

The tables below display mean scores for the various assessments in support of claims for CAEP Standard 1. The tables are numbered as they appeared in the 2016 TEAC/CAEP Inquiry Brief, with the exception of new tables created for the 2015-16 Annual Report.

The Praxis II is a standardized assessment of academic achievement in a variety of content areas for those taking the Elementary Education assessments (IDS, Elem Ed). Career Switcher Program completers will pass the specific content Praxis II assessment for their respective licenses (i.e., Math, Science, and English). Passing the Praxis II at or above the cut-score set by the Virginia Department of Education (VDOE) is an indicator of the possession of the subject knowledge needed to be a competent teacher.

The Praxis II has the strength of measuring both subject matter knowledge and pedagogical knowledge as compared to students around the state and the country. The subjects that are addressed are essentially the subjects taught in the Elementary grades, as well as the respective content areas at the Middle and High School levels (e.g., Math). The assessment is highly regarded by VDOE as a measure of new teacher competence. A major limitation is the unclear alignment of the exact content on the Praxis II with the competencies required in our curriculum prescribed by VDOE. The assessment makers provide a breakdown of the general content areas being evaluated by the assessments but do not publish specific competencies or objectives by which the assessment items are developed and written. A weakness of using Praxis II tests for subject matter knowledge is the limitation of what can be covered in a finite number of questions and question types (ETS, 2010). Praxis II scores are sent to the School of Education by ETS. Another limitation is that test anxiety may play a role in how a student performs on this standardized assessment. The faculty agree that the Praxis II results should be used in conjunction with other measures to determine our program completers' degree of subject matter attainment and pedagogical knowledge.

Table 26: Elementary Ed Multiple Subjects*Praxis II Elementary Education: Content Knowledge Mean Scores and Pass Rates by Year and Program*

Academic Year	Program	n	Mean	SD	Pass Rate**
2015 - 2016	Elementary Ed – IDS				
	Elementary Ed Content Knowledge	2	174	12.0	100%
	MS – Mathematics	13	173	12.9	100%
	MS – Social Studies	14	171	10.6	100%
	MS – Reading & Lang Arts	14	181	10.5	100%
	MS – Science	14	173	10.5	100%
	Elementary Ed – MEd				
	-	-	-	-	-
	K-12 Special Education				
	Elementary Ed Content Knowledge	5	168	14.32	100%
	MS – Mathematics	1	179	-	100%
	MS – Social Studies	1	184	-	100%
	MS – Reading & Lang Arts	1	181	-	100%
	MS – Science	1	164	-	100%
2016 - 2017	Elementary Ed – IDS				
	Elementary Ed Content Knowledge	1	170	-	100%
	MS – Mathematics	15	182	9.7	100%
	MS – Social Studies	15	173	10.6	100%
	MS – Reading & Lang Arts	15	178	8.0	100%
	MS – Science	15	175	10.9	100%
	Elementary Ed – MEd				
	Elementary Ed Content Knowledge	1	169	-	100%
	MS – Mathematics	3	181	20.11	100%
	MS – Social Studies	3	177	9.00	100%
	MS – Reading & Lang Arts	3	182	14.73	100%
	MS – Science	3	175	19.00	100%
	K-12 Special Education				

Academic Year	Program	<u>n</u>	Mean	SD	Pass Rate**
	Elementary Ed Content Knowledge	2	141	4.95	50%
	MS – Mathematics	1	168	-	100%
	MS – Social Studies	1	171	-	100%
	MS – Reading & Lang Arts	1	169	-	100%
	MS – Science	1	186	-	100%
2017 - 2018	Elementary Ed – IDS				
	Elementary Ed Content Knowledge	-	-	-	-
	MS – Mathematics	25	180	13.77	100%
	MS – Social Studies	25	171	16.38	96%
	MS – Reading & Lang Arts	25	173	11.00	100%
	MS – Science	25	174	10.96	100%
	Elementary Ed – MEd				
	Elementary Ed Content Knowledge	-	-	-	-
	MS – Mathematics	1	175	-	100%
	MS – Social Studies	1	188	-	100%
	MS – Reading & Lang Arts	1	181	-	100%
	MS – Science	1	180	-	100%
	K-12 Special Education				
	Elementary Ed Content Knowledge	1	160	-	100%
	MS – Mathematics	2	151	5.66	0%
	MS – Social Studies	2	168	11.31	100%
	MS – Reading & Lang Arts	3	157	6.51	66.7%
	MS – Science	3	157	11.27	66.7%
2018 - 2019	Elementary Ed – IDS				
	Elementary Ed Content Knowledge	-	-	-	-
	MS – Mathematics	20	180.30	12.61	100%
	MS – Social Studies	20	168.80	12.90	100%
	MS – Reading & Lang Arts	20	173.85	8.95	100%
	MS – Science	19	174.68	8.47	100%

Academic Year	Program	<u>n</u>	Mean	SD	Pass Rate**
	Elementary Ed – MEd				
	Elementary Ed Content Knowledge	-	-	-	-
	MS – Mathematics	-	-	-	-
	MS – Social Studies	-	-	-	-
	MS – Reading & Lang Arts	-	-	-	-
	MS – Science	-	-	-	-
	K-12 Special Education				
	Elementary Ed Content Knowledge	-	-	-	-
	MS – Mathematics	1	164	0	100%
	MS – Social Studies	1	179	0	100%
	MS – Reading & Lang Arts	1	194	0	100%
	MS – Science	1	184	0	100%

Note: Scores include multiple attempts at achieving a passing score with some of our test takers.
 Old Pass score is 143 | New Pass is Math: 157; Social Studies: 155; Engl/Read: 157; Science: 159.
 The Praxis II Elementary Ed Content Knowledge is not required for the Special Education program.

MS = Multiple Subject Test