

GENERAL EDUCATION ASSESSMENT

Completed February 2nd, 2024

CSCI 101 – Introduction to Computer Applications

Measurement Tools	Findings (Actual Results)	Analysis of the Results	Recommended Actions	Results of Last Year's Recommendation	Composite Average
1	3	2	2	0	1.6

Strengths: Good Hard Data on all modules. Analysis of data does mention what skills students struggled with. Some recommendations are very strong.

Opportunities: Does not include Analysis of Data from **ALL** Instructors. Does not include any comments - information on previous year's recommendations. Did they the recommendations actually get implemented? Did the recommendations make a positive difference? No INDIRECT Measurement(s). Plan included what skills students struggled with but has NO recommendations on how to improve these student outcomes. Committee members stated that faculty should look at linking the analysis to the recommendations to improve teaching and learning. Committee members suggested/recommended to ask students how they feel on Cengage (Indirect Measurement). Is any cultural content included thru out the semester?

General Education Science

Measurement Tools	Findings (Actual Results)	Analysis of the Results	Recommended Actions	Results of Last Year's Recommendation	Composite Average
1	2	1.5	3	0	1.5

Strengths: Committee members like actions and recommendations.

Opportunities: All science faculty teaching General Education Science courses need to submit data. Recommendations to improve teaching and learning should be related to concepts/knowledge that students had difficulty mastering. Suggested that faculty should collect the data prior to final exams. Have it as an assignment that students will also earn points to be included in the final grade. The Assessment committee would like to see data aggregated from Spring, Summer (if taught) and Fall courses. Assessment committee would also like to see Indirect Measurement included as a tool. A suggested possible Indirect measurement would be to ask Online Science students how comfortable they are doing online coursework. Committee members also thought that some of the data is misleading. Analysis statements should state if something is a strength or weakness of the student's mastery related to course outcomes.

English/Communication

Measurement Tools	Findings (Actual Results)	Analysis of the Results	Recommended Actions	Results of Last Year's Recommendation	Composite Average
3	3	3	3	2.5	2.9

Strengths: Assessment Committee commented that the Program Assessment report is very easy to understand. The Committee also stated that they liked to see the historical data. Program report also makes note of subjective information from the student comments.

Weaknesses: None identified.

Mathematics (Math 102 & 103):

Measurement Tools	Findings (Actual Results)	Analysis of the Results	Recommended Actions	Results of Last Year's Recommendation	Composite Average
3	3	3	3	2	2.8

Strengths: Committee members thought the explanation of Analysis is thorough. Committee commented on faculty helping/instructing students individually.

Weaknesses: Committee suggested to include data from Math 099 and Math 101. Committee also would like to have a summary of previous years like the English/Communication have been doing.

Native American Studies (NAS 101 Lakota/Dakota Language):

Measurement Tools	Findings (Actual Results)	Analysis of the Results	Recommended Actions	Results of Last Year's Recommendation	Composite Average
3	3	3	2.5	2	2.7

Strengths: The Assessment Committee commented on how much progress faculty have achieved by seeing the evolution and positive changes to improve the Program Assessment Plan. Committee also commented on how the development of a checklist really makes it easy to identify strengths and weaknesses in students learning. Collection of data for both oral language and written also helps identify possible strengths and weaknesses and which to keep the practice for areas of strength and also identifying skills/concepts that can be improved. Faculty completing the report did an excellent job on identifying the FINDINGS (# of students, average score, high and low).

Weaknesses: Program data for NAS 101 should begin to include historical data which would reflect gains in student's mastery of course objectives due to reflection on students strengths and weaknesses which is the purpose of Program Assessment and the importance to doing this annually.

Completed May 6th & 7th, 2024

Education AS/BS Early Childhood, BS Elementary Education, MS in Curriculum and Instruction:

Measurement Tools	Findings (Actual Results)	Analysis of the Results	Recommended Actions	Results of Last Year's Recommendation	Composite Average
2	3	3	2	1	2.2

Strengths: Assessment committee commented that the Program Summary was excellent. Implementation of E-Portfolio gives students some self-reflection on growth related to program outcomes. Data shows that this academic year had more AS and BS graduates than the past couple years.

Weaknesses: Assessment Committee suggested that the Education Dept. combine all Education degrees into one End of Year Report (Dept. is to bring revised plan to Assessment in the Fall 2024). Education faculty commented that they will be collecting data mid-term and not wait until the end of the semester. Assessment committee would like to see Associate degree and Bachelor degrees to be analyzed separately. Faculty commented that the Dept. will be including the results of State of North Dakota Dept. of Ed. new metrics. Faculty also commented that students will be taking the Praxis I on campus and not have to travel to Bismarck and take the exam in a setting that they are not familiar/comfortable with. Faculty need to include data from the Outcome related to Global Diversity (this was not done this past academic year). Assessment committee would like to see additional tools and not base a majority of the Assessment data on the E-Portfolio.

** Note: Assessment committee needs to schedule more time for faculty to present the End Of Year report. ** Note: the MS in Curriculum and instruction did not report data on some Outcomes as the curriculum did NOT provide instruction on some Outcomes due to course schedule for the co-hort.

Information Technology – Associate of Science

** Program Assessment report was not completed for the 2023-2024 Academic Year.

Criminal Justice – Associate of Science:

Measurement Tools	Findings (Actual Results)	Analysis of the Results	Recommended Actions	Results of Last Year's Recommendation	Composite Average
1	2	1	1		1.25

** Note – No score is due to new faculty not expected to implement previous year's recommendations – there were no recommendations the previous year.

Strengths: The Dept. does bi-weekly ratings on the Likert Scale.

Weaknesses: Internship data needs to be collected and reported. Faculty should not base all assessment on pre and post test data. Assessment Committee would like to see the analysis that indicates outcomes students do well on and what outcomes the need improvement. Program Assessment should include more measurement tools that validate what students apply from what they are learning. Program plan should also include some Indirect Measurements. Department faculty should rely on each other to make changes to Program Assessment Plan.

Criminal Justice – Bachelors of Science:

Measurement Tools	Findings (Actual Results)	Analysis of the Results	Recommended Actions	Results of Last Year's Recommendation	Composite Average
1	2	1	2	1	1.4

Strengths: The Dept. does bi-weekly ratings on the Likert Scale.

Weaknesses: Internship data needs to be collected and reported. Faculty should not base all assessment on pre and post test data. Assessment Committee would like to see the analysis that indicates outcomes students do well on and what outcomes the need improvement. Program Assessment should include more measurement tools that validate what students apply from what they are learning. Program plan should also include some Indirect Measurements. Department faculty should rely on each other to make changes to Program Assessment Plan. Program Summaries need to changes.

Human Services – Associate of Science:

Measurement Tools	Findings (Actual Results)	Analysis of the Results	Recommended Actions	Results of Last Year's Recommendation	Composite Average
2	3	2	2	1	2.0

Strengths: Faculty has identified weaknesses of student's performance and the efforts to improve student learning, however faculty not reported these actions in the End of Year Report.

Weaknesses: Report and changes implemented within the Analysis to relates to students weaknesses related to program outcomes and the recommendations to address these weaknesses. Report more Indirect Measurement results. The Assessment Committee commented that the Analysis is very limited – should identify student strengths and weaknesses.

Environmental Science – Master of Science:

No Report due to no students enrolled for the 2023-2024 Academic Year.

Environmental Science – Bachelor of Science:

Measurement Tools	Findings (Actual Results)	Analysis of the Results	Recommended Actions	Results of Last Year's Recommendation	Composite Average
1	2	2	1	1	1.4

Strengths: Department faculty all submitted expected data related to Measurement Goals.

****Note:** Faculty did inform the Assessment Committee that data related to ENS 321 needs to be corrected.

Weaknesses: Department faculty needs to bring updated Program Outcomes for both the Associate and Bachelor degrees to the Assessment committee in Fall 2024. Need to identify some Indirect Measurement Tool to be added to the plan. Recommendation do not reflect a connection to the identified student areas that need improvement. End of Year report needs to include comments related to identify if the previous year's recommendation made a positive impact.

Environmental Science – Associate of Science:

Measurement Tools	Findings (Actual Results)	Analysis of the Results	Recommended Actions	Results of Last Year's Recommendation	Composite Average
1	2	1.5			1.5

**** Note:** The last two columns do not include a rating score. Faculty are not able to compile all the data due to a number of students do NOT present they're Research projects until after the Program Assessment reporting each Spring. Committee discussed whether it may be best for the program to report in the fall (they would have the missing data to complete the report). Department faculty proposed this and needs to be further discussed. This would also allow the Assessment Committee to not feel so limited on time for each program to

report. Another note: ENS 113 data includes all students (General Education students and Environmental Science students). The Composite Average has been calculated by averaging ONLY the first three columns.

Strengths: Faculty have made changes to the Program Assessment Plan. It is much easier for the Assessment committee members to follow the report.

Weaknesses: The Assessment Committee there is further discussion needed on how to report data/results related to Outcomes for students declared in the Environmental Science degree versus the General Education students. Program Assessment plan needs to have some Indirect Measurement included. Committee members suggest that possibly have the students rate their level of confidence related to mastery of Program Outcomes. The Assessment Committee also discussed with faculty the need for tutoring (both faculty and/or students).

Business Administration – Associate of Arts:

Measurement Tools	Findings (Actual Results)	Analysis of the Results	Recommended Actions	Results of Last Year's Recommendation	Composite Average
2	2.5	1.5	1.5	1	1.7

Strengths: Within the Analysis, faculty indicate that students have a strength from the results of implementing the practice sets (but not all as some students procrastinate). Results also reflect that students did very well on the marketing plans.

Weaknesses: Analysis can be improved by identifying areas of strengths and weaknesses and then identifying recommendations that would help student's areas of weaknesses. Faculty should make sure comments related to previous year's recommendations were implemented and did the data indicate any improvement by student performance related to these outcomes based on the recommendations. No Indirect data included in report. Assessment committee suggested including some data based on student Internships. If recommendation states "to continue" then a statement as to why faculty believe that recommendation should continue. BAD 101 and BAD219 – Analysis does not indicate what areas where strengths and/or weaknesses of the student performance.

Business Administration – Bachelor of Science:

Measurement Tools	Findings (Actual Results)	Analysis of the Results	Recommended Actions	Results of Last Year's Recommendation	Composite Average
2.5	2.5	1.5	1.5	1	2.1

Strengths: It is obvious that faculty are committed to making improvements to student performance. The Program findings are very thorough. Veteran Assessment committee members have seen the improvement in the Program Assessment Plan and process.

Weaknesses: Need to Edit #4 as “New Venture” has changed its name. Analysis should indicate areas of strengths and areas of weakness. Recommendation should directly related to the areas of weakness of student performance. Faculty should also include comments related to the impact of previous year’s recommendations.

Master of Business Administration:

Measurement Tools	Findings (Actual Results)	Analysis of the Results	Recommended Actions	Results of Last Year’s Recommendation	Composite Average
2.5	3	2.0	2	1	2.1

Strengths: Measurement types are well thought out. Findings are what the committee expects (high, low, average). Recommendations are related to some of the data in the analysis.

Weaknesses: There is a lack of data related to previous year’s recommendations. Were they implemented and If not why not and if they were implemented, did they have a positive impact on student performance? Recommendations should be connected to analysis connected to areas students were not performing well.

Practical Nursing – Associate of Science & Nursing Transfer – Associate of Arts:

Measurement Tools	Findings (Actual Results)	Analysis of the Results	Recommended Actions	Results of Last Year’s Recommendation	Composite Average
3	3	3	2.5	2	2.7

Strengths: Assessment committee commented that the Program Assessment plan has many Direct and Indirect measurement tools. Findings are very thorough and Analysis or Results are correlated to each other.

Weaknesses: The Assessment committee commented that they would like to see the Analysis identify what outcomes students showed as strengths and weaknesses.

Social Work:

Note: Report is Incomplete. Most of the information that should be included in the report is not provided.

Measurement Tools	Findings (Actual Results)	Analysis of the Results	Recommended Actions	Results of Last Year’s Recommendation	Composite Average
1	1	1	1	1	1.0

Strengths: The Assessment Committee did not comment on any strengths for the Program Assessment Report.

Weaknesses: SWEAP is administered at the end of semester senior year (thus the lack of data to complete the report as expected). The Assessment committee commented that there needs

to be other types of assessment (other than the SWEAP) as a student progresses through the program. This should also include Indirect measurement. This might include students using a 5-point Likert rating themselves on the level of confidence of mastering knowledge related to Program Outcomes. ** Faculty noted that students are requesting Online courses. If this takes place, then Indirect Measurement could be related to how comfortable students are with the Online courses. Measurement tool needs to identify “Who, What, When, & How” the Outcome will be assessed. The Analysis needs to identify areas of student strengths and areas of weakness and recommendation for improvement should be directly related to the areas of weakness.

Building Trades Certificate:

Measurement Tools	Findings (Actual Results)	Analysis of the Results	Recommended Actions	Results of Last Year's Recommendation	Composite Average
2	1	2	1.5	1	1.5

Strengths: Faculty is using Kahoot to assess student's understanding of course(s) content. Different measurement tools are being utilized. Faculty has identified and is using Indirect Measurements where students self-rate on various skills.

Weaknesses: There is a need for more quantitative data so that the mean(s) can be calculated. The Outcomes on the Program Assessment Plan need to be updated as they are not the same as in the current Bulletin. All recommendations should state what is going to be done to address areas that have been identified as areas of weakness within the Analysis. The Assessment Committee recommends faculty go back to using the NCTR standards.

CDL Certificate

Measurement Tools	Findings (Actual Results)	Analysis of the Results	Recommended Actions	Results of Last Year's Recommendation	Composite Average
1	1	1	1	1	1

Strengths: ** No strengths identified, primarily due to Assessment Committee understanding it is difficult when student enrollment is very low and student attendance presents a problem.

Weaknesses: The Assessment Committee suggest to alleviate some of the challenges to maybe implement a 1 week summer boot camp.

Heavy Equipment Operator (HEO) Certificate:

No report due to no courses were taught related to HEO.

Welding Certificate:

Measurement Tools	Findings (Actual Results)	Analysis of the Results	Recommended Actions	Results of Last Year's Recommendation	Composite Average
1	1	1	1.5	2	1.3

**** Note:** Faculty did share that even though students complete the Curriculum for Sitting Bull College's Certificate, it is not the same as the Actual Welding Certificate the many employers expect.

Strengths: Faculty did provide information on how Previous Year's recommendation impacted student performance.

Weaknesses: Measurement types need to identify the "Who, What, How, & When" within the Measurement Tools. Findings, Analysis, and Recommendations need to be related. Faculty needs to include the High and Low in the Findings for the Indirect Measurement.

Electrical Certificate:

Measurement Tools	Findings (Actual Results)	Analysis of the Results	Recommended Actions	Results of Last Year's Recommendation	Composite Average
2.5	2.5	2	2	1	2.0

****Note:** Faculty commented that they have had problems when they search MYSBC, it is not accurate as it is NOT including students that are High School students Dual Enrolled. Faculty should make sure they comment on the issue with Dual Credit on the Program Assessment report.

Strengths: The Assessment committee commented on the strengths of the Measurement Tools, the Findings, Analysis of results and recommendations.

Weaknesses: Faculty should report how previous year's recommendation helped or did not help student performance out on Program Outcomes. Need to add some Indirect Measurement Tools.

General Studies – Associate of Arts:

Measurement Tools	Findings (Actual Results)	Analysis of the Results	Recommended Actions	Results of Last Year's Recommendation	Composite Average
2.5	3	3	3	3	2.9

Strengths: The Assessment Committee commented on how comments related to Previous Year's Recommendations had been implemented and the results of doing so.

Weaknesses: The Assessment Committee did not state any areas of weakness for the Program Assessment Plan.

General Studies – Bachelors of Science:

Measurement Tools	Findings (Actual Results)	Analysis of the Results	Recommended Actions	Results of Last Year's Recommendation	Composite Average
3	3	2.5	3	3	2.9

Strengths: The Assessment Committee stated that the General Studies Program Assessment Plan is very well developed and completed. Faculty is to be commended!

Weaknesses: None state by the Assessment Committee members. Committee members suggested to correct typographical error denoting 1b as Writing and not Reading. Also to make correction that 2a "Student will score 3.5 or higher vs. 5".

Native American Studies – Asso. & Bachelor of Arts:

Measurement Tools	Findings (Actual Results)	Analysis of the Results	Recommended Actions	Results of Last Year's Recommendation	Composite Average
3	3	2	2	3	2.6

**** Note:** The committee suggested that 1 report combining the Associate and Bachelor degree data.

Strengths: The Assessment Committee commented how over the past years the improvement of the Program Assessment Plans in the Native American Studies Program.

Weaknesses: The Assessment Committee noted that faculty should remove the 200 level courses in the Assessment Plan (as it appears it is course assessment rather than program assessment). The wording for Outcome #1 for the Associate and Bachelor programs need to be reworded to indicate a higher degree of learning/expectation for the Bachelor degree. Within the Analysis, the course numbers need to be updated within the plan.

Cybersecurity and Data Privacy Certificate:

Measurement Tools	Findings (Actual Results)	Analysis of the Results	Recommended Actions	Results of Last Year's Recommendation	Composite Average
1	1	0	1	1	0.8

Strengths: The Assessment Committee did not commented on any strengths to the Assessment Plan, Findings, Analysis, Recommendations or Last Year's Recommendations.

Weaknesses: There is a need to revisit the Measurement Tools including Indirect Measurement, the Findings were very limited, the Analysis did not indicate student strengths or weaknesses, the Recommendations did not correlate to the Findings, and comments related to Previous Year's expectations were minimal. On the plan Outcomes 1, 2, 3, etc. Should be numbered. Related to the HackerPRO Exam, the Expectation should state 1360 out of ????. Does not indicate the high score. Within the Internship it states that a student will take an exit

exam and complete with a pass but not state what is needed for a passing score. The Assessment Plan needs to indicate the Expectation is a Pass/Fail or 3 or higher, etc. The Tools and Expectations need to match. Need to include Indirect Measurement. Suggested to have students rate their confidence related to program outcomes during and after their Internship.

**** Note: The Assessment Committee discussed the possibility to create a 2-year cycle for programs to present, but still need to collect data annually. This would alleviate some of the pressure for faculty and the ASSESSMENT committee feeling the pressure to complete all reporting in the two days that have been identified annually for faculty to report out. In the Fall of 2024 the Assessment committee needs to revisit this as well as considering the Environmental Science Program to report in the Fall.**

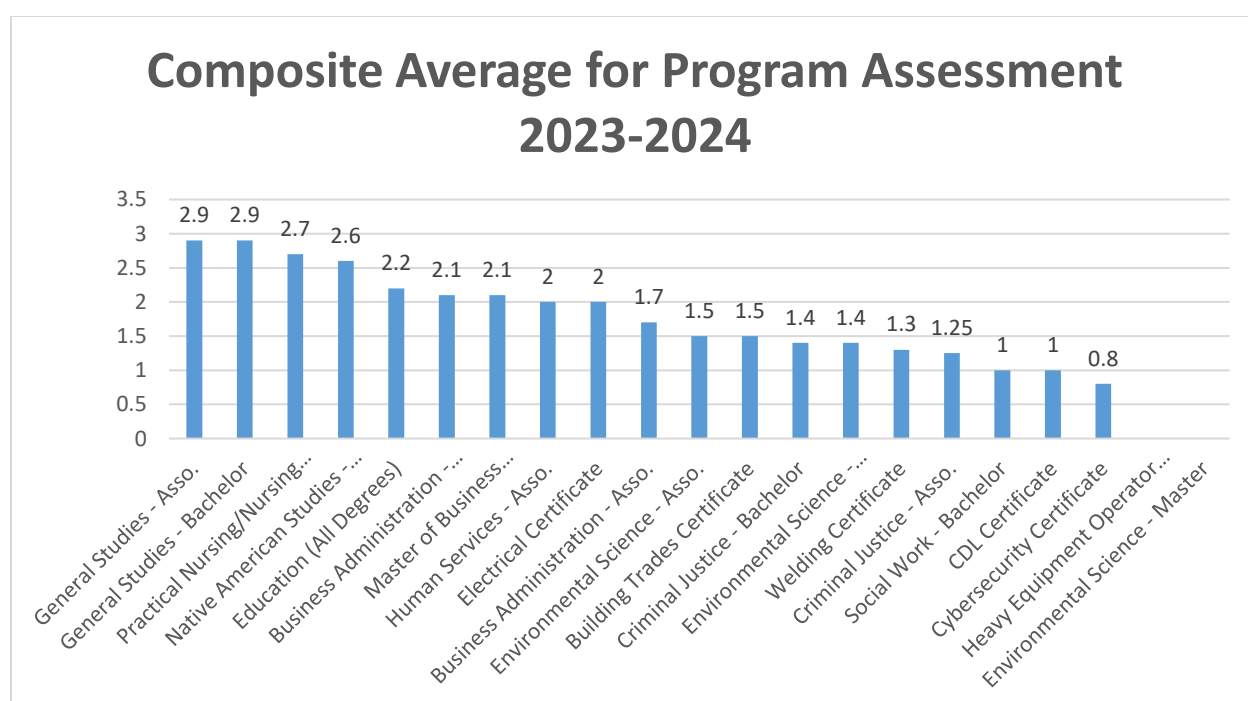
Upon summary of the Spring 2024 Program Assessment reports, here are some follow-up items.

- 1). Education Program is to modify and present Education Program Assessment Plan changes in Fall of 2024.
- 2). Assessment Committee needs to allow more time on the End of Year Program Assessment reporting for the Education and Nursing Programs.
- 3). The Assessment Committee Chair needs to reach out to Criminal Justice faculty, new program faculty so that they are aware of their respective program assessment plan and there is a FORM that all faculty are to use.
- 4). ENS faculty need to update the Outcomes from the Associate to the Bachelors to the Masters that indicates a higher degree of expectation as requested by the Higher Learning Commission visit in the Fall of 2023.
- 5). ENS faculty need to add data to the last two columns of the Spring 2024 Program Assessment report(s).
- 6). The Assessment Committee needs to decide with the Environmental Science Dept. Faculty how to best report General Education students versus the Environmental Science students.
- 7). The Assessment Committee when summarizing the two days of Program Assessment suggested that in the Fall of 2024 there would be a break out session for faculty training on what a good program assessment plan may look like both when it is created and then completed at the End of Year.

End of Year Compilation of Program Assessment Rating

Program	Measurement Tools	Findings (Actual Results)	Analysis of the Results	Recommended Actions	Results of Last Year's Recommendations	Composite Average
General Studies - Asso.	2.5	3	3	3	3	2.9
General Studies - Bachelor	3	3	2.5	3	3	2.9
Practical Nursing/Nursing Transfer	3	3	3	2.5	2	2.7
Native American Studies - Asso. & Bachelor	3	3	2	2	3	2.6
Education (All Degrees)	2	3	3	2	1	2.2
Business Administration - Bachelor	2.5	2.5	1.5	1.5	1	2.1
Master of Business Administration	2.5	3	2	2	1	2.1
Human Services - Asso.	2	3	2	2	1	2
Electrical Certificate	2.5	2.5	2	2	1	2
Business Administration - Asso.	2	2.5	1.5	1.5	1	1.7
Environmental Science - Asso.	1	2	1.5			1.5
Building Trades Certificate	2	1	2	1.5	1	1.5
Criminal Justice - Bachelor	1	2	1	2	1	1.4
Environmental Science - Bachelor	1	2	2	1	1	1.4
Welding Certificate	1	1	1	1.5	2	1.3
Criminal Justice - Asso.	1	2	1	1		1.25

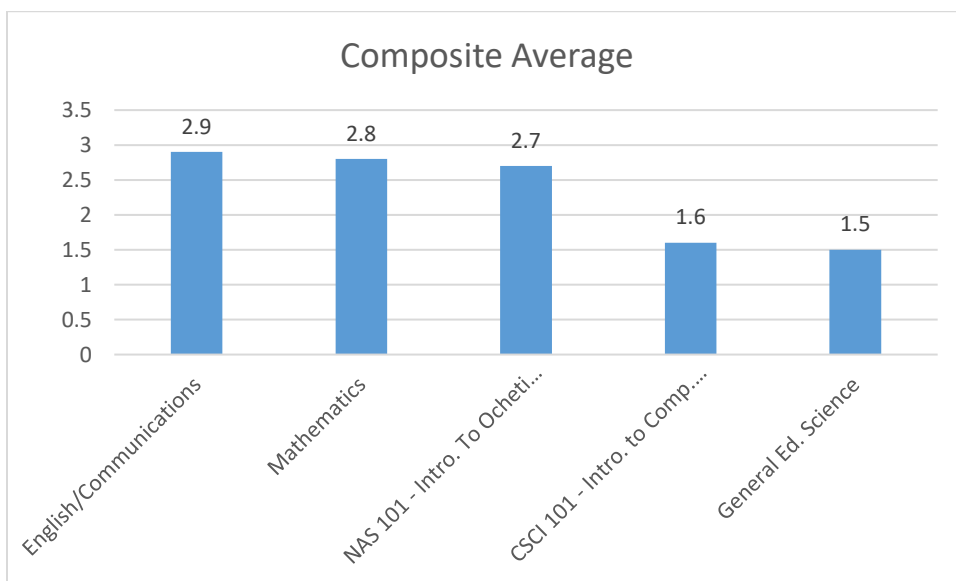
Social Work - Bachelor	1	1	1	1	1	1
CDL Certificate	1	1	1	1	1	1
Cybersecurity Certificate	1	1	0	1	1	0.8
Heavy Equipment Operator (HEO) Certificate						
Environmental Science - Master						



Mid-Year Compilation of Gen. Ed. Program Assessment Rating

General Ed. Courses	Measurement Tools	Findings (Actual Results)	Analysis of the Results	Recommended Actions	Results of Last Year's Recommendations	Composite Average
CSCI 101 - Intro. to Comp. Apps.	1	3	2	2	0	1.6
General Ed. Science	1	2	1.5	3	0	1.5
English/Communications	3	3	3	3	2.5	2.9
Mathematics	3	3	3	3	2	2.8
NAS 101 - Intro. To Ocheti Sakowin Language	3	3	3	2.5	2	2.7

General Ed. Courses	Composite Average
CSCI 101 - Intro. to Comp. Apps.	1.6
General Ed. Science	1.5
English/Communications	2.9
Mathematics	2.8
NAS 101 - Intro. To Ocheti Sakowin Language	2.7



twk

Minutes Approved: October 4th, 2024

Motion to approve: Juliana Taken Alive

Second by: Dana Lagaly

Motion passed: 14-0-0