

REPORT ON STUDENT SUCCESS & ACHIEVEMENT, FALL 2019

(Some data is Fall 2018)

This report summarizes information related to the previous academic year's student success and achievement measures.

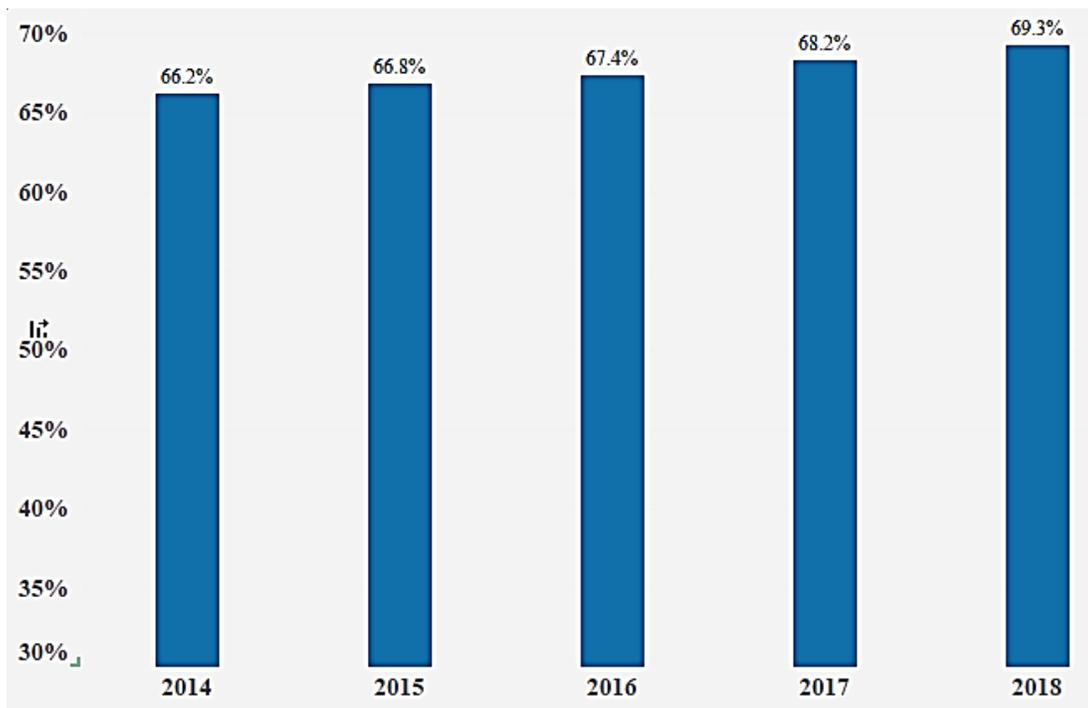
COMPLETING COURSES SUCCESSFULLY

The **course success rate** reflects the percent of grades that are A, B, C or Pass/Credit.

- Successful = A, B, C, Pass, Credit
- Unsuccessful = D, F, Withdraw, No Pass, or Incomplete

It is important to note that students who withdraw from a course are in the denominator, as well as those who earn D's or F's. Students withdraw from courses for a variety of reasons including changes in their work schedules, health issues, family responsibilities, etc. The overall course success rate at SCC has been relatively stable, between 60 and 70 percent, since the 1980s. Currently the overall course success rate is over 69 percent.

SCC Successful Course Completion, Fall 2014 to Fall 2018 (%)



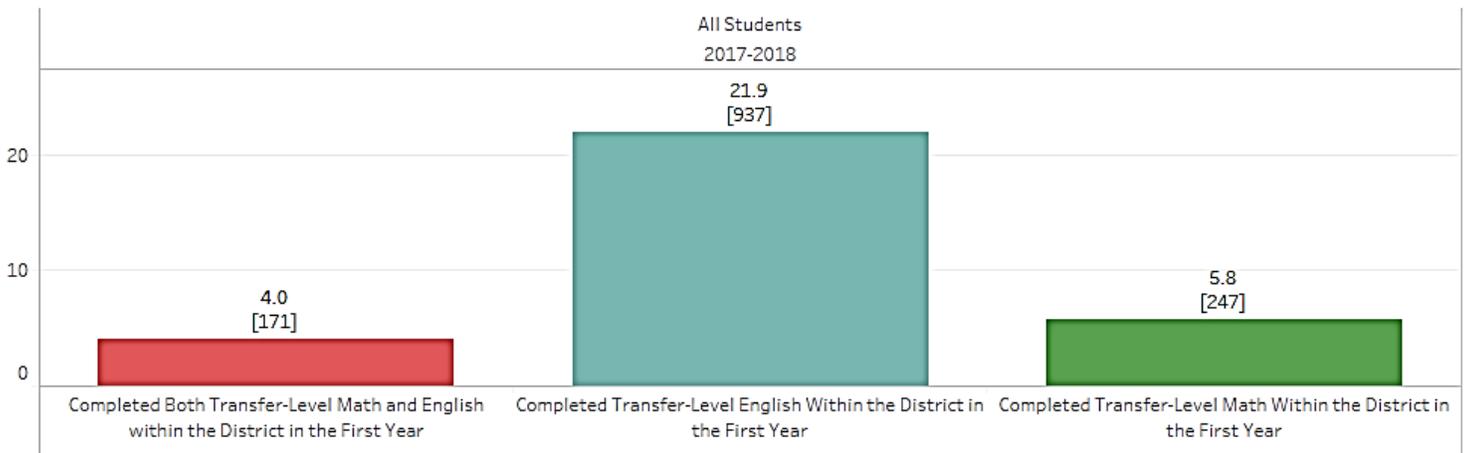
Source: SCC Research Data

COMPLETING TRANSFER-LEVEL MATH AND ENGLISH

The Student Success Metrics' Learning Progress measures include data on the number of students who completed transfer-level Math and English. Among all SCC students in the 2017-2018 academic year, 4% completed both transfer-level math and English in their first academic year of credit enrollment within the district; about 22% completed transfer-level English and 6% math within the district.

Learning Progress: Completed Transfer-Level Math and English (%)

Among all students, the proportion who completed transfer-level math and English in their first academic year of credit enrollment within the district
(Number of students/enrollments in brackets [])



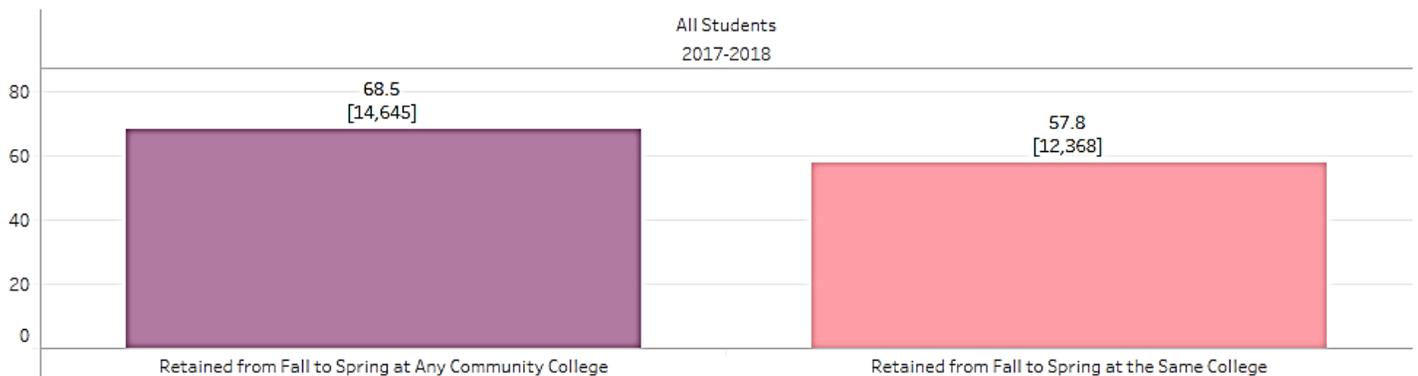
Source: Student Success Metrics 2017-2018

STAYING IN SCHOOL

According to Student Success Metrics, among all SCC students in 2017-2018, 57.8% were retained from fall to spring at the College and 68.5% were retained at any community college in the system.

Momentum: Retained from Fall to Spring (%)

Among all students, the proportion retained from fall to spring at college in the selected year; excluding students who completed an award or transferred to a postsecondary institution
(Number of students/enrollments in brackets [])



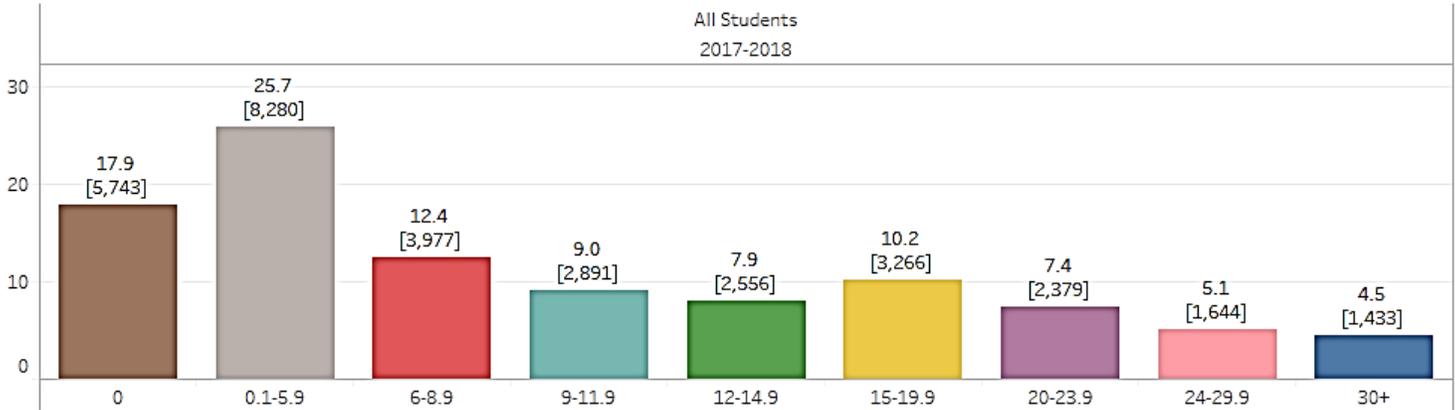
Source: Student Success Metrics 2017-2018

EDUCATIONAL GOALS

Among all SCC students in 2017-2018, over 35% completed 12 degree-applicable units or more over the academic year.

Momentum: Successfully Completed Unit Thresholds in the Academic Year (%)

Among all students, the proportion who successfully completed degree-applicable semester unit thresholds in the selected year
(Number of students/enrollments in brackets [])

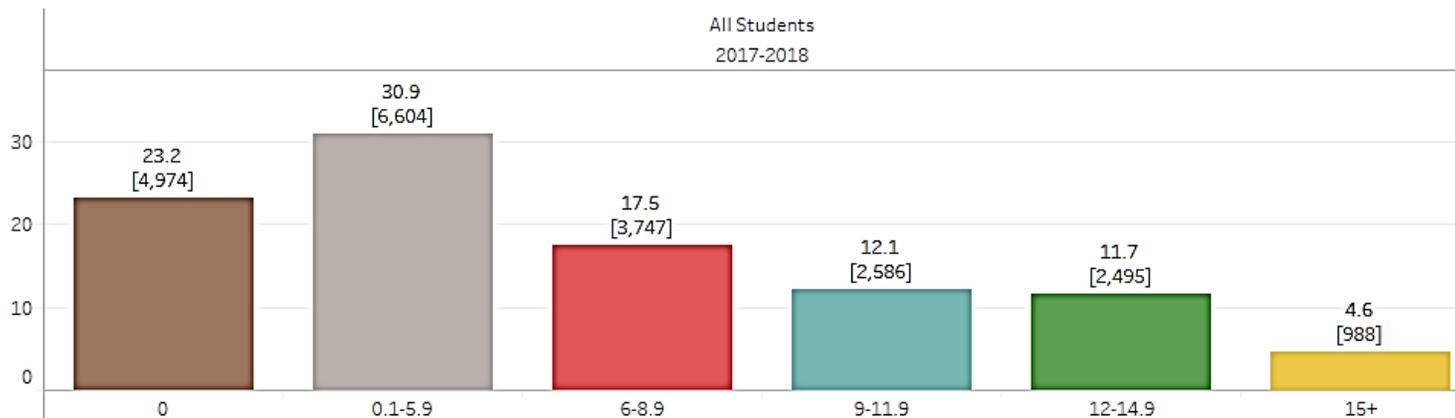


Source: Student Success Metrics 2017-2018

Among all SCC students in 2017-2018, over 16% completed 12 degree-applicable units or more in the fall semester.

Momentum: Successfully Completed Unit Thresholds in the Fall (%)

Among all students, the proportion who successfully completed degree-applicable semester unit thresholds in the fall term of the selected year
(Number of students/enrollments in brackets [])



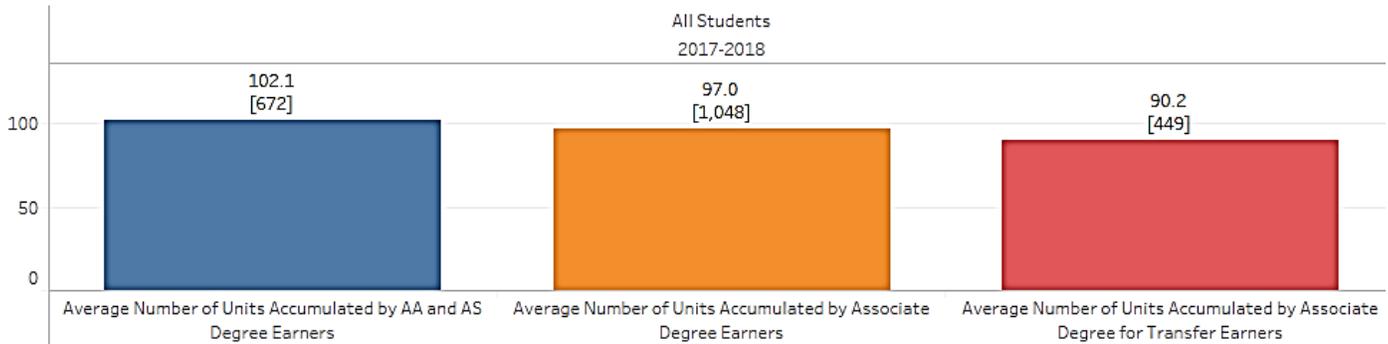
Source: Student Success Metrics 2017-2018

COMPLETION: DEGREES, CERTIFICATES AND TRANSFER

UNITS ACCUMULATED BY ASSOCIATE DEGREE EARNERS. Among all SCC students who earned an associate degree in 2017-2018 who were enrolled in the previous academic year or in 2017-2018, the average number of units accumulated by associate degree earners is 97 units (the average calculation only includes those who had completed 60 or more units at community colleges). The average number of units accumulated by associate degree for transfer (AD-T) earners is 90.2 and that of the AA/AS degree earners is 102.1.

Success: Average Number of Units Accumulated by Associate Degree Earners (Number of Units)

Among all students who earned an associate degree in the selected year, and who were in enrolled in the previous or selected year, the average number of units earned in the California community college system among students who had completed at least 60 units at any community college
(Number of students/enrollments in brackets [])



Source: Student Success Metrics 2017-2018

TRANSFER. Numbers of transfers to University of California (UC) and California State University (CSU) have all fluctuated over the past few years (Table 1).

Table 1. Numbers of transfers to UC and CSU AY 2013-14 to AY 2018-19

SCC metrics (PRIE data)	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19
Number of students transferring to CSU	832	698	710	778	761	N/A
Number of students transferring to UC*	309	283	263	287	314	316**
Total	1141	981	973	1065	1075	

Sources: CSU transfer data <http://asd.calstate.edu/ccct/2017-2018/SummaryYear.asp>; and UC transfer data <https://www.universityofcalifornia.edu/infocenter/admissions-source-school>. Accessed 09/19/19.

* Numbers might not match previous reports because of UC's data updates to include Spring data.

** Fall data only for UC.

AWARDS. **Figure 9** shows number of SCC degrees and certificates awarded, and number of students receiving awards.

Figure 1. SCC Degrees & Certificates Awarded, AY 2014-15 to AY 2018-19*

Number of Awards (duplicated count)

	2014-2015	2015-2016	2016-2017	2017-2018	2018-2019
AA/AS	1,365	1,166	1,225	1,139	1,455
AA-T/AS-T	269	416	467	547	673
CERT	637	479	392	345	449
Grand Total	2,271	2,061	2,084	2,031	2,577

Number of Students Receiving Awards (unduplicated count)

	2014-2015	2015-2016	2016-2017	2017-2018	2018-2019
AA/AS	1,006	874	886	862	927
AA-T/AS-T	267	406	458	533	653
CERT	491	392	337	288	377
Grand Total	1,513	1,493	1,532	1,539	1,742

Source: Awards File

* Note: Graduates may receive more than one degree or certificate.

LICENSURE AND JOB PLACEMENT RATES FOR CAREER TECHNICAL EDUCATION (CTE) PROGRAMS

Fifty percent of CTE programs at SCC have licensure exam pass rates of 90 percent or above.

Licensure Examinations Pass Rates for Students in SCC CTE Programs, Fall 2018

CTE Program (Exam)	CIP code	Type of exam	College set standard	Pass rate for 2018 annual report
Cosmetology (Written Exam)	12.04	state	80%	76%
Cosmetology (Practical Exam)	12.04	state	80%	81%
Nail Technology (Written Exam)	12.04	state	80%	n/a
Nail technology (Practical Exam)	12.04	state	80%	n/a
Dental Hygiene (National Exam)	51.06	national	80%	100%
Dental Hygiene (State Exam)	51.06	state	80%	100%
Dental Assisting (Written Exam)	51.06	state	80%	100%
Dental Assisting (Practical Exam)	51.06	state	80%	n/a
Physical Therapist Assistant	51.08	national	85%	95%
Registered Nursing	51.39	state	80%	95%
Vocational Nursing	51.39	state	80%	73%
Electronics Technology (Exam Element 1)	47.01	national	80%	n/a
Electronics Technology (Exam Element 2)	47.01	national	80%	n/a
Electronics Technology (Exam Element 3)	47.01	national	80%	n/a
Mechanical-Electrical Technology (Type I Certification Exam)	15.08	national	80%	94%
Mechanical- Electrical Technology (Type II Certification Exam)	15.08	national	80%	94%
Mechanical-Electrical Technology (Type III Certification Exam)	15.08	national	80%	96%
Mechanical-Electrical Technology (Universal)	15.08	national	80%	90%
Railroad Operations	49.02	national	80%	n/a
Aeronautics-Airframe & Powerplant	47.06	national	80%	100%
Air Dispatch (FAA Aircraft Dispatcher Knowledge Exam)	49.01	national	80%	100%
Air Dispatch (FAA Aircraft Dispatcher Practical Exam)	49.01	national	80%	91%

Over eighty percent of CTE programs with 10 or more graduates have a job placement rate of 70 percent or above.

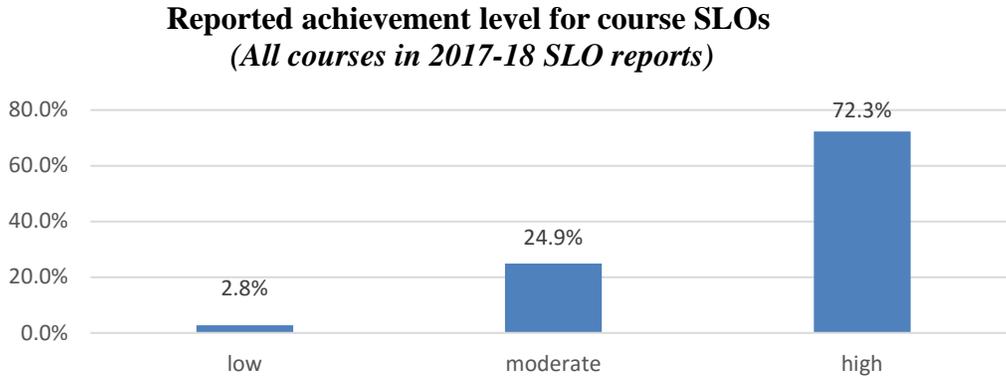
Job placement Rates (Perkins IV Core Indicator data) for Students Completing SCC CTE Programs, 2018-19

Program	Institution set standard	Job Placement Rate
Business and Commerce, General (includes Business General AS; Customer Service Certificate)	70%	86.67%
Accounting (includes Accounting Clerk Certificate; Accounting AS; Full Charge Bookkeeper Certificate)	70%	81.43%
Business Management (Includes Management AS, Certificate; Small Business Management AS, Certificate)	70%	75.00%
Digital Media (includes Graphic Communication AS, Certificate; 3D Animation and Modeling Certificate; Game Design Certificate; User Interface and Web Design Certificate; Web Production Specialist Certificate)	60%	62.96%
Computer Programming (includes Front-End Web Developer Certificate; Programming Certificate; Web Developer AS, Certificate)	70%	58.82%
Computer Infrastructure and Support (includes Information Systems Security AS, Certificate)	70%	90.00%
Computer Networking (includes Advanced CISCO Networking Certificate; Network Design AS, Certificate; Network Administration AS, Certificate)	70%	76.32%
Electronics and Electrical Technology (includes Automated Systems Technician AS, Certificate; Electronics Facilities Maintenance Technician AS, Certificate; Electronics Mechanic Certificate; Microcomputer Technician AS, Certificate; Telecommunications Tec)	70%	54.55%
Environmental Control Technology (includes HVAC Systems Design AS, Certificate; Commercial Building Energy Auditing and Commissioning Specialist Certificate; Mechanical Systems Technician Certificate; Mechanical-Electrical technology AS, Certificate)	70%	85.71%
Railroad and Light Rail Operations (includes Railroad Operations AS, Certificate)	60%	72.00%
Aeronautical and Aviation Technology (includes Powerplant AS, Certificate; Airframe AS, Certificate; Combined Airframe/Powerplant AS, Certificate)	60%	70.37%

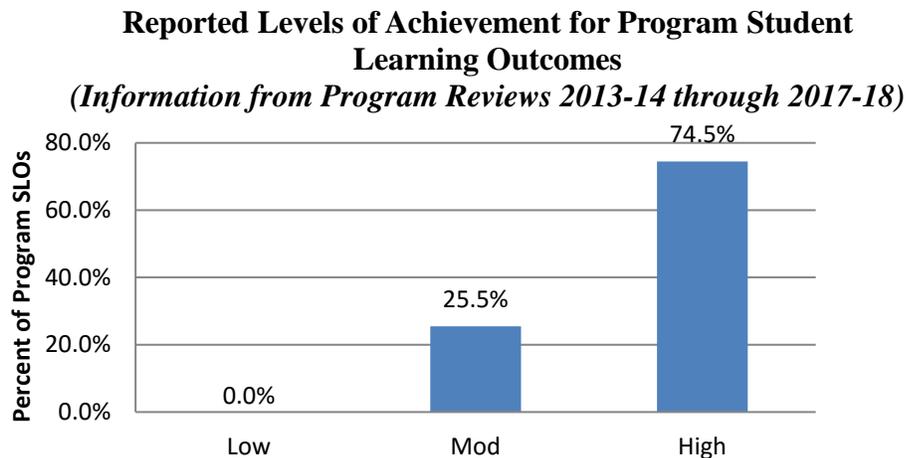
Applied Photography (includes Commercial and Magazine Photography Certificate; Photography AA, Certificate; Portrait and Wedding Photography Certificate)	60%	55.88%
Occupational Therapy Technology (includes Operational Therapy AS)	75%	83.33%
Physical Therapist Assistant (includes Physical Therapist Assistant AS)	75%	91.30%
Registered Nursing (includes Registered Nursing AS; LVN-RN 30-Unit Option Certificate)	75%	97.73%
Licensed Vocational Nursing (includes Vocational Nursing AS, Certificate)	75%	87.80%
Dental Assistant (includes Dental Assisting AS, Certificate)	75%	87.50%
Dental Hygienist (Includes Dental Hygiene AS)	75%	96.30%
Child Development/Early Care and Education (includes Early Childhood Education Administration AA; Early Childhood Education Teacher AA; Family Child Care Certificate; Infant Care and Education Teacher Certificate; School-Age Care and Education Teacher Cert.)	60%	86.21%
Library Technician (Aide) (includes Library and Information Technology AS, Certificate)	70%	90.91%
Administrative of Justice (includes Administrative of Justice AS)	70%	82.57%
Cosmetology and Barbering (includes Cosmetology AS, Certificate; Art and Science of Nail Technology)	60%	79.53%

STUDENT LEARNING OUTCOME (SLO) ACHIEVEMENT

Nearly all course SLOs show moderate to high achievement. In each of the past three years more than two-thirds of courses have reported achievement: 2015-16 = 68 percent, 2016-17 = 72 percent, and 2017-18 = 62 percent. The figure below provides a more detailed look at the reported 2017-18 course SLO levels. This includes results for 397 course SLOs.



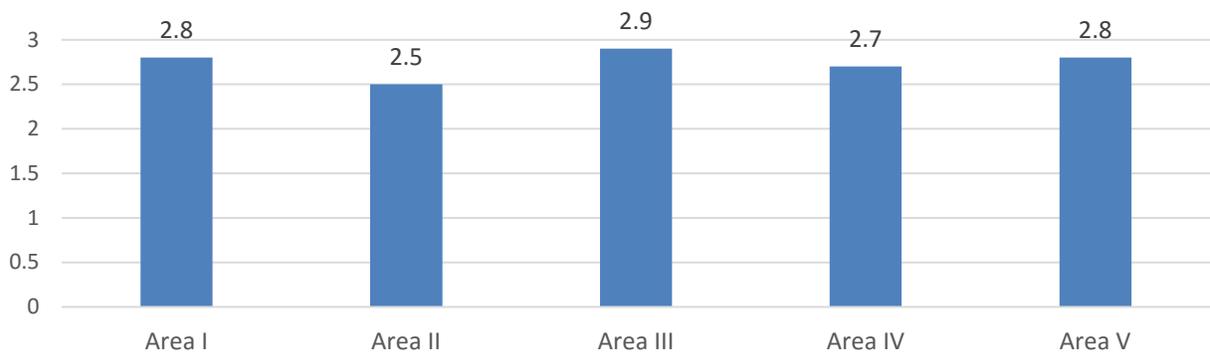
Achievement of Program SLOs is high. No ProLOs were reported to have low levels of student achievement; the majority had high reported achievement levels.



General Education SLOs

Course SLO reports were analyzed based on the Associate’s Degree that the course fulfills. Course SLO achievement averaged 2.5 or higher for all GE areas. Area II SLO achievement was somewhat lower than the other GE areas. The courses in Area II that were reported on in the time period studied were from area II b – Communication and Analytical Thinking. The implementation of new courses and new placement methods in Math courses is currently underway; this is expected to affect the achievement of course SLOs in this area.

Average course SLO achievement by Associate Degree GE Area
(Sp18 through Sp19)



Institutional SLOs

Institutional SLOs (ISLOs) were assessed through a survey of students completing degrees and certificates at the college. The survey asked graduates to rate the extent that they achieved the college ISLOs using a scale from 1 = not at all to 5 = yes, very much.

For all but two ISLOs at least 90% of responses indicated moderate to high achievement of the outcome (a rating of 3 to 5 on the 5-point scale). Two ISLOs had fewer than 90% of the responses in this range – Gaining lifelong learning skills in the areas of healthful living (77%) and technology (80%).

For eight of the thirteen ISLOs over half of the responses indicated the highest level of achievement (a rating of 5 on the 5-point scale).

SCC ISLO Survey Results Spring 2019	% indicating moderate to high achievement	% indicating highest achievement
During your studies at SCC did you...		
Learn to use effective reading and writing skills?		
Effective reading skills	95%	52%
Effective writing Skills	96%	56%
Gain lifelong learning skills in the following areas?		
Healthful living	77%	33%
Effective spoken communication skills	94%	42%
Sensitivity to other cultures	91%	50%
Technology skills	80%	29%
Learn to use information resources and analyze information using the following approaches?		
Using critical thinking	99%	57%
Using problem solving skills	96%	54%
Examining how personal ways of thinking influence reasoning	93%	51%
Using quantitative (numerical) methods	90%	39%
Develop a depth of knowledge in your major area of study that includes the following?		
Applying content knowledge in your major area	94%	57%
Becoming fluent in the terminology of your major area	96%	49%
Evaluating information in your major area	95%	53%