

Core Curriculum Student Learning Outcomes

Compilation Report

The Assessment Committee will review the results for each Core Objective on a rotating basis so that an in-depth evaluation may be conducted. Thus, the evaluation of results for all six Core Objectives will occur over a four-year period. The following table outlines the planned four-year institutional cycle:

Objective	2014-2015	2015-2016	2016-2017	2017-2018
Critical Thinking (3 SLOs)	X			
Communication Skills (3 SLOs)		X		
Personal Responsibility (1 SLO)			X	
Social Responsibility (3 SLOs)			X	
Empirical & Qualitative Skills (2 SLOs)				X
Teamwork (2 SLOs)				X

For each Core Objective include:

- Summary of current results with relevant data tables
- Comparison of current results with previously collected data when available
- Summary of improvements
- General recommendations for improving student learning.

Submit report to the VP of Instruction.

Submit report to the THECB at our 10-Year SACS report.

Student Learning Outcomes

Student Learning Objectives (SLOs) were derived from the descriptions given by THECB. The Core Curriculum Committee developed Panola College SLOs for each Core Objective, adhering as closely as possible to the descriptions given. Each general education course will have course-specific SLOs that correlate with the College SLOs.

Critical Thinking Skills

- **THECB Description:** "to include creative thinking, innovation, inquiry and analysis, evaluation and syntheses of information"
- **Panola College SLOs:**
 - **CT1:** Generate and communicate ideas by combining, changing, or reapplying existing information
 - **CT2:** Gather and assess information relevant to a question
 - **CT3:** Analyze, evaluate and synthesize information

Communication Skills

- **THECB Description:** "to include effective development, interpretation and expression of ideas through written, oral and visual communication"
- **Panola College SLOs:**
 - **CS1:** Develop, interpret and express ideas through written communication
 - **CS2:** Develop, interpret and express ideas through oral communication
 - **CS3:** Develop, interpret and express ideas through visual communication

Empirical and Quantitative Skills

- **THECB Description:** "to include the manipulation and analysis of numerical data or observable facts resulting in informed conclusions"
- **Panola College SLOs:**
 - **EQS1:** Manipulate and analyze numerical data and arrive at an informed conclusion
 - **EQS2:** Manipulate and analyze observable facts and arrive at an informed conclusion

Teamwork

- **THECB Description:** "to include the ability to consider different points of view and to work effectively with others to support a shared purpose or goal"
- **Panola College SLOs:**
 - **TW1:** Integrate different viewpoints as a member of a team
 - **TW2:** Work with others to support and accomplish a shared goal

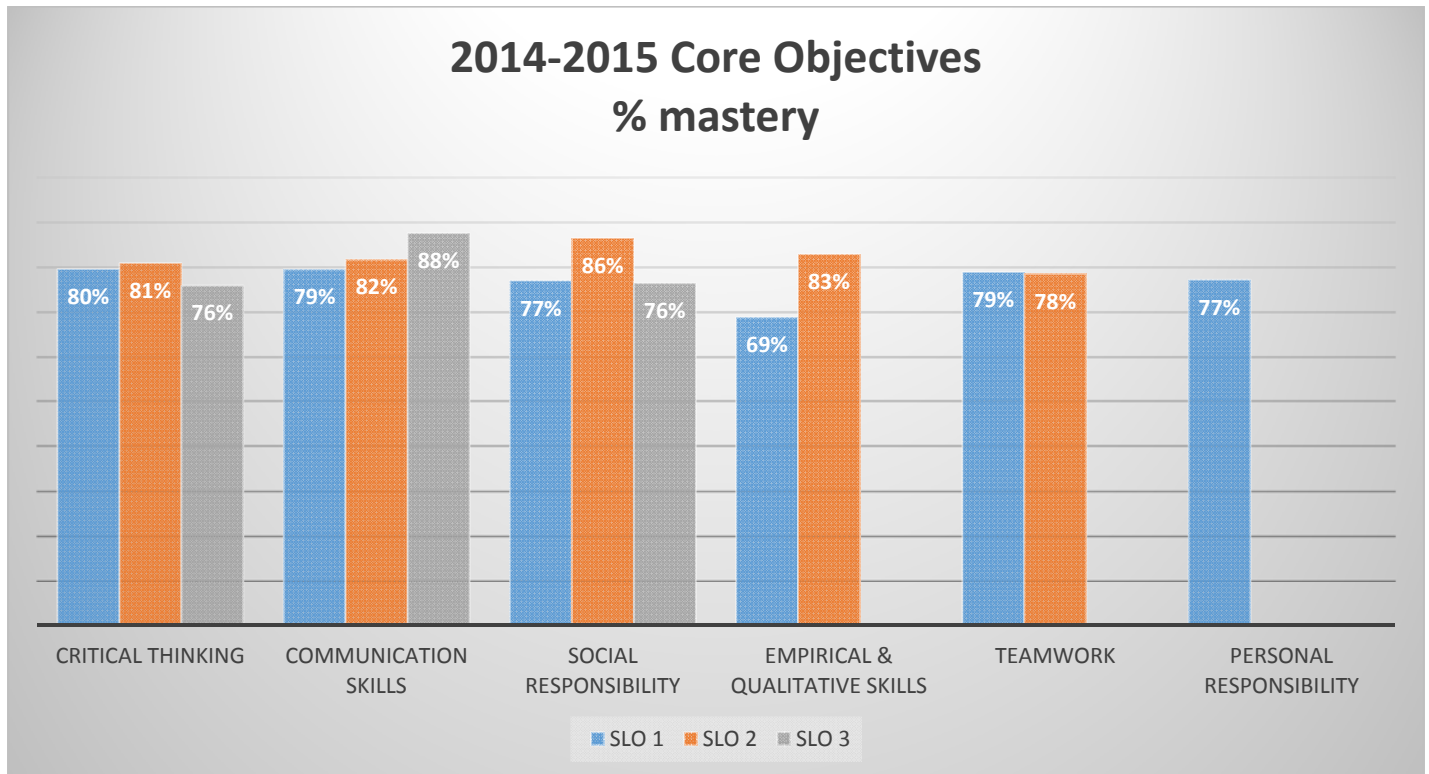
Social Responsibility

- **THECB Description:** "to include intercultural competence, knowledge of civic responsibility, and the ability to engage effectively in regional, national and global communities"
- **Panola College SLOs:**
 - **SR1:** Demonstrate intercultural competence
 - **SR2:** Identify civic responsibility
 - **SR3:** Engage in regional, national and global communities

Personal Responsibility

- **THECB Description:** "to include the ability to connect choices, actions and consequences to ethical decision-making"
- **Panola College SLO:**
 - **PR1:** Evaluate choices and actions and relate consequences to decision-making

*The institutional target for direct assessment of each Core Objective is a 70 percent success rate for all qualified students.



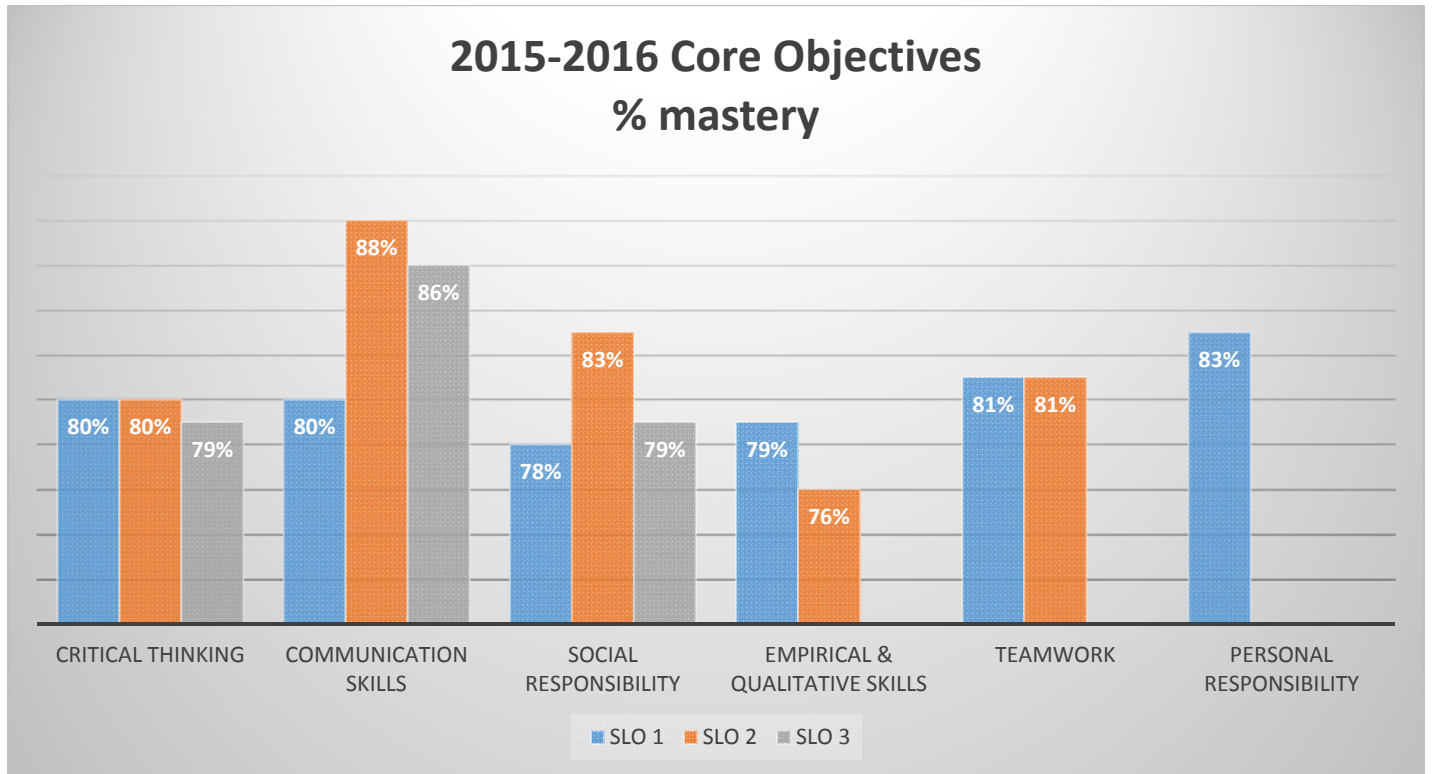
When looking at each separate core objective for the 14/15 academic year, Critical Thinking 1 and Social Responsibility 1 were lower than CT 2 and 3 and SR 2 and 3.

2014-2015

ASSOCIATE OF ARTS* /SCIENCE CORE CURRICULUM

Component Area	Hours	Course Options
Communication	6	Required: ENGL 1301 Select one SPCH: SPCH 1315, SPCH 1318
Mathematics	3	MATH 1314, 1324, 1325, 1332, 1342, 1350, 1351, 2312, 2413, 2414, 2415
Life and Physical Sciences	6	GEOL 1403, GEOL 1404, CHEM 1405, CHEM1407, CHEM 1411, CHEM 1412, BIOL 1406, BIOL 1407, BIOL 1408, BIOL 1409, BIOL 2401, BIOL 2402, BIOL 2404, BIOL 2406, PHYS 1403, PHYS 1404
Language, Philosophy and Culture	3	ENGL 2322, ENGL 2323, HUMA 1301, HUMA 1302, SPAN 2311, SPAN 2312
Creative Arts	3	ARTS 1301, MUSI 1306, DRAM 1310
American History	6	HIST 1301, HIST 1302, HIST 2301
Government/Political Science	6	GOVT 2305, 2306
Social & Behavioral Sciences	3	SOCI 1301, PSYC 2301, ECON 2301, ECON 2302
Component Area Option	6	Required: ENGL 1302 Select one of the following: ENGL 2311, SPAN 1411, SPAN 1412, SGNL 1301, SGNL 1302
Core Curriculum Total	42	
ADDITIONAL REQUIREMENTS FOR ASSOCIATE OF ARTS* OR SCIENCE DEGREE		
	2	Physical Education (Activity)
	3	BCIS 1305-Computer Applications
	13	Electives Suggested in Fields of Study
DEGREE TOTAL	60	

*The institutional target for direct assessment of each Core Objective is a 70 percent success rate for all qualified students.



When looking at each separate core objective for the 15/16 academic year, there were some decreases from the previous academic year. However, CT 1, CS 3, SR 1, SR 2, and PR increased.

ASSOCIATES OF ARTS*/SCIENCE CORE CURRICULUM 2015-2016

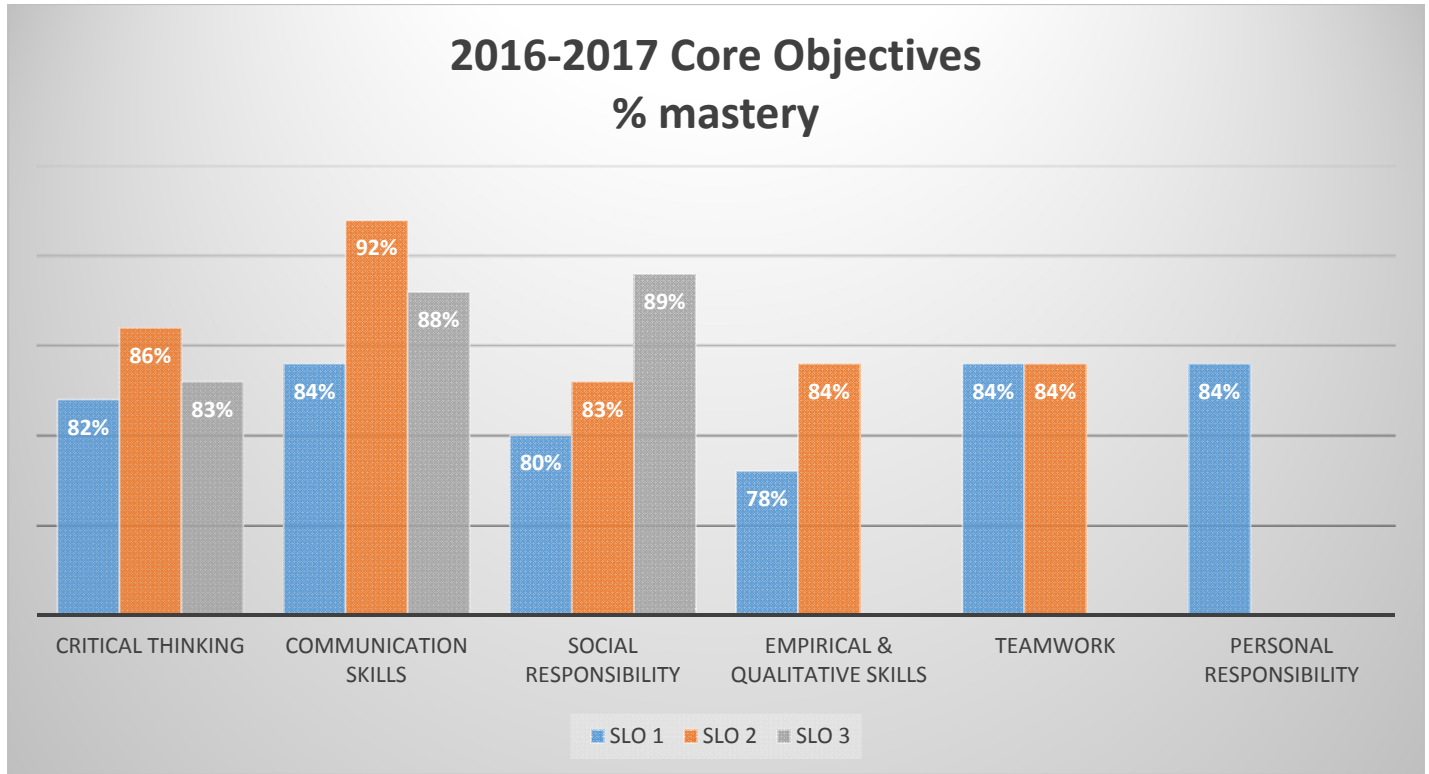
Component Area	Hours	Course Options
Communication	6	<u>Required:</u> ENGL 1301 <u>Select one of the following:</u> SPCH 1315, SPCH 1318
Mathematics	3	MATH 1314, 1324, 1325, 1332, 1342, 1350, 1351, 2312, 2413, 2414, 2415
Life and Physical Sciences	6	BIOL 1322, BIOL 1406, BIOL 1407, BIOL 1408, BIOL 1409, BIOL 2401, BIOL 2402, BIOL 2404, BIOL 2406, CHEM 1405, CHEM1407, CHEM 1411, CHEM 1412, GEOL 1403, GEOL 1404, PHYS 1403, PHYS 1404
Language, Philosophy, and Culture	3	ENGL 2322, ENGL 2323, HUMA 1301, HUMA 1302, SPAN 2311, SPAN 2312
Creative Arts	3	ARTS 1301, DRAM 1310, DRAM 2366, MUSI 1306
American History	6	HIST 1301, HIST 1302, HIST 2301
Government/Political Science	6	GOVT 2305, 2306
Social and Behavioral Sciences	3	CRIJ 1301, ECON 2301, ECON 2302, PSYC 2301, SOCI 1301
Component Area Option	6	<u>Required:</u> ENGL 1302 <u>Select one of the following:</u> ENGL 2311, SGNL 1301, SGNL 1302, SPAN 1411, SPAN 1412
TOTAL HOURS – CORE	42	

Additional Requirements for Associate of Arts* or Science Degree

	2	Physical Education (Activity)
	3	BCIS 1305 – Computer Applications
	13	Electives suggested in degree plan or Field of Study
TOTAL HOURS – DEGREE	60	

**Associate of Arts degrees must include 6-8 hours of a foreign language.*

*The institutional target for direct assessment of each Core Objective is a 70 percent success rate for all qualified students.



When looking at each separate core objective for the 16/17 academic year, there was a slight decrease from the previous academic year in Empirical & Qualitative objective one. Social Responsibility objective two stayed the same.

There were increases in all three Critical Thinking objectives, all three Communication Skills objectives, Social Responsibility objectives one and three, Empirical & Qualitative Skills objective two, both Teamwork objectives, and Personal Responsibility.

ASSOCIATES OF ARTS*/SCIENCE CORE CURRICULUM 2016-2017

Component Area	Hours	Course Options
Communication	6	<u>Required:</u> ENGL 1301 <u>Select one of the following:</u> SPCH 1315, SPCH 1318
Mathematics	3	MATH 1314, 1324, 1325, 1332, 1342, 1350, 1351, 2412, 2413, 2414, 2415
Life and Physical Sciences	6	BIOL 1322, BIOL 1406, BIOL 1407, BIOL 1408, BIOL 1409, BIOL 2401, BIOL 2402, BIOL 2404, BIOL 2406, CHEM 1405, CHEM1407, CHEM 1411, CHEM 1412, GEOL 1403, GEOL 1404, PHYS 1403, PHYS 1404
Language, Philosophy, and Culture	3	ENGL 2322, ENGL 2323, HUMA 1301, HUMA 1302, HUMA 2323, SPAN 2311, SPAN 2312
Creative Arts	3	ARTS 1301, DRAM 1310, DRAM 2366, MUSI 1306
American History	6	HIST 1301, HIST 1302, HIST 2301
Government/Political Science	6	GOVT 2305, 2306
Social and Behavioral Sciences	3	CRIJ 1301, ECON 2301, ECON 2302, PSYC 2301, SOCI 1301
Component Area Option	6	<u>Required:</u> ENGL 1302 <u>Select one of the following:</u> ENGL 2311, SGNL 1301, SGNL 1302, SPAN 1411, SPAN 1412
TOTAL HOURS – CORE	42	

Additional Requirements for Associate of Arts* or Science Degree

	2	Kinesiology(Activity)
	3	BCIS 1305 – Computer Applications
	13	Electives suggested in degree plan or Field of Study
TOTAL HOURS – DEGREE	60	

*Associate of Arts degrees must include 6-8 hours of a foreign language.

*The institutional target for direct assessment of each Core Objective is a 70 percent success rate for all qualified students.



When looking at each separate core objective, ...

ASSOCIATES OF ARTS*/SCIENCE

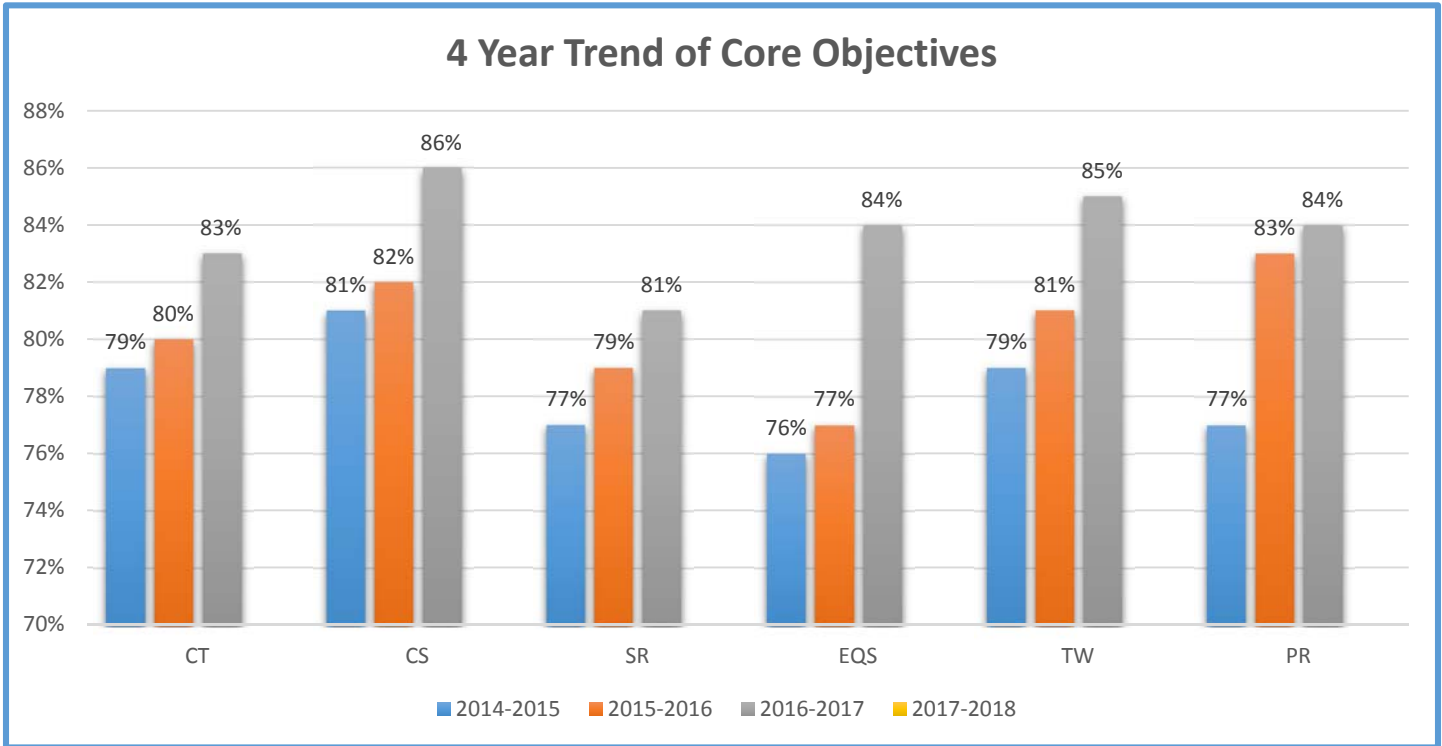
CORE CURRICULUM 2017-2018

Component Area	Hours	Course Options
Communication	6	<u>Required:</u> ENGL 1301 <u>Select one of the following:</u> SPCH 1315, SPCH 1318
Mathematics	3	MATH 1314, 1324, 1325, 1332, 1342, 1350, 1351, 2412, 2413, 2414, 2415
Life and Physical Sciences	6	BIOL 1322, BIOL 1406, BIOL 1407, BIOL 1408, BIOL 1409, BIOL 2401, BIOL 2402, BIOL 2404, BIOL 2406, CHEM 1405, CHEM 1407, CHEM 1411, CHEM 1412, GEOL 1403, GEOL 1404, PHYS 1403, PHYS 1404
Language, Philosophy, and Culture	3	ENGL 2322, ENGL 2323, HUMA 1301, HUMA 1302, HUMA 2323, SPAN 2311, SPAN 2312
Creative Arts	3	ARTS 1301, DRAM 1310, DRAM 2366, MUSI 1306
American History	6	HIST 1301, HIST 1302, HIST 2301
Government/Political Science	6	GOVT 2305, 2306
Social and Behavioral Sciences	3	CRIJ 1301, ECON 2301, ECON 2302, PSYC 2301, SOCI 1301
Component Area Option	6	<u>Required:</u> ENGL 1302 <u>Select one of the following:</u> ENGL 2311, SGNL 1301, SGNL 1302, SPAN 1411, SPAN 1412
TOTAL HOURS – CORE	42	

Additional Requirements for Associate of Arts* or Science Degree

	2	Kinesiology (Activity)
	3	BCIS 1305 – Computer Applications
	13	Electives suggested in degree plan or Field of Study
TOTAL HOURS – DEGREE	60	

*Associate of Arts degrees must include 6-8 hours of a foreign language.



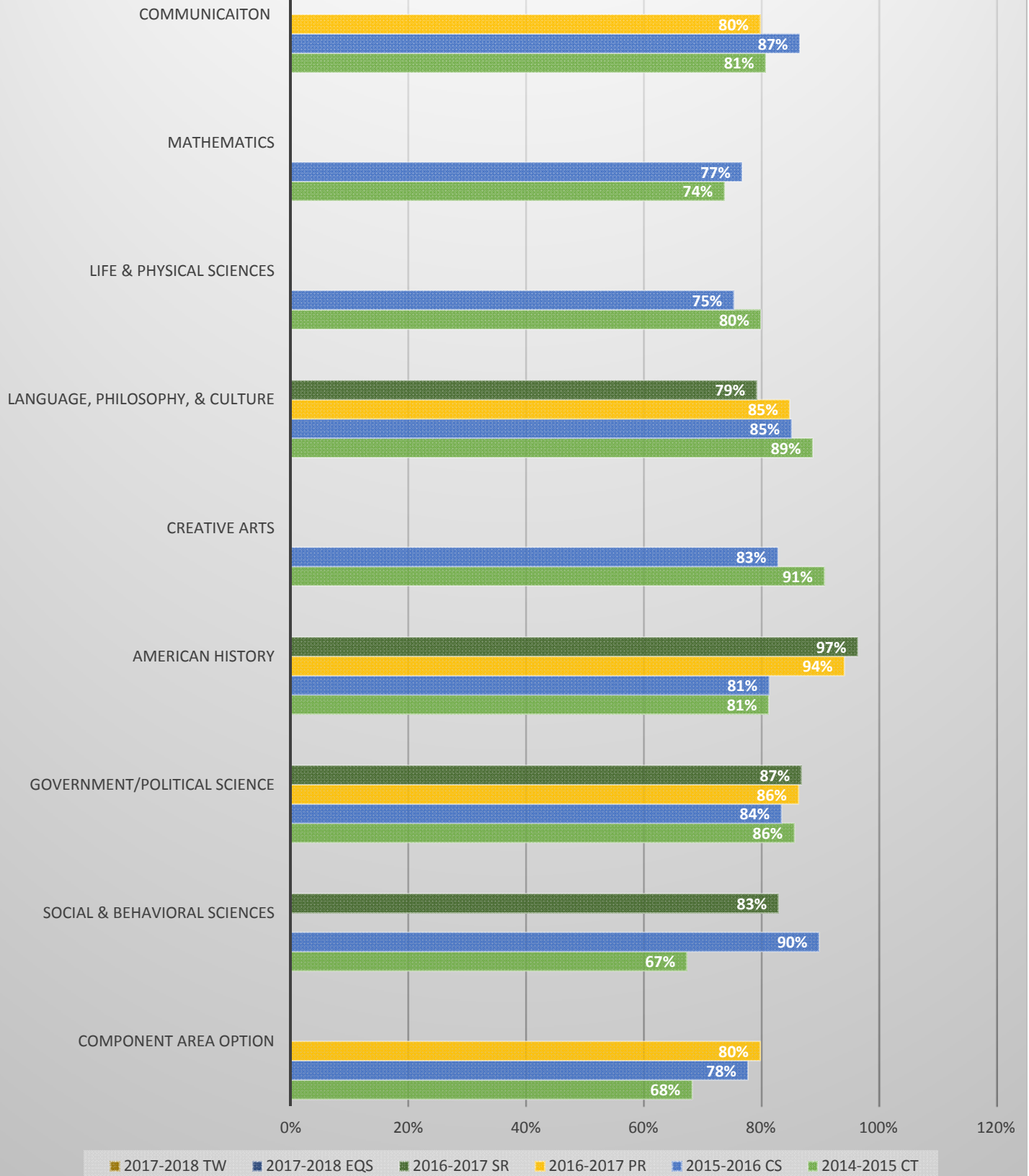
This data compares student performance in each of the six core objectives from the 14/15 academic year through the 17/18 academic year.

Overall in the 14/15 academic year, Panola College students were most successful with Communication Skills and weakest in Empirical & Qualitative Skills.

In the 15/16 academic year, slight increases were made overall in the six core objective areas with students being most successful in Communication Skills and Personal Responsibility. The lowest area is still Empirical & Qualitative Skills.

In the 16/17 academic year, increases were made overall in the six core objective areas with students being most successful in Communication Skills and Teamwork. There was a 7 point increase in Empirical & Qualitative Skills which had been the lowest area in the previous two academic years. The lowest area is Social Responsibility.

Core Objectives by Component Area



The data in the above chart indicates how each component area performed for each year's in-depth focus on one to two specific core objectives. Each component area represents specific courses that make up the core curriculum for an Associate of Arts/Science degree. (See component area courses listed on the *Associate of Arts/Sciences Core Curriculum* listed on the previous pages for each academic year.)

Critical Thinking:

When comparing *Critical Thinking* across each component area in the 14/15 academic year, Panola College students performed best in Creative Arts; Language, Philosophy, & Culture; and Government/Political Science.

Students' performance in Social & Behavioral Sciences and the Component Area Option fell below the 70% standard.

Communication Skills:

When comparing *Communication Skills* across each component area in the 15/16 academic year, Panola College students performed best in Social & Behavioral Sciences; Communication; and Language, Philosophy & Culture.

Students performed lowest in communication skills for Life and Physical Sciences.

All CS component areas were at 75% student mastery or better.

Personal Responsibility:

When comparing *Personal Responsibility* across each component area in the 16/17 academic year, Panola College students performed best in American History; Government/Political Science; and Language, Philosophy, & Culture.

Students performed lowest in Component Area Option and Communication.

All PR component areas were at 80% student mastery or better.

Social Responsibility:

When comparing *Social Responsibility* across each component area in 16/17 academic year, Panola College students performed best in American History and Government/Political Science

Students performed lowest in Language, Philosophy, & Culture.

All SR component areas were at 79% student mastery or better.

Empirical & Qualitative Skills:

When comparing *Empirical & Qualitative Skills* across each component area in 17/18 academic year, Panola College students performed best in...

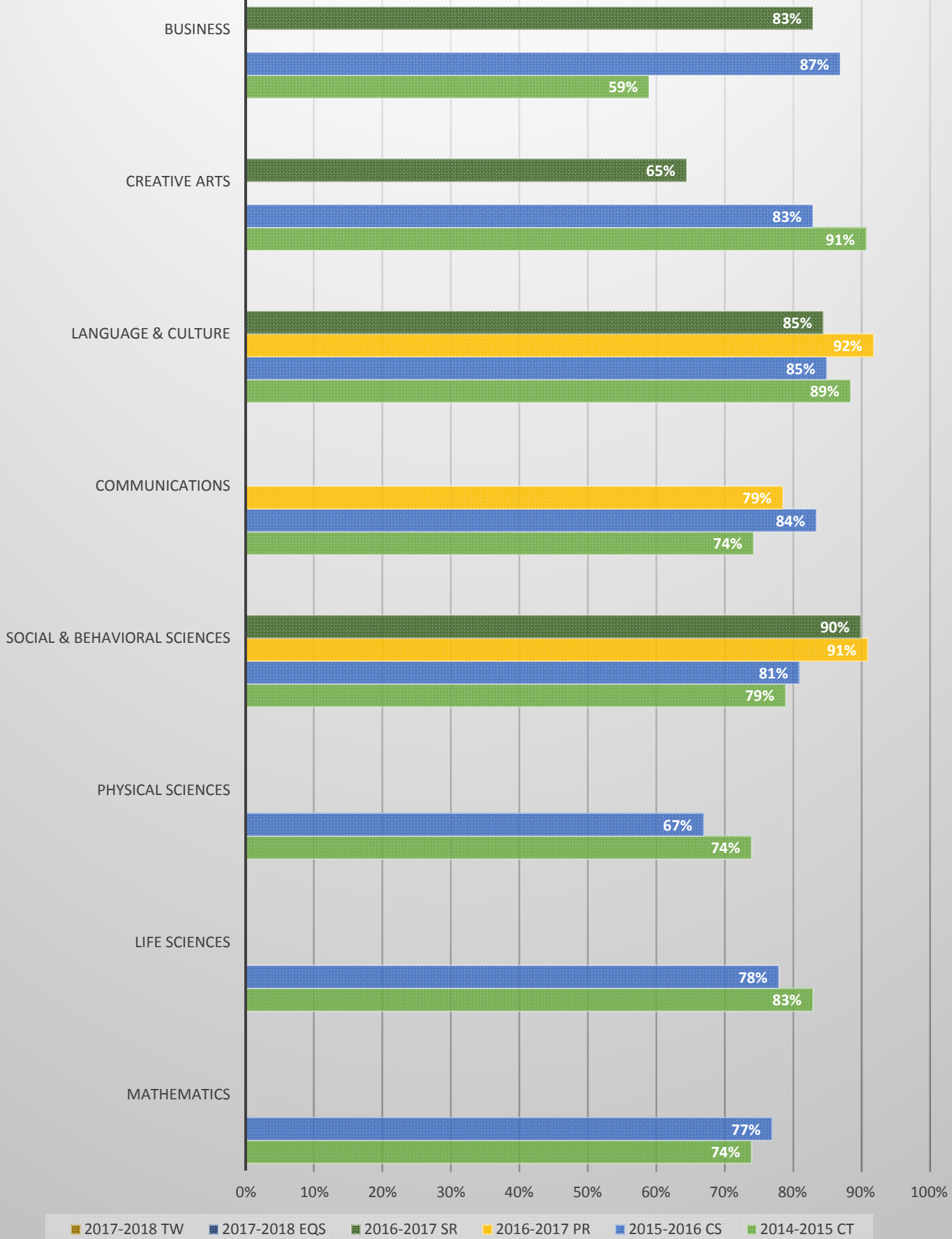
Students performed lowest in...

Teamwork:

When comparing *Teamwork* across each component area in 17/18 academic year, Panola College students performed best in...

Students performed lowest in...

Core Objectives by Department



Department areas represent specific courses that share a common discipline within the college and in institutional effectiveness. (See department area courses for each year on the following pages.)

Critical Thinking:

When comparing *Critical Thinking* across each department in the 14/15 academic year, Panola College students performed best in Creative Arts, Language & Culture, and Life Sciences.

Students' performance in Business fell below the 70% standard.

Communication Skills:

When comparing *Communication Skills* across each department in the 15/16 academic year, Panola College students performed best in Business and Language & Culture.

Students' performance in Physical Sciences fell below the 70% standard.

Personal Responsibility:

When comparing *Personal Responsibility* across each department in 16/17 academic year, Panola College students performed best in Language & Culture and Social & Behavioral Sciences.

Students performed lowest in Communications which was above the 70% standard.

Social Responsibility:

When comparing *Social Responsibility* across each department in 16/17 academic year, Panola College students performed best in Social & Behavioral Sciences and Language & Culture.

Students performed lowest in Creative Arts which fell below the 70% standard.

Empirical & Qualitative Skills:

When comparing *Empirical & Qualitative Skills* across each department in 17/18 academic year, Panola College students performed best in...

Students performed lowest in...

Teamwork:

When comparing *Teamwork* across each department in 17/18 academic year, Panola College students performed best in...

Students performed lowest in...

Core Curriculum Departments

2014-2015

Department (IE Unit)	Core Courses
Accounting/Business	ECON 2301, ECON 2302
Art	ARTS 1301
Biology	BIOL 1322, 1406, 1407, 1408, 1409, 2401, 2402, 2404, 2406
Chemistry	CHEM 1405, CHEM 1407, CHEM 1411, CHEM 1412
Communications	COMM 1318, 2311, 1136, 1307, 1129, 1130, 2129, 2130, 1319, 2315
Drama	DRAM 1310, DRAM 2366*
English	ENGL 1301, ENGL 1302, ENGL 2311, ENGL 2322, ENGL 2323
Geology	GEOL 1403, GEOL 1404
Government	GOVT 2305, GOVT 2306
History	HIST 1301, HIST 1302, HIST 2301
Humanities	HUMA 1301, HUMA 1302
Instrumental Music	MUSI 1306
Mathematics	MATH 1314, 1324, 1325, 1332, 1342, 1350, 1351, 2312, 2413, 2414, 2415
Physics	PHYS 1403, PHYS 1404
Psychology	PSYC 2301
Sociology/ Criminal Justice	SOCI 1301, , CRIJ 1301
Spanish (Languages)	SPAN 1411, SPAN 1412, SPAN 2311, SPAN 2312, SGNL 1301, SGNL 1302
Speech	SPCH 1315, SPCH 1318

*Courses were not taught.

2014-2015 Analysis

Summary of Improvements:

This year was the baseline year and will be used to compare our data with the 2015-2016 academic year.

Overall in the 14/15 academic year, Panola College students were most successful with Communication Skills and weakest in Empirical & Qualitative Skills.

Summary of Problem Areas:

Panola College exceeded the 70% mastery level in the six SLO areas.

Overall the Institution had 79% student mastery of the *Critical Thinking* SLO. However, the Business IE department scored 58.7% on this SLO.

Overall the Institution had 81% mastery in the Communication Skills SLO. However, the Mathematics IE department scored 65.6% in this area.

Overall the Institution had 77% mastery in the Personal Responsibility SLO. No departments fell below 70% in this area.

Overall the Institution had 77% mastery in the Social Responsibility SLO. However, the Language & Culture IE department scored 68.8% in this area.

Overall the Institution had 76% mastery in the Empirical & Qualitative Skills SLO. However, the Mathematics and Social & Behavioral Sciences IE departments scored 68.8% and 64.1% respectively in this area.

Overall the Institution had 79% mastery in Teamwork SLO. However, the Physical Sciences IE department scored 67.1% in this area.

Recommendations for Improvements:

(Each department chair needs to review the data results with faculty within their department to discuss possible reasons for success and weaknesses and make suggestions to improve areas that are weak.)

Institution-wide: The recommendation is that departments continue to meet and collaborate in order to improve classroom instruction, strategies, and student mastery. The recommendations below are from the IE departments.

Business: A change in faculty and course offerings to include face-to-face classes will be recommended to maintain and/or improve the attainment of core objectives.

Mathematics: The department will work to improve individual courses that scored individually below the institutional target as to maintain the department overall percentage.

Physical Sciences: Geology and Physics classes will be added and discussed next year.

Social & Behavioral Sciences: CRIJ will be added to the core courses for the 2015-2016 academic year.

Core Curriculum Departments

2015-2016

Department (IE Unit)	Core Courses
Business	ECON 2301, ECON 2302
Communications	ENGL 1301, ENGL 1302, ENGL 2311, SPCH 1315, SPCH 1318
Creative Arts	ARTS 1301, MUSI 1306, DRAM 1310, DRAM 2366
Language & Culture	ENGL 2322, ENGL 2323, HUMA 1301, HUMA 1302*, SPAN 1411, SPAN 1412, SPAN 2311, SPAN 2312, SGNL 1301, SGNL 1302*
Life Sciences	BIOL 1322, 1406, 1407, 1408, 1409, 2401, 2402, 2404, 2406
Mathematics	MATH 1314, 1324, 1325, 1332, 1342, 1350, 1351, 2312, 2413, 2414, 2415
Physical Sciences	CHEM 1405, CHEM 1407*, CHEM 1411, CHEM 1412, GEOL 1403, GEOL 1404, PHYS 1403, PHYS 1404
Social & Behavioral Sciences	HIST 1301, HIST 1302, HIST 2301, GEOG 1303, GOVT 2305, GOVT 2306 , SOCI 1301, PSYC 2301, CRIJ 1301

*Courses were not taught.

2015-2016 Analysis

Summary of Improvements:

In the 15/16 academic year, increases were made overall in each of the six core objective areas with students being most successful in Communication Skills and Personal Responsibility. The lowest area is still Empirical & Qualitative Skills as compared to the 14/15 academic year. Only one department had SLOs that fell below the 70% mastery standard as compared to last year where there were multiple departments with SLO percentages below the institutional standard.

Summary of Problem Areas:

Only one department, Physical Sciences, had SLOs that fell below 70% student mastery. The department's mastery of SLOs from the 14/15 to the 15/16 academic year declined in all tested SLOs- *Critical Thinking, Communication Skills, Empirical & Qualitative Skills, and Teamwork.*

The Physical Sciences department's analysis is as follows.

Standards were met in all SLOs for Chemistry.

The data for the Geology courses were below 70% in all SLOs. Student involvement in this project proved to be quite low, as students seem hesitant to reach out to one another in a group setting, even with the tools in CANVAS such as discussion boards and the CANVAS messaging system.

All SLOs for Physics were also below 70% mastery. Student participation was low for some portions of the assessment. Reported data included all students regardless of level of participation as long as they were enrolled in the class according to CANVAS records. Assessment was spread over the semester and some assessment activities occurred as early as the 7th week of class. This may have been too early for students to assimilate knowledge and skills necessary to perform well on assessments. Some students clearly struggled with specific parts of the assessment.

Recommendations for Improvements:

Chemistry: Make minor changes to the activities and instruction to ensure continued success in these courses.

Geology: In addition to the syllabus being posted online at panola.edu, all syllabus information is included in the "Syllabus information" module in CANVAS. Within this module are pages specifically addressing the group project (used for SLO data) and its instructions. Pdf files with step-by-step instructions and screen shots have been uploaded showing students how to message their group members in CANVAS, how to utilize the "Groups" setting in CANVAS, and how to create PPT presentations with audio. Lab groups are now assigned after the midterm, rather than in the first weeks of the semester. This brings about less confusion, as students often drop within the first week(s) of the semester, thus disrupting lab groups.

Physics: A single project-based assessment has been designed and created to include all SLOs. The project is well conceived in collaboration with other professors and has been successfully used at other community colleges. This project will be assigned near the end of the semester after students have gained sufficient skills to perform well. Only students who participate in the assessment will be reported in the future data. Online video tutorials will be made available to assist students in completing the project-based assignment.

Core Curriculum Departments

2016-2017

Department (IE Unit)	Core Courses
Business	ECON 2301, ECON 2302
Communications	ENGL 1301, ENGL 1302, ENGL 2311, SPCH 1315, SPCH 1318
Creative Arts	ARTS 1301, MUSI 1306, DRAM 1310, DRAM 2366
Language & Culture	ENGL 2322, ENGL 2323, HUMA 1301, HUMA 1302*, HUMA 2323, SPAN 1411, SPAN 1412, SPAN 2311, SPAN 2312, SGNL 1301, SGNL 1302
Life Sciences	BIOL 1322, 1406, 1407, 1408, 1409, 2401, 2402, 2404, 2406
Mathematics	MATH 1314, 1324, 1325*, 1332, 1342, 1350, 1351, 2412, 2413, 2414*, 2415*
Physical Sciences	CHEM 1405, CHEM 1406*, CHEM 1407, CHEM 1411, CHEM 1412, GEOL 1403, GEOL 1404, PHYS 1403, PHYS 1404
Social & Behavioral Sciences	HIST 1301, HIST 1302, HIST 2301, GEOG 1303, GOVT 2305, GOVT 2306, SOCI 1301, PSYC 2301, CRIJ 1301

*Courses were not taught.

2016-2017 Analysis

Summary of Improvements:

In the 16/17 academic year, increases were made overall in each of the six core objective areas with students being most successful in Communication Skills and Teamwork. Students were at 80% mastery or better in all six core objectives.

The lowest area was Social Responsibility. Significant improvement was made in Empirical & Qualitative Skills which had been the lowest core objective the previous two academic years.

Summary of Problem Areas:

Only one department had one SLO that fell below the 70% mastery standard which is an improvement from the previous two academic years.

Creative Arts had 64.5% student mastery in Social Responsibility.

Recommendations for Improvements:

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