4	0.46
7	GED 689 Written	(Broad and Integrative Knowledge, DQP 2)	MAT - Multiple Subject	21	3.81/4	95.24	4	0.36
8	Overall Average				3.78 (out of 4.00)	94.684	4	0.37

	A	B	C	D	E	F	G	H
1	2018 - 2019 GED 689 W Aggregated Data							
2	Group Name	Rubric Criteria	Folio Area	Authors evaluated	Average for Group (Raw)	Average for Group (%)	Median	Standard Deviation
3	GED 689 Written	(Broad and Integrative Knowledge, DQP 2)	MA - Counseling & Guidance	24	3.54/4	88.47	3.64	0.46
4	GED 689 Written	(Broad and Integrative Knowledge, DQP 2)	MA - Ed Leadership (1.31.12)	3	4.00/4	100	4	0
5	GED 689 Written	(Broad and Integrative Knowledge, DQP 2)	MA - Special Education	9	3.61/4	90.28	3.75	0.42
6	GED 689 Written	(Broad and Integrative Knowledge, DQP 2)	MA - Teaching and Learning	11	3.44/4	85.91	3.3	0.46
7	GED 689 Written	(Broad and Integrative Knowledge, DQP 2)	MAT - Multiple Subject	23	3.77/4	94.18	4	0.38
8	Overall Average				3.67 (out of 4.00)	91.77	3.74	0.34

Conclusions Drawn from Data:

Aggregated data suggests scores dropped slightly from 2017-18 levels but remain well above the Criteria for Success. 2018-19 candidates' Literature Reviews averaged 3.67 (out of 4.00) on a measure of overall quality. This score places them closer to the "Exceeds Standards" area of the rubric than to "Meets Standard".

It should be noted the 2018-19 aggregates scores are the lowest in the last four years. MV score decreases drive this change. Three of the four MV programs with scores in 2018-19 were below 90%. The marks the first time in the last four years a program average was below 90%.

Changes to be Made Based on Data:

Responding to this data calls for learning whether the changes observed in the MV scores are a product of increased expectations, decreased performance or something else. Calibration work among the course instructors will help answer this question. Calibration meetings are scheduled for 9/7/19. Further, the foundational teaching on literature reviews takes place in GED689. This data will be shared with those instructors to ensure alignment between those that do the initial instruction and those that support students' applied work on the literature review.

Rubric Used

GED 689P Written Product

	Far Below Standard	Below Standard	Meets Standard	Exceeds Standard
Literature Review (Broad and Integrative Knowledge, DQP 2)	<ul style="list-style-type: none"> Few or no citations Less than 10 total sources Citations are not in the proper format 	<ul style="list-style-type: none"> 3 recent sources cited At least 10 total sources Some are relevant and credible Some citations are correctly made according to APA format 	<ul style="list-style-type: none"> 3 to 5 recent sources cited At least 20 total sources Most sources are relevant and credible Most citations are correctly made according to APA format 	<ul style="list-style-type: none"> 5 or more recent (5 years) sources cited At least 20 total sources All sources are relevant and credible All citations are correctly made according to APA format

Assessment Data Sample

Learning Outcome:

Mathematics Outcome #2: Students will be able to write proofs

Outcome Measure:

MTH242 Signature Assignment (each year)

Criteria for Success:

80% of the students to score a 2.5 or higher (on a scale of 1-4 with 1 being low) in each of the four areas:

- Statement of the problem
- Logic
- Symbolism
- Justification

Aligned with DQP Learning Areas (circle one or more but not all five):

1. Specialized Knowledge
2. Broad Integrative Knowledge
3. Intellectual Skills/Core Competencies
4. Applied and Collaborative Learning, and
5. Civic and Global Learning

Longitudinal Data:

	Percentage of Class at 2.5 or Higher			
	2011	2012	2013	2014
Statement of Problem	100%	100%	100%	100%
Logic	100%	88%	100%	100%
Symbolism	100%	100%	100%	100%
Justification	86%	75%	100%	83%

Conclusions Drawn from Data:

The one point of weakness seems to be in the area of the justification of the steps of the proof.

Changes to be Made Based on Data:

Continue to emphasize the fundamental importance of the need to justify each step of the proof in MTH242 and use this rubric to assess some of the early proof assignments in the class so that students have a clear indication that their lack of justification is weak point.

Rubric Used

Proof Writing Rubric (MTH242, MTH424, MTH444)

	Unsatisfactory	Low Satisfactory	High Satisfactory	Outstanding
Statement of the Problem	Can not determine what is given and what needs to be proved	Misses one part of the hypothesis or the conclusion	Makes one minor error in identifying hypothesis or conclusion	Understands what is given and what is to be proved
Logic	Proof has major flaws that make it invalid.	Proof misses more than one major element.	Proof has the main flow of the logic correct but misses one major element	Statements flow logically from one another
Symbolism	There are many errors in the use of symbolic notation	There are more than two errors in symbolic notation	There are two or fewer minor errors in symbolic notation (e.g. missing parentheses)	All symbols are used correctly
Justification	There are several errors in the justification	There is one major mistake in justification or more than two minor errors.	There are two or fewer minor errors in justification for the steps.	Every logical step has the appropriate reason (theorem, definition, lemma, etc.)