

**B.Ed Teacher Candidate Content Knowledge
Content Area Grades: Academic Year 2013-14**

Class	Class Name	Fall '13			Spring '14																
		N	μ (range)	SD	N	μ (range)	SD														
2.1 Reading, Writing, & Oral Language																					
Required: 18 cr.																					
EDEE 422	Reading Methods	16	3.3 (2.0-4.0)	0.7	9	3.5 (3.0-4.0)	0.5														
EDEE 424	Language Arts Methods	17	3.5 (2.0-4.0)	0.6	9	3.7 (3.0-4.0)	0.4														
ENG 100	Composition I	27	3.1 (2.0-4.0)	0.6	4	2.6 (1.7-3.7)	0.9														
ENG 200	Composition II	18	3.4 (2.0-4.0)	0.6	21	3.1 (1.3-4.0)	0.8														
ENG 383	Children's Literature	27	3.5 (1.0-4.0)	0.6	16	3.5 (0.7-4.0)	0.8														
PSY 342	Educational Psychology	12	3.6 (3.0-4.0)	0.4	8	3.6 (2.0-4.0)	0.7														
3 cr. Speech Course																					
Approved Course Work (one of the following):																					
SP 151	Personal and Public Speaking	4	3.5 (2.0-4.0)	1.0	11	3.6 (2.0-4.0)	0.6														
3 cr. Developmental Course																					
Approved Course Work (one of the following):																					
FAMR 230	Human Development	4	2.7 (1.0-4.0)	1.5	1	4.0	NA														
PSY 240	Developmental Psychology	9	3.1 (2.0-4.0)	0.6	8	3.0 (2.0-4.0)	0.7														
PSY 340	Childhood and Adolescence	12	2.1 (1.0-4.0)	1.0	3	3.0 (2.0-4.0)	1.0														
2.2 Science																					
3 cr. Biological Science Course																					
Approved Course Work (one of the following):																					
BIOL 100	Human Biology	3	2.9 (2.0-3.7)	0.8	2	4.0	NA														
BIOL 101	Biology & Society	6	3.6 (2.0-4.0)	0.8	2	4.0	NA														
BIOL 200	Coral Reefs	1	3.0	NA	0	NA	NA														
ZOOL 200	Marine Biology				2	3.5 (3.0-4.0)	0.7														
3 cr. Physical Science Course																					
Approved Course Work (one of the following):																					
CHEM 100	Chemistry and Society	3	3.6 (3.0-4.0)	0.5	3	3.6 (3.0-4.0)	0.5														
CHEM 161	General Chemistry I	1	4.0	NA	0	NA	NA														
GEOG 101	The Natural Environment	1	3.0	NA	0	NA	NA														
GEOLOG 101	Dynamic Earth	5	2.7 (1.0-4.0)	1.2	1	4.0	NA														
GEOLOG 122	Introduction to Earth Science	0	NA	NA	1	3.0	NA														
GG 103	Geology of the Hawaiian Islands	1	4.0	NA	0	NA	NA														
OCN 201	Science of the Sea	0	NA	NA	2	2.8 (2.0-3.7)	1.2														
PHYS 100	Survey of Physics	3	1.6 (1.0-2.0)	0.5	1	4.0	NA														
<table border="1"> <thead> <tr> <th rowspan="2">Class</th> <th rowspan="2">Class Name</th> <th colspan="3">Fall '13</th> <th colspan="3">Spring '14</th> </tr> <tr> <th>N</th> <th>μ (range)</th> <th>SD</th> <th>N</th> <th>μ (range)</th> <th>SD</th> </tr> </thead> <tbody> </tbody> </table>								Class	Class Name	Fall '13			Spring '14			N	μ (range)	SD	N	μ (range)	SD
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		N	μ (range)	SD	N	μ (range)	SD														

3 cr. Earth Science Course							
Approved Course Work (one of the following):							
ASTR 110	Survey of Astronomy	4	3.0 (1.0-4.0)	1.4	4	2.5 (1.0-3.0)	1.0
GEOG 101	The Natural Environment	0	NA	NA	4	3.2 (2.0-4.0)	0.9
GEOG 101	Dynamic Earth	3	2.3 (1.7-3.0)	0.6	5	2.8 (2.0-4.0)	0.8
GEOG 122	Introduction to Earth Science	14	3.4 (2.3-4.0)	0.6	7	2.7 (1.0-4.0)	1.0
GG 103	Geology of the Hawaiian Islands	0	NA	NA	1	4.0	NA
MET 209	Introduction to Climate Studies	0	NA	NA	6	3.0 (2.0-4.0)	0.6
OCN 201	Science of the Sea	4	2.6 (1.0-3.7)	1.1	2	1.8 (1.7-2.0)	0.2
2.3 Mathematics							
Required: 6 cr.							
MATH 111	Math for Elem. School Teachers I	31	3.0 (1.0-4.0)	0.8	5	2.8 (2.0-4.0)	0.8
MATH 112	Math for Elem. School Teachers II	0	NA	NA	27	3.0 (0.7-4.0)	1.0
2.4 Social Studies							
Required: 6 cr.							
GEOG 102	World Regional Geography	11	3.5 (2.0-4.0)	0.6	8	3.0 (2.0-4.0)	0.9
HIST 151	World Civilization I OR	28	2.7 (0.7-4.0)	1.0	17	2.8 (1.3-4.0)	1.0
HIST 152	World Civilization II	17	2.9 (1.7-4.0)	0.8	13	2.8 (1.7-4.0)	0.6
3 cr. Social Science Course							
Approved Course Work (one of the following):							
ECON 131	Principles of Macroeconomics	2	2.3 (1.7-3.0)	0.9	0	NA	NA
POLS 110	Introduction to Political Science	1	3.0	NA	2	4.0	NA
SOC 100	Survey of General Sociology	5	1.6 (1.0-4.0)	1.3	2	0.8 (0.7-1.0)	0.2
WS 151	Introduction to Women's Studies	4	2.1 (1.0-3.3)	0.9	0	NA	NA
2.5 The Arts							
Required: 3 cr.							
EDEE 325	Creative & Performing Arts	16	3.4 (1.0-4.0)	0.8	16	3.5 (1.0-4.0)	0.8
3 cr. Art or Music Appreciation							
Approved Course Work (one of the following):							
ART 101	Introduction to Visual Arts	9	3.4 (3.0-4.0)	0.5	3	2.6 (1.0-4.0)	1.5
MUS 106	Introduction to Music Literature	0	NA	NA	8	3.0 (1.0-4.0)	1.0
MUS 107	Music in World Cultures	4	2.9 (1.0-4.0)	1.3	2	4.0	NA
MUS 108	Fundamentals of Western Music	8	2.9 (1.3-4.0)	1.0	0	NA	NA
2.6 & 2.7 Health & Physical Education							
Required: 3 cr.							
EDEE 324	Health, PE & Movement	17	3.5 (2.0-4.0)	0.7	20	3.7 (3.0-4.0)	0.4

Average % of Grades Earned by Candidates in AY 2013-14

ACEI	Content Areas	Grades Earned			
		A	B	C	D
2.1	Reading, Writing, & Oral Language n=236	52%	31%	14%	3%
2.2	Science n=92	43%	33%	17%	7%
	Biological Science n=16	69%	19%	12%	0%
	Physical Science n=22	50%	23%	18%	9%
	Earth Science n=54	32%	41%	20%	7%
2.3	Mathematics n=63	40%	35%	17%	8%
2.4	Social Studies n=110	33%	29%	26%	12%
2.5	The Arts n=66	54%	29%	8%	9%
2.6 2.7	Health & Physical Educ. n=37	68%	27%	5%	0%