	2022 Academic Program Assessment Report		Program current assessment plan here:	https://www.csupueblo.edu/asse	ssment-and-student-learning/_doc/	2019/report/cis-assessment-	olan-2019.pdf	
POEBLO	Computer Information Systems		Program prior assessment report here:	https://www.csupueblo.edu/asses	ssment-and-student-learning/_doc/	2021/2021-assessment-repo	rts/cis-2021-assessment-report.pdf	
eport Completed By:	Kuang-Yuan Huang							
ate Report Completed:	6/6/2022							
aculty members involved in this ssessment:	Dr. Joey Cho, Dr. Kuang-Yuan H Roberto Mejias	uang, Dr. Rick Huff, Dr.						
lease describe this year's assessment a ertificate, and graduate program in yo he reports will be available to the Dea	ur department.) Please also su	bmit any addenda such as ru	brics which are not available	in your assessment plan.				
irief Statement of Program Mission nd Goals:	Goals for Computer Informatio At the conclusion of the CIS pro 1. Analyze, design, impleme 1a. Analyze problems and de: 1b. Implement and maintain 2. Communicate clearly and 2a. Use and Produce high quu 2b. Effectively use oral comm 3. Work effectively as a teat 3a. Participate effectively in p	h professionalism, and engage ents from a broad spectrum, in rst generation students. The co siness professionals. we and implement best practice imment and non-profit organizat grized in the community for outlical behavior. We seek to inspin in students, alumni, employers, ge. We build student skills through members. In the students and community contributional knowledge and practice. Gravici infrastructure, while many many many many many many many many	with and positively impact our scluding many from lower socio- are of our mission is effecting potential section of the same in our students. Community members and other upshactive learning, experiential ions through a variety of service duates of the Hasan School of Bhake contributions in other cities the ability to: In system. Institute of the problems with the problems It is to the problems It is	stakeholders." economic strata, under- sistive change in our students nnovation at our university elves to high performance r stakeholders to work education, and collaborations e activities. Our research has usiness are a critical				
	4a. Identify ethical issues and	recommend appropriate solut	ions					
Assessment of Student Learning C esults, and recommendations for ir mprovements planned for the year	nproved student learning. U	se Column H to describe						
A. Your program SLOs are pasted tere verbatim from your ssessment plan. Please enter info n columns B-H only for those ssessed during this annual cycle.	B. When was this SLO last reported on prior to this cycle? (semester and year)	C. What method was used for assessing the SLO? Please include a copy of any rubrics used in the assessment process.	D. Who was assessed? Please fully describe the student group(s) and the number of students or artifacts involved (N).	E. What is the expected proficiency level and how many or what proportion of students should be at that level?	F. What were the results of the assessment? (Include the proportion of students meeting proficiency.)	G. What were the department's conclusions about student performance?	H. What changes/improvements to the program are planned based on this assessment?	

Analyze, design, implement, and maintain an information system.								
	2014: CIS432 Senior Professional Project	Direct measure: Students were given a programming assignment to solve a problem using shell script	22 students from CIS315 Linux Fundamentals	We expect that at least 80% of the students either meet or exceed expectation (Need improvement, meet expectation, and exceed expectation, are the three achievement levels from low to high).	met either "exceeds expectations" or "meets expectations."	77.3% of the students met or exceeded expectations. While it is lower than the expected result of 80%, the result is still at an acceptable level. Continued monitoring of student analysis and design skills is needed.	Work with the CIS315 course instructor to continue to monitor student information systems analysis, design, implementation, and maintenance skills. Discuss with the CIS315 instructor for the possibility of introducing additional training materials and activities to increase student information systems analysis, design, implementation, and maintenance skills.	
·	Spring 2019: CIS271 Advanced Program Design with Java	Direct measure: Students were given a programming assignment to solve a problem using shell script	22 students from CIS315 Linux Fundamentals	We expect that at least 80% of the students either meet or exceed expectation (Need improvement, meet expectation, and exceed expectation, are the three achievement levels from low to high).	met either "exceeds expectations" or "meets expectations."	77.3% of the students met or exceeded expectations. While it is lower than the expected result of 80%, the result is still at an acceptable level. Continued monitoring of student system implementation and maintenance skills is needed.	Work with the CIS315 course instructor to continue to monitor student information systems analysis, design, implementation, and maintenance skills. Discuss with the CIS315 instructor for the possibility of introducing additional training materials and activities to increase student information systems analysis, design, implementation, and maintenance skills.	
Communicate clearly in writing and speaking.								
	Spring 2020: CIS432 Senior Professional Project	Direct measure: Students were given an assignment to write a thorough reflection report regarding the progress and their contributions to the senior project.	23 students from CIS432 Senior Professional Project	We expect that at least 80% of the students either meet or exceed expectation (Need improvement, meet expectation, and exceed expectation, are the three achievement levels from low to high).	either "exceeds expectations" or "meets expectations."	100% of students evaluated met either "exceeds expectations" or "meets expectations." This is much higher than the result of the previous assessment in 2020 (69.6% of the students met or exceeded expectations.)	No additional action is needed at this time.	
(CIS432 Senior Professional Project)	Spring 2020: CIS432 Senior Professional Project		24 students from CIS432 Senior Professional Project	We expect that at least 80% of the students either meet or exceed expectation (Need improvement, meet expectation, and exceed expectation, are the three achievement levels from low to high).	either "exceeds expectations" or "meets expectations."	75% of the students met or exceeded expectations. While it is lower than the expected result of 80%, the result is still at an acceptable level. Continued monitoring of student oral communication skills is needed.	Review the CIS curriculum map and identify courses that involve the training and assessment of written communication skills. In theses courses continue to moniter the student demonstration of these skills.	
3. Work effectively as a team member for a common purpose.								
4. Identify ethical issues and provide alternatives or solutions.								

In. SL	Summary and comments: n AY 2021-2022, we assessed SLC					
Comments on part I: Sci. Th 1. 2. 3. 4.	SLO2a: 100% of students eval. SLO2b: 75% of students eval. SLO 1a: Continued monitoring. SLO 1b: Continued monitoring. SLO 2a: 100% of the studen					
during the year cycle. These are those t	II. Closing the Loop. Describe at least one data-informed change to your curriculum during the year cycle. These are those that were based on, or implemented to address, the results of assessment from previous cycles.					
A Miles CLOUD and the city of the		C 14/h-1 1h-	B. II	E Miles		
you address in this cycle? Please include SLOs verbatim from the assessment plan, as above.	assessed to generate the data which informed the change? Please indicate the	C. What were the recommendations for change from the previous assessment column H and/or feedback?	D. How were the recommendations for change acted upon?	E. What were the results of the changes? If the changes were not effective, what are the next steps or the new recommendations?		
Comments on next III						
Comments on part II:						
APPENDICES						