

**Seminole State College**  
**ACT Collegiate Assessment of Academic Proficiency (CAAP) Test**  
**2015-16**

**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 2015 CAAP Test Assessment Results**

The CAAP Test was administered to 203 students the morning of Wednesday, November 4, 2015. The students were chosen based upon their anticipated completion of 45 or more credit hours at the completion of the fall 2015 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 406 test modules were taken during the testing period consisting of 81 in Writing Skills, 81 in Mathematics, 81 in Critical Thinking, 81 in Reading, and 82 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.

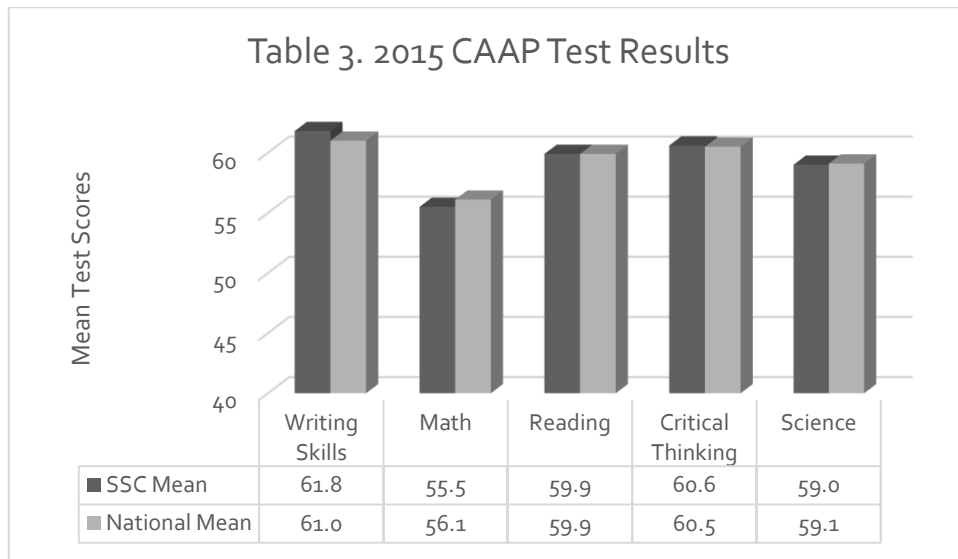
**Demographics**

Table 2 shown on the right summarizes the self-reported demographic information for the 203 examinees. As shown in the table, students representing at least six ethnic groups participated in testing. Caucasian students accounted for 70% of the examinees while Native Americans accounted for 15%. About 70% of the examinees were female and about 30% were male. About 88% of the students considered themselves to be full-time students. Ninety-six percent of the students tested gave English as their first language, and 84% replied that they began their freshman year of college as an SSC student.

<b>Table 2. 2015 CAAP Test Examinee Demographic Information</b>		<b>Student Count</b>
<b>Ethnicity</b>	African American/Black	6
	Amer. Indian/Alaskan Nat.	30
	White/Caucasian	142
	Mexican	
	American/Chicano	6
	Asian/Pacific Islander	1
	Puerto Rico/Cuban/Hisp.	2
	Filipino	0
	Other	1
	Prefer not to respond	5
No response	10	
<b>Gender</b>	Male	60
	Female	143
	No response	0
<b>Age</b>	18 and under	4
	19-20	100
	21-25	47
	26-30	21
	31-39	17
	40 and older	14
No response	-	
<b>English</b>	First Language	195
	Not First Language	8
	No response	-
<b>Enrolled at SSC as Freshman?</b>	Yes	170
	No (Transfer Students)	33
	No response	0
<b>Enrollment Status</b>	Full-time	179
	Part-time	24
	No response	0

**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 61.8 on the Writing Skills test, which is 0.8 higher than the national mean. In Math, SSC students performed slightly below the national mean with a score of 55.5 compared to the national mean of 56.1. In Critical Thinking, SSC students scored slightly above the national mean of 60.5 with a score of 60.6. SSC students scored the national mean in Reading with a score of 59.9 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.



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 406 tests administered, 203 were at or above the national average. A number of students earned certificates in more than one module.

**Fall 2015 CAAP Test Analysis**

As per the *2015-16 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.

### 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 Critical Thinking and above the national mean in Writing Skills and Reading. However, student scores for the five-year average were slightly below the national mean in Mathematics 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. 2015 Cumulative CAAP Test Results		SSC Mean	National Mean	Over/Under National Mean
Writing Skills	2011	62.2	61.6	0.6
	2012	61.3	61.5	-0.2
	2013	61.7	61.5	0.2
	2014	61.9	61.3	0.6
	2015	61.8	61.0	0.8
	5-test average	61.8	61.4	+0.4
Mathematics	2011	54.8	56.2	-1.4
	2012	56.2	56.1	0.1
	2013	56.3	56.0	0.3
	2014	56.4	56.0	0.4
	2015	55.5	56.1	-0.6
	5-test average	55.8	56.1	-0.2
Reading	2011	60.4	60.2	0.2
	2012	59.9	60.1	-0.2
	2013	60.0	60.2	-0.2
	2014	60.7	60.1	0.6
	2015	59.9	59.9	0.0
	5-test average	60.2	60.1	+0.1
Critical Thinking	2011	na	60.4	Na
	2012	59.8	60.6	-0.8
	2013	61.2	60.6	0.6
	2014	60.7	60.6	0.1
	2015	60.6	60.5	0.1
	4-test average	60.6	60.6	0.0
Science	2011	59	59.2	-0.2
	2012	57.8	59.2	-1.4
	2013	59.0	59.2	0.2
	2014	58.4	59.2	-0.8
	2015	59.0	59.1	-0.1
	5-test average	58.6	59.2	-0.4