

SCC Report on Student Success and Achievement, Fall 2015

OVERVIEW

Completing courses successfully – About two-thirds of course grades are a C or better.

Successful grades = A, B, C, Pass, Credit. Unsuccessful grades = D, F, W, No Pass, or Incomplete.

- The Fall 2014 SCC overall course success rate = 65.8%

Staying in school – Although only about 40% of students of the students who start at SCC one fall semester are still at SCC the following fall, over 75% enroll at a community college somewhere in California for 3 consecutive semesters. Over 60% complete at least 30 units.

- The Statewide Scorecard indicator 3-semester persistence rate shows that 75.6% of new SCC students enroll somewhere in the California Community College system for three consecutive semesters. (2015 Statewide Scorecard)
- Statewide Scorecard 30 unit completion rate = 62.0% (2015 Statewide Scorecard)

Basic skills – Many students starting in the lowest levels of Writing or Math don't complete transfer levels of those subjects at SCC.

The statewide Scorecard includes measures of student progress through the sequence of basic skills courses in English Writing, Mathematics, and ESL.

- **English Writing:** 38.5% of the students who started in the lowest level of English writing, ENGWR 51/52, successfully completed a transferable English course (ENGWR 300 or higher).
- **Mathematics:** 21.2% of the students who started in the lowest levels of math, Math 27/28/34, successfully completed Math 120 or higher.
- **ESL:** 43.2% of the students who started in a non-transferable ESL course successfully completed a transferable ESL or English course.

Completing educational goals – Most students who are prepared for college-level work complete, graduate, or transfer.

- In 2014-15, SCC awarded 1,634 degrees and 637 certificates.
- In Fall 2014, 924 SCC students transferred to UC or CSU (most recent data).
- College prepared students have higher 2015 State Scorecard completion rates than those who are not.
 - 66.6% for college-prepared students
 - 41.0% for unprepared students
 - 47.0% overall

Licensure and Job Placement rates – Many Career Technical Education programs have licensure exam pass rates of over 90%

- SCC students have pass rates of 90% or above on ten of the twenty-two licensure exams that they take. SCC students have pass rates of 80% or above on twenty of the twenty-two exams.
- SCC graduates in eleven of the twenty-eight employment areas had job placement rates of 70% or above.

Program and General Education Student Learning Outcomes–Mostly high or moderate achievement.

No instructional Program SLOs (ProLOs) were reported to have low levels of student achievement; the majority had high reported achievement levels and some reported moderate achievement levels. All General Education (GE) areas reported more high or moderate achievement than low achievement. For Instructional program SLOs and GE SLOs with moderate and low success, follow-up changes were planned.

Detailed information

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

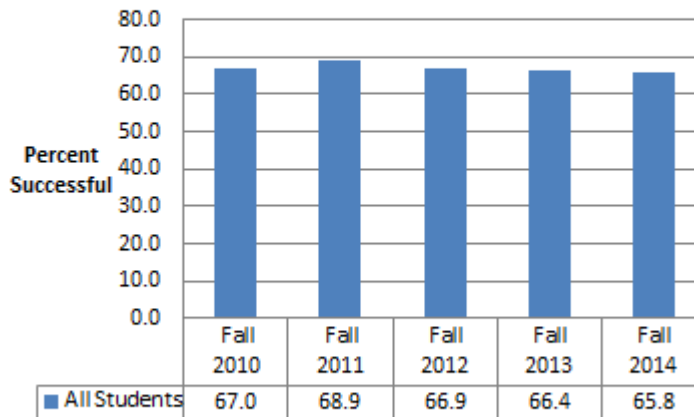
Completing courses successfully

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's 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%, since the 1980s. In the last 10 years the lowest overall course success rate for the college was 64%; the average for the last 10 years is 66%. Currently the overall course success rate is about 66%. The college-set baseline standard is 63%; if the course success falls below this number we will work to discover what occurred and how the situation might be improved.

SCC Successful Course Completion, Fall 2010 to Fall 2014 (%)



1-10

Source: Research Database Files

Sacramento City College
Office of Planning, Research & Institutional Effectiveness

Source: Los Rios Community College District Research Database as reported in PRIE planning data files. Note: The change in the drop-without-a-W rate resulted in lower course success rates in Fall 12 due to more "W" grades in many classes.

Improving basic skills

The majority of individuals taking the assessment exams placed into pre-transfer basic skills classes; substantial percentages place into pre-collegiate basic skills classes. (Note: Not all of the individuals who took the assessment exams eventually enrolled at SCC as students). Course numbers lower than 300 = pre-transfer level courses. Course numbers lower than 100 = pre-collegiate level courses.

Percent of individuals taking the assessment exams placing into pre-collegiate or pre-transfer levels.		
Fall 2014	Pre-collegiate (%)	Pre-transfer (%)
Reading	18.5%	44.1%
Writing	32.5%	64.3%
Math	33.8%	91.9%

The statewide Scorecard includes measures of student progress through the sequence of basic skills courses in English Writing, Mathematics, and ESL. (2015 Scorecard)

- **English Writing:** 38.5% of the students who started in ENGWR 51/52 successfully completed a transferable English course.
- **Mathematics:** 21.2% of the students who started in Math 27/28/34 successfully completed Math 120 or higher.
- **ESL:** 43.2% of the students who started in a non-transferable ESL course successfully completed a transferable ESL or English course.

Course success rates (Fall 2014) for English and Math course levels show that students struggle with some levels of Math.

English Reading Course Success F14

Transfer level (300 and above) = 76.4%

1 level below transfer = 61.6%

2 levels below transfer = 63.2%

3 levels below transfer = 52.9%

English Writing

Transfer level (300 and above) = 67.3%

1 level below transfer = 55.9%

2 levels below transfer = 57.1%

Mathematics

Transfer level (300 and above) = 52.7%

1 level below transfer = 45.5%

2 levels below transfer = 40.7%

3 levels below transfer = 51.9%

4 levels below transfer = 47.5%

Staying in school

The statewide “Scorecard” for community colleges has two measures related to students staying in school. These measures look at students who earned at least six units and attempted any Math or English course within three years of entering SCC.

- **3 semester persistence:** The percent who enroll in college, somewhere in the California Community College system, for three consecutive semesters; the 2015 Scorecard shows this as 75.6% for SCC.
- **30 unit measure:** The percent who complete 30 units within 6 years of starting college; the 2015 Scorecard shows this as 62.0% for SCC

<i>The current cohort began college in 2008-2009 and was tracked through 2013-2014</i>	Percent of cohort students who....	SCC Score (%) 2015 Scorecard
Three Consecutive Semester Persistence in the CCC system		
First time SCC students who earned at least 6 units and attempted any Math or English course within 3 years of entering college.	...enrolled in three consecutive semesters anywhere in the CCC system (e.g. Fall, Spring, Fall).	SCC Overall 75.6%
Completion of 30 units		
First time SCC students who earned at least 6 units <u>and</u> attempted any Math or English course within 3 years of entering college.	...earned at least 30 units anywhere in the CCC system within 6 years of entering college.	SCC Overall 62.0%

SCC metrics: (PRIE data)	<i>F 12</i>	<i>F 13</i>	<i>F 14</i>	<i>SCC baseline standard</i>	<i>SCC 10 year range</i>
Fall-to-Fall persistence rate at SCC	43.0%	41.6%	42.0%	37%	37.8% - 43.0%

Completing educational goals

The number of degrees and certificates awarded by SCC has increased over the past few years. In 2014-15 SCC awarded 1,634 degrees and 637 certificates. The college-set standard for the awards is 1,000 for degrees awarded and 350 for certificates awarded; if the course success falls below this number we will work to discover what occurred and how the situation might be improved.

Academic Year	Associate degrees awarded	Certificates awarded
2007-08	1,018	361
2008-09	1,258	434
2009-10	1,242	355
2010-11	1,130	496
2011-12	1,500	405
2012-13	1,481	534
2013-14	1,654	491
2014-15	1,634	637
<i>Data source PRIE database files</i>		

The statewide “Scorecard” for community colleges includes a **Scorecard completion measure**. This measure looks at students who earned at least 6 units and attempted any Math or English course within three years of entering college. The Scorecard completion measure gives the percent of those students who transferred to a 4 year college/university, got a degree or certificate, or became transfer prepared within 6 years of enrolling in community college; the 2014 Scorecard shows this as 51.6% overall for SCC. Students who were academically prepared for college had a Scorecard completion rate of 68.5%. Students who were not academically prepared for college had a Scorecard completion rate of 46.4%.

Cohort Definition (denominator) <i>The current cohort began college in 2008 – 2009 and was tracked through 2013 – 2014</i>	N	Metric Definition Percent of cohort students who...	SCC Score (%) 2015 Scorecard
Completion rate (previously called the Student Progress and Attainment Rate)			
First-time SCC students who earned at least 6 units and attempted any Math or English course within 3 years of starting college.	2,968	...transferred to a 4-year, got a degree or certificate, or became transfer prepared within 6 years.	66.6% for college-prepared students 41.0% for students who were not prepared for college-level work. 47% overall

“Transfer prepared” = student successfully completed 60 transferable units with a GPA ≥ 2.0

In 2014-15, 924 students transferred to UC or CSU. Note that transfers to CSU and UC were affected in recent years by enrollment limits at the universities. The college-set standard for the number of students who transfer to UC and CSU is 700. If the number of transfers falls below this standard we will work to discover what occurred and how the situation might be improved.

Licensure and Job Placement rates for Career Technical Education programs

Forty-five percent of CTE programs at SCC have licensure exam pass rates of 90% or above. Twenty-five percent of SCC graduates in eleven employment areas had job placement rates of 70% or above.

Licensure examinations pass rates for students in SCC CTE programs:

Program (2012-13 Exam Pass Rates; most recent data available)	CIP Code 4 digits (##.##)	Examination	Institution set standard (%)	Pass Rate (%)
Cosmetology (Written Exam)	12.04	state	80 %	77 %
Cosmetology (Practical Exam)	12.04	state	80 %	87 %
Nail Technology (Written Exam)	12.04	state	80 %	95 %
Nail Technology (Practical Exam)	12.04	state	80 %	65 %
Dental Hygiene (National Exam)	51.06	national	80 %	86 %
Dental Hygiene (State Exam)	51.06	state	80 %	90 %
Dental Assisting (Written Exam)	51.06	state	80 %	100 %
Dental Assisting (Practical Exam)	51.06	state	80 %	89 %
Physical Therapist Assistant	51.08	national	85 %	92 %
Registered Nursing	51.39	state	80 %	80 %
Vocational Nursing	51.39	state	80 %	80 %
Electronics Technology (Exam Element 1)	47.01	national	80 %	100 %
Electronics Technology (Exam Element 2)	47.01	national	80 %	90 %
Electronics Technology (Exam Element 3)	47.01	national	80 %	85 %
Mechanical-Electrical Technology (Type I Certification Exam)	15.08	national	80 %	85 %
Mechanical-Electrical Technology (Type II Certification Exam)	15.08	national	80 %	87 %
Mechanical-Electrical Technology (Type III Certification Exam)	15.08	national	80 %	89 %
Mechanical-Electrical Technology (Universal)	15.08	national	80 %	84 %
Railroad Operations	49.02	national	80 %	92 %
Aeronautics-Airframe & Powerplant	47.06	national	80 %	95 %
Air Dispatch (FAA Aircraft Dispatcher Knowledge Exam)	49.01	national	80 %	100 %
Air Dispatch (FAA Aircraft Dispatcher Practical Exam)	49.01	national	80 %	100 %

Job placement rates (from the Perkins IV Core Indicators) for students completing SCC career-technical certificates and degrees are shown below.

Program (data run Spring 2014)	CIP Code 4 digits (##. ##)	College set standard (%)	Perkins Job Placement Rate (%)
Note: Perkins job placement rates do not include self-employment; thus, college-set standards for Perkins rates are lower for areas where self-employment is common.			
Business/Commerce, Gen (includes Business Administration AST; Business, Customer Service Certificate; Business, General AA, AS)	52.01	70%	72%
Accounting (includes Accounting AS, Certificate; Accounting Clerk Entry Level Certificate; Accounting Clerk Adv Level Certificate)	52.03	70%	59%
Real Estate (includes Business, Real Estate AS)	52.15	60%	64%
Office Technology/Comput Aps (includes BusOfc Adm/Cler Gen, Lev A Certificate; Office Admin, Keyboarding Certificate; BusOffice Adm Virt Ofc Mgmt T AS; Bus/Office Adm/Simltn Intrn Lvl AS)	52.04	60%	58%
Digital Media (includes Graphic Communication AS, Certificate; GCOM, Graphic Design Prod Certificate; Game Design Certificate; Printing Technology Certificate)	9.07	60%	58%
Computer Networking (includes CIS, Network Administration AS, Certificate; CIS, Network Design AS, Certificate; CIS, Adv CISCO Networking Certificate)	11.09	70%	59%
Electronics & Electric Technology (includes ET, Auto Systems Tech AS; ET, Elect Mechanic Certificate; ET, Elec Facil Maint Tech AS, Certificate; ET, Automated Syst Tech Certificate)	47.01	70%	59%
Telecommunications Technology (includes Telecomm Technician AS, Certificate)	47.01	70%	71%
Environmental Control Technology(HVAC) (includes Mechanical-Electrical Tech AS, Certificate)	15.05	70%	68%
Railroad and Light Rail Operations (includes Railroad Operations AS, Certificate)	49.02	60%	44%
Aeronautical & Aviation Technology (includes Aero, Comb Airframe/Pwrplnt AS, Certificate)	15.08	60%	58%
Industrial Systems Technology and Maintenance (Mechanical Systems Technician Certificate; MET, Machinery Sys Tech Certificate)	15.08	70%	75%
Applied Photography (includes Photography AS)	99.1	60%	55%
Occupational Therapy Technology (includes Occupational Therapy Assistant AS)	51.08	75%	77%
Physical Therapy Assistant (includes Physical Therapist Assistant AS)	51.08	75%	82%
Registered Nursing (includes Nursing, Registered AS)	51.16	75%	84%
Licensed Vocational Nursing (includes Nursing, Vocational AS, Certificate)	51.16	75%	65%
Dental Assistant (includes Dental Assisting AS, Certificate)	51.06	75%	86%
Dental Hygenist (includes Dental Hygiene AS)	51.06	75%	80%

Child Development/Early Care and Education (includes ECE, Child Development AA; ECE, Associate Teacher Certificate; ECE, Early Childhood AA, Certificate; ECE, Teacher Certificate; ECE, Master Teacher AA, Certificate; ECE, Administration AA; ECE, Family Ch	19.07	60%	66%
Library Technician (Aide) (includes Library & Info Tech AS, Certificate)	25.03	70%	86%
Administration of Justice (includes Administration of Justice AA, AST; ADMJ, Police Services AS, Certificate)	99.21	70%	69%
Corrections (includes ADMJ, Correctional Services AS, Certificate)	43.01	70%	62%
Cosmetology and Barbering (includes Cosmetology, Art/Sci Nail Tech Certificate; Cosmetology AS, Certificate)	12.04	60%	48%
Aviation and Airport Management and Services (includes Aircraft Dispatcher AS, Certificate; Flight Technology AS, Certificate; Air Traffic Control AS)	49.01	60%	70%
Business Management (includes Business, Management AS, Certificate; Management Certificate)	52.02	70%	63%
Drafting Technology (includes EDT, Arch/Struct Drafting Certificate; EDT, HVAC Sys Design Certificate; Engineering Design Technology AS, Certificate; EDT, Elect (Power/Light Sys) AS, Certificate; EDT, HVAC/Plumbing Sys AS, Certificate; EDT, HVAC Sys Desig	89.53	70%	75%
Journalism (includes Journalism AA)	9.04	70%	50%

Student Learning Outcome Achievement

SLO assessment is occurring across the college.

SLOs are developed, implemented, and evaluated on a number of levels, from the course level to the institutional level. Course SLOs are developed and assessed in an ongoing fashion by SCC faculty. Course SLOs align directly with instructional program SLOs (ProLOs) and general education SLOs (GELOs). SLO assessment at SCC is continuous; reporting occurs periodically.

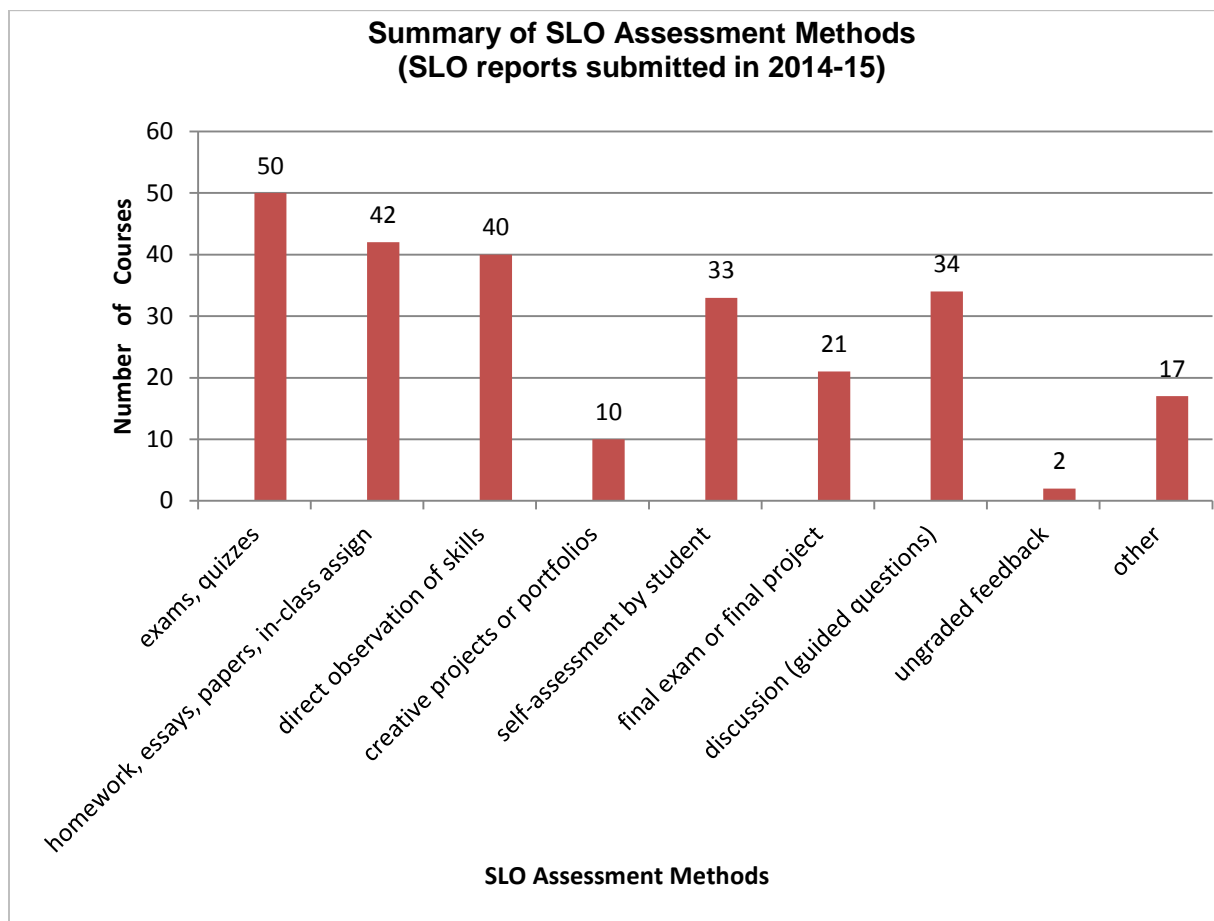
The Spring 2015 Annual Report to ACCJC (the accrediting body for SCC) showed that SLO assessment is occurring across the college. Data for that report is gathered from each department across the college. (Data sources - SOCRATES reports, spreadsheets completed by all departments, Program Reviews)

Courses	
Total number of college courses:	1310
Number of college courses with ongoing assessment of learning outcomes	1227
Percent of college courses with ongoing assessment of SLOs	94%
Instructional Programs	
Total number of college programs (all certificates and degrees, and other programs as defined by college):	201
Number of college programs with ongoing assessment of learning outcomes	172
Percent of instructional programs with ongoing assessment of SLOs (ProLOs)	86%
Student Learning and Support Services	
Total number of student and learning support activities	22
Number of student and learning support activities with ongoing assessment of learning outcomes	19
Percent of student and learning support activities with ongoing assessment of SLOs	86%

GE and Institutional SLOs	
Number of courses identified as part of the GE program:	566
Percent of GE courses with ongoing assessment of GE learning outcomes:	99%
Number of Institutional Student Learning Outcomes defined (The combination of GE SLOs and General Student Services SLOs)	4
Percent of institutional outcomes (ILOs) with ongoing assessment of learning outcomes:	100%

Professors used a wide variety of methods to assess course SLOs; these methods link course SLO assessment to grades.

Methods used to assess course SLOs include exams, quizzes, homework, direct observation of student skills, etc. By aligning the expected learning outcomes with these assessment methods, professors were able to analyze students' learning. SLO assessment at SCC is continuous; reporting occurs periodically.

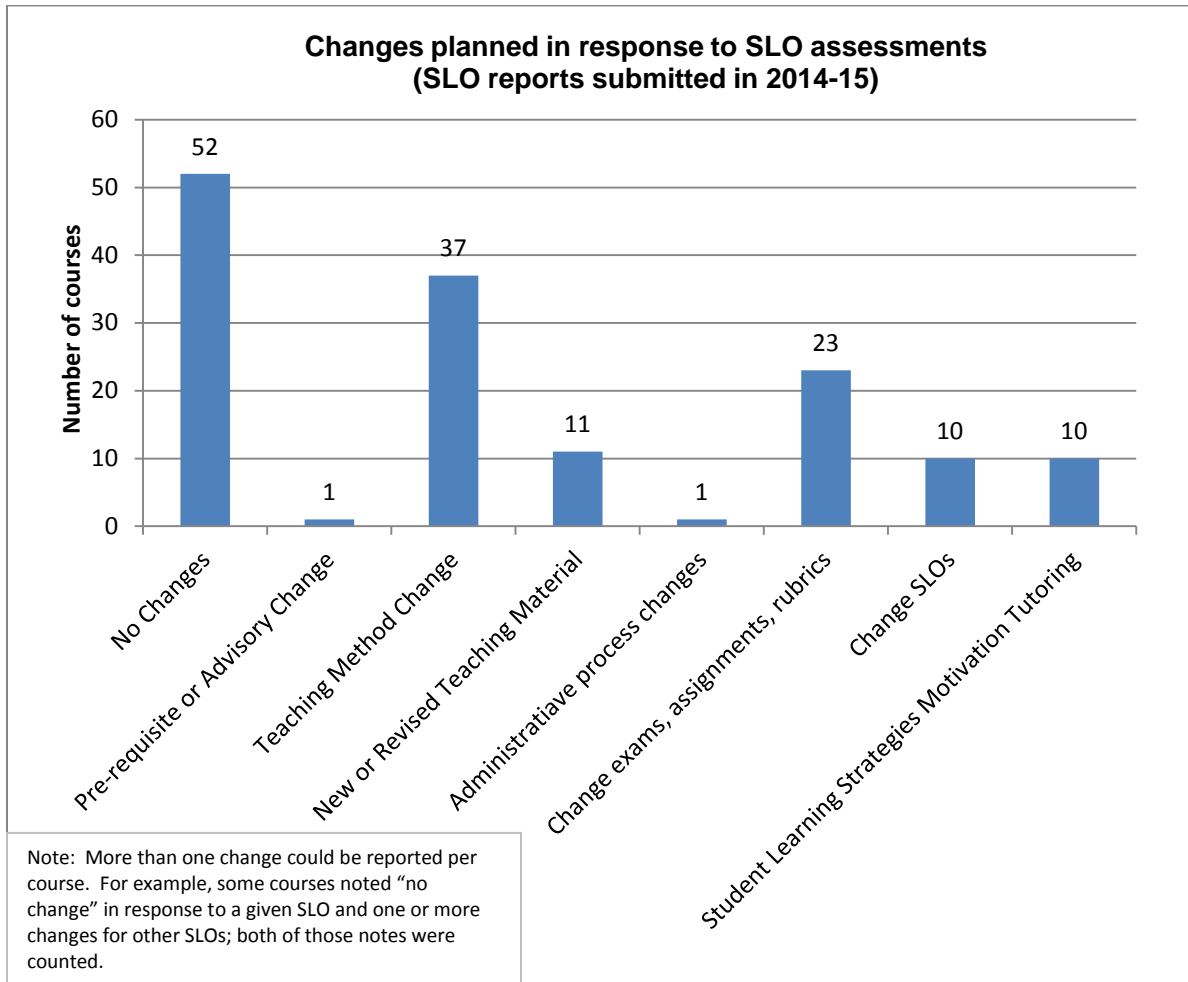


The use of these methods ensures that achievement of course SLOs is directly reflected in the grades students achieve in the courses. About two-thirds of course grades earned in the past academic year at SCC were a C or better, indicating that most students achieve the course SLOs. (For additional information see the course SLO webpage: <http://www.scc.losrios.edu/slo/course-slo/>)

As a result of the assessment of SLOs faculty reported a variety of planned changes to their courses.

The success stories about the impacts of SLO assessment at SCC are best told by a look at the number and type of changes that have been made to courses

based on assessment of course SLOs. Plans to modify teaching methods and changes in exams or assignments most were widely reported. In some cases, more than one change was planned for a single course. The figure below shows a summary of the changes planned in response to SLO assessment in courses for which SLO assessment reports were filed between Fall 2014 and Spring 2015.



Student Services has defined two levels of SLO:

Student Services General Learning Outcomes (SSGLOs): This term is used to refer to areas of learning that students have demonstrated knowledge of upon the completion of their educational experience in Student Services at Sacramento City College.

Student Services Area Learning Outcomes (SSALOs): This term is used to refer to any student learning outcome results from interactions with specific Student Services

department/program. Student Service Areas align their SLOs with the Student Services General Learning Outcomes (SSGLOs).

The SSGLOs are shown below:

1. Information Competency

Demonstrate the skills necessary to identify and use a variety of tools to locate and retrieve information in various formats for a variety of growth opportunities including academic, financial, personal, professional and career.

2. Life Skills and Personal Development

Take responsibility for personal growth and self-advocacy in academic, ethical, financial, personal, social, professional and career development.

3. Critical Thinking

Identify and analyze problems: creatively question, propose, analyze, implement and evaluate solutions to problems.

4. Global and Cultural Awareness

An understanding of one's own culture and its impact on others, as well as a deeper understanding of cultures other than one's own.

A survey conducted by the Workgroup showed that Student Services SLOs were being widely assessed. Assessment methods included pre/post assessments, surveys of students, data on the use of services, student self-assessment, coursework, etc. Most departments were assessing 2-4 SLOs per year.

Number of SLOs assessed per year by Student Service areas responding to the workgroup survey	
Number of SLOs assessed	
1	1 area
2-4	10 areas
5-10	4 areas
More than 10	4 areas

The assessment data is used in written reports, discussions, and planning work. For more information see the Student Services SLO Workgroup survey results at the following link:

<http://www.scc.losrios.edu/slo/student-services-slo-fall-2014-survey-responses/>

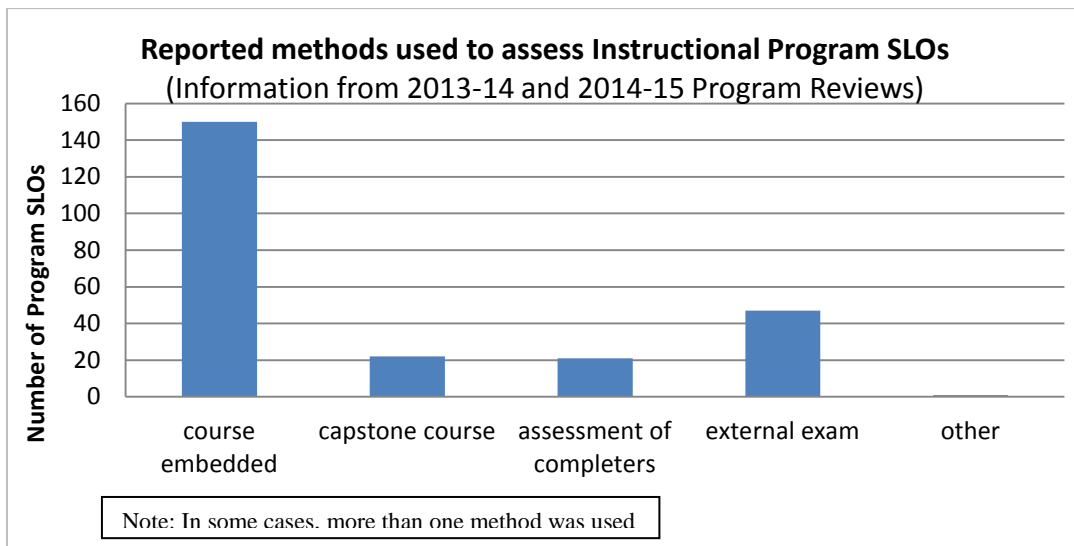
Instructional Program Student Learning Outcomes (ProLOs) are in place and assessment is being reported via the instructional program review cycle.

Student Learning Outcomes for degree and certificate programs (called ProLOs at SCC) have been defined for over 97% of degrees and certificates. Programs also map courses to program outcomes. Forms and guidelines for completing a ProLO matrix showing the

alignment of courses with degree or certificate outcomes have been available since the 2008-2009 academic year. All new degrees and certificates and any degrees or certificates which are reviewed as part of regular program review submit this matrix.

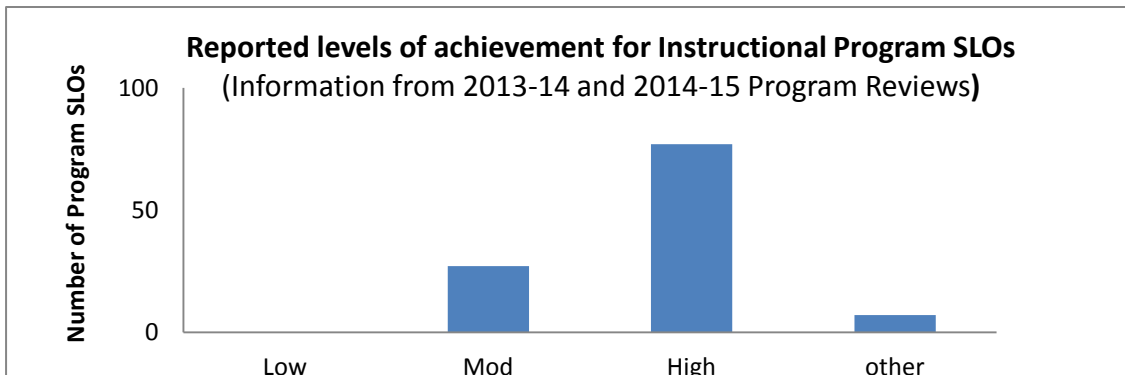
ProLO assessment results are reported as part of Program Review. The 2013-14 and 2014-15 Program review included 204 ProLOs from 32 instructional programs. Assessments of ProLO achievement were conducted using a variety of methods, with course-embedded assessment the most common.

Program SLOs for all SCC Degree and Certificate programs can be found in the SCC Catalog which can be found at the following link: <http://www.scc.losrios.edu/catalog/>. The information below summarizes the achievement of Program SLOs for SCC Degree and Certificate programs from recent Program Reviews.



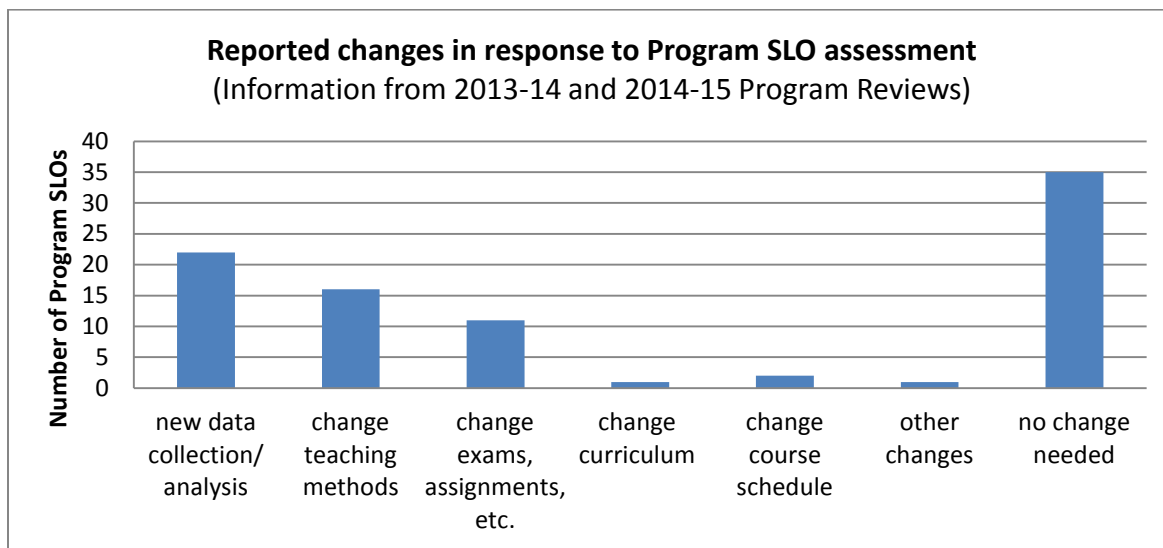
Achievement of Instructional Program SLOs is high.

No ProLOs were reported to have low levels of student achievement; the majority had high reported achievement levels. (Not all programs in the 2013-14 and 2014-15 academic years reported the level of achievement for each ProLO.)



Departments use this information to make needed changes.

Departments reported a variety of changes in response to ProLO assessment. The most common types of planned changes were new data collection or analysis, changes to teaching methods, and changes to exams or assignments.



Achievement of General Education Student Learning Outcomes (GELOs) Outcome is moderate to high

SCC GELOs: Upon completion of a course of study (degree, certificate, or substantial course work), a student will be able to...

- demonstrate effective reading, writing, and speaking skills. (Communication)
- demonstrate growth and lifelong learning skills in the personal, academic, and social domains of their lives. (Life Skills)
- demonstrate awareness of the various ways that culture and ethnicity shape and impact individual experience and society as a whole. (Cultural Competency)
- demonstrate knowledge of information needs and resources and the necessary skills to use these resources effectively. (Information Competency)
- demonstrate skills in problem solving, critical reasoning and the examination of how personal ways of thinking influence these abilities. (Critical Thinking)
- demonstrate knowledge of quantitative methods and skills in quantitative reasoning. (Quantitative Reasoning)
- demonstrate content knowledge and fluency within his or her course of study. (Depth and Breadth)

In Fall 2014, the college undertook a comprehensive, course embedded assessment of GE SLOs (Assessment of General Education Learning Outcomes, Fall 2014, Sacramento City College, Author and Principal Investigator: Rick Woodmansee). The *GELO Alignment*

document developed by the GE Subcommittee of the Curriculum Committee was used to determine linkages between GELO areas and the GE Areas stated in the SCC General Education Graduation Requirements.

All GE areas showed more course reporting High + Moderate achievement than Low achievement. For SLOs with moderate and low success, plans for follow-up changes were reviewed. For more information regarding the General Education Learning Outcomes, use the following link to the Student Learning Outcomes Institutional Effectiveness report:
<https://dms.scc.losrios.edu/alfresco/d/d/workspace/SpacesStore/44f02c92-da4f-4428-bc8f-d43f03cb3321/8-%20Student%20Learning%20Outcomes%20Report%202014.pdf>