ASSESSMENT DAY

College of Arts and Sciences

School of Biological and Physical Sciences

October 16, 2020

Strengths

Challenges

Recommendations

Academic Assessment

	LEVEL	FOCUS	CONDUCTED BY	FREQUENCY
Academic Success Committee	Program	• Quality of assessment practices	Committee of peers	Years 1 & 2
Instructional Program Review	Program / Cluster	• Enrollment, retention, completion • Industry certifications and job placement • Program budget and staffing • Advisory committees • Curriculum changes	Committee of peers	Year 3
Assessment Day	Course/ Program	• Enrollment by demographics • Graduation and retention • Average class size • Course success rate • Placement rate • SLOs, PLOs and ILOs	Program Chair and Faculty	Years 1, 2, 3

Programs

2230 - Environmental Science Technology

Last Assessment Day – Action Items

School of Biological and Physical Sciences: 01/31/2020

- Add a Humanities course to the program (find out if GIS will fulfill the requirement);
- Bring back face-to-face meetings by area;
- Look at pre-req's and co-req's for the program;
- Work on the EST program assessment with Karla;
- Continue to think about how to help minority students improve

For Institutional Research:

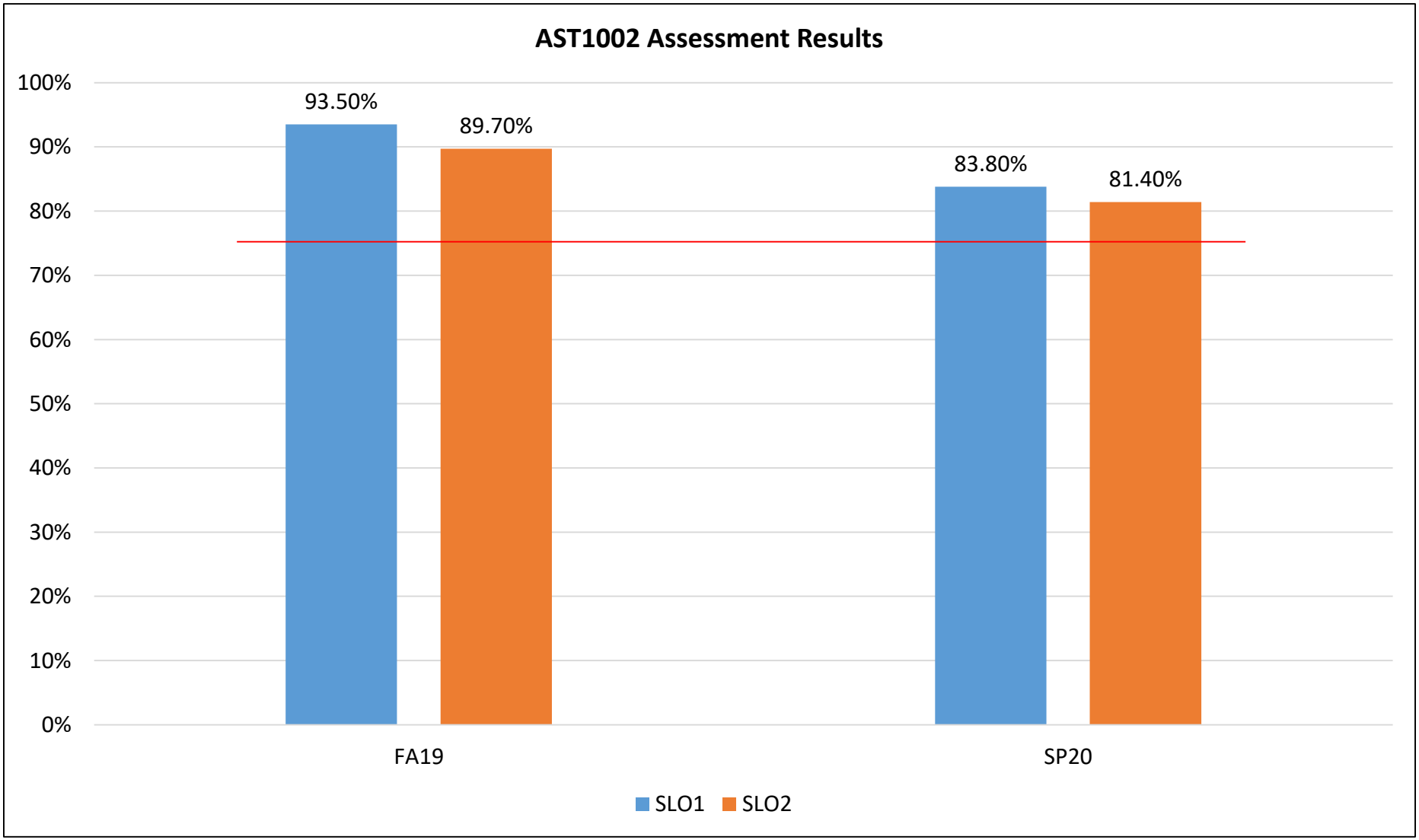
- Add comparison rate for overall success rates by race and ethnicity

AST1002 - Course Learning Outcomes

SLO1: Describe the evolution of stars and galaxies, their essential components, methods used in gaining knowledge about them, and their place in the overall structure of the universe. *(1,2,3,4)*

SLO2: Be able to name important historical figures in astronomy and list the impacts of their work on the field. *(1,2,4)*

AST1002 - Course Assessment Results 2019-2020



2019-20 Success Rate: 72%

Results given in average

BOT1010C - Course Learning Outcomes

SLO 1: Evaluate the scope and importance of the science of botany, including the uses of plants in human life. *(3)*

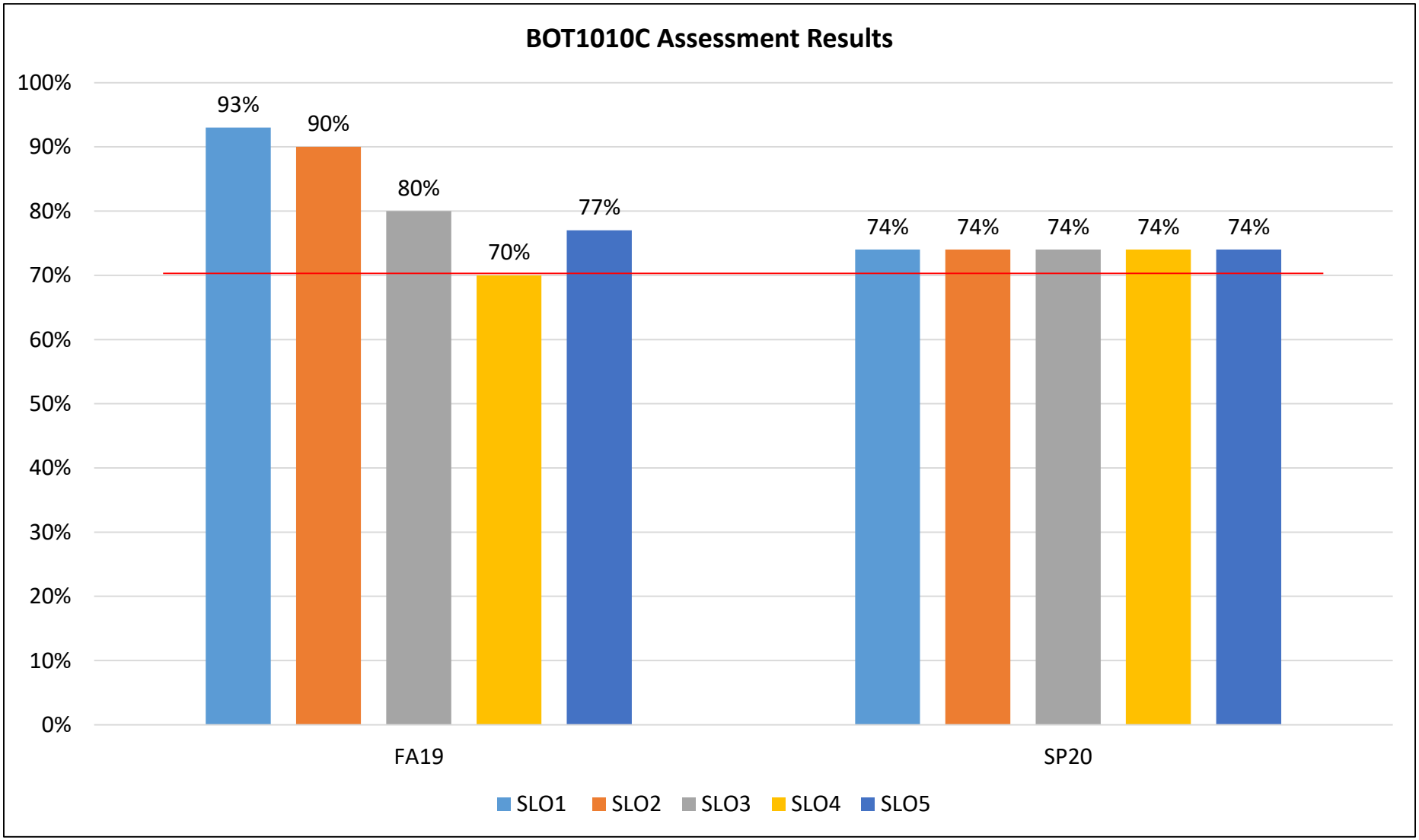
SLO 2: Identify the structure and functions of plant cells, the development of cells into tissues, and tissues into organs. *(1)*

SLO 3: Examine the photosynthetic, respiratory and other physiological processes as they occur in plants. *(1)*

SLO 4: Identify, compare & contrast the life cycle of each of the major taxa of land plants. Observe asexual & sexual reproductive systems in various taxa. Compare the form & function of the gametophyte & sporophyte. Explain structures that have been modified or adapted for reproductive purposes. *(1)*

SLO5: Identify and analyze the major taxa of the plant kingdom. *(1)*

BOT1010C - Course Assessment Results 2019-2020



2019-20 Success Rate: 89%

Results given in averages

BOT2150 - Course Learning Outcomes

SLO 1: Identify common plants of the east central Florida coastal and inland areas. *(4)*

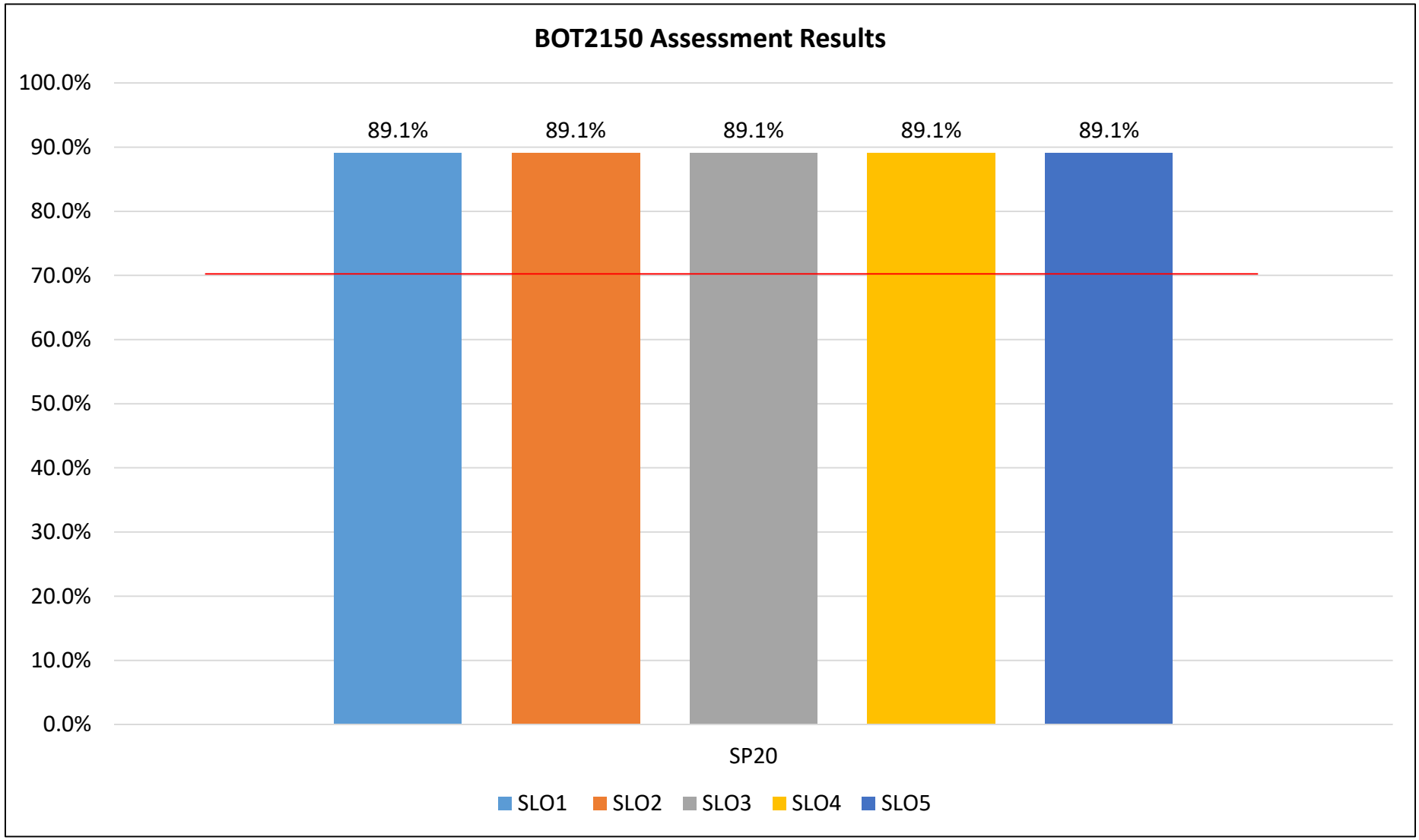
SLO 2: Compile species lists for different habitat types. *(4)*

SLO 3: Acquire basic knowledge of federal, state and local regulations pertaining to habitat and species protection, including restrictions on plant collecting. *(3,4)*

SLO 4: Collect and preserve botanical specimens from various habitat types in central Florida. *(3,4)*

SLO5: Gain a working familiarity with the distribution and composition of central Florida vegetation communities. *(1,3,4)*

BOT2150 - Course Assessment Results 2019-2020



2019-20 Success Rate: 75%

Results given in averages

BSC1005 - Course Learning Outcomes

SLO 1: Identify basic plant and animal cell organelles and their function. *(1)*

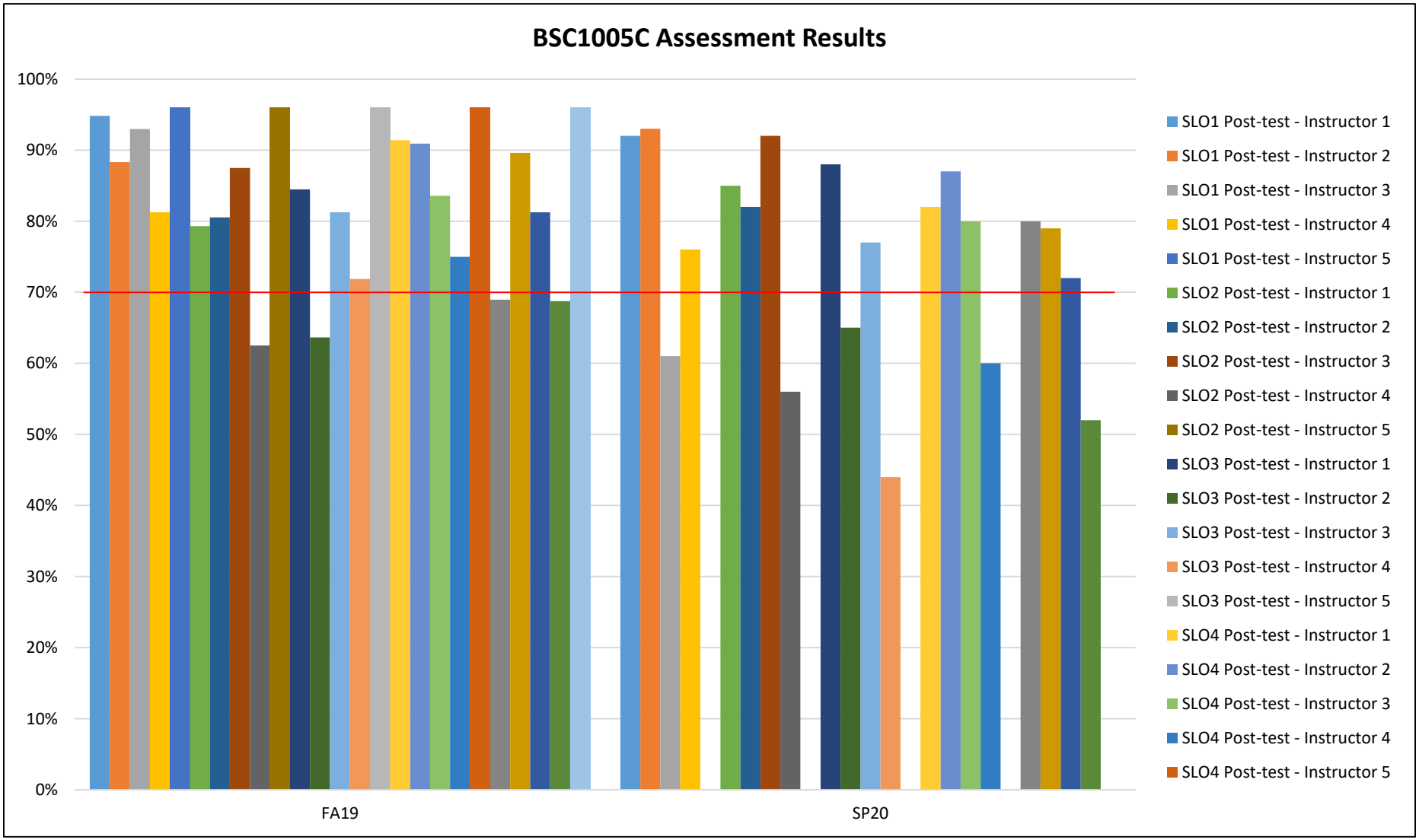
SLO 2: Name and describe the processes of mitosis. *(1)*

SLO 3: Use the principles of heredity to solve one gene problems. *(1)*

SLO 4: Describe the biological classification of organisms and give examples of each group. *(1)*

SLO 5: Identify male and female reproductive organs and their function. *(1)*

BSC1005C - Course Assessment Results 2019-2020



2019-20 Success Rate: 82%

Results given in averages

BSC1010C - Course Learning Outcomes

SLO 1: Describe the basic chemical molecules of life. *(1, 2, 4)*

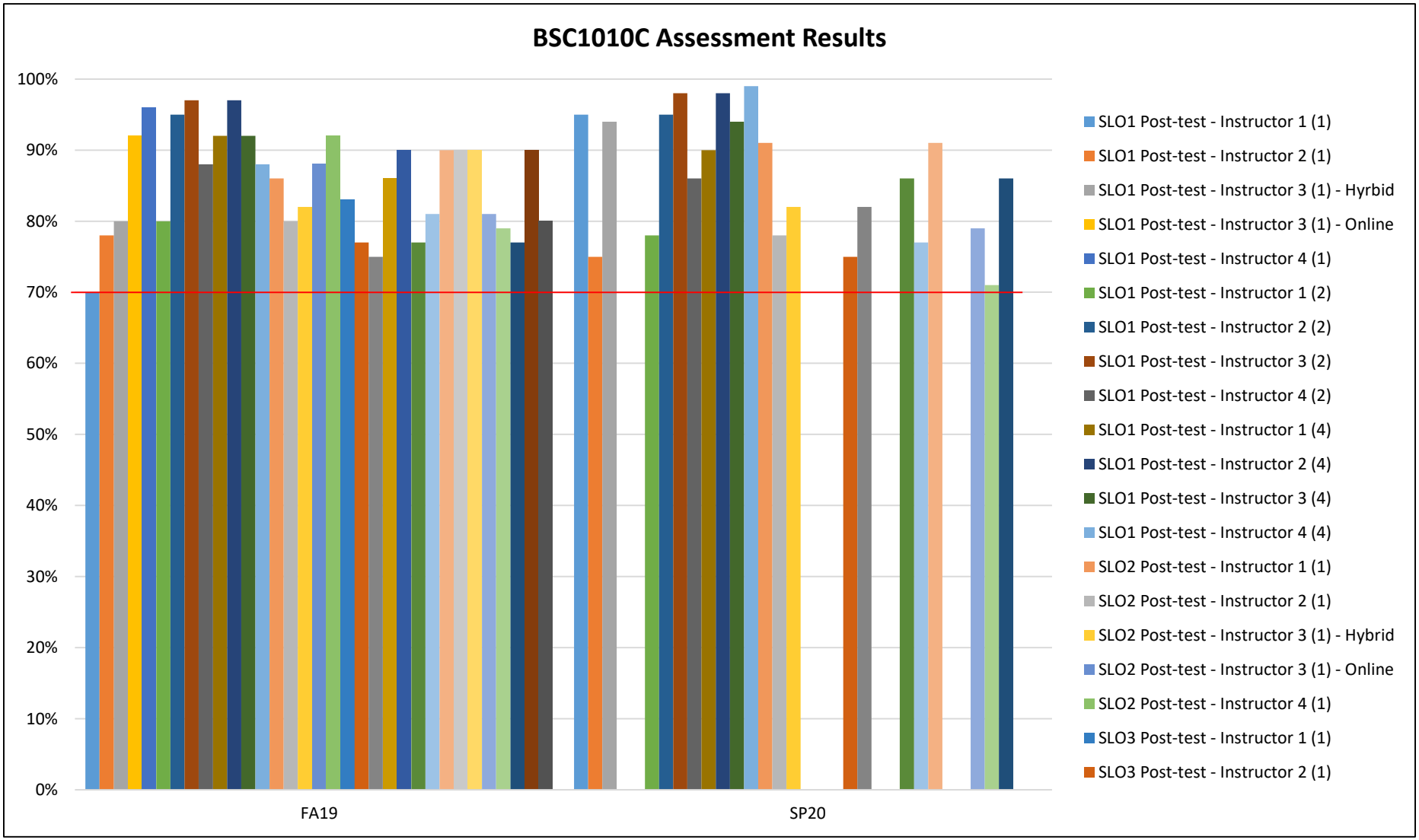
SLO 2: Distinguish between the different types of cells and identify basic cellular structures and their functions. *(1)*

SLO 3: Describe energy and ATP production during the process of cellular respiration and the conversion of light energy into the chemical bonds of sugar during photosynthesis. *(1)*

SLO 4: Describe the structure of DNA, its replication and protein synthesis. *(1)*

SLO 5: Use the principles of Mendelian Genetics to solve problems. *(1)*

BSC1010C - Course Assessment Results 2019-2020



2019-20 Success Rate: 74%

BSC1011C - Course Learning Outcomes

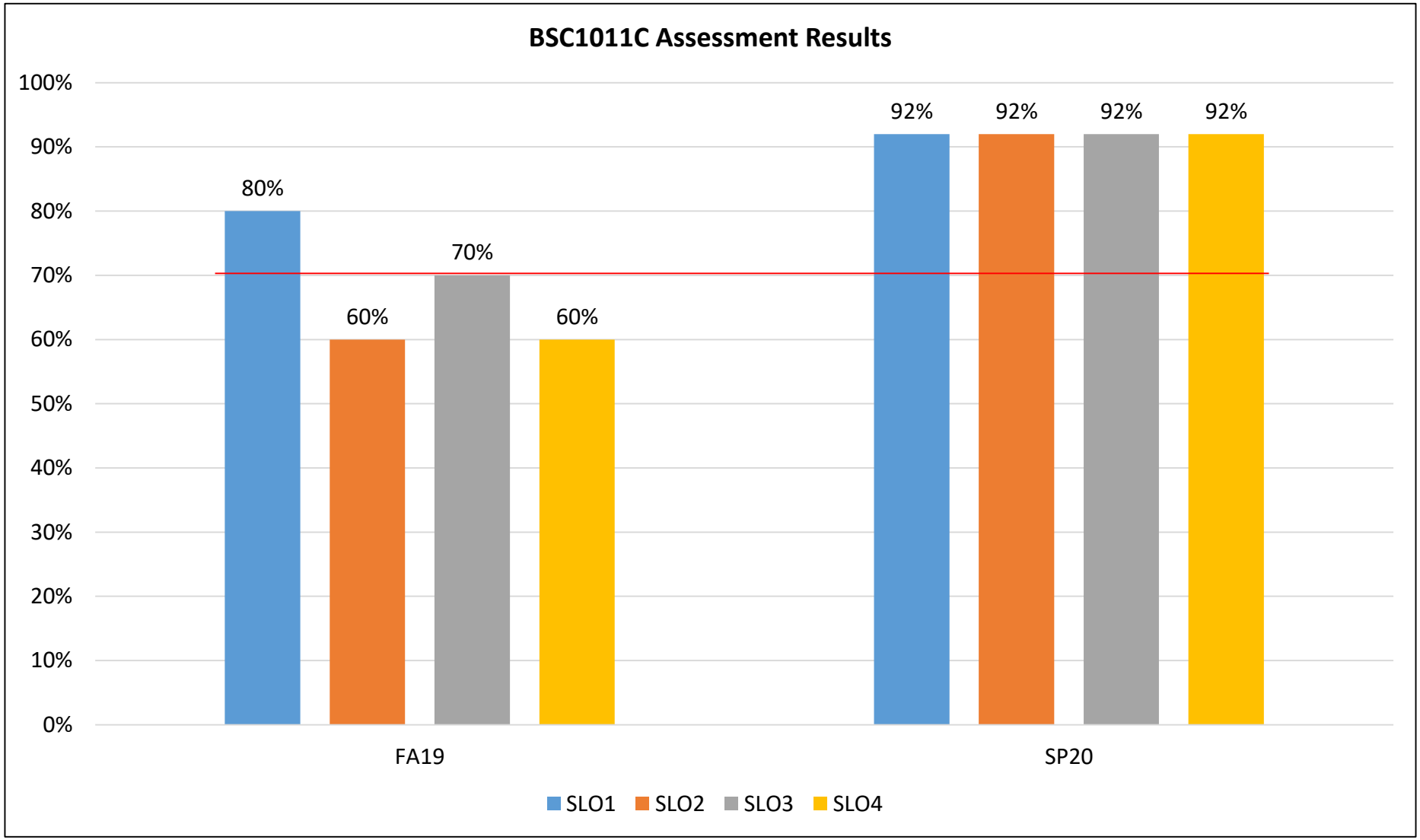
SLO 1: Observe and evaluate the characteristic features of the major phyla. *(1,3,4)*

SLO 2: Observe and analyze the development of the following: eukaryotic cell structure; multicellularity; terrestriality. *(1,4)*

SLO 3: Analyze and evaluate speciation as a continuous process producing transitional taxa. *(1,3,4)*

SLO 4: Analyze the diversity of life in the context of evolutionary theory. *(1,3,4)*

BSC1011C - Course Assessment Results 2019-2020



2019-20 Success Rate: 98%

Results given in averages

BSC1020 - Course Learning Outcomes

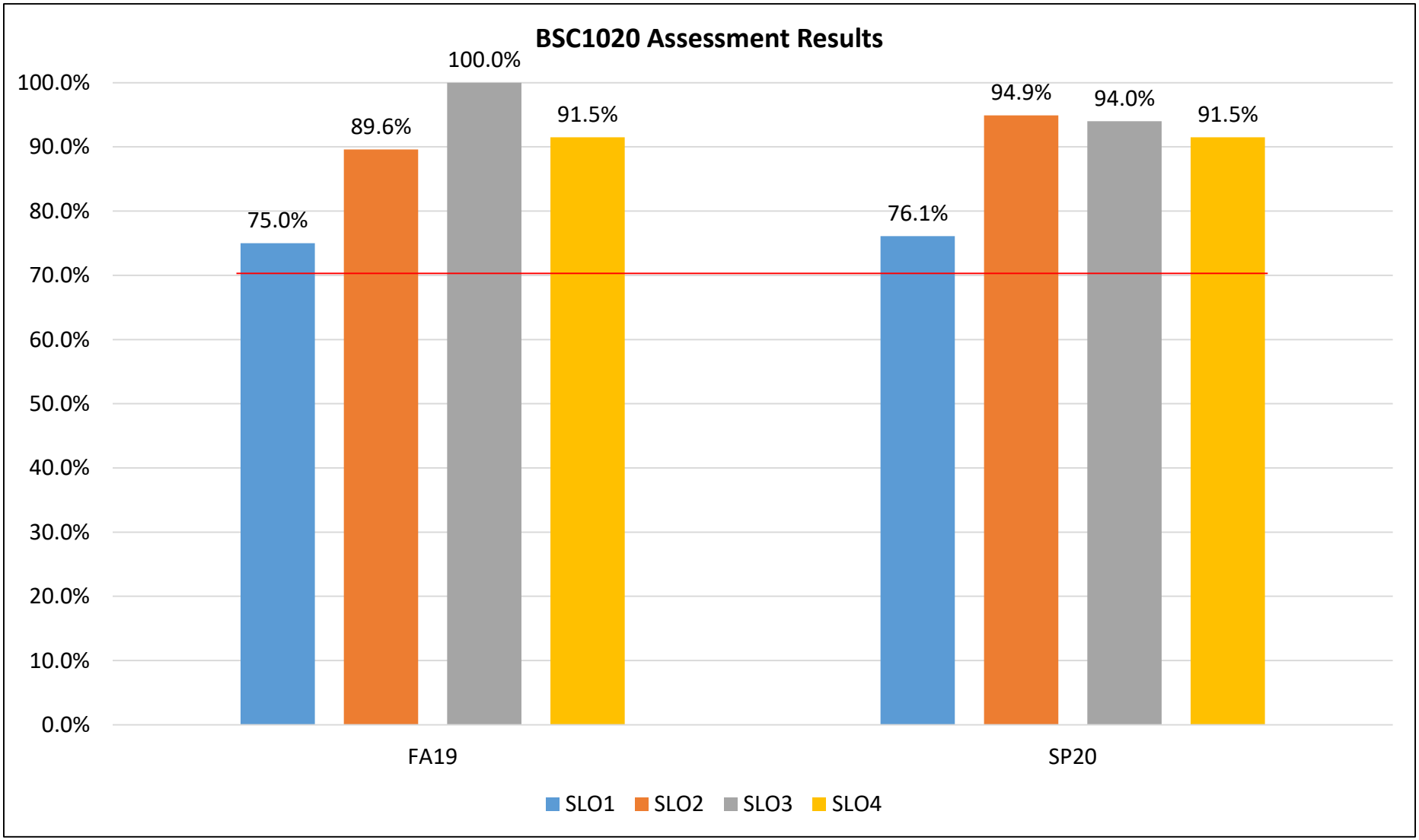
SLO 1: Evaluate the differences between living and nonliving things. *(1)*

SLO 2: Evaluate the major physiological and anatomical characteristics of the human body and present and aspect in oral or written form. *(1,2)*

SLO 3: Evaluate the effects of homeostatic mechanisms on the well-being of the human body and how pathologies affect these mechanisms. *(1)*

SLO 4: Evaluate the basic concepts of the cell, cell division and genetics. *(1)*

BSC1020 - Course Assessment Results 2019-2020



2019-20 Success Rate: 73%

BSC1085C - Course Learning Outcomes

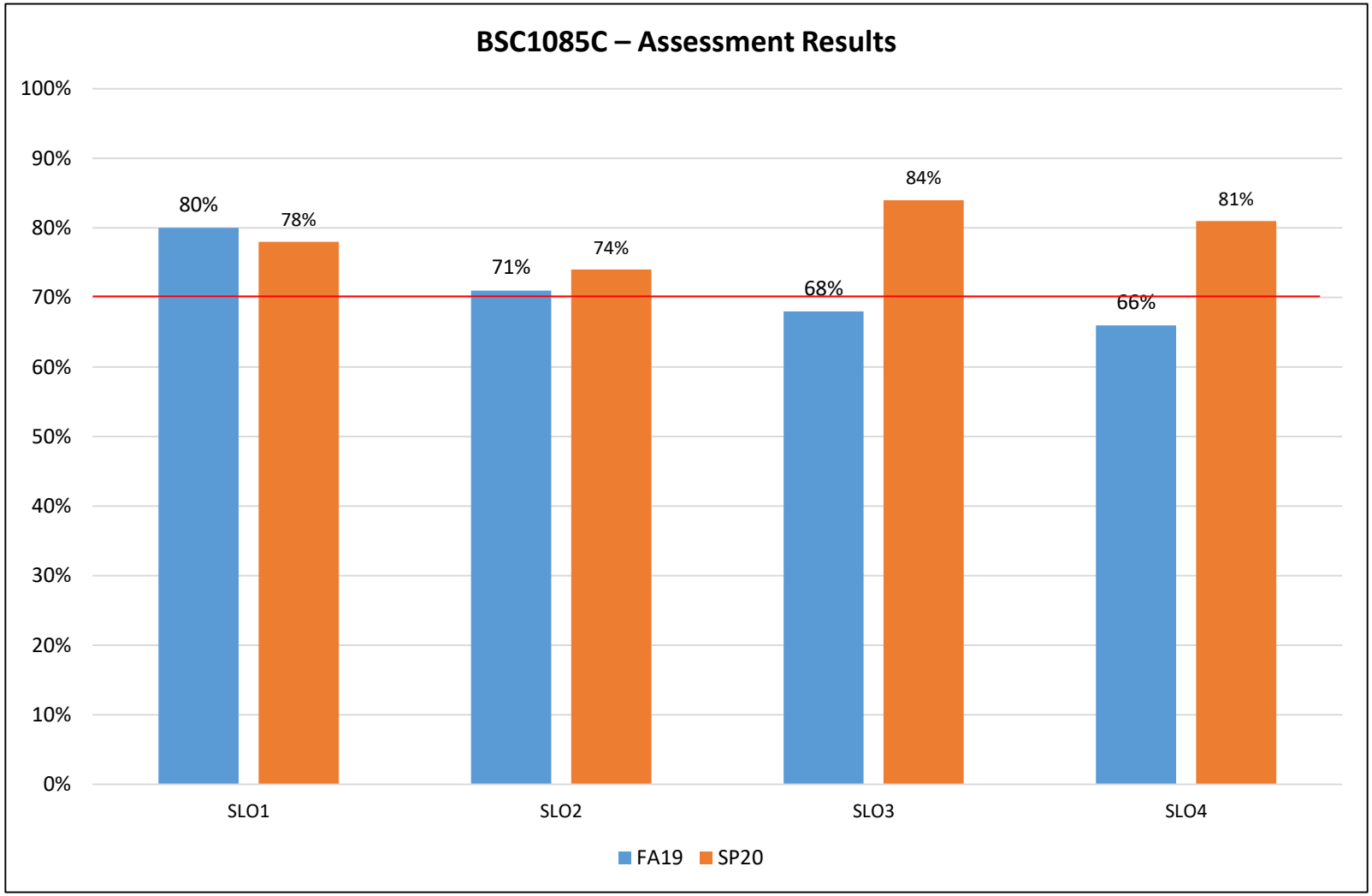
SLO 1: Define and properly use the terminology of human anatomy and physiology. *(2,4)*

SLO 2: Explain the basic structure and function of the cell. *(1,2.4)*

SLO 3: Identify the structures of the integumentary, skeletal, muscular, and nervous systems. *(2,4)*

SLO 4: Explain the physiology of the integumentary, skeletal, muscular, and nervous systems. *(1,2,4)*

BSC1085C - Course Assessment Results 2019-2020



2019-20 Success Rate: 69%

BSC1086C - Course Learning Outcomes

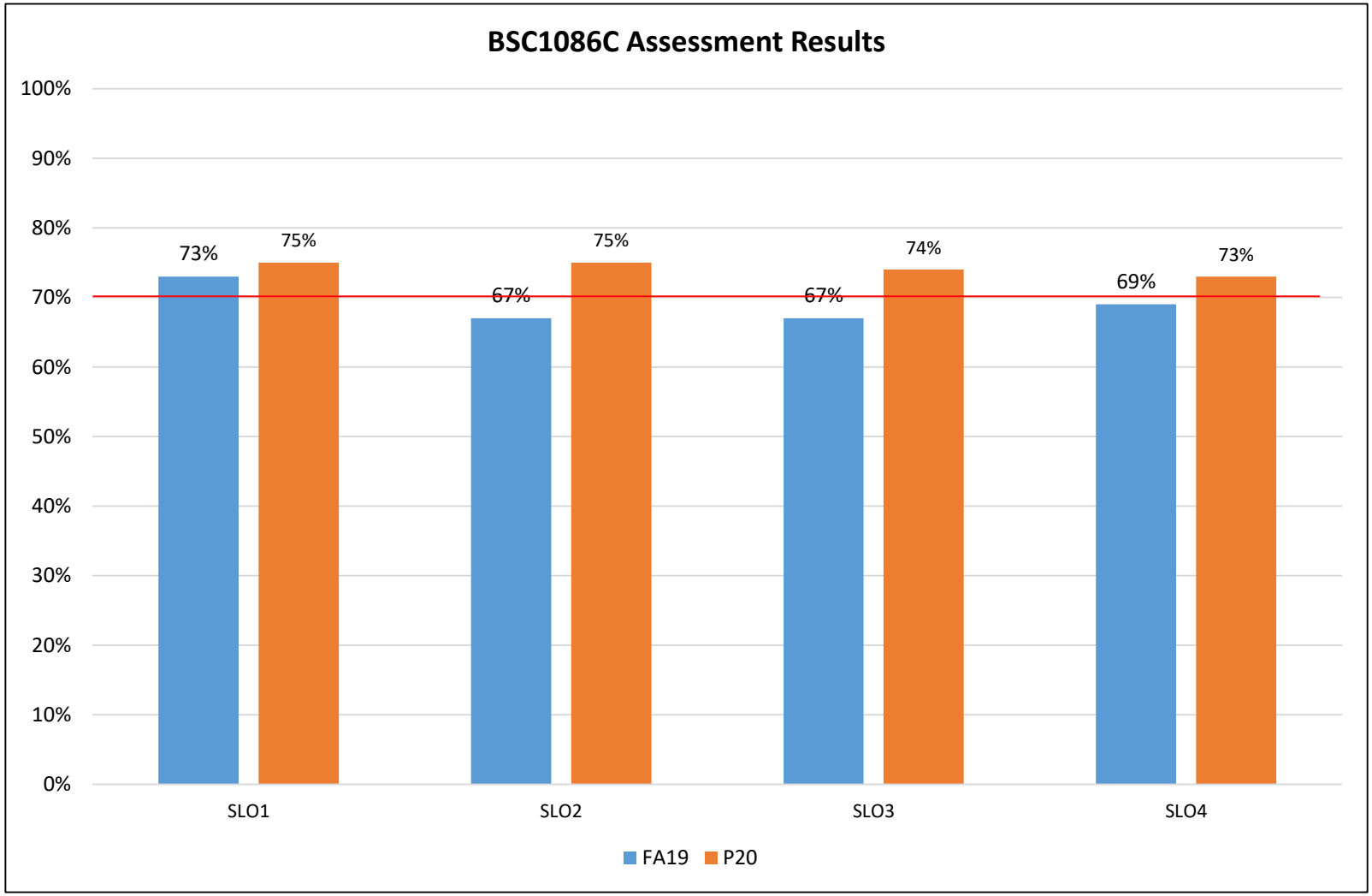
SLO 1: Identify the structures and organs of the ANS, digestive, urinary, circulatory, respiratory, endocrine and reproductive systems. *(1)*

SLO 2: Explain the physiology of the above seven systems. *(1)*

SLO 3: Demonstrate the homeostatic mechanisms of each system. *(1)*

SLO 4: Demonstrate the interrelationships between the systems studied and how they relate to the well-being of the human organism. *(1)*

BSC1086C - Course Assessment Results 2019-2020



2019-20 Success Rate: 87%

Using old course assessment template

CHM1020 - Course Learning Outcomes

SLO 1: Demonstrate an understanding of basic chemical concepts, including classification of matter. *(1,2)*

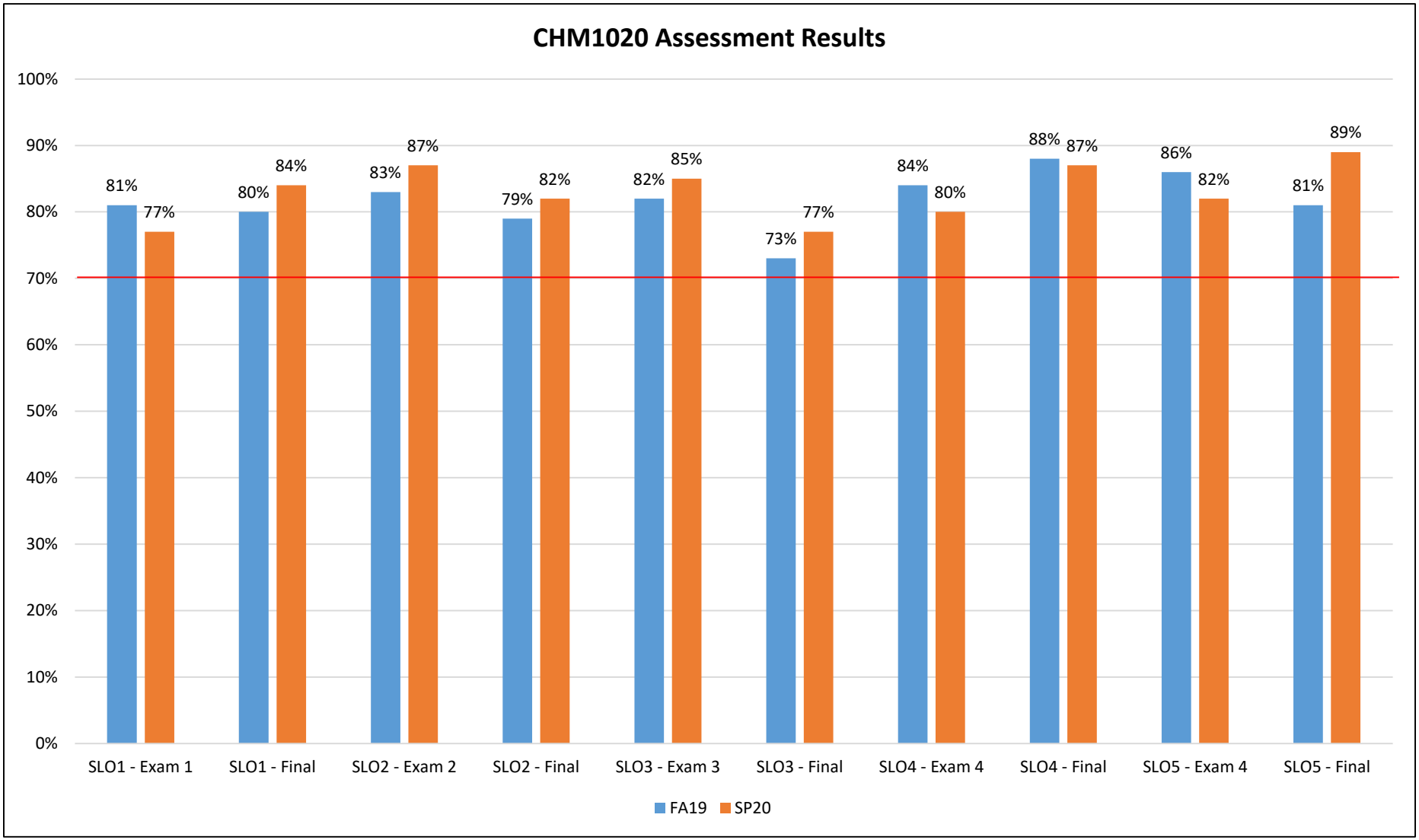
SLO 2: Gain an understanding of the vocabulary of chemistry, which permeates society on food and product labels, climate change, and in the discussion of sustainable energy. *(1)*

SLO 3: Demonstrate the ability to apply chemistry-centered mathematical concepts to real world solutions. *(1)*

SLO 4: Communicate scientific findings clearly and effectively using oral, written or graphic forms. *(1)*

SLO 5: Analyze information from multiple perspectives, including that presented in tabular or graphic format. The student will apply logical reasoning skills in this task. *(1)*

CHM1020 - Course Assessment Results 2019-2020



2019-20 Success Rate: 89%

CHM1025C - Course Learning Outcomes – No report

SLO 1: Demonstrate that all measured numbers contain a certain degree of error. *(1,2,4)*

SLO 2: Demonstrate knowledge of the evolution of atomic structure theories. *(1,2)*

SLO 3: Employ basic math techniques to solve common chemistry problems. *(1,2,4)*

SLO 4: Demonstrate basic chemistry vocabulary. *(1,2)*

CHM1045C - Course Learning Outcomes

SLO 1: Perform fundamental calculations such as Molar Mass., Empirical Formula and % Composition. *(1)*

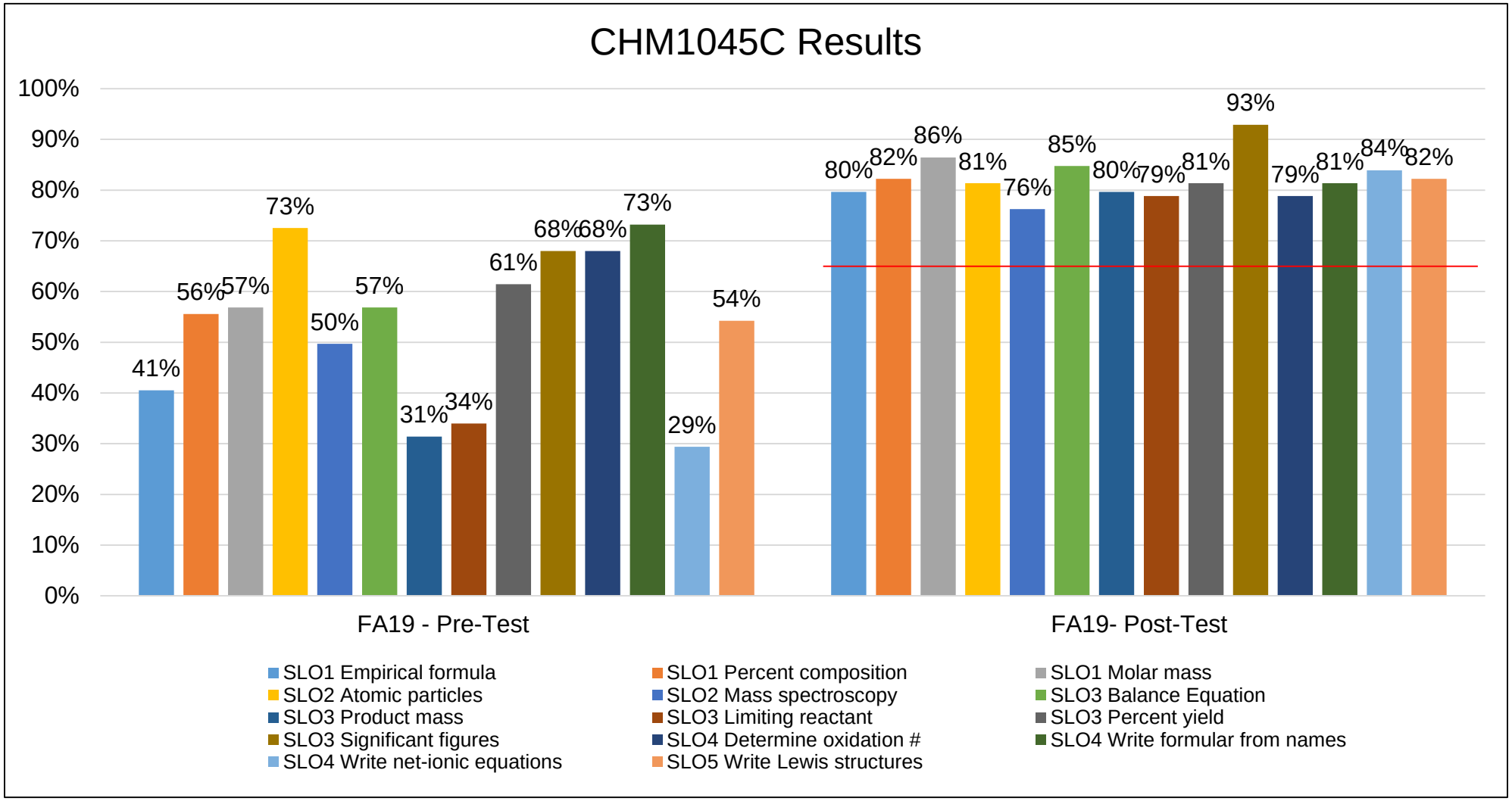
SLO 2: Describe both the gross and fine structures of the atom, with emphasis on correct electron configuration. *(1)*

SLO 3: Balance equations and relate coefficients to stoichiometric calculations involving mass, particles, solution volumes, gas volumes and energy. *(1)*

SLO 4: Use oxidation numbers in the writing of formulas and conversely to frame compounds using correct formulas and oxidation numbers. *(1)*

SLO 5: Discuss chemical bonding of elements. *(1)*

CHM1045C - Course Assessment Results 2019-2020



2019-20 Success Rate: 74%

CHM1046C - Course Learning Outcomes – No report

SLO 1: Discuss the correlation between molecular geometry, interparticle forces, and physical properties like boiling points, vapor pressure and solubility. *(1)*

SLO 2: Calculate values needed to predict colligative properties of mixtures. *(1,4)*

SLO 3: Interpret mathematically and graphically chemical kinetics data to ascertain kinetic and mechanistic information about reactions. *(1,4)*

SLO 4: Manipulate equilibrium constant data for molecular and ionic equilibrium; then use those answers to make predictions about reactions. *(1,4)*

SLO 5: Discuss the relationship of Gibbs Free Energy to Spontaneity and equilibrium constants for chemical reactions. *(1)*

SLO 6: Sketch and perform calculations for both galvanic and electrolytic cells. Relate the results to equilibrium constants and the spontaneity of the cell. *(1)*

CHM2210 - Course Learning Outcomes

SLO 1: Identify the major functional groups. *(1,2)*

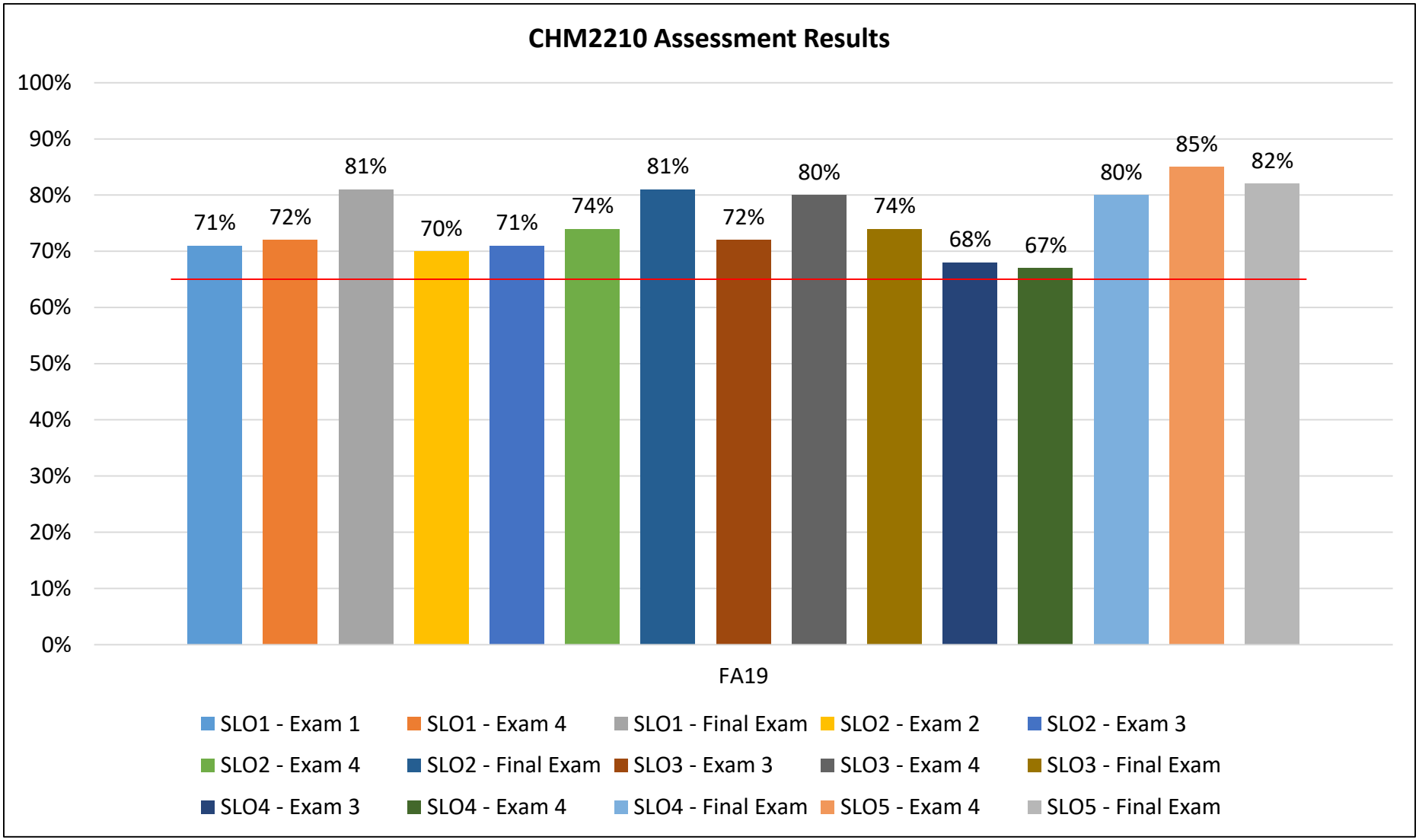
SLO 2: Identify the products of chemical reactions of the functional groups covered. *(1)*

SLO 3: Apply an understanding of chemical reactions to multi-step synthesis of organic compounds. *(1)*

SLO 4: Apply the concepts of stereochemistry to organic reactions. *(1)*

SLO 5: Identify compounds on the basis of the evidence of spectroscopic tests. *(1)*

CHM2210 - Course Assessment Results 2019-2020



2019-20 Success Rate: 79%

CHM2211 - Course Learning Outcomes

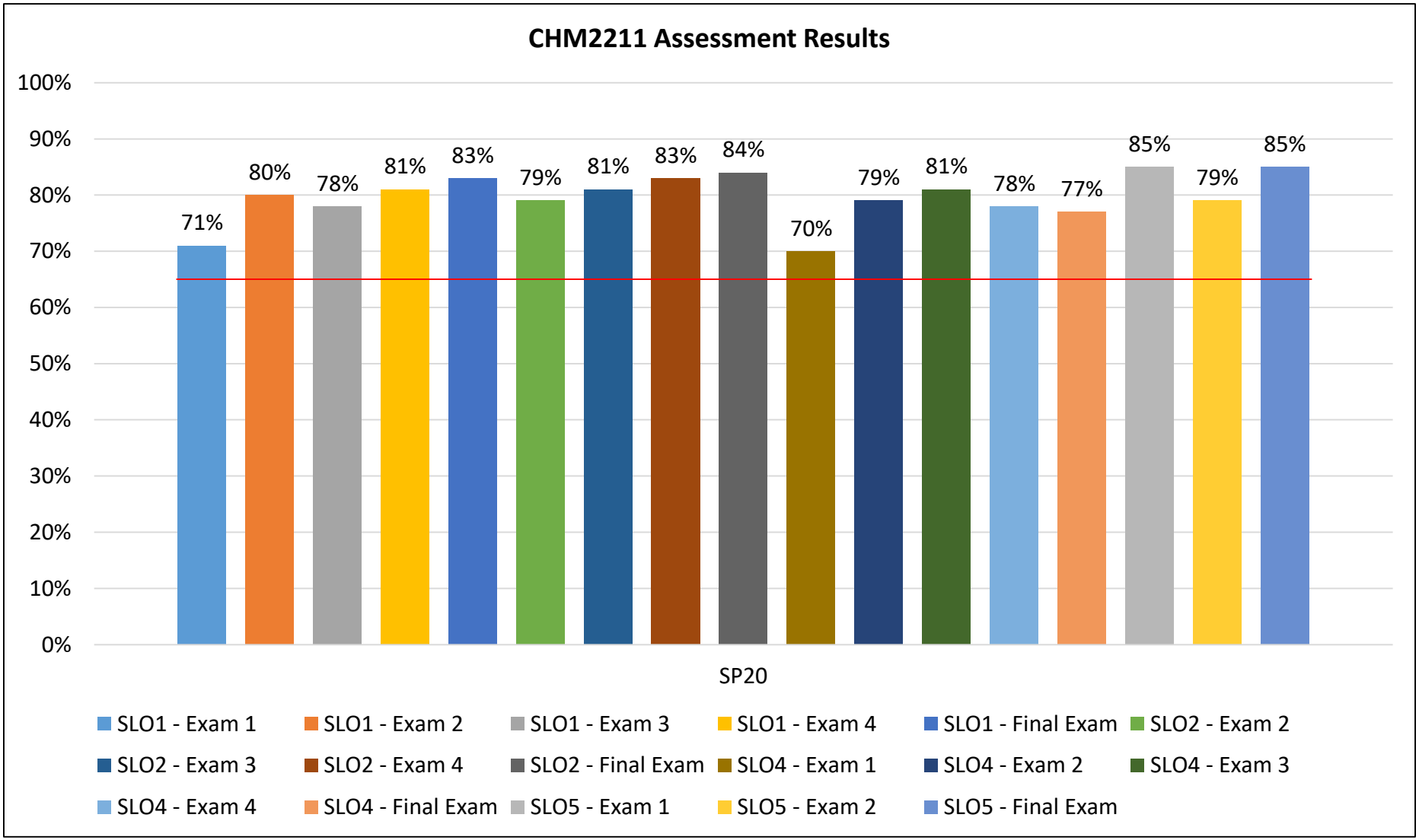
SLO 1: Identify the products of chemical reactions of the functional groups covered in the course. *(1,2)*

SLO 2: Apply an understanding of chemical reactions to multi-step synthesis of organic compounds. *(1)*

SLO 3: Use the concept of resonance and inductive effect to predict chemical behavior. (1)

SLO 4: Identify the structure of organic compounds on the basis of spectral evidence. *(1)*

CHM2211C - Course Assessment Results 2019-2020



2019-20 Success Rate: 97%

EVR2001 - Course Learning Outcomes

SLO 1: Explain that the Earth is one interconnected physical and natural system that changes over time and space. *(1, 2)*

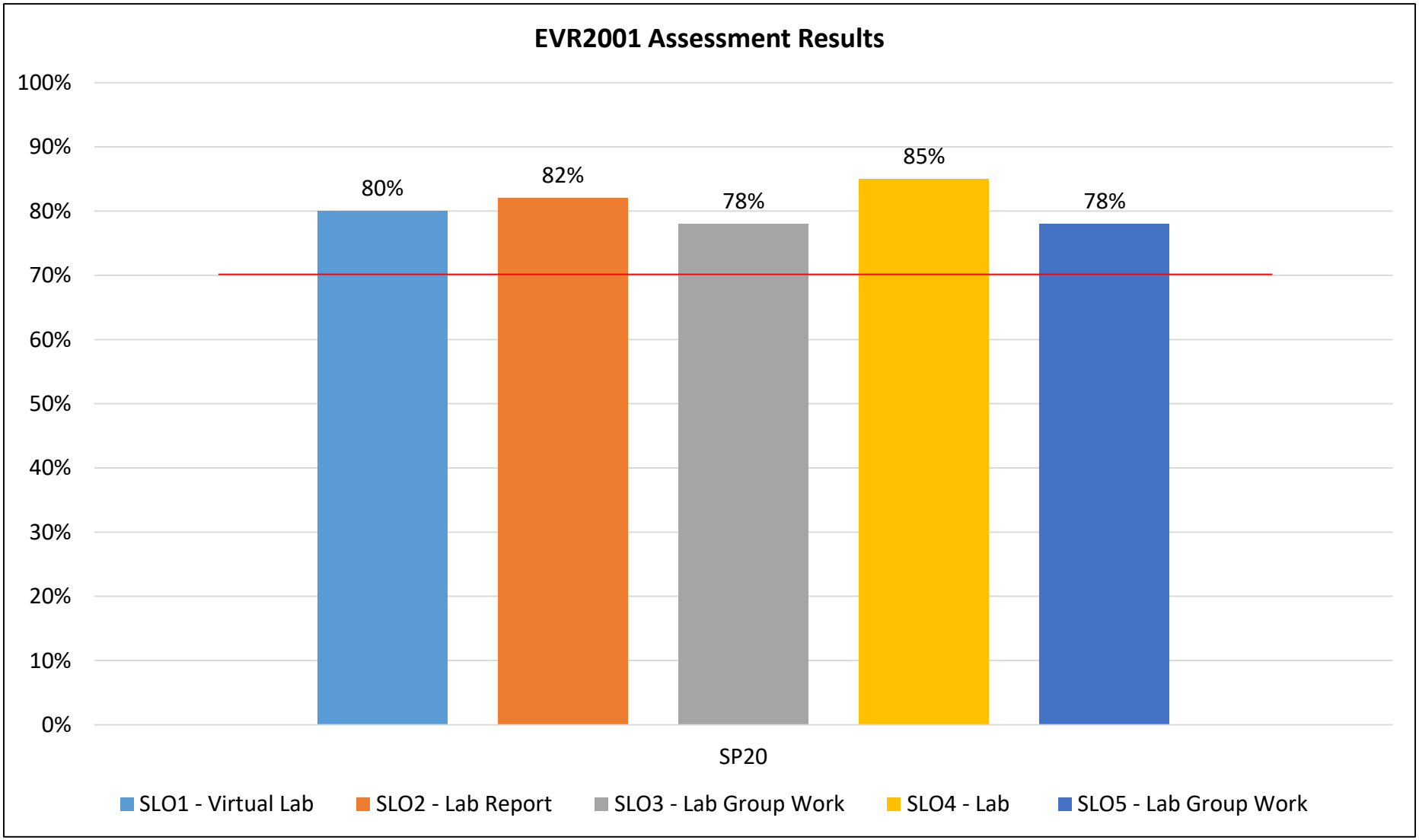
SLO 2: Discuss and explain environmental issues in both a cultural and social context. *(1, 2)*

SLO 3: Identify and quantify specific types of pollution, specific pressures on natural resources, and ways to limit the pollution or pressure on natural resources by refusing, reducing, reusing, and recycling. *(1, 2)*

SLO 4: Compare and contrast the ability of Earth's natural biogeochemical systems to recover from selected disturbances. *(1)*

SLO5: Analyze the effect of human activities, geologic processes, and climate change on populations and the earth's resources over time. *(1)*

EVR2001 - Course Assessment Results 2019-2020



2019-20 Success Rate: 79%

Please revise Level of Achievements

EVR2943 - Course Learning Outcomes

SLO 1: Secure information about a job and conduct a job search. *(1, 2)*

SLO 2: Identify documents that may be required when applying for a job and complete a job application. *(1)*

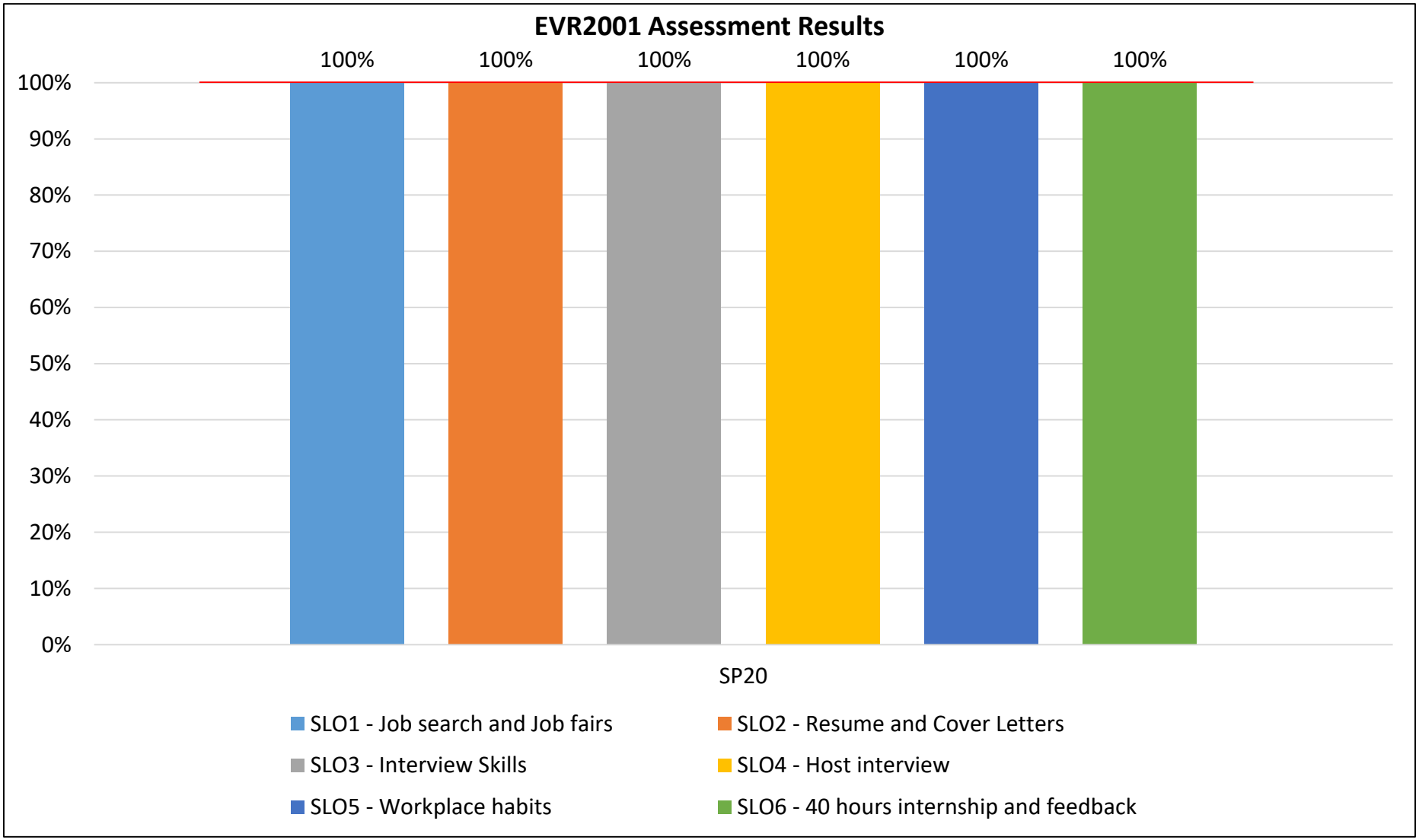
SLO 3: Demonstrate competence in job interview techniques. *(1, 2)*

SLO 4: Identify or demonstrate appropriate responses to criticism and instruction from employer, supervisor, or other persons. *(1)*

SLO5: Identify acceptable work habits. *(1)*

SLO6: Demonstrate the ability to test theory learned in the classroom with an actual working situation and discover the value of work and the rewards of accomplishment. *(1, 2)*

EVR2943 - Course Assessment Results 2019-2020



2019-20 Success Rate: 100%

GLY2010C - Course Learning Outcomes – No report

SLO 1: Describe the origin and formation of the earth in relation to the origin of the universe and the solar system. *(1,2,4)*

SLO 2: Explain the basic structure of the earth and the nature of solid earth materials. *(1,2,4)*

SLO 3: Describe the physical processes that operate to reshape our dynamic planet. *(1,2,4)*

SLO 4: Explain the concept of geologic time and be familiar with the geologic time scale. *(1,2,4)*

SLO5: Identify the causes of geologic hazards such as earthquakes, volcanic eruptions, landslides ad floods, and how the effects of these hazards can be mitigated. *(1,2,4)*

MCB1010C - Course Learning Outcomes

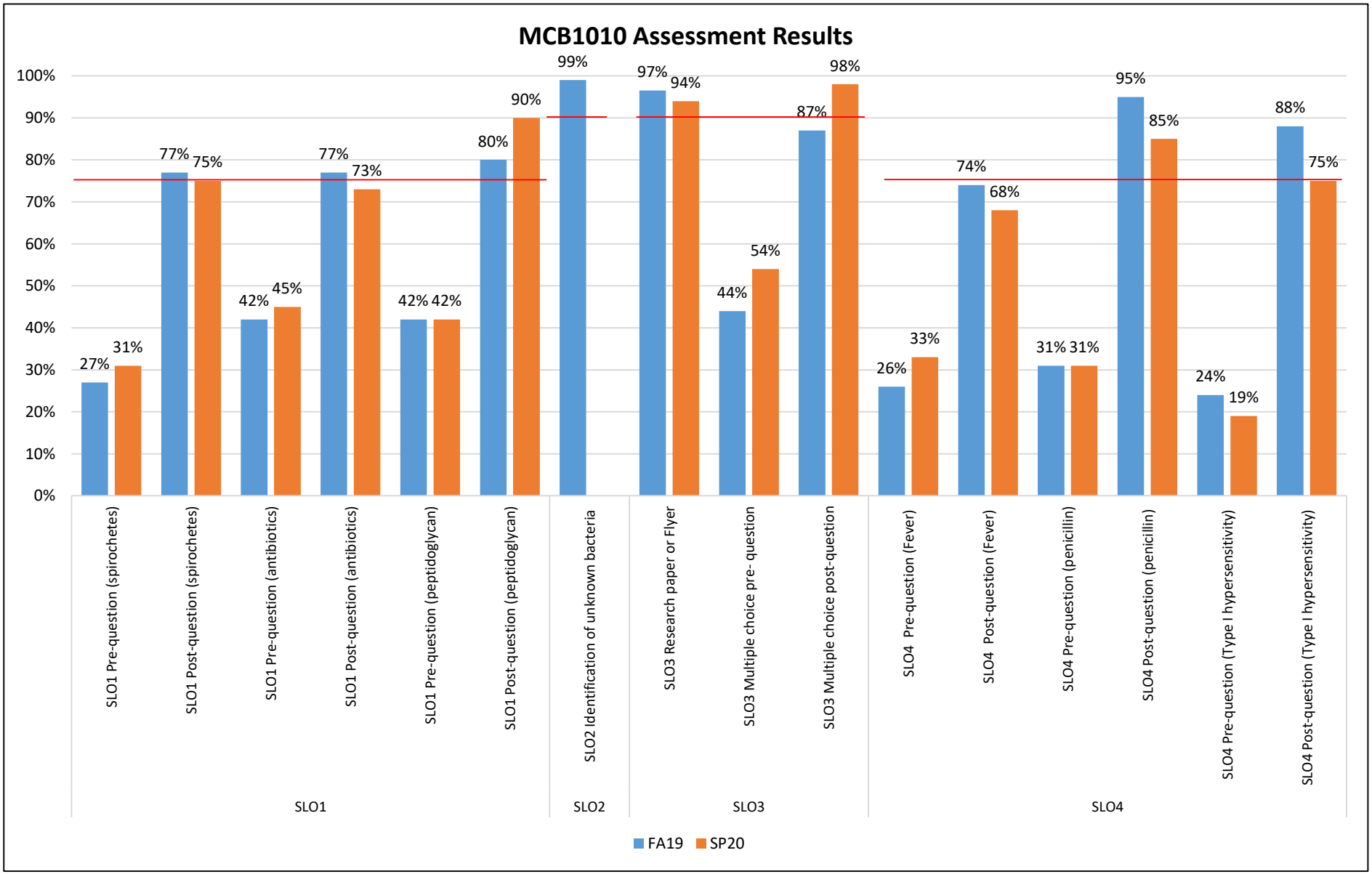
SLO 1: Describe morphological and structural features of bacteria and its function in the organism. *(1)*

SLO 2: Operate the microscope to observe bacteria stained with various staining procedures. *(1)*

SLO 3: Describe how infectious agents may be transmitted to a host and how they may cause disease. *(1,2,4)*

SLO 4: Describe the nonspecific and specific immune host responses to an infectious agent. *(1)*

MCB1010C - Course Assessment Results 2019-2020



2019-20 Success Rate: 89%

OCE1001 - Course Learning Outcomes – No report

SLO 1: Identify Earth's oceans ad their major features on a map of the world. *(1,2,4)*

SLO 2: Explain plate tectonics and the features of the sea floor including the sediments, rocks and mineral deposits. *(1,2,4)*

SLO 3: Explain the chemical and physical properties of seawater. *(1,2,4)*

SLO 4: Evaluate the coupling effects of ocean and atmosphere. *(1,2,4)*

SLO5: Distinguish types of ocean currents and the causes and nature of tides and waves. *(1,2,4)*

PHY1020 - Course Learning Outcomes

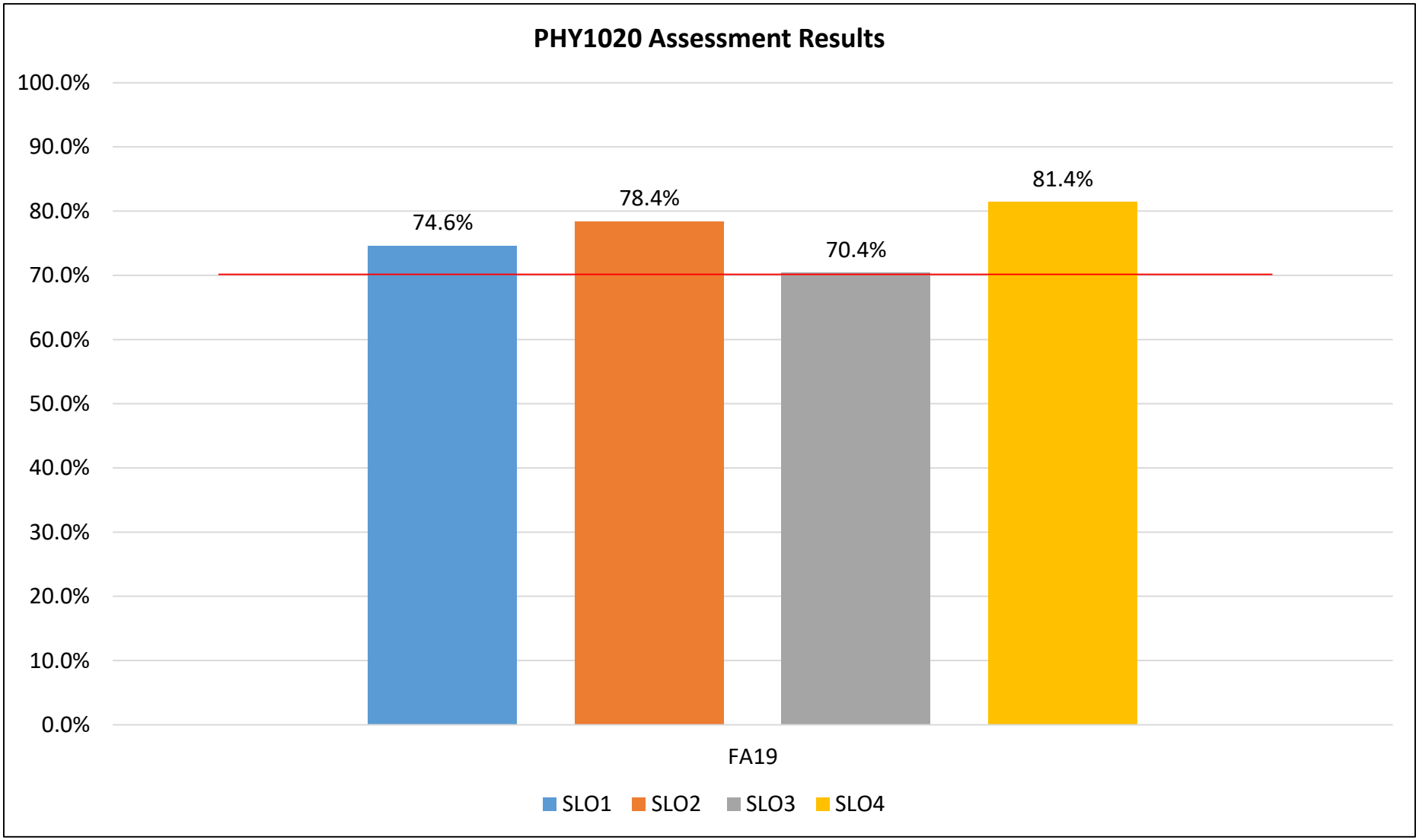
SLO 1: Explain and summarize the basic principles of thermodynamics. *(1, 2,4)*

SLO 2: Solve word problems dealing with the application of physical laws. *(1, 2,4)*

SLO 3: Relate physical principles to phenomena seen in the environment. *(1, 2,4)*

SLO 4: Demonstrate a working understanding of energy and its environmental effects. *(1,2,4)*

PHY1020 - Course Assessment Results 2019-2020



2019-20 Success Rate: 79%

Results given as overall average

PHY1053 - Course Learning Outcomes

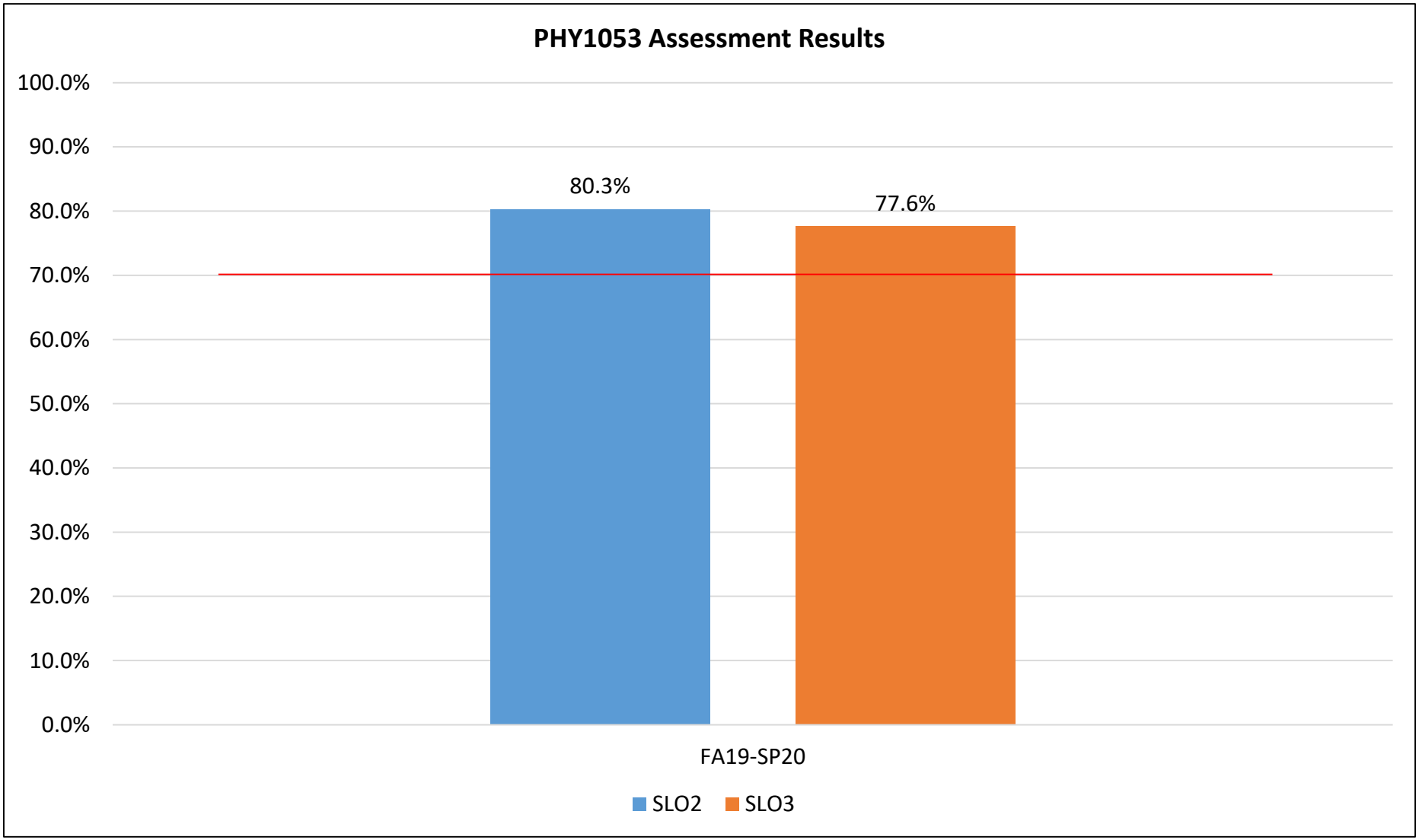
SLO 1: Define and understand Newton's three laws of motion and describe their importance. *(1, 2,4)*

SLO 2: Describe the principles of conservation of energy and momentum and apply them to concepts of mechanics. *(1, 2,4)*

SLO3: Describe the principles of conservation of energy and momentum and apply them to concepts of mechanics. *(1, 2, 4)*

SLO4: Analyze the principle concepts of rotational motion about a fixed axis and be able to apply these concepts to problem solving. *(1, 2, 4)*

PHY1053 - Course Assessment Results 2019-2020



2019-20 Success Rate: 91%

No report for SLOs 1 and 4

PHY2048 - Course Learning Outcomes

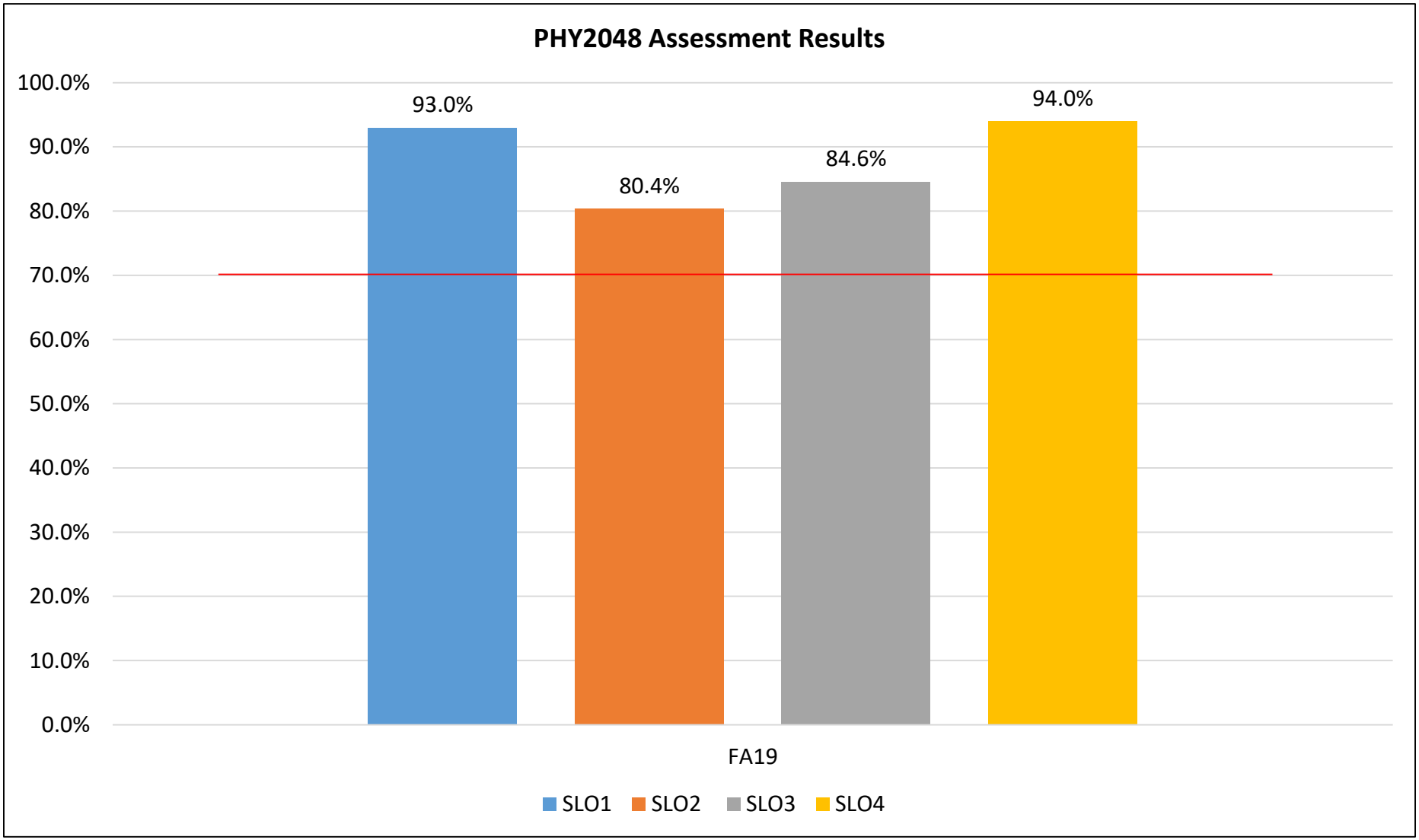
SLO 1: Understand and apply Newton's Laws to both static and dynamic situations, with special emphasis placed on situations involving constant acceleration. *(1, 2,4)*

SLO 2: Use his or her understanding of work and its association with kinetic and potential energy, along with the conservation principles of energy and momentum to solve problems. *(1, 2,4)*

SLO 3: Extend his or her understanding of Newton's Laws and conservation principles to situations in which objects have rigid internal structure and can rotate. *(1, 2,4)*

SLO 4: Understand and apply the concept of simple harmonic motion in situations involving the various types of harmonic oscillation. *(1,2,4)*

PHY2048 - Course Assessment Results 2019-2020



2019-20 Success Rate: 89%

Results given as overall average

PHY2049 - Course Learning Outcomes

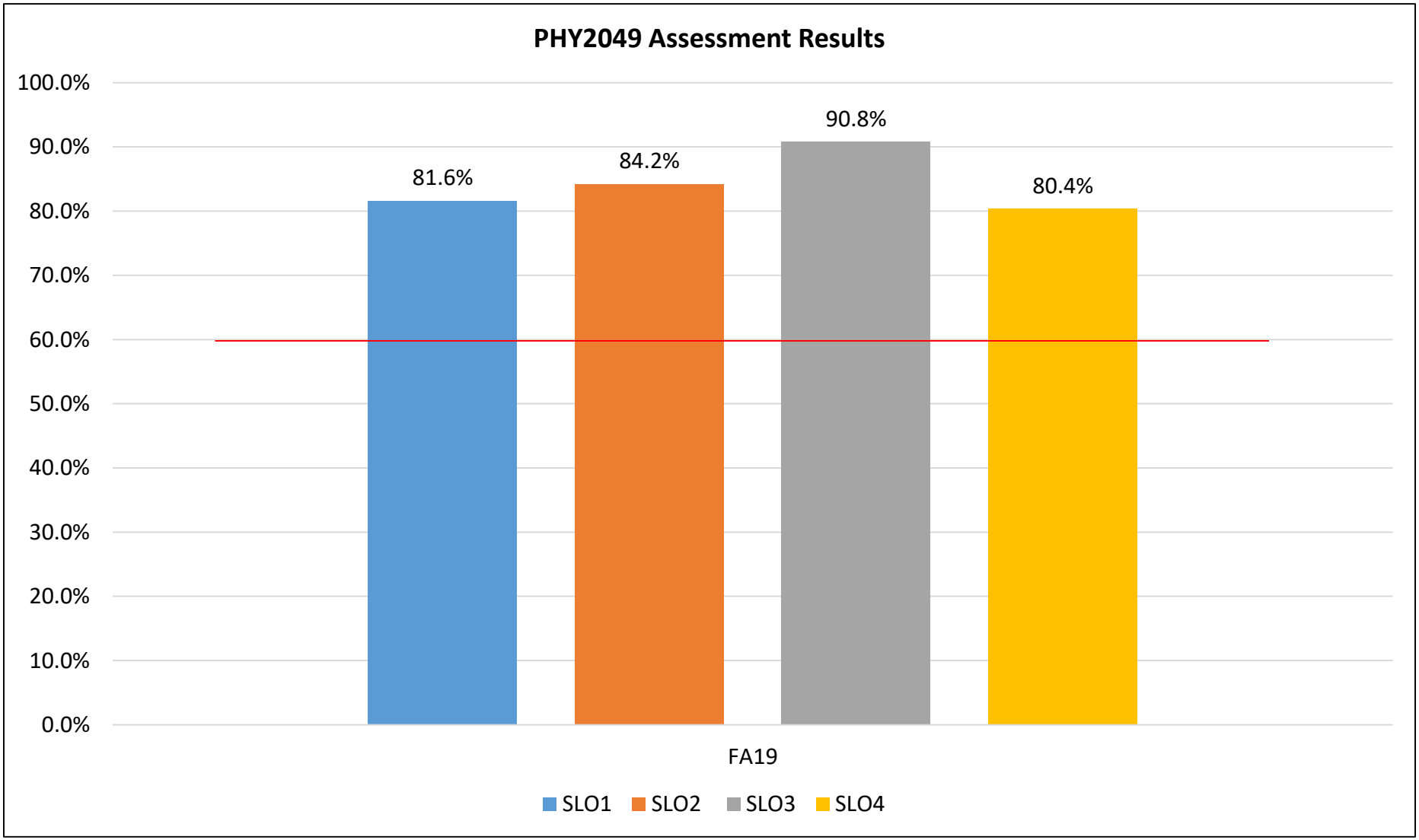
SLO 1: Understand and apply the principles of Coulomb's Law, the electric field, Gauss' Law, and the electric potential in situations involving systems of charges. *(1, 2,4)*

SLO 2: Apply and understand the concepts of the magnetic field and inductance. *(1, 2,4)*

SLO 3: Use the concepts of capacitance, resistance, current, voltage, and inductance in relation to electrical circuits. *(1, 2,4)*

SLO 4: Understand the implications of Maxwell's Equations with regards to electricity, magnetism, and electromagnetic waves. *(1,2,4)*

PHY2049 - Course Assessment Results 2019-2020



2019-20 Success Rate: 97%

Results given as overall average
Target must be revised; it is currently set to 60%

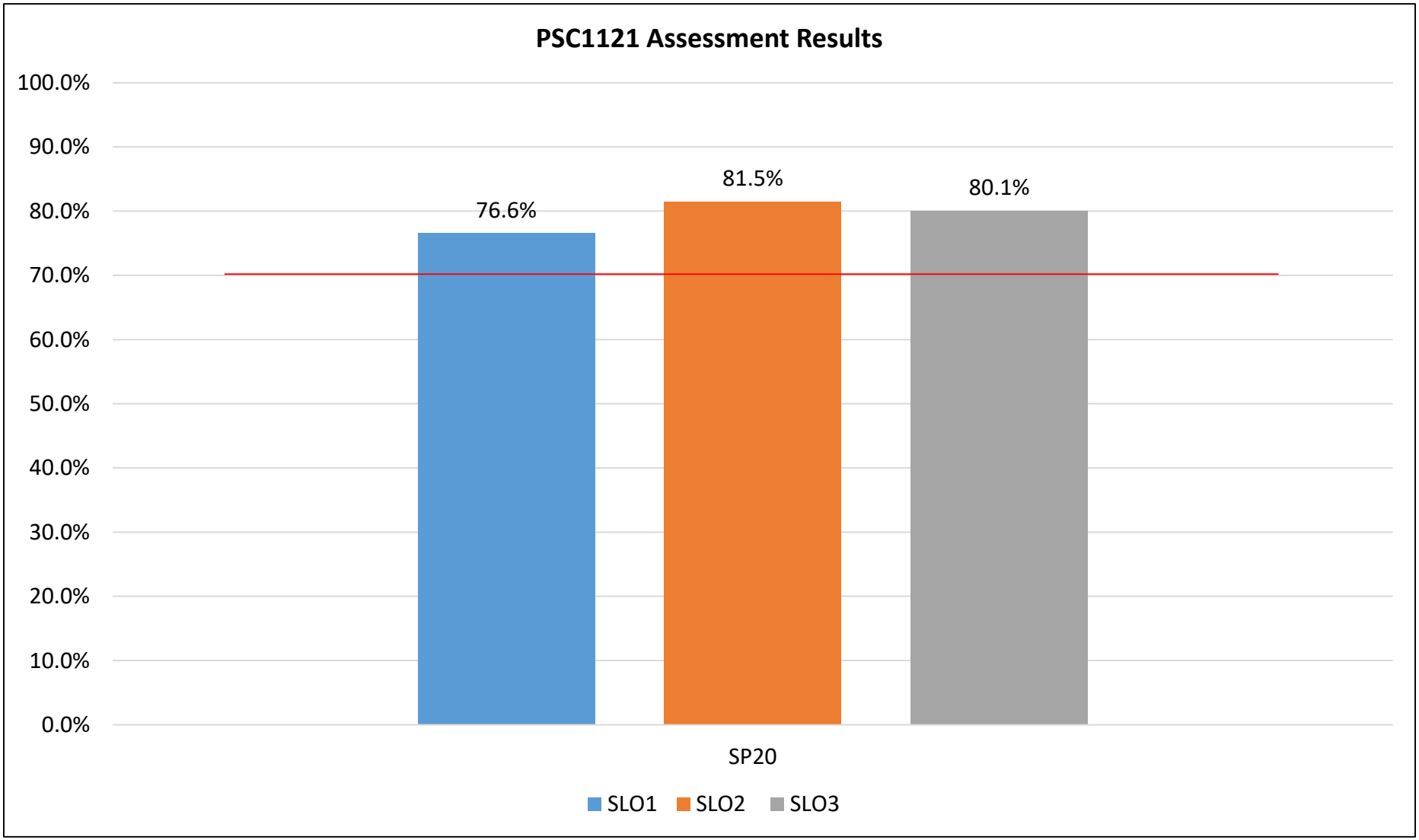
PSC1121 - Course Learning Outcomes

SLO 1: Explain or summarize the basic principles of mechanics. Discuss motion and energy. *(1, 2,4)*

SLO 2: Discuss the structure of the atom and acquire an understanding of simple chemical reactions. *(1, 2,4)*

SLO 3: Understand the theory of plate tectonics. Perform calculations involving p-waves and s-waves. *(1, 2,4)*

PSC1121 - Course Assessment Results 2019-2020



2019-20 Success Rate: 88%

Results given as overall average

SWS2007 - Course Learning Outcomes

SLO 1: Apply fundamental principles of chemistry and physics in relation to critical zone processes in the pedosphere and hydrosphere. *(1,2,4)*

SLO 2: Classify fundamental biological processes and differentiate basic organism function in soil and hydrologic systems. *(1,2,3,4)*

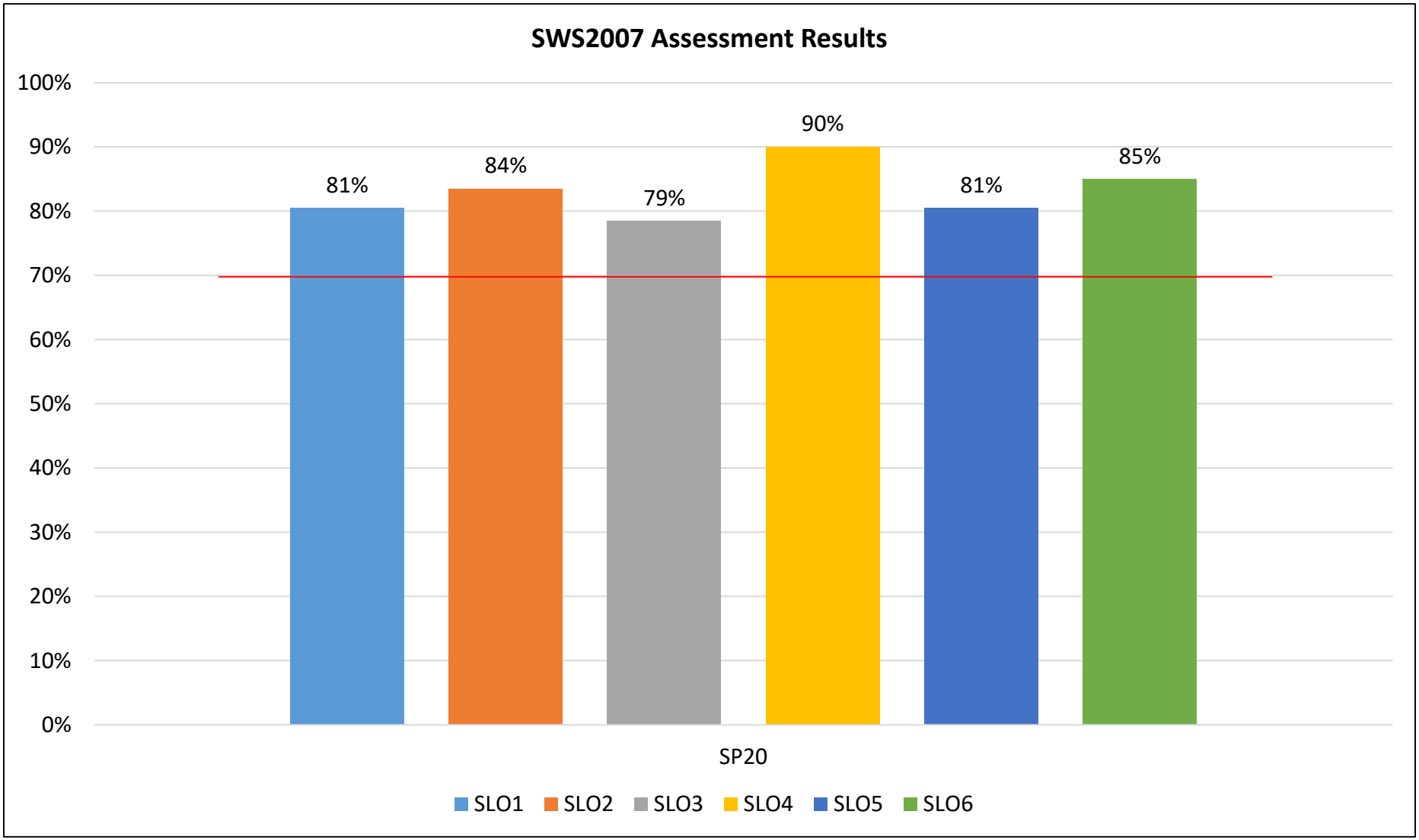
SLO 3: Utilize field observations, case study evidence and experimental data to describe soil formation, morphology, and interactions of the varied components of the hydrologic cycle. *(1,2,3,4)*

SLO 4: Critically evaluate the sustainability of water resources in relation to human needs and natural ecosystem function. *(1,2,3,4)*

SLO5: Demonstrate quantitative problem-solving abilities by applying, analyzing and synthesizing content knowledge related to soil and water chemistry and physics. *(1,2,3,4)*

SLO6: Create, interpret and analyze written text, oral messages and multimedia presentations used in agricultural and life sciences. *(1,2,3,4)*

SWS2007 - Course Assessment Results 2019-2020



2019-20 Success Rate: 83%

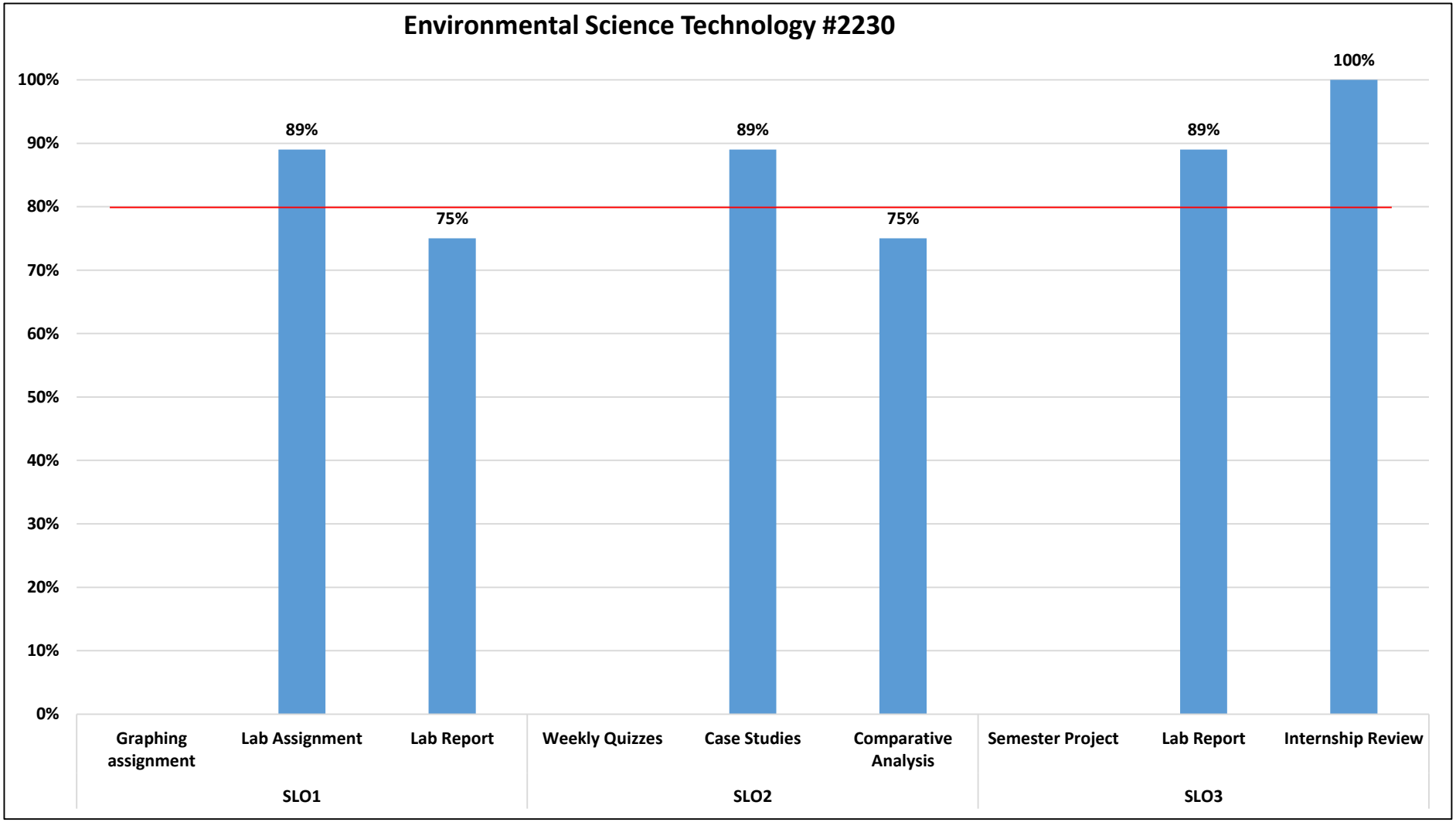
Environmental Science Technology # 2230
Program Learning Outcomes

SLO 1: Students will be able to identify and explain environmental processes and human - environment interactions. *(1, 2,3,4)*

SLO 2: Students will be able to apply interdisciplinary perspectives and approaches in order to critically analyze and evaluate environmental issues on local and global scales. *(1,2,4)*

SLO 3: Students will be able to monitor, sample and evaluate environmental conditions and design effective presentations of their data. *(1, 2, 4)*

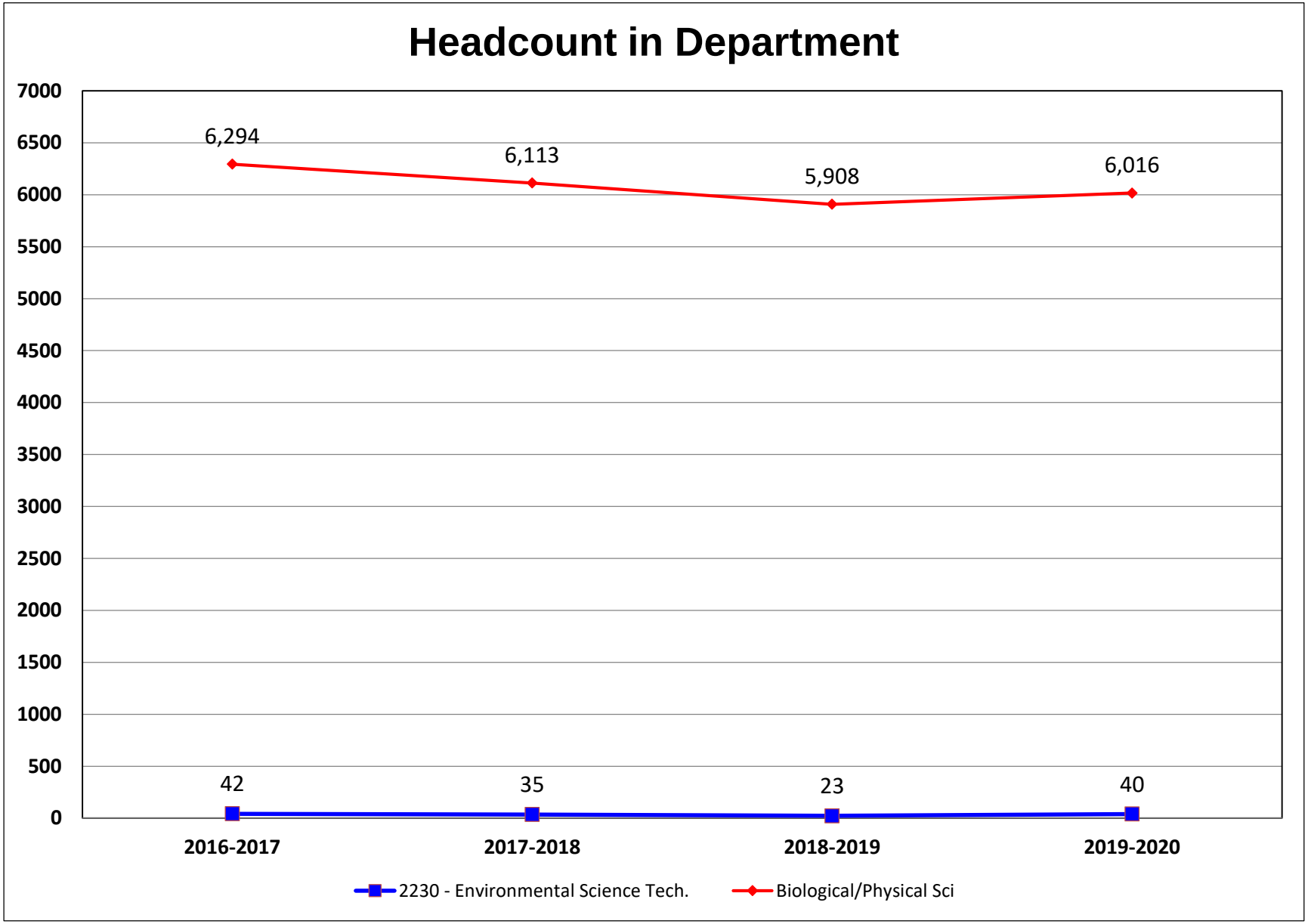
Environmental Science Technology # 2230 Program Assessment Results 2019-2020



Target: 70% of students will achieve an 80% or higher in all assessment measures

Assessment Data 2018-2019 and 2019-2020 : Programs and Institutional Learning Outcomes

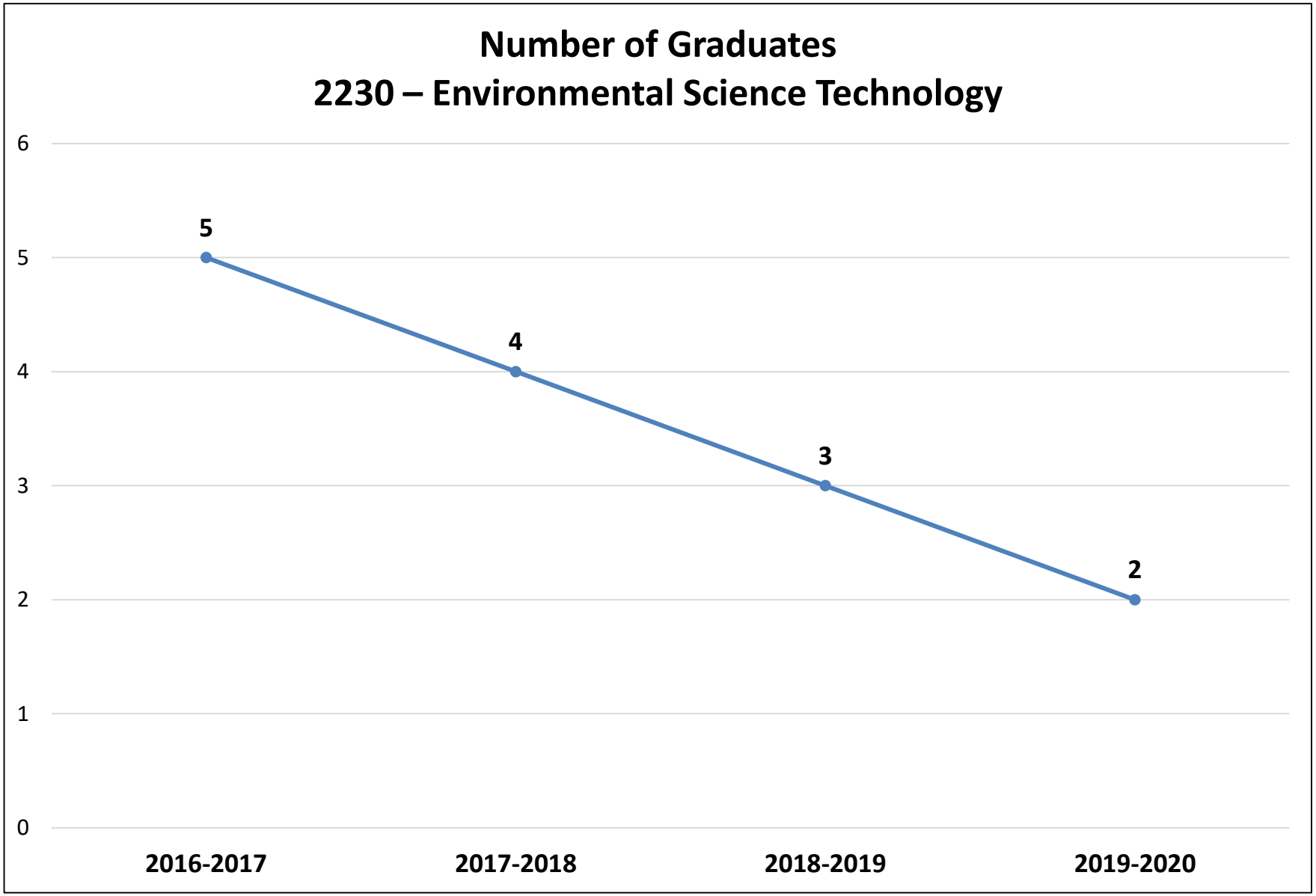
Program	Critical/ Creative Thinking		Communication		Cultural Literacy		Information and Technical Literacy	
	2018-2019	2019-2020	2018-2019	2019-2020	2018-2019	2019-2020	2018-2019	2019-2020
Environmental Science Technology (2230)	85%-100%	75%-89%	85%-100%	75%-89%	100%	89%	85%-100%	75%-89%



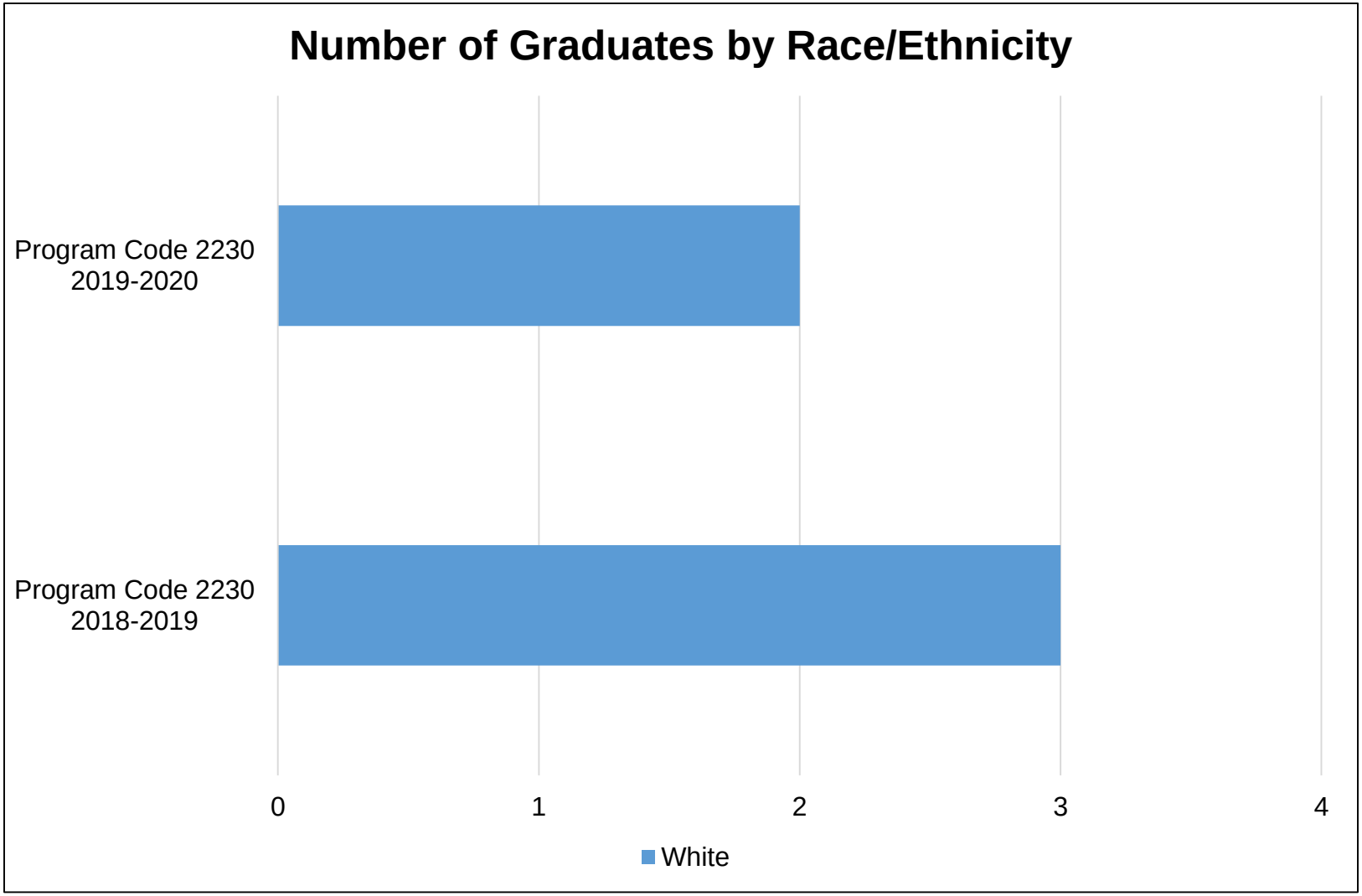
Dual Enrollment count for 2019-2020: 883

Headcount in majors includes students who have declared that major.
Headcount in department includes students taking courses in the department.

Source: IR Program Assessment Data



Source: IR Program Assessment Data



Source: IR Program Assessment Data

Time to Degree

Major	Average of Years to Completion
223000 – Environmental Science Technology A.S.	5.5

Source: IR Program Assessment Data

Graduation Rates

Major	Fall Cohort Year	# in Cohort	Graduated within 150% Time	150% Graduation Rate	Graduated within 200% Time	200% Graduation Rate
2230-Environmental Science Technology	2013	15	1	6.7%	1	6.7%
	2014	17	3	17.6%	4	24%
	2015	10	2	20%	2	20%
	2016 –200% in progress	12	1	8%	1	8%
	2017 – in progress	15	0	0%	0	0%

Workforce Completion Rate for 150%: 34.28% and for 200%: 41.09%

Fall Cohort Year includes prior Summer term enrollment in major.

Graduation within 200% time includes graduates within 150% time.

Source: IR Program Assessment Data

Graduation Rates by Race /Ethnicity

Major	Fall Cohort Year	Race/Ethnicity	# in Cohort	Graduated within 150% Time	150% Graduation Rate	Graduated within 200% Time	200% Graduation Rate
2230-Environmental Science Technology	2014	Hispanic	3	2	67%	2	67%
		White	14	1	7%	2	14%
	2015	Asian	1	0	0%	0	0%
		Hispanic	1	0	0%	0	0%
		White	8	2	25%	6	25%
	2016 –200% in progress	Black	1	0	0%	0	0%
		Hispanic	2	0	0%	0	0%
		Unknown	1	0	0%	0	0%
		White	8	1	13%	1	13%
	2017 – in progress	Hispanic	3	0	0%	0	0%
		Two or More Races	1	0	0%	0	0%
		White	11	0	0%	0	0%

Fall Cohort Year includes prior Summer term enrollment in major.

Graduation within 200% time includes graduates within 150% time.

Source: IR Program Assessment Data

Graduation Rates By Gender

Major	Fall Term	Gender	# Students	Graduation			
				Graduated within 150% Time	Graduation Rate	Graduated within 200% Time	Graduation Rate
2230-Environmental Science Tech	2014	Female	7	1	14%	2	29%
		Male	10	2	20%	2	20%
	2015	Female	7	2	29%	2	29%
		Male	3	0	0%	0	0%
	2016	Female	7	1	14%	1	14%
		Male	5	0	0%	0	0%
	2017	Female	9	0	0%	0	0%
		Male	6	0	0%	0	0%

Source: IR Program Assessment Data

Retention Rates

Program and Year		Registered	Exclusions	Adjusted Cohort	Retained by DSC		Retained by Program		Total Retained
					N	%	N	%	
2230 - ENVIRONMENTAL SCIENCE TECH.	2014	33	3	30	5	16.67%	10	33.33%	49.99%
	2015	32	4	28	3	10.71%	9	32.14%	42.85%
	2016	26	4	22	0	0.00%	10	45.00%	45.00%
	2017	29	3	26	1	3.85%	11	42.31%	46.15%
	2018	29	3	26	0	0.00%	11	42.31%	42.31%

Exclusions - Includes students who are deceased or graduated fall of the specified year or the following spring or summer.
Retained by DSC - Students who were still registered at DSC the following fall but with a different primary major.
Retained by Program - Students who were registered the following fall with the same primary major.

Source: IR Program Assessment Data

Retention Rates by Race/Ethnicity

Major	Fall	Race/Ethnicity	Registered	Exclusions	Adjusted Cohort	Retained by Program	
						N	%
2230 - ENVIRONMENTAL SCIENCE TECH.	FA18 to FA19	Black	1	0	1	1	100%
		Hispanic	2	0	2	1	50%
		Two or More Races	1	0	1	1	100%
		Unknown	1	0	1	1	100%
		White	24	3	21	7	33.3%
	FA17 to FA18	Black	1	0	1	1	100%
		Hispanic	4	0	4	0	0%
		Two or More Races	1	0	1	1	100%
		Unknown	1	0	1	1	100%
		White	22	3	19*	8	42.1%

*one student retained by DSC

Retention of Underserved Populations: 56.25% Black, 57.95% Hispanic, and 73.08% Unknown

Registered - Includes all students enrolled in the fall term of the specified year, with the specified program as their primary major.
Exclusions - Includes students who are deceased or graduated fall of the specified year or the following spring or summer.
Adjusted Cohort - Registered students less exclusions.
Not retained - Students who were not registered the following fall term.
Retained by DSC - Students who were still registered at DSC the following fall but with a different primary major.
Retained by Program - Students who were registered the following fall with the same primary major.

Source: IR Program Assessment Data

Retention Rates by Gender

Major	Fall	Gender	Registered	Exclusions	Adjusted Cohort	Retained by Program	
						N	%
2230 - ENVIRONMENTAL SCIENCE TECH.	FA18 to FA19	Female	17	3	14	6	42.3%
		Male	11	0	11	4	42.9%
		PrefNoAns	1	0	1	1	100%
	FA17 to FA18	Female	20	3	17*	7	41.2%
		Male	9	0	9	4	44.4%

**one student retained by DSC*

Source: IR Program Assessment Data

Placement Rates
Workforce High Demand Occupations: 12.96%
DSC Workforce High Skill/High Wage Earnings: 59.10%

Program Title	Major	2013/14 DSC%	2013/14 FCS%	2014/15 DSC%	2014/15 FCS%	2015/16 DSC%	2015/16 FCS%	2016/17 DSC%	2016/17 FCS%	2017/18 DSC%	2017/18 FCS%	Average Annual Salary
Environmental Science Tech.	2230	100%	79%	100%	68%	100%	69%	50%	70%	100%	83%	$**,***

*Currently Inactive Program
N/A - No placement data for the program
(****), ($**,***), or (***%) - Number of graduates less than 10 but greater than 0 suppressed.

Source: Florida Education Training Placement Information Program (FETPIP)

Indicates the College average above the State Averages
Indicates the College average same as the State Averages
Indicates the College average below the State Averages

Course Success Rate (1 of 3)

Major or Department, Associated Courses and Instructional Method		2016-2017		2017-2018		2018-2019		2019-2020	
		Attempted	% Successful	Attempted	% Successful	Attempted	% Successful	Attempted	% Successful
SCI- Biological & Physical Sciences	AST1002	685	86%	683	78%	652	79%	717	72%
	BOT1010C	40	90%	33	82%	30	87%	27	89%
	BOT2150	7	57%	7	71%	9	78%	4	75%
	BSC1005	1242	77%	1213	77%	1156	78%	1080	82%
	BSC1010C	674	68%	679	70%	649	73%	658	74%
	BSC1011C	144	78%	173	79%	210	93%	161	98%
	BSC1020	629	71%	516	70%	487	72%	453	73%
	BSC1085C	1514	63%	1475	66%	1460	68%	1453	69%
	BSC1086C	807	85%	926	85%	890	86%	893	87%
	BSC2905					1	100%		
	CHM1020	129	87%	103	83%	94	83%	118	89%
	CHM1025C	644	84%	497	86%	526	85%	642	81%
	CHM1045C	450	80%	468	74%	401	76%	374	74%
	CHM1046C	152	90%	179	89%	151	84%	192	86%
	CHM2210C	41	98%	39	95%	45	93%	56	79%
	CHM2211C	32	94%	25	100%	36	94%	37	97%

Indicates a success rate of 90% or higher
Indicates a success rate between 70% and 89%
Indicates a success rate below 70%

Source: IR Program Assessment Data

Course Success Rate (2 of 3)

Major or Department, Associated Courses and Instructional Method		2016-2017		2017-2018		2018-2019		2019-2020	
		Attempted	% Successful	Attempted	% Successful	Attempted	% Successful	Attempted	% Successful
SCI-Biological & Physical Sciences	EVR2001	165	68%	423	75%	462	74%	551	79%
	EVR2861							22	55%
	GLY2010C	5	100%	9	78%	9	56%	10	90%
	GLY2100							3	67%
	MCB1010C	567	88%	672	88%	649	90%	669	89%
	MCB2905					1	100%		
	MET2010	251	79%	138	84%	82	79%	89	76%
	OCB2000C	35	83%	25	92%	9	89%	12	83%
	OCE1001	172	82%	114	87%	141	86%	163	77%
	OCE2905	3	100%	1	100%	4	100%	9	78%
	PHY1020	93	75%	45	82%	37	73%	48	79%
	PHY1053C	79	84%	87	92%	89	87%	81	91%
	PHY1054C	40	98%	42	95%	42	93%	31	97%
	PHY2048C	107	93%	91	90%	132	90%	126	89%
	PHY2049C	68	97%	70	96%	66	95%	68	97%
	PSC1121	424	92%	245	88%	197	91%	164	88%
	SLS1127							33	100%

Indicates a success rate of 90% or higher
Indicates a success rate between 70% and 89%
Indicates a success rate below 70%

Source: IR Program Assessment Data

Course Success Rate (3 of 3)

Major or Department, Associated Courses and Instructional Method		2016-2017		2017-2018		2018-2019		2019-2020	
		Attempted	% Successful	Attempted	% Successful	Attempted	% Successful	Attempted	% Successful
2230 – Environmental Science Tech.	EVR2933	5	60%	3	100%	2	50%	3	100%
	EVR2943	5	60%	3	100%	2	50%	3	100%
	GIS2040C	16	75%	15	80%	7	43%	8	50%
	OCE2013C	5	100%	3	100%	2	50%	3	67%
	PCB2033C	9	100%	3	100%	3	100%	4	100%
	SOS2006							6	83%
	SWS2007					2	100%	6	83%
Upper Division	BCH3023C	15	100%	16	94%	24	100%	19	89%
	CHM3085			2	100%			3	100%
	CHM3120C	1	100%			1	100%	1	100%
	PCB3034C	2	100%	2	100%	2	100%	5	100%
	PCB3060	7	100%	5	100%			16	94%
	PCB3203	10	80%	7	100%	5	100%		
	BOT3151	3	100%	1	100%			5	100%
	OCE3014C	1	100%						
	PHY3101							7	100%
	PHY3221							1	100%

Indicates a success rate of 90% or higher
Indicates a success rate between 70% and 89%
Indicates a success rate below 70%

Source: IR Program Assessment Data

Course Success Rate by Campus – Multiple Campuses Only (1 of 3)

Dept., Associated Courses and Campus			2016-2017		2017-2018		2018-2019		2019-2020	
			Attempted	% Successful	Attempted	% Successful	Attempted	% Successful	Attempted	% Successful
Biological/ Physical Sciences	AST1002	Daytona					38	89%	40	68%
		Deland	95	93%	83	77%	78	87%	65	75%
		Deltona	37	92%	36	78%	28	75%	19	42%
		Flagler/PC	38	92%	38	76%				
	BSC1005	Daytona	331	85%	360	82%	268	78%	244	81%
		Deland	92	92%	68	79%	73	93%	77	91%
		Deltona	39	79%	36	61%	21	43%	16	50%
		Flagler/PC	118	86%	108	83%	120	84%	121	83%
		NSB	48	67%	34	59%	34	53%	34	62%
	BSC1010C	Daytona	351	58%	343	58%	302	65%	290	63%
		Deland	169	74%	173	83%	157	81%	164	81%
		Flagler/PC	91	88%	132	81%	129	81%	134	91%
		NSB	63	79%	31	81%	36	67%	41	63%
	BSC1011C	Daytona	123	77%	133	74%	181	93%	134	98%
		Deland	21	95%	40	98%	29	93%	27	100%
	BSC1020	Daytona	122	62%	51	69%	46	54%	34	71%
		Deland	50	82%	57	67%	41	80%	32	88%

Indicates a success rate of 90% or higher
Indicates a success rate between 70% and 89%
Indicates a success rate below 70%

Excludes fully online courses

Source: IR Program Assessment Data

Course Success Rate by Campus – Multiple Campuses Only (2 of 3)

Dept., Associated Courses and Campus			2016-2017		2017-2018		2018-2019		2019-2020	
			Attempted	% Successful	Attempted	% Successful	Attempted	% Successful	Attempted	% Successful
Biological/ Physical Sciences	BSC1085C	Daytona	766	52%	696	54%	619	54%	630	60%
		Deland	331	74%	312	81%	330	82%	317	79%
		Flagler/PC	142	63%	140	59%	135	51%	156	60%
		NSB			34	74%				
	BSC1086C	Daytona	277	77%	346	75%	272	82%	289	84%
		Deland	184	90%	179	94%	178	88%	189	89%
		Flagler/PC	68	75%	85	78%	82	60%	57	82%
	CHM1025C	Daytona	316	81%	197	85%	204	82%	186	78%
		Deland	108	83%	74	81%	80	69%	97	76%
		Flagler/PC	115	85%	92	83%	105	90%	123	86%
	CHM1045C	Daytona	355	73%	374	72%	281	78%	261	76%
		Deland	75	75%	75	85%	72	78%	67	73%
		Flagler/PC	20	75%	19	74%	48	56%	46	63%

Indicates a success rate of 90% or higher
Indicates a success rate between 70% and 89%
Indicates a success rate below 70%

Excludes fully online courses

Source: IR Program Assessment Data

Course Success Rate by Campus – Multiple Campuses Only (3 of 3)

Dept., Associated Courses and Campus			2016-2017		2017-2018		2018-2019		2019-2020	
			Attempted	% Successful	Attempted	% Successful	Attempted	% Successful	Attempted	% Successful
Biological/ Physical Sciences	CHM1046C	Daytona	129	79%	153	91%	130	85%	174	87%
		Deland	13	85%	19	84%	21	76%	18	83%
		Flagler/PC	10	80%	7	71%				
	MCB1010C	Daytona	198	84%	238	89%	165	86%	114	85%
		Deland	116	97%	172	92%	128	95%	175	95%
		Flagler/PC	114	91%	75	99%	88	93%	59	92%
	OCE1001	Daytona	83	80%	66	83%	92	86%	77	69%
		Deland	27	89%	17	100%				
		Flagler/PC	35	83%	21	81%				
		NSB	27	81%	10	100%	15	93%		
	PHY1053C	Daytona	66	83%	87	92%	77	84%	66	91%
		Deland	13	85%			12	100%	15	93%

Indicates a success rate of 90% or higher
Indicates a success rate between 70% and 89%
Indicates a success rate below 70%

Excludes fully online courses

Source: IR Program Assessment Data

Overall Course Success Rates by Campus

Dept., Associated Courses and Campus		2017-2018		2018-2019		2019-2020	
		Attempted	% Successful	Attempted	% Successful	Attempted	% Successful
Biological/ Physical Sciences	Daytona	3,693	74%	3,205	76%	3,244	77%
	Deltona	72	69%	49	61%	35	46%
	Deland	1,280	85%	1,199	84%	1,243	84%
	Flagler/Palm Cst	741	78%	727	74%	739	80%
	New Smyrna Bch	109	73%	85	66%	75	63%
	Online	3,200	79%	3,459	82%	3,765	81%
	Grand Total	9,095	78%	8,724	79%	9,101	80%

Indicates a success rate of 90% or higher
Indicates a success rate between 70% and 89%
Indicates a success rate below 70%

Excludes fully online courses

Source: IR Program Assessment Data

Course Success Rate By Instructional Method – Multiple Methods Only (1 of 3)

Dept., Associated Courses and Instructional Method.			2016-2017		2017-2018		2018-2019		2019-2020	
			Attempted	% Successful	Attempted	% Successful	Attempted	% Successful	Attempted	% Successful
Biological/ Physical Sciences	AST1002	Lecture	170	92%	157	77%	144	85%	124	68%
		Online	515	84%	526	78%	508	77%	593	73%
	BSC1005	Hybrid	39	85%	108	83%	162	87%	198	86%
		Lecture	589	84%	498	79%	354	75%	294	77%
		Online	614	69%	607	75%	640	77%	588	83%
	BSC1010C	Hybrid	45	93%	151	81%	165	78%	175	85%
		Lecture	629	66%	528	66%	459	71%	454	70%
		Online					25	80%	29	86%
	BSC1020	Lecture	172	68%	108	68%	87	67%	66	79%
		Online	457	72%	408	71%	400	73%	387	72%
	BSC1085C	Lecture	1168	59%	1008	62%	1013	62%	1103	66%
		Online	275	79%	293	80%	376	85%	350	81%
		Hybrid	71	63%	174	62%	71	56%		
	BSC1086C	Hybrid			85	78%	35	71%	535	86%
		Lecture	529	81%	525	82%	497	81%	358	89%
		Online	278	91%	316	92%	358	94%		

Indicates a success rate of 90% or higher
Indicates a success rate between 70% and 89%
Indicates a success rate below 70%

Source: IR Program Assessment Data

Course Success Rate By Instructional Method – Multiple Methods Only (2 of 3)

Dept., Associated Courses and Instructional Method			2016-2017		2017-2018		2018-2019		2019-2020	
			Attempted	% Successful	Attempted	% Successful	Attempted	% Successful	Attempted	% Successful
Biological/ Physical Sciences	CHM1020	Hybrid	36	97%	24	79%	20	65%	42	83%
		Online	93	83%	79	85%	74	88%	76	92%
	CHM1025C	Hybrid	171	86%	173	84%	241	82%	203	87%
		Lecture	368	80%	190	83%	148	80%	203	74%
		Online	105	90%	134	91%	137	96%	236	83%
	CHM1045C	Hybrid							29	59%
		Lecture	450	80%	468	74%	401	76%	345	75%
	CHM1046C	Hybrid							16	94%
		Lecture	152	90%	179	89%	151	84%	176	86%
	EVR2001	Lecture			134	81%	115	81%	121	79%
		Online	60	68%	289	73%	347	72%	430	79%
	MCB1010C	Hybrid	65	88%	92	97%	108	91%	96	95%
		Lecture	363	89%	364	90%	273	91%	252	90%
		Online	139	86%	216	80%	268	88%	321	87%
	MET2010	Lecture	77	69%	41	73%	10	60%	36	75%
		Online	174	84%	97	89%	72	82%	53	77%
	OCE1001	Hybrid							49	71%
		Lecture					107	87%	28	64%
		Online					34	82%	86	84%
	PHY1020	Online	55	76%	30	93%	23	83%	35	86%
		Lecture	38	74%	15	60%	14	57%	13	62%

Indicates a success rate of 90% or higher
Indicates a success rate between 70% and 89%
Indicates a success rate below 70%

Source: IR Program Assessment Data

Course Success Rate By Instructional Method – Multiple Methods Only (2 of 3)

Dept., Associated Courses and Instructional Method			2016-2017		2017-2018		2018-2019		2019-2020	
			Attempted	% Successful	Attempted	% Successful	Attempted	% Successful	Attempted	% Successful
Biological/ Physical Sciences	PHY1020	Online	55	76%	30	93%	23	83%	35	86%
		Lecture	38	74%	15	60%	14	57%	13	62%
	PHY1054C	Hybrid					18	94%		
		Lecture					24	92%	31	97%
	PHY1053C	Hybrid			38	89%				
		Lecture	79	84%	49	94%			81	91%
	PHY2048C	Lecture							110	87%
		Online							16	100%
	PSC1121	Hybrid								
		Lecture	28	89%	11	100%				
		Online	396	92%	234	87%			163	88%
DSC		Hybrid	81%		83%		81.9%		82.2%	
		Lecture	81%		83%		82.5%		80.3%	
		Online	76%		78%		79.9%		81.2%	

Indicates a success rate of 90% or higher
Indicates a success rate between 70% and 89%
Indicates a success rate below 70%

Source: IR Program Assessment Data

Overall Course Success Rate by Instructional Method

Dept., Associated Courses and Campus		2017-2018		2018-2019		2019-2020	
		Attempted	% Successful	Attempted	% Successful	Attempted	% Successful
Biological/ Physical Sciences	IS	4	100%	6	100%	28	86%
	Online	3,229	80%	3,459	82%	3,765	81%
	Lecture	4,878	76%	4,314	76%	4,465	77%
	Hybrid	984	81%	945	81%	843	85%
Grand Total		9,095	78%	8,724	79%	9,101	80%

Indicates a success rate of 90% or higher
Indicates a success rate between 70% and 89%
Indicates a success rate below 70%

Source: IR Program Assessment Data

Course Success Rates- Multiple Sessions or Sub-sessions Only (1 of 5)

Major or Dept., Associated Courses and Sub-session			2016-2017		2017-2018		2018-2019		2019-2020	
			Attempted	% Successful	Attempted	% Successful	Attempted	% Successful	Attempted	% Successful
Biological/ Physical Sciences	AST1002	FA A term	73	79%	70	86%	74	76%	74	82%
		FA B term	68	85%	67	81%	75	67%	83	59%
		FA Full term	167	88%	156	76%	150	80%	150	77%
		SP A term	71	97%	69	78%	75	84%	75	75%
		SP B term	138	78%	142	68%	142	78%	139	70%
		SP Full term	75	93%	75	76%	68	85%	52	62%
		SU Full term	93	84%	104	88%	68	81%	144	73%
	BOT1010C	FA Full term	19	79%	13	69%	18	94%	18	94%
		SP Full term	21	100%	20	90%	12	75%	9	78%
	BSC1005	FA A term	74	62%	68	71%	94	80%	38	92%
		FA B term	65	68%	71	66%	75	69%	110	82%
		FA Full term	430	81%	415	78%	372	78%	331	80%
		SP A term	70	70%	67	78%	135	85%	79	81%
		SP B term	73	56%	69	71%	38	87%	70	80%
		SP Full term	389	81%	375	81%	296	77%	313	81%
		SU Full term	141	78%	148	76%	146	73%	139	88%
	BSC1010C	FA Full term	352	69%	392	70%	362	72%	347	71%
		SP Full term	290	64%	256	66%	253	72%	274	77%
		SU Full term	32	94%	31	94%	34	85%	37	89%
	BSC1011C	FA Full term	35	74%	39	67%	47	79%	40	95%
		SP Full term	79	77%	107	79%	115	97%	86	99%
		SU Full term	30	87%	27	96%	48	100%	35	100%

Indicates a success rate of 90% or higher
Indicates a success rate between 70% and 89%
Indicates a success rate below 70%

Years are reporting years, SU-SP.
Blank cells or missing years indicate no enrollment.

Source: IR Program Assessment Data

Course Success Rates- Multiple Sessions or Sub-sessions Only (2 of 5)

Dept., Associated Courses and Sub-session				2016-2017		2017-2018		2018-2019		2019-2020	
				Attempted	% Successful	Attempted	% Successful	Attempted	% Successful	Attempted	% Successful
Biological/ Physical Sciences	BSC1020	FA	A term	23	61%	34	74%	36	86%	40	70%
			B term	43	60%	57	63%	49	47%	61	74%
			Full term	188	69%	155	70%	139	68%	119	66%
		SP	A term	44	73%	37	81%	38	79%	38	76%
			B term	40	65%	37	57%	34	76%	35	83%
			Full term	165	67%	92	61%	93	73%	89	74%
		SU	Full term	126	85%	104	83%	98	81%	71	79%
	BSC1085C	FA	A term	68	91%	73	92%	47	96%	36	72%
			Full term	666	54%	676	67%	694	61%	709	64%
		SP	A term	37	76%	54	81%	75	96%	76	88%
			Full term	577	63%	514	56%	464	64%	480	71%
		SU	Full term	166	81%	158	73%	180	84%	152	80%
	BSC1086C	FA	B term	63	95%	76	93%	61	92%	48	81%
			Full term	204	78%	200	80%	222	80%	160	80%
		SP	B term	47	89%	52	94%	359	82%	54	85%
			Full term	326	86%	428	82%	418	85%	432	89%
		SU	Full term	167	84%	170	91%	189	93%	199	91%

Indicates a success rate of 90% or higher
Indicates a success rate between 70% and 89%
Indicates a success rate below 70%

Years are reporting years, SU-SP.
Blank cells or missing years indicate no enrollment.

Source: IR Program Assessment Data

Course Success Rates- Multiple Sessions or Sub-sessions Only (3 of 5)

Dept., Associated Courses and Sub-session				2016-2017		2017-2018		2018-2019		2019-2020	
				Attempted	% Successful	Attempted	% Successful	Attempted	% Successful	Attempted	% Successful
Biological/ Physical Sciences	CHM1020	FA	Full term	39	87%	39	92%	35	91%	39	87%
		SP	Full term	76	87%	64	78%	59	78%	79	90%
		SU	Full term	14	86%						
	CHM1025C	FA	Full term	299	83%	211	82%	238	82%	296	79%
		SP	Full term	245	82%	206	87%	218	87%	258	81%
		SU	Full term	100	91%	80	90%	70	93%	88	90%
	CHM1045C	FA	Full term	217	71%	225	75%	185	77%	159	72%
		SP	Full term	180	73%	168	69%	176	73%	150	69%
		SU	Full term	53	83%	75	84%	40	83%	65	91%
	CHM1046C	FA	Full term	29	66%	25	76%	34	82%	31	68%
		SP	Full term	73	78%	89	90%	76	83%	80	88%
		SU	Full term	50	90%	65	94%	41	88%	81	93%
	CHM2210C	FA	Full term							53	77%
		SP	Full term							3	100%
	EVR2001	FA	A term			69	78%	72	79%	83	80%
			B term			73	73%	84	65%	132	69%
			Full term	71	65%	72	82%	58	79%	72	85%
		SP	A term			68	72%	72	86%	83	78%
			B term			79	68%	119	65%	132	90%
			Full term	94	71%	62	81%	57	82%	49	71%
	MCB1010C	FA	Full term	175	85%	229	89%	220	87%	226	85%
		SP	B term							28	100%
			Full term	271	87%	304	85%	287	90%	286	89%
		SU	Full term	121	95%	139	91%	142	93%	157	95%
	MET2010	FA	Full term	109	76%	49	80%	43	77%	40	65%
		SP	Full term	80	75%	60	85%	39	82%	23	74%
		SU	Full term	62	90%	29	90%			26	96%

Indicates a success rate of 90% or higher
Indicates a success rate between 70% and 89%
Indicates a success rate below 70%

Years are reporting years, SU-SP.
Blank cells or missing years indicate no enrollment.

Source: IR Program Assessment Data

Course Success Rates- Multiple Sessions or Sub-sessions Only (4 of 5)

Dept., Associated Courses and Sub-session			2016-2017		2017-2018		2018-2019		2019-2020	
			Attempted	% Successful	Attempted	% Successful	Attempted	% Successful	Attempted	% Successful
Biological/ Physical Sciences	OCB2000C	FA Full term	21	90%	16	94%				
		SP Full term	14	71%	9	89%			12	83%
	OCE1001	A term							25	84%
		FA B term							27	81%
		Full term	74	78%	64	89%	47	87%	29	69%
		SP Full term	98	85%	50	84%	94	85%	82	76%
	OCE2905	FA Full term	2	100%					7	86%
		SP Full term	1	100%					2	50%
	PHY1020	FA Full term	55	76%	30	93%	23	83%	35	86%
		SP Full term	38	74%	15	60%	14	57%	13	62%
	PHY1053C	FA Full term	53	81%	49	94%	53	87%	49	92%
		SP Full term	26	88%	38	89%	36	86%	32	91%
	PHY1054C	SP Full term	22	100%	23	91%	24	92%		
		SU Full term	18	94%	19	100%	18	94%	31	97%
	PHY2048C	FA Full term	68	93%	51	92%	95	91%	77	90%
		SP Full term	39	95%	40	88%	37	89%	49	88%
	PHY2049C	SP Full term	49	98%	40	98%	45	93%	49	96%
		SU Full term	19	95%	30	93%	21	100%	19	100%
	PHY3001	FA Full term							6	100%
		SP Full term							1	100%

Indicates a success rate of 90% or higher
Indicates a success rate between 70% and 89%
Indicates a success rate below 70%

Years are reporting years, SU-SP.
Blank cells or missing years indicate no enrollment.

Source: IR Program Assessment Data

Course Success Rates- Multiple Sessions or Sub-sessions Only (4 of 5)

Dept., Associated Courses and Sub-session				2016-2017		2017-2018		2018-2019		2019-2020	
				Attempted	% Successful	Attempted	% Successful	Attempted	% Successful	Attempted	% Successful
Biological/ Physical Sciences	PSC1121	FA	A term	76	92%	36	89%	32	97%	54	80%
			B term	84	90%	46	89%	32	84%	1	100%
		SP	A term	74	92%	71	87%	61	90%	74	95%
			B term	81	89%	32	78%				
			Full term	28	89%	11	100%				
		SU	Full term	81	95%	49	90%	72	92%	35	86%
	SWW2007	SP	B term							1	100%
			Full term							5	80%

Indicates a success rate of 90% or higher
Indicates a success rate between 70% and 89%
Indicates a success rate below 70%

Years are reporting years, SU-SP.
Blank cells or missing years indicate no enrollment.

Source: IR Program Assessment Data

Overall Course Success Rate by Session and Sub-session

Dept., Session and Sub-session			2017-2018		2018-2019		2019-2020	
			Attempted	% Successful	Attempted	% Successful	Attempted	% Successful
Biological/ Physical Sciences	Summer	Full term	1,228	86%	1,167	87%	1,248	88%
	Fall	A term	350	82%	355	83%	350	80%
		B term	390	77%	376	70%	462	73%
		Full term	3,235	77%	3,101	75%	3,119	75%
	Spring	A term	366	80%	465	87%	425	83%
		B term	411	72%	392	78%	460	82%
		Full term	3,115	76%	2,868	79%	3,037	81%
Grand Total			9,095	78%	8,724	79%	9,101	80%

Indicates a success rate of 90% or higher
Indicates a success rate between 70% and 89%
Indicates a success rate below 70%

Source: IR Program Assessment Data

Course Success Rates by IM and Race/Ethnicity (1 of 6)

Course, IM, Race/Ethnicity	2018-2019		2019-2020	
	Enrolled	Success Rate	Enrolled	Success Rate
AST1002	652	79%	717	72%
Online	508	77%	593	73%
Am. Ind	1	0%	3	100%
Asian	7	71%	18	83%
Black	29	69%	46	63%
Hispanic	80	84%	98	71%
Native Hawaiian			1	0%
Two or More Races	12	75%	23	78%
Unknown	8	100%	13	77%
White	371	76%	391	73%
Lecture	144	85%	124	68%
Asian	2	100%	4	75%
Black	10	70%	8	75%
Hispanic	31	81%	33	55%
Two or More Races	6	67%	6	50%
White	90	90%	73	74%
BOT1010C	30	87%	27	89%
Lecture	30	87%	27	89%
Black	2	50%	2	100%
Hispanic	1	100%	2	100%
Two or More Races	1	100%	1	100%
Unknown			2	100%
White	25	88%	20	85%
BOT2150	9	78%	4	75%
Lecture	9	78%	4	75%
White	8	75%	4	75%
BSC1005	1156	78%	1080	82%
Online	640	77%	588	83%
Am. Ind	1	100%	3	33%
Asian	10	80%	6	83%
Black	79	67%	101	77%
Hispanic	116	81%	110	78%
Native Hawaiian			1	100%
Two or More Races	23	78%	30	73%
Unknown	11	100%	12	100%
White	400	77%	325	87%

Course, IM, Race/Ethnicity	2018-2019		2019-2020	
	Enrolled	Success Rate	Enrolled	Success Rate
BSC1005	1156	78%	1080	82%
Lecture	354	75%	294	77%
Am. Ind			1	0%
Asian	8	75%	9	100%
Black	48	58%	39	72%
Hispanic	64	64%	55	82%
Native Hawaiian			1	100%
Two or More Races	13	85%	17	47%
Unknown	10	90%	7	71%
White	211	80%	165	79%
Hybrid	162	87%	198	86%
Asian	3	100%	4	100%
Black	13	92%	23	78%
Hispanic	29	76%	40	83%
Native Hawaiian			1	100%
Two or More Races	7	100%	6	100%
Unknown	3	100%	3	100%
White	106	88%	121	88%
BSC1010C	649	73%	658	74%
Online	25	80%	29	86%
Asian	1	100%	1	0%
Black	2	100%	3	67%
Hispanic	5	80%	2	50%
Two or More Races			3	100%
White	17	76%	20	95%
Lecture	459	71%	454	70%
Am. Ind			1	100%
Asian	20	60%	11	82%
Black	52	54%	40	53%
Hispanic	77	70%	92	63%
Two or More Races	23	83%	33	52%
Unknown	1	100%	7	86%
White	286	73%	270	76%
Hybrid	165	78%	175	85%
Am. Ind	1	100%	1	100%
Asian	4	75%	9	89%
Black	12	67%	12	92%
Hispanic	23	65%	24	88%
Two or More Races	8	63%	9	100%
Unknown	4	100%	1	100%
White	112	82%	119	82%

Course Success Rates by IM and Race/Ethnicity (2 of 6)

Course, IM, Race/Ethnicity	2018-2019 Enrolled	2018-2019 Success Rate	2019-2020 Enrolled	2019-2020 Success Rate
BSC1011C	210	93%	161	98%
Lecture	210	93%	161	98%
Asian	9	89%	5	100%
Black	20	90%	17	94%
Hispanic	34	97%	27	100%
Two or More Races	9	89%	9	100%
Unknown			3	100%
White	138	93%	100	98%
BSC1020	487	72%	453	73%
Online	400	73%	387	72%
Am. Ind			2	0%
Asian	9	89%	8	88%
Black	58	47%	50	66%
Hispanic	71	77%	72	68%
Native Hawaiian			1	100%
Two or More Races	16	75%	17	59%
Unknown	4	50%	9	78%
White	242	78%	228	75%
Lecture	87	67%	66	79%
Asian			2	100%
Black	14	29%	13	62%
Hispanic	19	58%	8	75%
Two or More Races	5	80%	1	100%
Unknown	1	100%	1	0%
White	47	81%	41	85%
BSC1085C	1460	68%	1453	69%
Online	376	85%	350	81%
Asian	6	83%	5	100%
Black	56	77%	46	70%
Hispanic	61	75%	62	82%
Native Hawaiian			1	100%
Two or More Races	12	83%	12	83%
Unknown	7	86%	6	100%
White	234	90%	218	83%

Course, IM, Race/Ethnicity	2018-2019 Enrolled	2018-2019 Success Rate	2019-2020 Enrolled	2019-2020 Success Rate
Lecture	1013	62%	1103	66%
Asian	24	79%	31	74%
Black	178	44%	162	43%
Hispanic	242	68%	261	67%
Two or More Races	47	53%	54	56%
Unknown	20	50%	20	70%
White	501	66%	575	72%
BSC1086C	890	86%	893	87%
Online	358	94%	358	89%
Asian	3	100%	8	88%
Black	52	85%	39	77%
Hawaii/Pac	1	100%	1	100%
Hispanic	57	96%	63	92%
Two or More Races	15	100%	12	100%
Unknown	4	100%	7	100%
White	226	94%	228	90%
Lecture	497	81%	535	86%
Asian	20	80%	19	89%
Black	63	63%	75	79%
Hispanic	121	88%	130	85%
Two or More Races	25	72%	23	100%
Unknown	6	67%	6	83%
White	260	84%	282	87%

Indicates a success rate of 90% or higher
Indicates a success rate between 70% and 89%
Indicates a success rate below 70%

Course Success Rates by IM and Race/Ethnicity (3 of 6)

Course, IM, Race/Ethnicity	2018-2019		2019-2020	
	Enrolled	Success Rate	Enrolled	Success Rate
CHM1020	94	83%	118	89%
Online	74	88%	76	92%
Asian			3	100%
Black	8	75%	6	100%
Hispanic	10	90%	18	89%
Two or More Races	3	67%	4	100%
Unknown	1	100%	5	100%
White	52	90%	40	90%
Hybrid	20	65%	42	83%
Asian			1	100%
Black			5	80%
Hispanic	6	83%	11	82%
Unknown			2	100%
White	12	58%	23	83%
CHM1025C	526	85%	642	81%
Online	137	96%	236	83%
Asian	5	100%	5	60%
Black	10	100%	29	69%
Hispanic	18	100%	39	82%
Native Hawaiian			2	50%
Two or More Races	6	83%	9	89%
Unknown	5	100%	4	100%
White	92	96%	148	86%
Lecture	148	80%	203	74%
Am. Ind	1	100%	1	100%
Asian	4	100%	3	67%
Black	14	79%	21	57%
Hispanic	32	72%	31	65%
Two or More Races	5	100%	11	82%
Unknown	5	100%	5	60%
White	87	80%	131	79%
Hybrid	241	82%	203	87%
Am. Ind			3	67%
Asian	11	91%	6	83%
Black	28	79%	17	76%
Hispanic	45	82%	41	80%
Hawaii/Pac	1	0%	1	100%
Two or More Races	11	82%	9	89%
Unknown	2	100%	8	100%
White	143	83%	118	90%

Course, IM, Race/Ethnicity	2018-2019		2019-2020	
	Enrolled	Success Rate	Enrolled	Success Rate
CHM1045C	401	76%	374	74%
Lecture	401	76%	345	75%
Am. Ind			1	100%
Asian	14	79%	20	75%
Black	27	63%	36	75%
Hispanic	75	73%	51	73%
Two or More Races	30	57%	26	65%
Unknown	5	80%	5	40%
White	250	80%	206	78%
Hybrid			29	59%
Black			3	33%
Hispanic			3	33%
Two or More Races			2	50%
Unknown			1	100%
White			20	65%
CHM1046C	151	84%	192	86%
Lecture	151	84%	176	86%
Asian	8	75%	10	60%
Black	8	63%	14	93%
Hispanic	24	79%	33	88%
Two or More Races	7	86%	10	70%
Unknown	3	67%	1	100%
White	101	88%	108	88%
Hybrid			16	94%
Asian			1	100%
Black			1	100%
Hispanic			1	100%
Two or More Races			1	100%
White			12	92%
CHM2210C	45	93%	53	77%
Lecture	45	93%	53	77%
Asian			3	67%
Black	8	88%	2	50%
Hispanic	11	91%	7	86%
Two or More Races	3	100%	3	100%
White	23	96%	38	76%

Course Success Rates by IM and Race/Ethnicity (4 of 6)

Course, IM, Race/Ethnicity	2018-2019		2019-2020	
	Enrolled	Success Rate	Enrolled	Success Rate
CHM2211C	36	94%	37	97%
Lecture	36	94%	37	97%
Asian			2	100%
Black	3	100%	1	100%
Hispanic	10	100%	7	100%
Two or More Races			3	67%
White	20	90%	24	100%
CHM3085			3	100%
Lecture			3	100%
Hispanic/Latino			1	100%
White			2	100%
EVR2001	462	74%	551	79%
Online	347	72%	430	79%
Am. Ind			2	50%
Black	52	50%	44	68%
Hispanic	55	76%	72	81%
Two or More Races	7	71%	21	86%
Unknown	8	50%	15	87%
White	222	77%	276	80%
Lecture	115	81%	121	79%
Asian	1	0%	1	100%
Black	11	73%	17	88%
Hispanic	16	94%	20	70%
Two or More Races	4	25%	5	100%
Unknown			4	100%
White	83	83%	74	77%
EVR2861			22	55%
Online			22	55%
Black			3	33%
Hispanic/Latino			4	100%
Unknown			1	100%
White			14	43%
GLY2010C	9	56%	10	90%
Hybrid	9	56%	10	90%
Hispanic	1	100%	1	0%
Unknown	1	100%	1	100%
White	6	50%	8	100%
GIS2040C			8	50%
Lecture			8	50%
Asian			1	100%
Hispanic/Latino			2	50%
White			5	40%

Course, IM, Race/Ethnicity	2018-2019		2019-2020	
	Enrolled	Success Rate	Enrolled	Success Rate
MCB1010C	649	90%	669	89%
Online	268	88%	321	87%
Asian	4	100%	9	78%
Black	28	71%	39	79%
Hispanic	39	92%	50	78%
Native Hawaiian			2	100%
Two or More Races	14	86%	12	75%
Unknown	2	100%	4	75%
White	181	90%	205	92%
Lecture	273	91%	252	90%
Asian	8	75%	11	100%
Black	46	87%	36	81%
Hispanic	60	92%	54	87%
Two or More Races	10	90%	10	100%
Unknown	6	100%	3	100%
White	141	92%	138	91%
Hybrid	108	91%	96	95%
Asian	6	100%	3	100%
Black	17	94%	12	83%
Hispanic	17	94%	27	96%
Two or More Races	6	100%	4	100%
Unknown	2	100%	2	100%
White	60	87%	48	96%
MET2010	82	79%	89	76%
Online	72	82%	53	77%
Asian	2	100%	1	100%
Black	7	86%	4	75%
Hispanic	6	83%	9	67%
Two or More Races	3	67%	1	100%
Unknown	1	100%	2	50%
White	52	81%	36	81%
Lecture	10	60%	36	75%
Asian	2	50%	3	67%
Black			3	67%
Hispanic	1	0%	7	86%
Two or More Races			1	0%
Unknown			3	67%
White	7	71%	19	79%

Course Success Rates by IM and Race/Ethnicity (5 of 6)

Course, IM, Race/Ethnicity	2018-2019 Enrolled	2018-2019 Success Rate	2019-2020 Enrolled	2019-2020 Success Rate
OCB2000C			12	83%
Lecture			12	83%
Hispanic			3	100%
White			9	78%
OCE1001	141	86%	163	77%
Online	34	82%	86	84%
Asian			1	100%
Black	2	50%	6	67%
Hispanic	6	100%	10	70%
Two or More Races	1	0%	9	78%
Unknown			2	100%
White	25	84%	58	88%
Lecture			28	64%
Asian			1	100%
Black			3	33%
Hispanic/Latino			8	75%
White			16	63%
Hybrid	107	87%	49	71%
Asian			1	100%
Black	3	100%	1	0%
Hispanic	12	50%	6	50%
Two or More Races	7	86%	2	100%
Unknown	2	100%	2	100%
White	81	93%	37	73%
PHY1020	37	73%	48	79%
Online	23	83%	35	86%
Black	1	100%	1	0%
Hispanic	1	100%	4	100%
Two or More Races	2	50%	1	0%
Unknown			1	100%
White	19	84%	28	89%
Lecture	14	57%	13	62%
Black	1	100%	1	100%
Hispanic	2	0%	2	50%
Two or More Races			1	0%
White	9	56%	9	67%

Course, IM, Race/Ethnicity	2018-2019 Enrolled	2018-2019 Success Rate	2019-2020 Enrolled	2019-2020 Success Rate
PHY1053C	89	87%	81	91%
Lecture	89	87%	81	91%
Asian	4	50%	7	86%
Black	7	57%	4	100%
Hispanic	23	91%	12	83%
Two or More Races	5	100%	3	100%
White	50	90%	55	93%
PHY1054C	42	93%	31	97%
Lecture	24	92%	31	97%
Asian	1	100%	1	100%
Black	2	50%	1	0%
Hispanic	2	100%	7	100%
Two or More Races	2	50%	1	100%
White	17	100%	21	100%
PHY2048C	132	90%	126	89%
Online			16	100%
Asian			1	100%
Black			2	100%
Hispanic/Latino			3	100%
Two or More Races			1	100%
White			9	100%
Lecture	132	90%	110	87%
Am. Ind			1	100%
Asian	4	100%	10	100%
Black	9	78%	6	67%
Hispanic/Latino	36	83%	17	71%
Two or More Races	7	71%	3	100%
Unknown	1	100%	2	100%
White	75	96%	71	90%
SLS1127			33	100%
Lecture			33	100%
Black			1	100%
Hispanic/Latino			5	100%
Two or More Races			1	100%
Unknown			2	100%
White			24	100%

Source: IR Program Assessment Data

Course Success Rates by IM and Race/Ethnicity (6 of 6)

Course, IM, Race/Ethnicity	2018-2019 Enrolled	2018-2019 Success Rate	2019-2020 Enrolled	2019-2020 Success Rate
PHY2049C	66	95%	68	97%
Lecture	66	95%	68	97%
Am. Ind			1	100%
Asian	4	100%	4	100%
Black	3	100%	5	100%
Hispanic	15	93%	9	100%
Two or More Races	2	100%	3	100%
Unknown	1	100%	2	100%
White	41	95%	44	95%
PSC1121	197	91%	163	88%
Online	197	91%	163	88%
Asian	6	83%	3	100%
Black	37	97%	25	64%
Hispanic	26	88%	27	100%
Two or More Races	13	85%	7	86%
Unknown	2	100%	5	80%
White	113	90%	96	91%
BCH3023C	24	100%	19	89%
Hybrid	24	100%	19	89%
Asian	2	100%	1	100%
Black	2	100%	1	100%
Hispanic/Latino	8	100%	2	100%
Two or More Races	1	100%	1	100%
White	11	100%	14	86%

Course, IM, Race/Ethnicity	2018-2019 Enrolled	2018-2019 Success Rate	2019-2020 Enrolled	2019-2020 Success Rate
PCB3203	5	100%		
Lecture	5	100%		
Asian	1	100%		
Hispanic/Latino	1	100%		
Two or More Races	1	100%		
White	2	100%		
SOS2006			6	83%
Hybrid			6	83%
Black			1	100%
Hispanic/Latino			1	0%
White			4	100%
SWS2007			6	83%
IS			1	100%
White			1	100%
Lecture			5	80%
Hispanic/Latino			3	67%
White			2	100%

Indicates a success rate of 90% or higher
Indicates a success rate between 70% and 89%
Indicates a success rate below 70%

Source: IR Program Assessment Data

Overall Success Rates by Race/Ethnicity

Department/Program/Area	2018-2019		2019-2020	
	Enrolled	Success Rate	Enrolled	Success Rate
American Indian/Alas	10	60%	20	65%
Asian	224	82%	254	85%
Black	1038	65%	1033	69%
Hispanic/Latino	1607	79%	1703	77%
Native Hawaiian/Paci	11	64%	12	83%
Two or More Races	383	76%	425	75%
Unknown	132	83%	185	84%
White	5319	82%	5469	82%
Grand Total	8784	79%	9101	80%

Indicates a success rate of 90% or higher
Indicates a success rate between 70% and 89%
Indicates a success rate below 70%

Source: IR Program Assessment Data

Course Success Rates for Guaranteed Sections

Course	2018-2019		18-19 Overall	2019-2020		19-20 Overall
	Attempted	% Successful		Attempted	% Successful	
AST1002	68	85%	79%	52	62%	72%
BSC1005	91	71%	78%	13	77%	82%
BSC1020	67	64%	72%			
CHM1020	20	65%	83%	42	83%	89%
OCE1001	15	93%	86%			
PHY1020	14	57%	73%	13	62%	79%
Total	275	73%		120	71%	

Indicates a success rate of 90% or higher
Indicates a success rate between 70% and 89%
Indicates a success rate below 70%

Source: IR Program Assessment Data

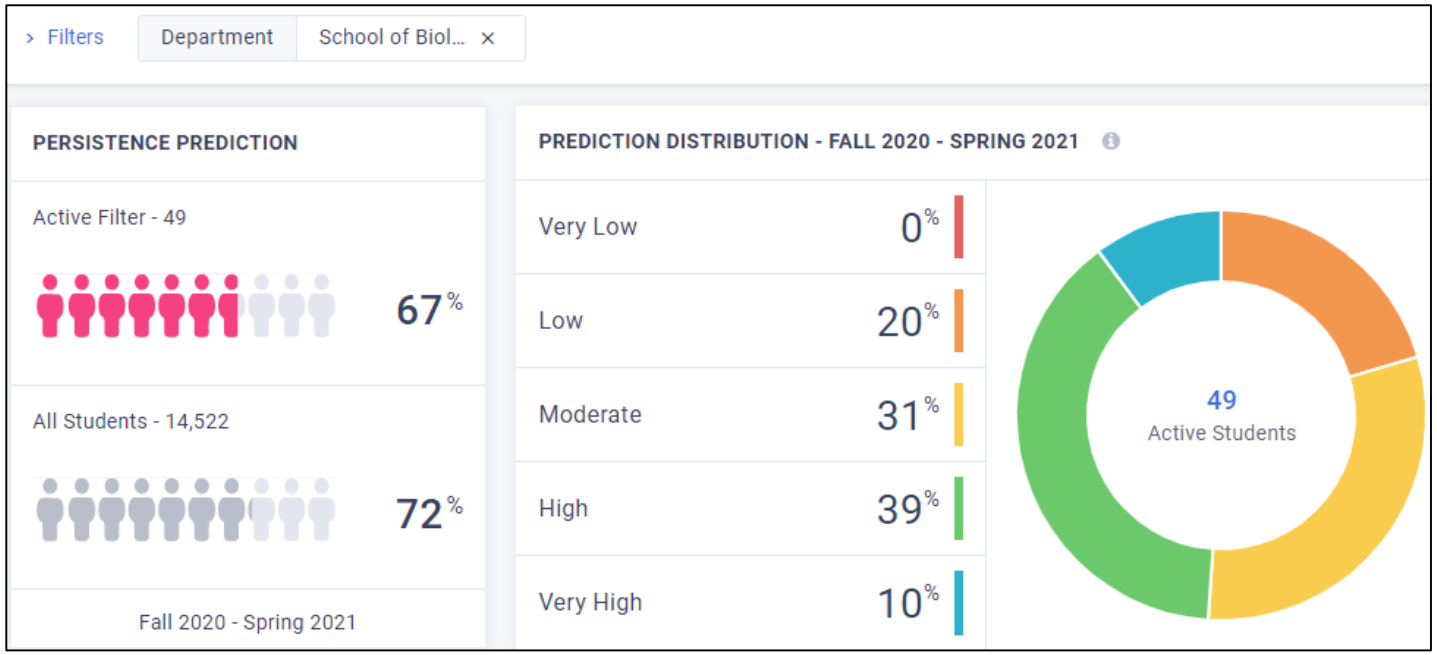
Course Success Rates for Dual Enrolled Students

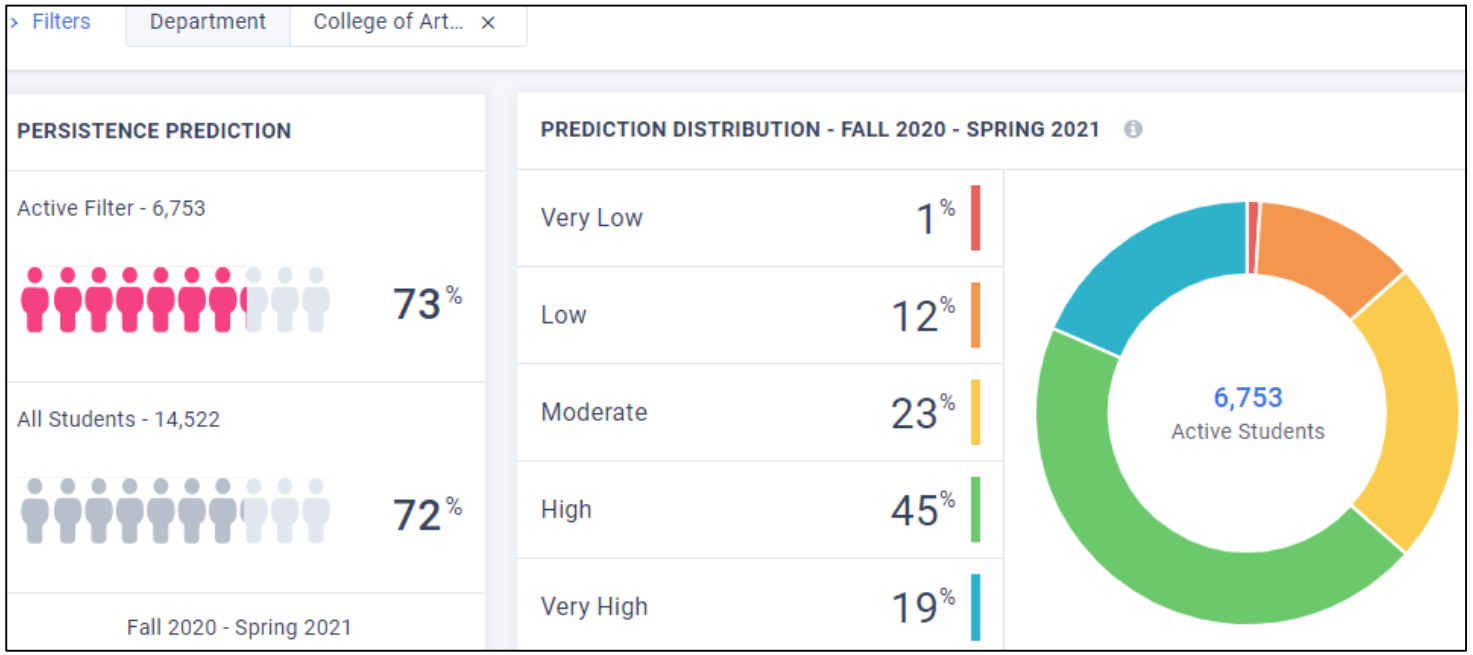
Course	2018-2019 Attempted	2018-2019 % Successful	18-19 Overall	2019-2020 Attempted	2019-2020 % Successful	19-20 Overall
AST1002	95	92%	79%	137	86%	72%
BOT1010C	5	100%	87%	2	100%	89%
BOT2150	1	100%	78%	190	95%	75%
BSC1005	126	90%	78%			
BSC1010C	134	90%	73%	191	92%	74%
BSC1011C	23	100%	93%	35	100%	98%
BSC1020	44	89%	72%	69	87%	73%
BSC1085C	80	90%	68%	143	90%	69%
BSC1086C	32	97%	86%	71	97%	87%
CHM1020	14	93%	83%	35	97%	89%
CHM1025C	76	97%	85%	121	90%	81%
CHM1045C	43	81%	76%	87	83%	74%
CHM1046C	6	100%	84%	27	100%	86%
CHM2210C				7	100%	79%
CHM2211C				4	100%	97%
EVR2001	53	91%	74%	97	90%	79%
EVR2861				2	50%	55%
GLY2010C	2	50%	56%	1	100%	90%
GLY2100				1	100%	67%
MCB1010C	13	100%	90%	36	100%	89%
MET2010	10	90%	79%	11	100%	76%
OCB2000C				1	100%	83%
OCE1001	12	92%	86%	26	92%	77%
PHY1020	2	50%	73%	5	100%	79%
PHY1053C	3	100%	87%	11	100%	91%
PHY1054C				3	100%	97%
PHY2048C	11	100%	90%	18	94%	89%
PHY2049C	4	100%	95%	5	100%	97%
PHY3101				2	100%	100%
PSC1121	14	100%	91%	27	93%	88%
SLS1127				1	100%	100%
SWS2007				1	100%	83%
Total	803	92%		1250	92%	

Indicates a success rate of 90% or higher
Indicates a success rate between 70% and 89%
Indicates a success rate below 70%

Source: IR Program Assessment Data

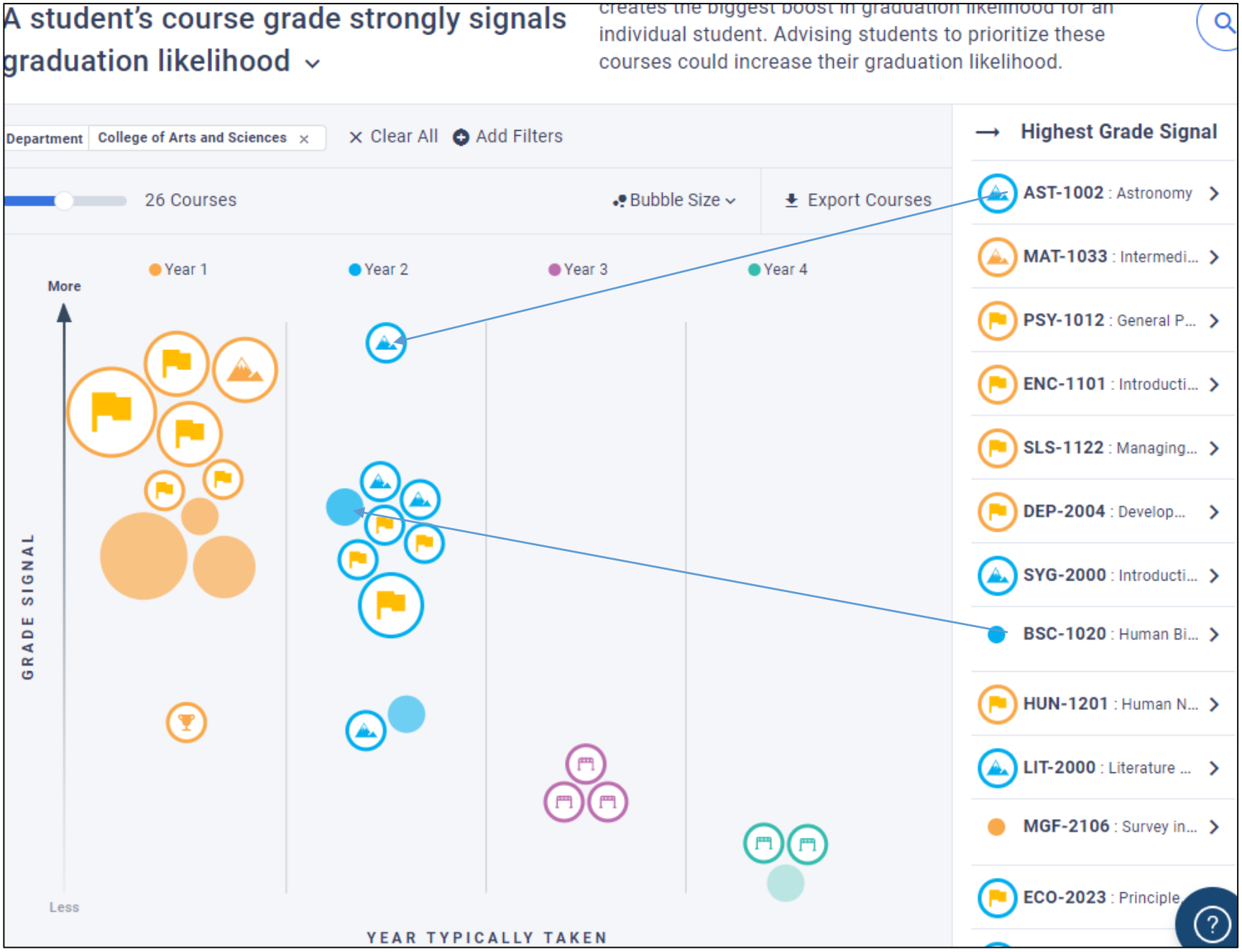
Civitas





Captured on 10/2/2020

Civitas



Captured on 10/2/2020

DAYTONA STATE COLLEGE

2020-2021
Academic Affairs
Assessment Day – Program Guides

A Review of Program Guide and Course Catalog Information

Program Guides - Overview

- Given Assessment Day results, are there any changes needed to or desired for the Program Guide?
- Please Review:
  - Program Information
  - General Education Course Selections (if applicable)
  - Program Course Catalog Information
  - Program of Study

Program Guides – Information Review

- Mission statement
  - Does it accurately state the purpose and goals of the program?
- Description
  - Does it clearly portray the nature of the program and any unique characteristics (i.e. embedded certificates, industry certifications, program accreditations, etc.)?

Program Guides – General Ed. Review

- General Education Courses *(if applicable)*
  - Are the selection of courses aligned with the academic knowledge students need to be successful in the related field(s)/occupations?
    - Must be a minimum of 15 credit hours for A.S. programs *(F.A.C. 6A-10.024)*
    - Must include ENC1101 and a Math Core course
  - Do the selection of courses allow for seamless transition to the Baccalaureate level (if applicable)?

Program Guides – Course Reqs. Review

- Program Specific Course Requirements
  - Are the courses relevant to the academic and technical skills required in the related field(s)/occupation(s)?
  - Are there any required courses offered by another department? If so, consult with that department on upcoming changes (if any).
  - Are there any courses that have not been offered in over 5 years?

Program Guides – Course Info. Review

- Program Specific Course Catalog Information
  - Is the course description accurate?
  - Are the course prefix, number and/or title relevant?
  - Are the term offerings up-to-date?
  - Are the prerequisite and corequisite course assignments appropriate to what students need to know to be successful in the requisite *(required)* course?

Program Guide – Program of Study Review

- Program of Study
  - Is the sequence of courses structured from foundational to advanced content, as appropriate?
  - Does the sequence align with course, term offerings?
  - Does the sequence align with course, prerequisite/co-requisite assignments?
  - Are there any special notes/information missing, incorrect or desired?