

Seminole State College
ACT Collegiate Assessment of Academic Proficiency (CAAP) Test
2017-18

ACT COLLEGIATE ASSESSMENT OF ACADEMIC PROFICIENCY (CAAP) TEST

The College uses the *ACT Collegiate Assessment of Academic Proficiency (CAAP)* as a component of its Assessment of General Education. This assessment is a nationally recognized academic test designed to measure general education foundational skills typically attained in the first two years of college. Each fall the College uses five objective test modules of the CAAP Test—Writing Skills, Mathematics, Reading, Critical Thinking, and Science—to assess students with 45 or more credit hours. Approximately 200 students typically take the exam in late October or early November. ACT provides the college demographic information about the participants as well as mean scores for each module for both Seminole State College students and the national database. ACT also provides information for the following groups: sophomore students, students planning to transfer to another institution, female students, and male students.

Fall 2017 CAAP Test Assessment Results

The CAAP Test was administered to 139 students the morning of Wednesday, November 1, 2017. The students were chosen based upon their anticipated completion of 45 or more credit hours at the completion of the fall 2017 semester and their having classes scheduled during the morning testing period. Each student was administered two randomly selected test modules from the pool of modules consisting of Writing Skills, Mathematics, Reading, Critical Thinking, and Science. Consequently, a total of 278 test modules were taken during the testing period consisting of 57 in Writing Skills, 56 in Mathematics, 55 in Critical Thinking, 56 in Reading, and 54 in Science. The test was administered in the Foundation Hall of the SSC Haney Center. The test was administered according to ACT guidelines under the supervision of the Coordinator of Assessment, members of the Assessment of Learning Committee, and other SSC faculty and staff volunteers.

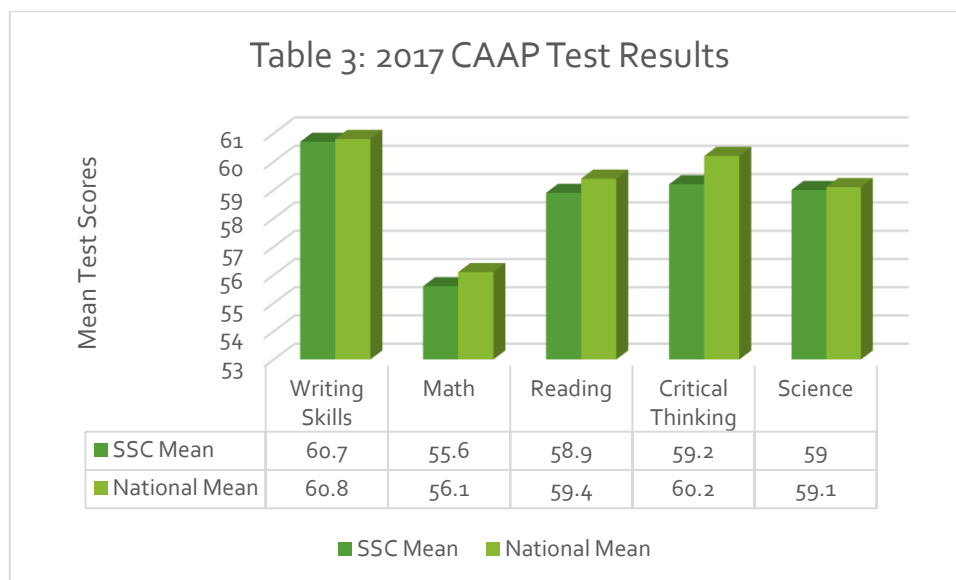
Demographics

Table 2 shown on the right summarizes the self-reported demographic information for the 139 examinees. As shown in the table, students representing at least six ethnic groups participated in testing. Caucasian students accounted for 65% of the examinees while Native Americans accounted for 15%. About 66% of the examinees were female and about 34% were male. About 91% of the students considered themselves to be full-time students. Ninety-four percent of the students tested gave English as their first language, and 86% replied that they began their freshman year of college as an SSC student.

Table 2. 2017 CAAP Test Examinee Demographic Information		Student Count
Ethnicity	African American/Black	5
	Amer. Indian/Alaskan Nat.	21
	White/Caucasian	91
	Mexican	
	American/Chicano	3
	Asian/Pacific Islander	1
	Puerto Rico/Cuban/Hisp.	1
	Filipino	0
	Other	0
	Prefer not to respond	1
No response	16	
Gender	Male	44
	Female	92
	No response	3
Age	18 and under	4
	19-20	76
	21-25	35
	26-30	8
	31-39	12
	40 and older	4
No response	-	
English	First Language	131
	Not First Language	5
	No response	3
Enrolled at SSC as Freshman?	Yes	120
	No (Transfer Students)	16
	No response	3
Enrollment Status	Full-time	127
	Part-time	9
	No response	3

Test Scores

The tests were scored based on a scale that ranges from 40 to 80. National means for two-year institutions for each test subject are shown in Table 3. As shown in the table, Seminole State students scored near national means in all five subject areas. For example, SSC students averaged a score of 60.7 on the Writing Skills test, which is 0.1 lower than the national mean. In Math, SSC students performed slightly below the national mean with a score of 55.6 compared to the national mean of 56.1. In Critical Thinking, SSC students scored below the national mean of 60.2 with a score of 59.2. SSC students scored lower than the national mean in Reading by 0.5 point and slightly below the national mean in Science with a score 0.1 below their counterparts with 45+ credit hours at other two-year institutions nationwide. Interestingly, SSC students scored above the national mean by 0.1 in Rhetorical Writing Skills subscore and at the national mean in the College Algebra subscore.



In terms of individual student performance, SSC had students whose performances placed them in the 99th percentile nationally in all five subject areas. ACT awarded Certificates of Achievement to students who scored at or above the national mean on a test module. Of the 278 tests administered, 128 were at or above the national average. A number of students earned certificates in more than one module.

Fall 2017 CAAP Test Analysis

As per the *2017-18 SSC Assessment of Student Learning Procedure*, the Assessment of Student Learning Committee set a goal for students to perform at or above the national average on each test module. The Committee set a minimum acceptable threshold of no more than 2.0 points (5 percent) below the current national mean scores. Based on this criteria, SSC students are performing above the minimum threshold levels established as "long-term" in 2013 in all of the five subject areas assessed.

This is the final year for the opportunity to participate in CAAP test results. The SSC Assessment Committee is considering other possibilities to assess student learning.

Cumulative Data

Data has now been collected for five test administrations spanning a five-year period. As shown in Table 4 on the right, SSC's five-test average is at the national mean in Mathematics and above the national mean in Writing Skills. However, student scores for the five-year average were slightly below the national mean in Reading, Critical Thinking, and Science. As a whole, the five-test averages covering a five-year span all fell within 1.0 of the national mean for those tests in that period. This indicates that SSC students are performing at levels consistent with but not generally superior to students in the national database for these areas of general education.

The Assessment of Student Learning Committee will continue to review both single year and cumulative results each spring following a CAAP Test administration and recommend appropriate expectations for improvement.

Table 4. 2017 Cumulative CAAP Test Results		SSC Mean	National Mean	Over/Under National Mean
Writing Skills	2013	61.7	61.5	0.2
	2014	61.9	61.3	0.6
	2015	61.8	61.0	0.8
	2016	62.8	60.8	1.2
	2017	60.7	60.8	-0.1
	5-test average	61.8	61.1	+0.7
Mathematics	2013	56.3	56.0	0.3
	2014	56.4	56.0	0.4
	2015	55.5	56.1	-0.6
	2016	56.0	56.1	-0.1
	2017	55.6	56.1	-0.5
	5-test average	56.0	56.1	-0.1
Reading	2013	60.0	60.2	-0.2
	2014	60.7	60.1	0.6
	2015	59.9	59.9	0.0
	2016	60.2	59.4	-0.8
	2017	58.9	59.4	-0.5
	5-test average	59.9	59.8	+0.1
Critical Thinking	2013	61.2	60.6	0.6
	2014	60.7	60.6	0.1
	2015	60.6	60.5	0.1
	2016	59.7	60.2	-0.5
	2017	59.2	60.2	-1.0
	5-test average	60.3	60.4	-0.1
Science	2013	59.0	59.2	-0.2
	2014	58.4	59.2	-0.8
	2015	59.0	59.1	-0.1
	2016	59.0	59.1	-0.1
	2017	59.0	59.1	-0.1
	5-test average	58.9	59.1	-0.3