

Assessment: Assessment Unit Four Column

Program - Sciences

Mission Statement: The Science Program at Seward County Community College

provides opportunities to improve and enhance each student's understanding and comprehension of the natural world through a variety of courses and experiences to develop a scientifically literate citizen.

Next Program Review Year: 09-10

<i>Outcomes</i>	<i>Assessment Tools</i>	<i>Results</i>	<i>Actions</i>
Oral Communication - Effectively use the language of science in a "real life" context through oral communication. Outcome Status: Active Outcome Type: Curricular Start Date: 08/15/2010	Direct - Presentations, Lab design, group activities Benchmark: 80% of students will receive a C or better Schedule: Each semester	Action Status: Action Plan in Progress Result Type: Benchmark Not Met a 107 of 141 students or 76% met the oral communication outcome. (05/18/2022) <hr/> Action Status: Action Plan in Progress Result Type: Benchmark Not Met 160 or 224 students or 71% demonstrated effective oral communication skills through direct assessment (05/26/2020) <hr/> Action Status: Action Plan in Progress Result Type: Benchmark Met Anatomy & physiology: 11 of 15 met Biology for majors: 3 of 4 met Chemistry in Society: 18 of 22 met College chemistry: 50 of 63 met Engineering Physics: 16 of 16 met Human Anatomy: 7 of 10 met Human Physiology: 21 of 23 met Introduction to Chemistry: 3 of 4 met Physical Science: 23 of 27 met Overall 152 of 184 (83%) met the oral communication objective. (05/15/2019) <hr/> Action Status: Action Plan in Progress	Action: A scaffold process will be used to reinforce communication skills throughout the semester. (05/18/2022)

Outcomes	Assessment Tools	Results	Actions
		<p>Result Type: Benchmark Met</p> <p>Engineering Physics- 5 of 5 met expectations</p> <p>Physical Science- 9 of 10 met expectations</p> <p>General Physics- 2 of 2 met expectations</p> <p>Anatomy- 8 of 13 met expectations</p> <p>Physiology- 12 of 19 met expectations</p> <p>Anatomy and Physiology- 8 of 9 met expectations</p> <p>Microbiology- 24 of 30 met expectations</p> <p>Nutrition- 22 of 25 met expectations</p> <p>Biology for majors- 5 of 5 met expectations</p> <p>College Chemistry 14 of 20 met expectations</p> <p>Intro to Chemistry 6 of 6 met expectations</p> <p>Organic Chemistry- 3 of 4 met expectations</p> <p>The Science program overall had 118 out of 146 (81%) of students assessed meet expectations. (05/15/2018)</p>	
		<p>Action Status: Action Complete</p> <p>Result Type: Benchmark Met</p> <p>149 of 173, 86.1% (05/16/2017)</p>	
		<p>Action Status: No Action Required</p> <p>Result Type: Benchmark Met</p> <p>128 out of 143 met the requirement. 89.5% (05/23/2016)</p>	
		<p>Action Status: Action Plan in Progress</p> <p>Result Type: Benchmark Met</p> <p>Physiology 35 meet 9 did not</p> <p>Chem 1 23 meet 4 did not</p> <p>Chem 2 9 meet 2 did not</p> <p>Chem in Society 35 meet 2 did not</p> <p>Organic 6 meet 0 did not</p> <p>Physical Science 16 meet 3 did not</p> <p>Nutrition 9 meet 0 did not</p> <p>A&P 7 meet 0 did not</p> <p>Micro 18 meet 3 did not</p> <p>Principles of Biology 17 meet 16 did not</p> <p>Totals 175 meet 39 did not</p> <p>82% meet (05/20/2015)</p>	
		<p>Action Status: Action Complete</p> <p>Result Type: Benchmark Met</p> <p>Principles of Biology 65/69 94%</p>	

Outcomes	Assessment Tools	Results	Actions
		Zoology 6/6 100% Physiology 42/46 91% Organic Chem 3/4 75% Chem 1 34/42 81% Chem 2 12/12 100% Physical Sci 22/22 100% Totals 184/201 92% (05/20/2013)	
		Action Status: Action Plan in Progress Result Type: Benchmark Met Principles of Biology 44/54 Organic Chemistry 3/3 Chemistry 2 9/13 Physical Science 19/23 Physiology 41/42 Total 116/135 86% Met Standard (05/17/2012)	
		Action Status: Action Plan in Progress Result Type: Benchmark Not Met 76 % students met expectations 24/40 students met expectations - Organic Chemistry, College Chemistry, Physical Science 79/95 students met expectations - Principles of Biology Presentations (05/23/2011)	Action: Ongoing, clearly define expectations (05/23/2011)
		Action Status: Action Plan in Progress Result Type: Benchmark Met Microbiology: 88% (15/17) of the students made A?s on their presentations and 12% (2/17) did not participate and were given zeros. Nutrition: 87.5% (14/16) made a 10/10 or higher on their vitamin presentations and 12.5% did not participate and were given zeros. (12/31/2010)	Action: There were no needs for modification in Micro, however, in Nutrition, I will now assign specific dates for the students to participate instead of it being on a voluntary basis. (01/01/2011)
	Indirect - Class/Lab Grade Benchmark: 80% of students will receive a C or better in the class or lab Schedule: End of the semester	Action Status: Open Result Type: Benchmark Met a total of 136 of 158 students or 86% showed acceptable oral communication skills. (05/18/2022)	
		Action Status: Action Plan in Progress Result Type: Benchmark Met	

Outcomes	Assessment Tools	Results	Actions
		<p>121 of 148 students or 82% showed effective oral communications skills through indirect assessments (05/26/2020)</p> <hr/> <p>Action Status: Action Plan in Progress Result Type: Benchmark Met Introduction to Chemistry: 3 of 4 meet College Chemistry: 50 of 63 meet Human Physiology: 21 of 23 meet Human Anatomy: 7 of 10 meet Anatomy & Physiology: 11 of 15 meet Engineering Physics: 16 of 16 meet Physical Science: 23 of 27 meet Biology for majors: 3 of 4 meet</p> <p>Overall program 134 of 162 students received a "C" or higher on the oral communication assessment. This results in 83% of the students demonstrating oral communication skills which exceeds the benchmark of 80% set by program.</p> <p>(05/15/2019)</p> <hr/> <p>Action Status: Action Plan in Progress Result Type: Benchmark Met Engineering Physics - 5 of 5 met expectations Physical Science- 9 of 10 met expectations General Physics- 2 of 2 met expectations Biology for Majors- 5 of 5 met expectations College Chemistry- 44 of 60 met expectations Organic Chemistry- 4 of 4 met expectations</p> <p>The science program overall had 69 out of 86 (80%) meet expectations (05/15/2018)</p> <hr/> <p>Action Status: Action Complete Result Type: Benchmark Met 7 of 8, 87.5% (05/16/2017)</p> <hr/> <p>Action Status: No Action Required Result Type: Benchmark Met 90% received a C or better (05/23/2016)</p> <hr/> <p>Action Status: Action Plan in Progress Result Type: Benchmark Met Nutrition 9 meet 0 did not</p>	

Outcomes	Assessment Tools	Results	Actions
		A&P 7 meet 0 did not Micro 18 meet 3 did not Physiology 35 meet 9 did not Totals 60 meet 12 did not 83% meet (05/20/2015)	
Written communication - Effectively use the language of science in a "real life" context through written communication. Outcome Status: Active Outcome Type: Curricular Start Date: 08/15/2010	Direct - Final exams (essay portion), papers, article reviews Benchmark: 80% of students will receive a C or better Schedule: 8/15/2010	Action Status: Action Plan in Progress Result Type: Benchmark Met A total of 151 of 166 students or 91% demonstrated effective written communication skills (05/18/2022)	
		Action Status: Action Plan in Progress Result Type: Benchmark Not Met 231 of 318 students or 66% effectively demonstrated good written communication skills. (05/26/2020)	
		Action Status: Action Plan in Progress Result Type: Benchmark Not Met Anatomy & Physiology: 27 of 33 met Biology for majors: 4 of 4 met Principles of Biology: 17 of 22 met Chemistry in Society: 11 of 22 met College chemistry: 47 of 57 met Engineering physics: 14 of 16 met Human anatomy: 9 of 10 met Human physiology: 18 of 23 met Introduction to chemistry: 4 of 4 met For the program, 151 of 191 (79%) met the written communication outcome. This is just slightly below the benchmark. (05/15/2019)	
		Action Status: Action Plan in Progress Result Type: Benchmark Met Engineering Physics- 5 of 5 met expectations Physical Science- 9 of 10 met expectations General Physics- 2 of 2 met expectations Intro to Engineering Careers- 7 of 7 met expectations Anatomy- 10 of 13 met expectations Physiology- 18 of 19 met expectations Anatomy and Physiology- 20 of 24 met expectations Microbiology- 23 of 30 met expectations Nutrition- 14 of 25 met expectations	

Outcomes	Assessment Tools	Results	Actions
		Principles of Biology- 46 of 54 met expectations Biology for majors- 5 of 5 met expectations College Chemistry- 47 of 60 met expectations Intro to Chemistry- 4 of 5 met expectations Organic Chemistry- 3 of 4 met expectations The science program as a whole had 213 of 263 (81%) meet expectations. This meets the benchmark for this outcome. (05/15/2018)	
		Action Status: Action Plan in Progress Result Type: Benchmark Not Met 148 of 228, 64.9% (05/16/2017)	
		Action Status: Action Plan in Progress Result Type: Benchmark Not Met 124 of 187 met the requirement. review rubric used for assessing writing assignments Utilize Turn-It-In (05/23/2016)	
		Action Status: Action Plan in Progress Result Type: Benchmark Met	
		Principles of Biology 66 meet 26 below Nutrition 14 meet 6 below A&P 7 meet 0 below Micro 12 meet 9 below Chem 1 23 meet 10 below Chem 2 11 meet 0 below Organic 4 meet 2 below Chem in Society 31 meet 6 below Physical Science 15 meet 2 below Totals 282 meet 61 below 82% meet (05/19/2015)	
		Action Status: Action Plan in Progress Result Type: Benchmark Not Met Chem 2 article review 7 meet 4 below Chem 1 research paper 7 meet 2 below Chem in Society Brochure 19 meet 8 below Chem in Society Essay 18 meet 5 below Organic Chem Lab report 2 meet 1 below Priciples of Biology Essay 81 meet 41 below Nutrition Essay 10 meet 2 below Zoology Essay 2 meet 0 below	

Outcomes	Assessment Tools	Results	Actions
		<p>Anatomy CV Essay 18 meet 9 below Overall 164 meet 72 below 69% (05/20/2014)</p> <hr/> <p>Action Status: Action Complete Result Type: Benchmark Met</p> <p>Physiology 42/46 91% Principles of Biology 65/69 94% Zoology 6/6 100% Chem 1 27/35 77% Chem 2 14/14 100% Organic Chem 3/4 75% Physical Science 16/21 76% Chemistry in Society 10/13 77%</p> <hr/> <p>Totals 183/208 88% (05/20/2013)</p> <hr/> <p>Action Status: Action Plan in Progress Result Type: Benchmark Met</p> <p>Principles of Biology 39/53 Intro to Chem 12/21 Organic Chem 3/3 Chem 1 26/30 Chem 2 10/13 Microbiology 34/41 Nutrition 30/33 Anatomy and Physiology 9/10 Physiology 41/42 Totals 204/246 83% Success (05/17/2012)</p> <hr/> <p>Action Status: Action Plan in Progress Result Type: Benchmark Not Met</p> <p>57% overall met expectations 42/53 students met expectations - College Chemistry, Organic Chemistry, College Physics 10/30 students met expectations - Physiology 5/8 students met expectations - Zoology 13/22 students met expectations - Principles of Biology (05/23/2011)</p> <hr/> <p>Action Status: Action Complete Result Type: Benchmark Met</p> <p>Nutrition: only 50% (5/10) of the class made an 80% or</p>	<p>Action: Modifications will be to model a complete and accurate essay using examples of past student work. Clarification of questions and expected results. (05/23/2011)</p> <hr/> <p>Action: I did not grade the papers until @ Thanksgiving and the end of the course. I need to get the</p>

Outcomes	Assessment Tools	Results	Actions
		<p>higher; 50% made 35 ? 78% and 6 did not turn research papers in and were given a zero.</p> <p>Microbiology: 87% (13/15) made an 80% or better; 13% (2/15) made a 73-79% and two did not turn in research papers and were given a zero. (12/31/2010)</p>	<p>grades done sooner and be more proactive about them getting the papers done. (12/31/2010)</p> <p>Follow-Up: Grade the papers earlier and get the results back to the students in a more reasonable amount of time. Be more proactive about getting them in at the deadline. (01/01/2011)</p>
	<p>Indirect - Class/Lab Grade</p> <p>Benchmark: 80% of students will receive a C or better in the class or lab</p> <p>Schedule: End of the semester</p>	<p>Action Status: Action Plan in Progress</p> <p>Result Type: Benchmark Met</p> <p>A total of 122 of 143 of students or 85% demonstrated effective written communication skills (05/18/2022)</p> <hr/> <p>Action Status: Action Plan in Progress</p> <p>Result Type: Benchmark Not Met</p> <p>188 of 242 students or 78% demonstrated effective written communication when assessed indirectly (05/26/2020)</p> <hr/> <p>Action Status: Action Plan in Progress</p> <p>Result Type: Benchmark Not Met</p> <p>Anatomy & Physiology: 16 of 33 met Biology for majors: 4 of 4 met Principles of Biology: 22 of 43 met Chemistry in Society: 18 of 22 met College Chemistry: 47 of 56 met Engineering Physics: 16 of 16 met Human Anatomy: 4 of 10 met Human Physiology: 15 of 23 met Introduction to Chemistry: 4 of 4 met Physical Science: 23 of 27 met</p> <p>for program, 169 of 238 (71%) met the outcome. (05/15/2019)</p> <hr/> <p>Action Status: Action Plan in Progress</p> <p>Result Type: Benchmark Met</p> <p>Engineering Physics- 5 of 5 met expectations Physical Science- 8 of 10 met expectations General Physics- 2 of 2 met expectations Principles of Biology- 21 of 22 met expectations</p>	

Outcomes	Assessment Tools	Results	Actions																								
		<p>Biology for Majors- 5 of 5 met expectations College Chemistry- 49 of 60 met expectations Intro to Chemistry- 4 of 5 met expectations Organic Chemistry- 3 of 4 met expectations</p> <p>The Science program as a whole had 97 out of 113 students assessed (86%) met expectations. This exceeds the benchmark for this outcome. (05/15/2018)</p> <hr/> <p>Action Status: Action Plan in Progress Result Type: Benchmark Not Met 18 of 32, 56.3% (05/16/2017)</p> <hr/> <p>Action Status: Action Plan in Progress Result Type: Benchmark Not Met 66% out of 187 (05/23/2016)</p> <hr/> <p>Action Status: Action Plan in Progress Result Type: Benchmark Met Principles of Biology 112 meet 17 below Zoology 1 meet 1 below Anatomy 23 meet 4 below Chem 2 9 meet 4 below Chem in society 15 meet 3 below Overall 160 meet 29 below 85% 2015</p> <table><tr><td>Chem 1</td><td>25 meet</td><td>3 below</td></tr><tr><td>Chem 2</td><td>9 meet</td><td>3 below</td></tr><tr><td>Chem in Society</td><td>34 meet</td><td>3 below</td></tr><tr><td>Principles of Biology</td><td>84 meet</td><td>12 below</td></tr><tr><td>Nutrition</td><td>17 meet</td><td>3 below</td></tr><tr><td>A&P</td><td>7 meet</td><td>0 below</td></tr><tr><td>Micro</td><td>12 meet</td><td>9 below</td></tr><tr><td>Totals</td><td>188 meet</td><td>33 below</td></tr></table> <p>85% meet (05/19/2015)</p>	Chem 1	25 meet	3 below	Chem 2	9 meet	3 below	Chem in Society	34 meet	3 below	Principles of Biology	84 meet	12 below	Nutrition	17 meet	3 below	A&P	7 meet	0 below	Micro	12 meet	9 below	Totals	188 meet	33 below	
Chem 1	25 meet	3 below																									
Chem 2	9 meet	3 below																									
Chem in Society	34 meet	3 below																									
Principles of Biology	84 meet	12 below																									
Nutrition	17 meet	3 below																									
A&P	7 meet	0 below																									
Micro	12 meet	9 below																									
Totals	188 meet	33 below																									
Critical Thinking - By the end of their program of study, students will be able to think critically through gathering and analyzing data, generating insights, and applying	Direct - Case studies, laboratory investigations, policies affecting science, critical thinking rubric Benchmark: 80% of our students will	Action Status: Action Plan in Progress Result Type: Benchmark Not Met A total of 221 of 279 student or 79% demonstrated critical thinking skills. (05/18/2022)																									

Outcomes	Assessment Tools	Results	Actions
content. Outcome Status: Active Outcome Type: Curricular Start Date: 08/15/2010	receive a C or better on the assessment tools Schedule: Each semester	<p>Action Status: Action Plan in Progress Result Type: Benchmark Met 285 of 349 or 82% showed critical thinking in direct measurements (05/26/2020)</p> <hr/> <p>Action Status: Action Plan in Progress Result Type: Benchmark Not Met Engineering Physics: 9 of 16 met Physical Science: 17 of 27 met Chemistry in Society: 5 of 22 met College Chemistry: 35 of 50 met Anatomy & Physiology: 2 of 15 met Principles of Biology: 20 of 25 met</p> <p>Overall 88 of 155 (57%) met the critical thinking outcome. (05/15/2019)</p> <hr/> <p>Action Status: Action Plan in Progress Result Type: Benchmark Not Met Engineering Physics- 4 out 5 met expectations Physical Science - 3 of 10 met expectations General Physics I- 2 of 2 met expectations Intro to Engineering Careers- 7 of 7 met expectations Principles of Biology- 35 of 55 met expectations Anatomy & Physiology- 6 of 12 met expectations College Chemistry- 28 of 60 met expectations Intro to Chemistry 3 of 7 met expectations Organic Chemistry- 4 of 4 met expectations</p> <p>The science program overall had 92 out of 162 students assessed meet expectations on direct measurements of critical thinking. This is a 57% met rate which is below the benchmark. A science program meeting is planned in August to address instructional tools that can be used to help students in critical thinking. (05/15/2018)</p> <hr/> <p>Action Status: Action Plan in Progress Result Type: Benchmark Not Met 84 of 173, 48.6% (05/16/2017)</p> <hr/> <p>Action Status: Action Plan in Progress Result Type: Benchmark Not Met 59 out of 111 met the requirement</p>	

Outcomes	Assessment Tools	Results	Actions
		Jared H. is going to try more scaffolding assignments (05/23/2016)	
		Action Status: Action Plan in Progress Result Type: Benchmark Met	
		Principles of Biology 75 meet 19 do not meet	
		Chem 1 26 meet 10 do not meet	
		Chem 2 8 meet 4 do not meet	
		Chem in Society 31 meet 6 do not meet	
		Micro 19 meet 2 do not meet	
		A&P 7 meet 0 do not meet	
		Totals 166 meet 41 do not meet	
		80% meet (05/19/2015)	
		Action Status: Action Plan in Progress Result Type: Benchmark Met	
		Physiology Oral Presentation 38 meet 8 below	
		Principles of Biology 79 meet 9 below	
		Zoology 1 meet 2 below	
		Chem 1 lab investigations 4 meet 5 below	
		Chem in Society essay 14 meet 3 below	
		Overall 136 meet 27 below	
		83% meet (05/20/2014)	
		Action Status: Action Plan in Progress Result Type: Benchmark Met	
		42/46	
		91.3% completed all requirement successfully	
		Totals 128/163 79% (08/14/2013)	
		Action Status: Action Complete Result Type: Benchmark Not Met	
		Principles of Biology 48/65 74%	
		Zoology 1/4 25%	
		Chem 1 27/35 77%	
		Chemistry in Society 10/13 77%	
		Totals 86/117 74% (05/20/2013)	
		Action Status: Action Plan in Progress Result Type: Benchmark Met	
		Principles of Biology 40/53	
		Physiology 41/42	
		Chemistry I 7/11	
		Totals 88/106	

Outcomes	Assessment Tools	Results	Actions
		83% success (05/17/2012)	
		Action Status: Action Plan in Progress Result Type: Benchmark Not Met 52 % students met expectations 28/ 58 students met expectations - Principles of Biology 17/29 students met expectations - College Chemistry (05/23/2011)	Action: Ongoing, better definition of expectations. (05/23/2011)
	Indirect - Class/Lab Grade Benchmark: 80% of students will receive a C or better in the class or lab Schedule: End of the semester	Action Status: Action Plan in Progress Result Type: Benchmark Met A total of 168 of 202 students or 83% demonstrated critical thinking skills when measured indirectly. (05/18/2022)	
		Action Status: Action Plan in Progress Result Type: Benchmark Not Met 203 of 280 students or 73% expressed critical thinking. (05/26/2020)	
		Action Status: Action Plan in Progress Result Type: Benchmark Not Met Engineering Physics: 16 of 16 met Physical Science: 17 of 27 met Anatomy & Physiology: 9 of 15 met Principles of Biology: 21 of 25 met Biology for majors: 3 of 4 met	
		Overall 66 of 87 (75%) met indirect measures for critical thinking outcomes. (05/15/2019)	
		Action Status: Action Plan in Progress Result Type: Benchmark Met Engineering Physics- 5 of 5 met expectations Physical Science- 7 of 10 met expectations General Physics- 2 of 2 met expectations Microbiology- 30 of 30 met expectations Nutrition- 14 of 25 met expectations Principles of Biology- 21 of 22 met expectations College Chemistry- 14 of 20 met expectations Introduction to Chemistry- 3 of 7 met expectations Organic Chemistry- 4 of 4 met expectations Biology for majors- 5 of 5 met expectations	
		For the Science program as a whole 105 out of 130 students assessed (81%) successfully met the expectations. This is in	

Outcomes	Assessment Tools	Results	Actions
		alignment with the benchmark for this program outcome. (05/15/2018)	
		Action Status: Action Plan in Progress Result Type: Benchmark Not Met 18 of 32, 56.3% (05/16/2017)	
		Action Status: Action Plan in Progress Result Type: Benchmark Not Met 53% out of 111 students met requirement (05/23/2016)	
		Action Status: Action Plan in Progress Result Type: Benchmark Met	
		Chem 1 25 meet 10 do not meet Chem 2 10 meet 0 do not meet Organic 4 meet 2 do not meet Chem in Society 26 meet 7 do not meet Principles of Biology 84 meet 12 do not meet Micro 19 meet 2 do not meet A&P 7 meet 0 do not meet Totals 175 meet 33 do not meet 84% meet the goal	
		(05/19/2015)	
		Action Status: Action Plan in Progress Result Type: Benchmark Met Indirect Priciples of Biology 78 meet 11 below Zoologoy 1 meet 1 below Chem 1 10 meet 1 below Chem in Society 16 meet 10 below Physiology 41 meet 7 below Overall 146 meet 30 below 83% meet (05/20/2014)	
Diversity - Students will understand and demonstrate the rich dimensions of diversity by working as a team, engaging with community, exhibiting cultural awareness, and creating equity.	Direct - Presentations, writing assignment Discussion threads Quizzes and exams Lab journal Benchmark: 80% of students will	Action Status: Action Plan in Progress Result Type: Benchmark Not Met A total of 22 of 33 students or 67% show understanding of diversity. (05/18/2022)	
		Action Status: Action Plan in Progress Result Type: Benchmark Met	

Outcomes	Assessment Tools	Results	Actions
Outcome Status: Active Outcome Type: Curricular Start Date: 08/13/2013	receive a C or better on the assignment Schedule: Each semester	72 of 81 students or 89% demonstrated diversity (05/26/2020) Action Status: Action Complete Result Type: Inconclusive none reported. A change in the wording of the institutional outcome on diversity no longer aligns with the application of science to various cultures. This outcome is being deleted from the science program as a result. (05/15/2018) Action Status: Action Plan in Progress Result Type: Benchmark Not Met 35 of 45, 77.8% (05/16/2017) Action Status: Action Plan in Progress Result Type: Benchmark Not Met only 25 of 45 met the requirement, which is 56%. (05/23/2016) Action Status: Action Plan in Progress Result Type: Benchmark Met Microbiology 18 met 3 did not Chem in Society 31 met 6 did not Totals 49 meet, 9 do not 84% meet goal (05/19/2015) Action Status: Action Plan in Progress Result Type: Benchmark Not Met Direct Chem is Society Culture Essay 14 meet 3 below Exam Question 9 meet 16 below Indirect Chem in Society Lab Project 16 meet 7 below Overall 39 meet 26 below 60% (05/20/2014) Action Status: Action Plan in Progress Result Type: Benchmark Met a total of 68 of 85 students or 80 % show an indirect understanding of diversity (05/18/2022) Action Status: Action Plan in Progress Result Type: Benchmark Met 165 of 212 students or 78% met the diversity outcome	
	Indirect - Literature research and discussion Lab projects Benchmark: 80% of students will receive a C or better in the class or lab Schedule: End of the semester		

Outcomes	Assessment Tools	Results	Actions
		(05/26/2020)	
		Action Status: Action Complete Result Type: Inconclusive NONE REPORTED. Change occurred in the wording of the institutional outcome that no longer fits the cultural impact of science. This outcome is being dropped from the science program outcomes as a result. (05/15/2018)	
		Action Status: Action Complete Result Type: Benchmark Met 0 of 0 (05/16/2017)	
		Action Status: Action Plan in Progress Result Type: Benchmark Not Met 55.6% out of 45 students met the requirement (05/23/2016)	
		Action Status: Action Plan in Progress Result Type: Benchmark Met Microbiology 19 met, 2 did not Chem in Society 34 met, 3 did not Totals 53 meet, 5 did not 91% met the benchmark (05/19/2015)	
		Action Status: Action Plan in Progress Result Type: Benchmark Not Met Direct Chem in Society Culture Essay 14 meet 3 below Exam Question 9 meet 16 below Indirect Chem in Society Lab Project 16 meet 7 below Over All 39 meet 26 below 60% meet (05/20/2014)	