

Exhibit C

Knowledge of Content Content Area Grades: Academic Year 2014-15

Class	Class Name	Fall '14			Spring '15		
		N	μ (range)	SD	N	μ (range)	SD
2.1 Reading, Writing, & Oral Language							
Required: 18 cr.							
EDEE 422	Reading Methods	0	NA	NA	13	3.3 (1.0-4.0)	1.0
EDEE 424	Language Arts Methods	0	NA	NA	13	3.8 (3.0-4.0)	0.3
ENG 100	Composition I	16	3.0 (1.0-4.0)	0.8	5	2.8 (2.0-3.3)	0.4
ENG 200	Composition II	16	3.2 (2.3-4.0)	0.5	23	3.0 (1.0-4.0)	0.9
ENG 383	Children's Literature	21	3.5 (2.7-4.0)	0.5	14	3.6 (2.7-4.0)	0.6
PSY 342	Educational Psychology	23	3.5 (2.7-4.0)	0.4	13	3.0 (1.7-4.0)	0.8
3 cr. Speech Course							
Approved Course Work (one of the following):							
SP 151	Personal and Public Speaking	7	3.4 (2.0-4.0)	0.7	6	3.3 (2.0-4.0)	1.0
3 cr. Developmental Course							
Approved Course Work (one of the following):							
PSY 240	Developmental Psychology	4	3.7 (3.3-4.0)	0.3	7	3.0 (2.0-3.7)	0.5
PSY 340	Childhood and Adolescence	8	2.1 (1.0-4.0)	0.9	0	NA	NA
2.2 Science							
3 cr. Biological Science Course							
Approved Course Work (one of the following):							
BIOL 100	Human Biology	7	3.1 (2.0-4.0)	0.7	5	2.8 (1.3-3.7)	0.9
BIOL 101	Biology & Society	1	2.7	NA	5	2.8 (1.3-4.0)	1.2
BIOL 200	Coral Reefs	0	NA	NA	2	4.0	NA
BOT 101	General Botany	1	2.7	NA	0	NA	NA
ZOOL 200	Marine Biology	1	1.0	NA	0	NA	NA
3 cr. Physical Science Course							
Approved Course Work (one of the following):							
CHEM 100	Chemistry and Society	5	3.8 (3.0-4.0)	0.4	4	3.75 (3.0-4.0)	0.5
GEOL 122	Introduction to Earth Science	1	3.3	NA	1	1.7	NA
OCN 201	Science of the Sea	3	1.3 (1.0-2.0)	0.5	2	1.5 (1.0-2.0)	0.7
PHYS 100	Survey of Physics	3	3.0	NA	2	3.6 (3.3-4.0)	0.4
3 cr. Earth Science Course							
Approved Course Work (one of the following):							
ASTR 110	Survey of Astronomy	4	2.2 (2.0-3.0)	0.5	0	NA	NA
GEOG 101	The Natural Environment	1	4.0	NA	0	NA	NA
GEOL 101	Dynamic Earth	0	NA	NA	3	3.6 (3.3-4.0)	0.3

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GEOL 122	Introduction to Earth Science	11	3.3 (2.3-4.0)	0.5	5	2.94 (1.7-4.0)	1.0
GG 103	Geology of the Hawaiian Islands	0	NA	NA	1	3.0	NA
MET 209	Introduction to Climate Studies	0	NA	NA	3	2.1 (1.0-3.7)	1.4
OCN 201	Science of the Sea	6	2.8 (1.0-4.0)	1.2	9	2.3 (1.0-4.0)	1.0
2.3 Mathematics							
Required: 6 cr.							
MATH 111	Math for Elem. School Teachers I	24	2.9 (1.0-4.0)	0.9	15	3.7 (3.0-4.0)	0.3
MATH 112	Math for Elem. School Teachers II	11	3.0 (1.0-4.0)	1.1	24	3.75 (2.0-4.0)	0.6
2.4 Social Studies							
Required: 6 cr.							
GEOG 102	World Regional Geography	20	3.5 (2.0-4.0)	0.6	9	3.5 (1.0-4.0)	1.0
HIST 151	World Civilization I OR	18	3.1 (1.7-4.0)	0.7	13	2.6 (0.7-4.0)	1.2
HIST 152	World Civilization II	9	3.1 (1.3-4.0)	1.1	12	3.7 (3.0-4.0)	0.3
3 cr. Social Science Course							
Approved Course Work (one of the following):							
ECON 130	Principles of Microeconomics	0	NA	NA	3	3.3 (2.3-4.0)	0.9
ECON 131	Principles of Macroeconomics	1	3.0	NA	0	NA	NA
POLS 110	Introduction to Political Science	4	2.9 (1.0-4.0)	1.3	0	NA	NA
SOC 100	Survey of General Sociology	9	1.7 (1.0-4.0)	0.9	8	2.0 (1.0-4.0)	1.1
2.5 The Arts							
Required: 3 cr.							
EDEE 325	Creative & Performing Arts	17	3.7 (2.0-4.0)	0.6	16	3.3 (2.0-4.0)	0.9
3 cr. Art or Music Appreciation							
Approved Course Work (one of the following):							
ART 101	Introduction to Visual Arts	3	3.6 (3.0-4.0)	0.5	1	3.0	NA
MUS 106	Introduction to Music Literature	1	3.0	NA	9	2.6 (2.3-3.0)	0.3
MUS 107	Music in World Cultures	8	3.1 (1.3-4.0)	1.1	6	2.3 (0.7-3.0)	1.1
MUS 108	Fundamentals of Western Music	5	2.6 (1.7-4.0)	0.8	0	NA	NA
2.6 & 2.7 Health & Physical Education							
Required: 3 cr.							
EDEE 324	Health, PE & Movement	22	3.8 (2.0-4.0)	0.4	20	3.8 (3.0-4.0)	0.4

Average % of Grades Earned by Candidates in AY 2014-15

ACEI	Content Areas	Grades Earned			
		A	B	C	D
2.1	Reading, Writing, & Oral Language n=189	53%	29%	15%	3%
2.2	Science n=86	35%	30%	22%	13%
	Biological Science n=22	36%	27%	23%	14%
	Physical Science n=21	38%	33%	10%	19%
	Earth Science n=43	33%	30%	28%	9%
2.3	Mathematics n=74	62%	18%	18%	2%
2.4	Social Studies n=106	48%	23%	17%	12%
2.5	The Arts n=66	48%	24%	23%	5%
2.6 2.7	Health & Physical Educ. n=42	86%	12%	2%	0%