

Specialized Knowledge (Area of Focus) Assessment Data

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

Green = Update annually

Learning Outcome:

Specialized Knowledge: Elucidates the major theories, research methods and approaches to inquiry and schools of practice in the field of study, articulates their sources and illustrates both their applications and their relationships to allied fields of study.

Assesses the contributions of major figures and organizations in the field of study, describes its major methodologies and practices and illustrates them through projects, papers, exhibits or performances.

Articulates significant challenges involved in practicing the field of study, elucidates its leading edges and explores the current limits of theory, knowledge and practice through a project that lies outside conventional boundaries.

Outcome Measure:

GED 689 Final Project

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

Area of Focus: Score of (3) out of a 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:

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	(Specialized Knowledge, DQP 1)	MA - Counseling & Guidance	1	4.00	100	4	0
GED 689 Written	(Specialized Knowledge, DQP 1)	MA - Ed Leadership (1.31.12)	0				
GED 689 Written	(Specialized Knowledge, DQP 1)	MA - Special Education	7	3.82	95.54	4	0.37
GED 689 Written	(Specialized Knowledge, DQP 1)	MA - Teaching and Learning	9	3.83	95.83	4	0.35
GED 689 Written	(Specialized Knowledge, DQP 1)	MAT - Multiple Subject	9	3.89	97.22	4	0.33
Overall Average				3.89 (out of 4.00)	96.1966667	4	1.05

MV 2016 -2017 GED 689 W Data ☆

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	A	B	C	D	E	F	G	H
1	MV 2016 -2017 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	(Specialized Knowledge, DQP 1)	MA - Counseling & Guidance	25	3.86/4	96.5	4	0.34
4	GED 689 Written	(Specialized Knowledge, DQP 1)	MA - Ed Leadership (1.31.12)	0				
5	GED 689 Written	(Specialized Knowledge, DQP 1)	MA - Special Education	11	4.00/4	100	4	0.22
6	GED 689 Written	(Specialized Knowledge, DQP 1)	MA - Teaching and Learning	14	3.93/4	98.21	4	0.28
7	GED 689 Written	(Specialized Knowledge, DQP 1)	MAT - Multiple Subject	16	3.89/4	97.34	4	0.22
8	Overall Average				3.92	98.0125	4	0.265

MV 2017 -2018 GED 689 W Data ☆

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	A	B	C	D	E	F	G	H
1	MV 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	(Specialized Knowledge, DQP 1)	MA - Counseling & Guidance	30	3.86/4	96.46	4	0.41
4	GED 689 Written	(Specialized Knowledge, DQP 1)	MA - Ed Leadership (1.31.12)	1	4.00/4	100	4	0
5	GED 689 Written	(Specialized Knowledge, DQP 1)	MA - Special Education	13	4.00/4	100	4	0
6	GED 689 Written	(Specialized Knowledge, DQP 1)	MA - Teaching and Learning	16	3.75/4	93.75	4	0.45
7	GED 689 Written	(Specialized Knowledge, DQP 1)	MAT - Multiple Subject	14	3.91/4	97.77	4	0.19
8	Overall Average				3.9 (out of 4.00)	97.5525	4	0.215

MV 2018 -2019 GED 689 W Data ☆

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	A	B	C	D	E	F	G	H
1	MV 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	(Specialized Knowledge, DQP 1)	MA - Counseling & Guidance	24	3.66/4	91.51	4	0.45
4	GED 689 Written	(Specialized Knowledge, DQP 1)	MA - Ed Leadership (1.31.12)	0				
5	GED 689 Written	(Specialized Knowledge, DQP 1)	MA - Special Education	7	3.93/4	98.21	4	0.19
6	GED 689 Written	(Specialized Knowledge, DQP 1)	MA - Teaching and Learning	11	3.64/4	90.91	4	0.45
7	GED 689 Written	(Specialized Knowledge, DQP 1)	MAT - Multiple Subject	14	3.79/4	94.64	4	0.43
8	Overall Average				3.75 (out of 4.00)	93.82	4	0.36

Bakersfield:

BK 2015-2016 GED 689 W Data ☆

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	A	B	C	D	E	F	G	H
1	BK 2015-2016 GED 689 W Data							
2	Group Name	Rubric Criteria	DRF Name	Authors evaluate	Average for Group (Raw)	Average for Group (%)	Median	Standard Deviation
3	GED 689 Written	(Specialized Knowledge, DQP 1)	MA - Ed Leadership (1.31.12)	0				
4	GED 689 Written	(Specialized Knowledge, DQP 1)	MA - Special Education	6	3.83/4	95.83	4	0.41
5	GED 689 Written	(Specialized Knowledge, DQP 1)	MA - Teaching and Learning	9	3.78/4	94.44	4	0.44
6	GED 689 Written	(Specialized Knowledge, DQP 1)	MAT - Multiple Subject	4	4.00/4	100	4	0
7	Overall Average				3.87 (out of 4.00)	96.7566667	4	0.283333333

BK 2016 -2017 GED 689 W Data ☆

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	A	B	C	D	E	F	G	H
1	BK 2016 -2017 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	(Specialized Knowledge, DQP 1)	MA - Counseling & Guidance	0				
4	GED 689 Written	(Specialized Knowledge, DQP 1)	MA - Ed Leadership (1.31.12)	0				
5	GED 689 Written	(Specialized Knowledge, DQP 1)	MA - Special Education	9	3.89/4	97.22	4	0.33
6	GED 689 Written	(Specialized Knowledge, DQP 1)	MA - Teaching and Learning	10	3.90/4	97.5	4	0.32
7	GED 689 Written	(Specialized Knowledge, DQP 1)	MAT - Multiple Subject	8	4.00/4	100	4	0
8	Overall Average				3.93 (out of 4.00)	98.24	4	0.216666667

BK 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	(Specialized Knowledge, DQP 1)	MA - Counseling & Guidance	0				
GED 689 Written	(Specialized Knowledge, DQP 1)	MA - Ed Leadership (1.31.12)	3	4.00/4	100	4	0
GED 689 Written	(Specialized Knowledge, DQP 1)	MA - Special Education	5	4.00/4	100	4	0
GED 689 Written	(Specialized Knowledge, DQP 1)	MA - Teaching and Learning	6	4.00/4	100	4	0
GED 689 Written	(Specialized Knowledge, DQP 1)	MAT - Multiple Subject	7	4.00/4	100	4	0
Overall Average				4 (out of 4.00)	100	4	0

BK 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	(Specialized Knowledge, DQP 1)	MA - Counseling & Guidance	0				
GED 689 Written	(Specialized Knowledge, DQP 1)	MA - Ed Leadership (1.31.12)	3	4.00/4	100	4	0
GED 689 Written	(Specialized Knowledge, DQP 1)	MA - Special Education	2	4.00/4	100	4	0
GED 689 Written	(Specialized Knowledge, DQP 1)	MA - Teaching and Learning	0				
GED 689 Written	(Specialized Knowledge, DQP 1)	MAT - Multiple Subject	9	4.00/4	100	4	0
Overall Average				4.00 (out of 4.00)	100	4	0

Aggregated Data:

2015 - 2016 GED 689 W Aggregated Data ☆

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Group Name	Rubric Criteria	DRF Name	Authors evaluated	Average for Group (Raw)	Average for Group (%)	Median for Group	Standard Dev. for Group
GED 689P Written	(Specialized Knowledge, DQP 1)	MA - Counseling & Guidance	2	4	100	4	0
GED 689P Written	(Specialized Knowledge, DQP 1)	MA - Special Education	15	3.85	96.25	4	0.35
GED 689P Written	(Specialized Knowledge, DQP 1)	MA - Teaching and Learning	18	3.81	95.14	4	0.39
GED 689P Written	(Specialized Knowledge, DQP 1)	MAT - Multiple Subject	15	3.87	96.67	4	0.35
GED 689P Written	(Specialized Knowledge, DQP 1)	MAT - Single Subject (Rev. 8/2011)	14	3.82	95.54	4	0.37
GED 689P Written	(Specialized Knowledge, DQP 1)	MAT - SPED Intern Moderate/Severe (2.16.12)	1	4	100	4	0
GED 689P Written	(Specialized Knowledge, DQP 1)	MAT - SPED Traditional Mild/Moderate (Rev. 8.30.11)	8	3.88	96.88	4	0.35
GED 689P Written	(Specialized Knowledge, DQP 1)	MAT - SPED Traditional Moderate/Severe (Rev. 8.30.11)	1	4	100	4	0
Overall Average				3.9 (out of 4.00)	97.56	4	0.22625

2016 - 2017 GED 689 W Aggregated Data ☆

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Group Name	Rubric Criteria	Folio Area	Authors evaluated	Average for Group (Raw)	Average for Group (%)	Median for Group	Standard Deviation for Group
GED 689 Written	(Specialized Knowledge, DQP 1)	MA - Counseling & Guidance	25	3.86/4	96.5	4	0.34
GED 689 Written	(Specialized Knowledge, DQP 1)	MA - Ed Leadership (1.31.12)	0				
GED 689 Written	(Specialized Knowledge, DQP 1)	MA - Special Education	20	3.95/4	98.75	4	0.22
GED 689 Written	(Specialized Knowledge, DQP 1)	MA - Teaching and Learning	24	3.92/4	97.92	4	0.28
GED 689 Written	(Specialized Knowledge, DQP 1)	MAT - Multiple Subject	25	3.93/4	98.3	4	0.22
Overall Average				3.91	99.147	4	0.265

2017 - 2018 GED 689 W Aggregated Data ☆

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Group Name	Rubric Criteria	Folio Area	Authors evaluated	Average for Group (Raw)	Average for Group (%)	Median for Group	Standard Deviation for Group
GED 689 Written	(Specialized Knowledge, DQP 1)	MA - Counseling & Guidance	30	3.86/4	96.46	4	0.41
GED 689 Written	(Specialized Knowledge, DQP 1)	MA - Ed Leadership (1.31.12)	4	4.00/4	100	4	0
GED 689 Written	(Specialized Knowledge, DQP 1)	MA - Special Education	18	4.00/4	100	4	0
GED 689 Written	(Specialized Knowledge, DQP 1)	MA - Teaching and Learning	22	3.82/4	95.45	4	0.39
GED 689 Written	(Specialized Knowledge, DQP 1)	MAT - Multiple Subject	21	3.94/4	98.51	4	0.16
Overall Average				3.92	98.084	4	0.192

2018 - 2019 GED 689 W Aggregated Data ☆

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1	2018 - 2019 GED 689 W Aggregated Data							
2	Group Name	Rubric Criteria	Folio Area	Authors evaluated	Average for Group (Ra	Average for Group	Median for Group	Standard Deviation for Group
3	GED 689 Written	(Specialized Knowledge, DQP 1)	MA - Counseling & Guidance	24	3.66/4	91.51	4	0.45
4	GED 689 Written	(Specialized Knowledge, DQP 1)	MA - Ed Leadership (1.31.12)	3	4.00/4	100	4	0
5	GED 689 Written	(Specialized Knowledge, DQP 1)	MA - Special Education	9	3.94/4	98.61	4	0.17
6	GED 689 Written	(Specialized Knowledge, DQP 1)	MA - Teaching and Learning	11	3.64/4	90.91	4	0.45
7	GED 689 Written	(Specialized Knowledge, DQP 1)	MAT - Multiple Subject	23	3.87/4	96.74	4	0.34
8	Overall Average				3.82 (out of 4.00)	95.55	4	0.28

Conclusions Drawn from Data:

SOE candidates exceeded the Criteria for Success of 3.0 (out of 4) in MV, Bakersfield and in aggregate. 2018-19 scores dipped slightly from 2017-18 scores, particularly in MV where they decreased in all four programs, while maintaining their proximity to the upper bound of scores (4.0). This data indicates SOE candidates' thesis projects include well-formed research questions and clearly stated areas of focus.

Changes to be Made Based on Data:

Students begin to learn the skills of forming research questions in prior coursework then apply them during their thesis work. This data indicates that process is working well. In Spring 2019 the primary course where students learn these skills adopted a new textbook. This book focuses more on action research processes than on research design. It will be important to monitor these data in the coming years to ensure students continue to reach the rigorous standards set by the program.

Rubric Used

GED 689P Written Product

Created with W

	Far Below Standard	Below Standard	Meets Standard	Exceeds Standard
Area of Focus (Specialized Knowledge, DQP 1)	<ul style="list-style-type: none"> There is no clear area of focus Research questions are inappropriate 	<ul style="list-style-type: none"> The area of focus is overly broad or narrow Research questions are unclear 	<ul style="list-style-type: none"> Area of focus is somewhat vague Research questions are somewhat vague 	<ul style="list-style-type: none"> Clearly stated area of focus Research questions are clearly written and appropriate

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.)