



Program Assessment 2016-2017

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Program Assessment Introduction 2016-2017

Each program is required to complete a program plan at the beginning of each academic year that is approved by the Assessment Committee. The plan includes the program outcomes, measurement tools, and measurement goals. Findings, analysis of data and action or recommendations are completed at yearend.

Program Outcomes	Measurement Tool (Who, what, how, when?)	Measurement Goal (expected results)	Findings (Actual results)	Analysis of Data (What students learned and what they didn't learn)	Action or Recommendation

At the end of the year, programs faculty are also required to complete a one-page summary of their program along with graduate data for their program plan and report to the assessment committee. All program assessment findings are located in SBC shared server. **Actual findings are not published due to low program numbers and possible violation of FERPA laws.**

The Assessment Committee continues to use a rating rubric, with scoring the findings, analysis of data, and action or recommendations at yearend. The rubric continued utilizing a rating scale of 0 - No Evidence, 1 – Emerged, 2 – Developed, and 3 –Achieved. The outcomes, measure tools, and measurement goals, are not rated. The rationale for this is that the Assessment Committee is approving outcomes, measurement tools, and expected goals at the beginning of each academic year. During the two day reporting process faculty are required to complete a one-page summary of their findings along with action or recommendations they plan to implement in 2017-18 academic year. **In 2016-17, minutes were kept for the two-day end of the year reporting.**

Below is a timeline of the Assessment Committee strategies for 2016-2017:

September:

- Review yearend program rubric results

October

- Corrective action, with review of programs with a composite score of 1.50 or lower
- Review 2016-2017 program plans – require the both direct and indirect measures to be used

November:

- Review 2016-2017 corrected program plans
- Continue to encourage faculty not to try and wait until the end of the semester for all assessment data
- Try some mid-year assessment strategies

December:

January-April

- Continue to refine assessment process

May:

- Final program assessment presentations

It is continued recommendation that through the review process and use of the rubric, any programs that have a composite score or individual criteria scores below 1.75 will be required to refine their plan and submit it to the Assessment Committee in the fall 2018 for review.

The 2016-2017 program Assessment Committee evaluation results are as follows:

DIVISION OF ARTS AND HUMANITIES

PROGRAM OUTCOMES FOR ASSOCIATE OF ARTS DEGREE IN GENERAL STUDIES:

1. The student will express ideas effectively through writing and speaking.
2. The student will demonstrate use of technology.
3. The student will develop their knowledge of various cultures with an emphasis on the Ochethi Sakowin culture.
4. The student will demonstrate mathematical skills and reasoning:
 - a) organize and analyze data to make inferences about real world situations (critical thinking skills),
 - b) apply the basic math properties to solve equations and inequalities (mathematical principles).

Measurement Styles	Findings (Actual Results)	Expected Results	Analysis of the Results	Recommended Action(s)	Strengths of Program Assessment	Opportunities for Program Assessment
3	3	3	3	3		
3	3	3	3	3	Instructor understands students' needs.	
3	3	3	3	2		
3	2	3	3	3	Clearly explained. Maintain the same sprit	Having done this for a long time and attending national workshops on assessment is a plus.
3	2	3	3	3	Good job on incorporating both direct and indirect	
	3	3	3	3		
3	2	3	3	2	Good job in such a short time to complete the report	
2	3	3	3	2	Well organized, see note on opportunities.	I think this would be a hard program to gather assessment data on.
3	3	3	3	3	Clear presentation and analysis	
2.88	2.67	3.00	3.00	2.67	Composite Average	2.84

PROGRAM OUTCOMES FOR BACHELOR OF SCIENCE DEGREE IN GENERAL STUDIES:

1. The student will create written and oral communication to meet professional standards.
2. The student will demonstrate advanced use of technology.
3. The student will demonstrate research skills by retrieving, evaluating, and using information appropriately.
4. The student will develop critical thinking skills to enhance problem solving.

Measurement Styles	Findings (Actual Results)	Expected Results	Analysis of the Results	Recommended Action(s)	Strengths of Program Assessment	Opportunities for Program Assessment
3	3	2	3	3	All good. Flowing presentation	Small number of students make it easier besides being your good knowledge on assessment.
3	3	3	3	3		Student majors
3	3	3	3	3		
3	3	3	3	2	Overall very good	No dates on recommendations for when they will be complete or attempted
2	3	3	2	2	The variety of assessment measures that allows for the individuality of the student. Very complete assessment report.	No suggestions at this time
3	2	3	3	3	Good job with incorporating direct and indirect.	
3	3	2	2	2		
3	3	3	3	3		
3	3	3	3	3		
2.89	2.89	2.78	2.78	2.67	Composite Average	2.80

DIVISION OF BUSINESS

PROGRAM OUTCOMES FOR ASSOCIATE OF ARTS IN BUSINESS ADMINISTRATION:

1. The student will prepare and interpret various financial reports for a business.
2. The student will exhibit professional skills in written and verbal communication.
3. The student will demonstrate practical application of small business management principles including supervision, marketing, and business planning techniques.
4. The student will demonstrate knowledge of legal issues relating to business.
5. The student will display basic knowledge of global, national, local, and Native American tribal economic concepts.

Measurement Styles	Findings (Actual Results)	Expected Results	Analysis of the Results	Recommended Action(s)	Strengths of Program Assessment	Opportunities for Program Assessment
3	3	3				
1	1	2	2	2		Need to ensure that goal rating is matching the actual results.
3	3	2	2	3	Good job for first time!!	Rather than assess in the Business Law class (grades) could a broader assessment be completed at some other time of the program and include ethics???
2	2	2	2	2		No dates on recommendations as when to incorporate or complete
3	3	3	3	3		
2	2	2	2	2		rubric review, more flexibility, alternative assignments for unforeseen cancelations, separate written and oral assessment. More project based relevant assignments.
2	2	2	2	3	3	
2	2	3	2	2	Accounting: Very good plan of starting with paper work then electronic system next semester. Very good. Action and recommendations column neatly and properly explained. Business Section: Good Jo	Keep on encouraging attendance. Need to improve on the findings column properly correlating the letter grades, averages and percentage.
1	2	2	1	1		
2	2	2	2	2		
2.10	2.20	2.30	2.11	2.22	Composite Average	2.19

PROGRAM OUTCOMES FOR BACHELOR OF SCIENCE IN BUSINESS ADMINISTRATION:

1. The student will demonstrate advanced level to communicate effectively in writing and orally.
2. The student will demonstrate advanced proficiency of integration of business concepts.
3. The student will apply advanced management theory and techniques to actual business situations.
4. The student will be able to evaluate an organization and provide strategic business recommendations.
5. The student will analyze the impact of global business issues.
6. The student will demonstrate proficiency of current computer information systems within the business environment.

Measurement Styles	Findings (Actual Results)	Expected Results	Analysis of the Results	Recommended Action(s)	Strengths of Program Assessment	Opportunities for Program Assessment
1	1	2	2	2		
					Recommendation for future	Outcomes need to be divided further--Orally and written presentations to be assessed separately. Include data on internships i.e. internship grades
1	2	2	1	2	Improvement was well defined.	
2	2	2	2	2		
2	3	2	2	3		
					Faculty is willing to change and grow in assessment.	Change and evolve to help demonstrate what students are learning
2	2	2	2	2		
						Expand your analysis and then your recommendations will be more clear. Consider including other assessment opportunities such as your internships and more indirect measures.
2	2	2	2	1	Good job for working with an assessment plan that you were gifted.	
					Faculty member shows the desire to have a good assessment plan.	Is it possible to include any results from internships???
2	2	2	3	3		
						Flexibility, cross-program connections, interdisciplinary assignments, use internship results to capture program data, add business technology applications.
1	2	2	2	2	instructor knowledge	
1.67	2.00	2.00	2.00	2.11	Composite Average	1.96

PROGRAM OUTCOMES FOR ASSOCIATE OF SCIENCE DEGREE IN INFORMATION TECHNOLOGY:

1. The student will comprehend and resolve common desktop computer and network issues.
2. The student will practice communication, problem solving and decision-making skills through the use of appropriate technology and with an understanding of the use environment.
3. The student will analyze common users and functions and identify, design, and develop appropriate information technology solutions in web, desktop, network, and/or database applications.
4. The student will configure and administer database servers to support contemporary business environments.
5. The student will plan and implement a technical solution for networking in a small business environment.
6. The student will design and develop software solutions for various use environments by employing appropriate problem solving strategies.
7. The student will investigate issues and/or solve problems using current topics in computing as well as application of industry trends.

Measurement Styles	Findings (Actual Results)	Expected Results	Analysis of the Results	Recommended Action(s)	Strengths of Program Assessment	Opportunities for Program Assessment
3	2	2	2	3	Student self-evaluate.	Analytical skills and few students easy to handle (one on one)
1	2	2	2	1		Program outcomes need to match what is in the bulletin.
1	3	2	2	2		
3	3	3	3	3		
2	2	2	2	2	Good detail in analysis	No dates on recommendations
2	2	2	3	3		
2	2	2	2	2		Good idea to break internship into three separate one credit classes.
2	1	1	2	2	Needed for the industry	Student recruitment, ore hands-on work.
1	2	2	2	1	Need to have outcomes match bulletin. Make sure that you have your previous year recommendations	I like that you have students work with old computers; very practical
3	3	3	3	3	The use of up to date software is crucial to this program and has proved to be valuable.	Virtual internships
3	3	3	3	3		
2.09	2.27	2.18	2.36	2.27	Composite Average	2.24

DIVISION OF CONSTRUCTION TECHNOLOGY

PROGRAM OUTCOMES FOR ASSOCIATE IN BUILDING TRADES

1. The student will prepare building site according to building plan.
2. The student will estimate amount of material needed to complete building project.
3. The student will be able to layout and construct exterior wall sections and roofing according to a building plan.
4. The student will be able to install interior walls and ceilings, doors and trim, and cabinets and special built-ins according to building plan.

Measurement Styles	Findings (Actual Results)	Expected Results	Analysis of the Results	Recommended Action(s)	Strengths of Program Assessment	Opportunities for Program Assessment
2	2	2	2	3	Good but they need to explain more on their optimism of getting more student and retaining them.	Good with the potential increase in enrolment.
3	2	3	2	3		
3	3	2	2	2	faculty work well with each other to trouble shoot	
3	2	2	3	3		
3	2	2	2	2		
3	2	2	2	1	The use of hands on activities for assessment purposes.	Change program outcome number one to two parts A & B - complete separate assessments for each. Possibility of working with high school on dual credit.
2	3	3	3	2	The assessment indicates they understand the reasons for withdrawal. Many of the reasons are ones we really can't impact.	
2	2	3	2	3	Collaboration works well.	Split outcome 1. Research dual credit options.
3	3	3	3	3	They stated what the state of the program is.	NA
2	2	1	1	1	You both work well together. Your assessment report is nicely done and uses your industry's standards.	You verbalized good recommendations. That should be in your actions in your main report. I would suggest that you expand your discussion of what they learned and didn't to include more of the discussion you had before the assessment committee as well.
3	3	3	2	2		There are a number of things that were discussed but were not documented that would help to identify avenues of action that could be taken.
2.64	2.36	2.36	2.18	2.27	Composite Average	2.36

PROGRAM OUTCOMES FOR CERTIFICATE IN COMMERCIAL DRIVERS LICENSE (CDL):

1. The students will gain a working knowledge of a tractor trailer and basic skill driving.
2. The students will gain a working knowledge of standard safety practices set by the Occupational Safety and Health Administration.
3. The students will understand an overview of all North Dakota Department of Transportation Regulations.

No Report – Adjunct faculty did not complete

PROGRAM OUTCOMES FOR CERTIFICATE IN ELECTRICAL:

1. The students will learn and know how to utilize the National Electrical Code.
2. The students will know the methods of basic electricity, basic wiring circuits, electric motors, materials and tools used to complete a residential or commercial building plan.
3. The students will know how to complete basic circuitry utilizing algebraic skills to perform the proper calculations.

Measurement Styles	Findings (Actual Results)	Expected Results	Analysis of the Results	Recommended Action(s)	Strengths of Program Assessment	Opportunities for Program Assessment
3	3	3	3	2	Good breakdown of your findings and good recommendations	
3	3	3	2	3	Very good Assessment plant and nice job of presenting.	
3	3	3	3	3	Instructor is dedicated to use hands on learning for students.	
3	3	3	1	3	Good job for first time using the plan.	The outcomes on plan do not match the outcomes in the bulletin. Add areas of weakness and strengthen in the analysis.
3	3	3	3	3	Instructor passionate about subject and cares about student success.	Explore recruitment opportunities, dual credit, and math, coding tutor. Add prereq.
2	2	2	3	3	Well done. Your yearend summary was very well done. Your actions and recommendations included information that you could shift over to the analysis column but was very detailed. Your report and your presentation show a great deal of thoughtfulness and analysis. Thank you!	Make sure that you include the results for each of your measurement tools - specifically I noticed that you did not include the results of the students' self-evaluation on skills. Sorry, you explained during your summary report.
3	3	3	3	3	Nice job on assessment, even though it was his first year teaching.	
3	2	2	2	3	Good but need to work more on action/recommendation column including deleting "etc" used.	Good but need to work out ways to enroll more students and retain them in the program.
2	3	3	3	3		
3	3	3	3	3	The instructor uses practical applications for the electrical industry.	NA
2.8	2.8	2.8	2.6	2.9	Composite Average	2.78

PROGRAM OUTCOMES FOR CERTIFICATE IN HEAVY EQUIPMENT OPERATOR:

1. Attain the technical skills and knowledge necessary to earn credentials from NCCER in Heavy Equipment Operations
2. Use critical thinking to describe basic mechanical operations and implement maintenance procedures, and to demonstrate knowledge of laws, regulations and safety requirements of the profession.
3. Demonstrate familiarity with the realities of employment in the heavy equipment industry.

Measurement Styles	Findings (Actual Results)	Expected Results	Analysis of the Results	Recommended Action(s)	Strengths of Program Assessment	Opportunities for Program Assessment
1	3	3	3	3		
1	3	2	3	2		Any indirect assessments?
3	3	3	3	3		
2	2	3	3	3	Good and keep it up.	Having an instructor on the site, SBC owning Equipment, and good space for training
1	2	3	3	3		The outcomes may need to be brought to assessment committee if they want to be changed
3	3	3	3	3		
1	2	2	2	2		Being a new program now going through one cycle of assessment, areas of weaknesses can be improved.
3	3	3	3	3		
2	3	2	2	3	Good job for the first time.	
1.89	2.67	2.67	2.78	2.78	Composite Average	2.56

PROGRAM OUTCOMES FOR CERTIFICATE IN WELDING:

1. The students will understand the theory and different welding processes.
2. The students will be able to perform welding processes that are currently relevant in the industry.
3. The students will be able to read and interpret drawings to build projects requiring welding, fabrication techniques and measurement tools.

Measurement Styles	Findings (Actual Results)	Expected Results	Analysis of the Results	Recommended Action(s)	Strengths of Program Assessment	Opportunities for Program Assessment
3	3	3	3	2	Instructor knows what students need to succeed in welding.	Pursue recruitment to increase student numbers, dual credit options?
3	2	2	2	2		
3	3	3	3	3	The industry standards are met.	I agree with his assessment that the program become a one year certificate.
2	2	3	2	3	Very good job for first time going thru the whole process.	
2	2	2	2	2		
3	3	2	2	3	Good job for first time.	Separate written and practical scores. Outcomes on plan do not match what is in the bulletin.
3	2	2	2	3	Good and need to continue that way.	Starting a Associate Degree program may help
3	3	3	3	3	His suggestion of increasing the program to one year certificate makes a lot of sense to increase experience and strengthen the weaker students.	
3	2	2	2	1	Thank you	Include total number of students, average, and range for each finding. Please split your outcomes and measurements so that they match.
2.78	2.44	2.44	2.33	2.44	Composite Average	2.49

PROGRAM OUTCOMES FOR CERTIFICATE IN OIL DRILLING:

1. The students will become certified Firemen and will understand how to handle a fire occurrence on an oil rig.
2. The students will have field training to introduce them to the oil rig equipment and learning the specialized skills that they will need to be entry level oil rig workers.
3. The students will become certified in all safety requirements to begin work on the oil rigs immediately after graduation.

Program not offered in 2016-17.

PROGRAM OUTCOMES FOR CERTIFICATE IN HOME ENERGY AUDIT:

1. Efficiently and properly use equipment to conduct building pressure analysis.
2. Recognize Safety and Health Hazards and be able to properly identify the correct procedure for containing environmental hazards.
3. Identify and apply discipline-specific practices that contribute to the local and global community through social responsibility, renewable energy, economic commitment and environmental stewardship.

Program not offered in 2016-17.

PROGRAM OUTCOMES FOR CERTIFICATE IN WATER TREATMENT TECHNICIAN:

1. The student will be able to identify sources of fresh water and explain the process of water collection. They will be able to list methods for storing raw water and protecting water quality.
2. The student will learn the principles of safety, health, and environment as an individual and as a team member within a water treatment facility. They will be able to explain water treatment plant safety and health rules and procedures.
3. The student will gain knowledge required to safely operate water treatment plant equipment. These skills will also directly translate into work practices that are environmentally sound.

No report – Adjunct faculty did not complete as required.

DIVISION OF EDUCATION

PROGRAM OUTCOMES FOR EDUCATION PROGRAMS:

1. The candidate will demonstrate discipline content knowledge, pedagogical and professional knowledge, and skills/dispositions needed to educate all learners through field and practicum experiences.
2. The candidate will demonstrate and use formal and informal assessment strategies to evaluate and ensure the continuous development of the diverse learner.
3. The candidate will be a reflective thinker who continually evaluates the effects of his/her choices and actions on others and who seeks opportunities to serve the community and grow professionally.
4. The candidate will demonstrate knowledge and sensitivity of global cultures/ethnicities, and an awareness of diverse learning styles, with a focus on Ocheti Sakowin culture and language.
5. The candidate will demonstrate the ability to integrate tools of instructional and assistive technology into teaching and professional practice.

PROGRAM OUTCOMES ASSOCIATE OF SCIENCE IN EARLY CHILDHOOD EDUCATION

Measurement Styles	Findings (Actual Results)	Expected Results	Analysis of the Results	Recommended Action(s)	Strengths of Program Assessment	Opportunities for Program Assessment
3	3	2	3	3	3 Good job	
3	3	3	2	2	Education team works well together and with assessment	Measurements should only measure one area
3	3	3	3	3		
2	3	3	3	3		
3	2	2	3	3		
3	2	2	2	2	3 Good layout and continue	Good number of students
2	2	2	2	2		
3	3	3	3	3	3 strong assessment	
3	3	3	3	3		
2.78	2.67	2.56	2.67	2.78	Composite Average	2.69

Early Childhood Education – Bachelor
 No enrollment for 2016-17

PROGRAM OUTCOMES ASSOCIATE OF SCIENCE TEACHER EDUCATION

Measurement Styles	Findings (Actual Results)	Expected Results	Analysis of the Results	Recommended Action(s)	Strengths of Program Assessment	Opportunities for Program Assessment
3	3	3	3	3		
3	3	3	3	2	Strong leadership	Rubric for internship/student teacher program
3	3	3	3	3		
3	3	3	2	3	Good job	
2	2	2	1	2	Good flow through the assessment to the recommendations.	Continue to work on refining your assessment.
						Take students for trips outside reservation or even abroad for experience in cultural diversity/experience
3	2	2	3	2	Competency tests given	
3	3	3	3	3		
3	3	3	3	3		Break out the outcomes and label 1a, 1b, 1c etc.
3	3	3	3	3		
2.89	2.78	2.78	2.67	2.67	Composite Average	2.76

PROGRAM OUTCOMES BACHELOR'S OF SCIENCE IN ELEMENTARY EDUCATION

Measurement Styles	Findings (Actual Results)	Expected Results	Analysis of the Results	Recommended Action(s)	Strengths of Program Assessment	Opportunities for Program Assessment
3	3	3	3	3	3	
3	2	2	2	3		
3	3	3	3	3	2 ND laws for education well known by department	Align new standards better
3	2	3	3	3		
3	2	2	3	3	3 Clarity indicating new recommendations in red. Good flow.	Availability of diversity in the SBC staff and faculty that will help when time for exposing students to different world cultures comes.
3	3	3	2	3	3 Good job	
2	2	3	2	2	2 Good job.	In analysis address what you did towards last years recommendations (your green).
3	3	3	3	3	3	
2.88	2.50	2.75	2.75	2.75	Composite Average	2.73

Secondary Science Education – Bachelor
 No enrollment for 2016-17

DIVISION OF ENGINEERING

PROGRAM OUTCOMES FOR ASSOCIATE OF ARTS IN PRE-ENGINEERING

1. The student will apply knowledge of Chemistry, Physics, mathematics through Calculus II, and introductory engineering to the analysis of engineering problems.
2. The student will conduct experiments and analyze and interpret data.
3. The student will design a system, component, or process to meet desired needs within realistic constraints at a level typical of a beginning 3rd year undergraduate in an ABET (Accreditation Board for Engineering and Technology, Inc.) accredited engineering program.
4. The student will function on teams having a diversity of educational, occupational, and cultural backgrounds.
5. The student will identify, formulate, and solve engineering problems at a level typical of a beginning 3rd year undergraduate in an ABET accredited engineering program.

Measurement Styles	Findings (Actual Results)	Expected Results	Analysis of the Results	Recommended Action(s)	Strengths of Program Assessment	Opportunities for Program Assessment
2	1	2	2	2		It is good to hear that Josh is interested in reviewing and revising the assessment tools.
1	1	1	1	1	2 Recognizes weaknesses in assessment plan	Develop collaborating assessment plan, changes in plan, recruitment efforts expanded
1	2	2	2	2	2 You know the changes that need to be made	
2	2	2	2	2	2	Need to include statistics in your assessment. Need to give more details.
3	3	3	3	3	3	
1.8	1.8	2	2	2.2	Composite Average	2.28

DIVISION OF MATH AND SCIENCE

PROGRAM OUTCOMES FOR ASSOCIATE OF SCIENCE IN ENVIRONMENTAL SCIENCE:

1. The student will describe and show competency in the proper use of environmental sampling equipment and current technology in the classroom and in the field according to accepted "Standard Methods".
2. The student will describe and show competency to conduct field sampling and monitoring of air, water, soil, and biomass using appropriate sampling equipment according to accepted "Standard Methods".
3. The student will describe and show competency to conduct an environmental site assessment.
4. The student will describe and show competency to describe, orally and in writing, the similarities and differences between traditional and modern views of the Earth.
5. The student will describe and show competency to demonstrate an understanding of methodology in science research.
6. The student will describe biological, chemical, and physical influences on environmental media.
7. The student will describe transport mechanisms for contaminants as they travel through various environmental media.
8. The student will demonstrate a general knowledge of environmental issues and develop an understanding of environmental impacts resulting from human activities.

Measurement Styles	Findings (Actual Results)	Expected Results	Analysis of the Results	Recommended Action(s)	Strengths of Program Assessment	Opportunities for Program Assessment
2	3	2	2	2	Good action on the one page summary.	The rating for each questions was in the one page summary, but would be good to put the highest and lowest ratings achieved.
3	2	3	3	2	Instructor knows where she wants to improve for student learning based on results	Improvement needs to be a team effort.
3	3	3	3	3		
2	2	3	3	3	The overall plan continues to get better every year. Sometimes the results are not what we would like, but that is what happens in assessment.	
2	3	2	2	2		
3	2	2	3	3	Good	Try students to self-evaluate before the committee's evaluation
1	2	2	1	2		
3	3	3	3	3		
3	3	2	3	2		
3	3	3	3	3	Strong analysis of data	Incorporate last year's recommendation to allow review of the required changes.
2.5	2.6	2.5	2.6	2.5	Composite Score	2.54

PROGRAM OUTCOMES FOR BACHELOR OF SCIENCE IN ENVIRONMENTAL SCIENCE:

1. The students will demonstrate the proper use of environmental sampling equipment and current technology in the classroom and in the field according to accepted "Standard Methods".
2. The student will demonstrate the ability to design and conduct a field or laboratory study using appropriate sampling equipment and techniques according to accepted "Standard Methods".
3. The student will demonstrate the similarities and differences between traditional and modern views of the Earth.
4. The student will describe biological, chemical, and physical influences on environmental media, including human health effects.
5. The student will describe transport mechanisms for contaminants as they travel through various environmental media.
6. The student will develop a professional research proposal and demonstrate the various steps of the scientific methods in the design.
7. The student will develop and present a professional research presentation and answer questions in an appropriate manner.
8. The student will produce a final report of research project that effectively provides a general narrative of the student's research.

Measurement Styles	Findings (Actual Results)	Expected Results	Analysis of the Results	Recommended Action(s)	Strengths of Program Assessment	Opportunities for Program Assessment
2	2	1	2	2		It would be beneficial to add highest and lowest scored rubrics. Also using the same measurement tool for several competencies, but do not identify how the student rated on each individual competency.
2	2	2	1	2	Faculty is concerned about students' needs.	Outcomes need to be assessed individual. May want to incorporate or condense some.
3	3	3	3	3		
2	2	3	3	2	Science faculty involved in the assessment plan!!	Could the students self-rate their presentation as an indirect measurement?
3	2	2	3	3	Good categories capturing all aspects that need to be captured.	Mature and more exposed students after completing the AS.
2	3	2	2	2		Breakdown your data based on each program outcome
3	3	3	2	3		Program should re-organize plan. It is too difficult to follow.
1	2	3	1	2	Appears in depth.	Analysis is not always clear. Align analysis with the outcomes rather than the courses as it is unclear if students met the overall outcomes. Match your rows all the way across.
2	2	2	2	2		It was challenging to review the information as presented.
2.22	2.33	2.33	2.11	2.33	Composite Score	2.27

PROGRAM OUTCOMES FOR MASTER’S OF SCIENCE IN ENVIORNMENTAL SCIENCE:

1. The student will develop scientific critical thinking skills.
2. The student will demonstrate the ability to articulate knowledge of environmental science, methodologies, and policy both verbally and orally.
3. The student will synthesize a cogent research thesis inclusive of appropriate statistical analysis.
4. The student will demonstrate an understanding of Native Science as it relates to the Lakota/Dakota culture, while maintaining the balance with and the integrity of Western Science.

Measurement Styles	Findings (Actual Results)	Expected Results	Analysis of the Results	Recommended Action(s)	Strengths of Program Assessment	Opportunities for Program Assessment
1	1	1	1	1		
2	1	1	1	2		Need to research what rubrics or other tools could be used to assess competencies.
1	1	2	0	1	This report is much easier to read. Analysis is good.	Only measurement is GPA or the entire report. The analysis does not analyze the results and expectations. However, the analysis actually does talk about the assessment strategy.
2	1	2	1	2	Measurement tools seem to be laided out nicely, just need some tweaking.	Using a rubric or checklist for evaluation of the student’s research proposal.
1	2	2	3	3	Good but need editing removing GPA and leave 3 as a pass in 1-5 rubric.	Dealing with mature students
2	1	1	1	1		Very confusing, needs to locate rubrics, as there are many out there.
1	2	2	1	2	One Cohort graduated.	Need to look at another expectation besides GPA
1.43	1.29	1.57	1.14	1.71	Composite Score	1.43

DIVISION OF NATIVE AMERICAN STUDIES

PROGRAM OUTCOMES FOR CERTIFICATE/ASSOCIATE OF SCIENCE DEGREE IN LAKHOTIYAPI/DAKHOTIYAPI:

1. The student will demonstrate a knowledge base of the Ochethi Sakowin Language using best practices in the following areas:
a) language acquisition; b) field methods; c) practical applications; and d) teaching techniques

Measurement Styles	Findings (Actual Results)	Expected Results	Analysis of the Results	Recommended Action(s)	Strengths of Program Assessment	Opportunities for Program Assessment
2	2	2	2	3	Program enhances and exposes the college to students from many places	Uniformly scoring, better way to collect oral samples for e-portfolio,
2	2	2	2	1	Highlighting key sections was helpful.	You could give a better assessment by proper preparation before presenting to the committee. Summary of your report is essential. Improve on your measures.
2	2	3	3	2	Lots of data	Continued revision of assessments is good
2	2	2	2	2	Great job on the assessment of the oral language.	
1	2	2	2	2	Good start. You have lots of data. Very open to feedback from the various committee members	Continue to refine and align. Remember that assessment is a work in progress - it is never done.
2	2	2	2	2		
1.83	2.00	2.17	2.17	2.00	Composite Average	2.03

PROGRAM OUTCOMES FOR ASSOCIATE OF ARTS DEGREE IN NATIVE AMERICAN STUDIES:

1. The student will demonstrate proficiency in the Ochethi Sakowin language:
 - a) Orally; b) Reading; and c) Writing
2. The student will demonstrate an awareness of Ochethi Sakowin culture and the importance of cultural activities and their role in Ochethi Sakowin society.
3. The student will demonstrate knowledge of the traditional values of Ochethi Sakowin society.

Measurement Styles	Findings (Actual Results)	Expected Results	Analysis of the Results	Recommended Action(s)	Strengths of Program Assessment	Opportunities for Program Assessment
2	2	2	2	2	Instructor's knowledge	Course offerings
1	2	2	1	2		Add indirect assessment measure
2	1	2	1	1	Good start.	There are some measurements (nuanced) that are actually an outcome and need a measurement "tool" or method added.
2	2	2	2	2	Short and clear	Need more effort on the action and recommendation column.
2	2	2	0	2		Need to make sure expectations are measureable and directly related to outcomes.
2	2	2	2	2		
3	3	3	3			
2.00	2.00	2.14	1.57	1.83	Composite Average	1.91

PROGRAM OUTCOMES FOR BACHELOR OF ARTS DEGREE IN NATIVE AMERICAN STUDIES:

The Bachelor of Arts in Native American Studies will facilitate the achievement of Sitting Bull College’s overall mission to build intellectual capital and promote economic and social development by preparing students to be community-centered leaders. Upon completion of the program:

1. Students will read, write, understand, and speak the Ochethi Sakowin language proficiently both in and outside the classroom.
2. Students will identify the challenges that Native people face today through effective oral and written communication.
3. Students will demonstrate knowledge of Ochethi Sakowin history, institutions, values, by applying such teachings in personal, public and academic situations.

Measurement Styles	Findings (Actual Results)	Expected Results	Analysis of the Results	Recommended Action(s)	Strengths of Program Assessment	Opportunities for Program Assessment
3	3	3	3	3	The tools listed are more than thorough.	
2	2	2	2	2	New bachelor program	Students advancement will show increase in knowledge
2	2	2	2	3	The review was good.	Statistics need to be given in a more clear way.
1	2	2	2	1		Add indirect assessment and more detail in recommend actions
2	2	2	1	1	Assessment is in development. Nice to see where you plan to go and be able to provide the feedback proactively instead of reactively.	So many things you can do. Don't overload yourself and try to do everything at once. You will get there.
3	3	3	3	3		
3	3	3	3	3		
2.29	2.43	2.43	2.29	2.29	Composite Average	2.34

DIVISION OF NURSING

PROGRAM OUTCOMES FOR ASSOCIATE OF SCIENCE DEGREE IN PRACTICAL NURSING:

1. The student will practice holistic, safe, technical nursing care in meeting the health care needs of individuals and families across the lifespan, regardless of cultural background.
2. The student will demonstrate technical level skill in critical thinking, communication, and therapeutic nursing interventions.
3. The student will utilize the nursing process to give culturally focused care.
4. The student will demonstrate effective promotion of wellness and balance across the lifespan and transitions of living in the present world with individuals, vulnerable populations, and various other professionals in a variety of settings such as community health care agencies, outpatient settings, and long-term care settings.
5. The student will practice within the ethical and legal guidelines of the Nurse Practices Act.
6. The student will demonstrate leadership skills consistent with the role of a practical nurse in collaboration with registered nurses, advanced practice registered nurses, or licensed practitioners.

Measurement Styles	Findings (Actual Results)	Expected Results	Analysis of the Results	Recommended Action(s)	Strengths of Program Assessment	Opportunities for Program Assessment
3	3	3	3	3	Great job with multiple levels of assessment tools.	
3	3	3	3	3	Teaching and learning knowledge of instructor	Recruitment opps., succession plan,
3	3	3	3	3	The faculty are excellent!!!! The explanations for each measurement tool is written on a high level.	NA
3	3	2	3	3	Program ideas and expectations	Make sure to finish rubrics
3	3	3	3	3	Nice clear analysis and presentation	
3	3	3	3	3	Good job done	Summarizing the report is essential.
3	3	3	3	3	Good assessment	
3	3	3	3	3	Another very good assessment plan from the Nursing program.	
3.00	3.00	2.88	3.00	3.00	Composite Average	2.98

DIVISION OF SOCIAL AND BEHAVIORAL SCIENCE

PROGRAM OUTCOMES FOR CERTIFICATE AND ASSOCIATE OF SCIENCE IN COMMUNITY HEALTH WORKER:

1. The students will access current & reliable research-based health information from the internet as a “life-long” skill.
2. The student will present health-related information to others in “one-on-one” settings, as well as in small group settings, & large group settings
3. The student will attend to “health literacy”, that is, prepare and present health information in a way that is respectful of the “learner”, for example, students will be able to effectively adapt health information so it can be understood by an elder, a colleague, a Tribal leader, a child, people with advanced reading levels, and people who have limited reading levels.
4. The student will adapt general health related information to include its direct application to the American Indian cultural context
5. The student will document reliably in written and electronic health records
6. The student will communicate effectively and respectfully
7. The student will assess different communication styles and adapt their communication style as necessary to meet the needs of potential clients in the community

Program not offered in 2016-17.

PROGRAM OUTCOMES FOR ASSOCIATE OF APPLIED SCIENCE DEGREE IN LAY ADVOCATE/PARALEGAL:

1. The student will demonstrate knowledge of the Constitutional and legal foundations of American law.
2. The student will demonstrate an understanding of the powers and limitations of Indian law based on federal law and legal precedent.
3. The student will demonstrate a foundational understanding of civil and criminal law sufficient to obtain entry-level employment as a paralegal or to represent Tribal constituents as a lay advocate in Tribal courts.

Measurement Styles	Findings (Actual Results)	Expected Results	Analysis of the Results	Recommended Action(s)	Strengths of Program Assessment	Opportunities for Program Assessment
2	3	2	2	2		Lay advocate should need to write, right? Why isn't this being assessed?
3	3	3	3	3		
3	2	2	2	2	The Assessment report is really detailed.	There is room to shorten the report/summarize it.
2	3	3	1	1	A lot of data and thought!	You have outlined a method to improve the test and hopefully have better predictive results.
3	3	2	3	3	Very in depth assessment including analysis. Hopefully you don't develop paralysis by analysis.	
2	3	3	3	2		
3	3	3	3	2		
0	3	3	3	3		
3	2	3	3	2	Great analysis	Good idea about student exit survey
3	3	3	3	3		
2.4	2.8	2.7	2.6	2.3	Composite Average	2.56

PROGRAM OUTCOMES FOR ASSOCIATE OF SCIENCE DEGREE IN CRIMINAL JUSTICE:

1. The student will demonstrate a working knowledge of the Constitutional and legal foundations of American law.
2. The student will demonstrate an understanding of the powers and limitations of Indian law based on federal law and legal precedent.
3. The student will demonstrate a basic understanding of the various theories of deviant behavior and society's responses to such behavior.

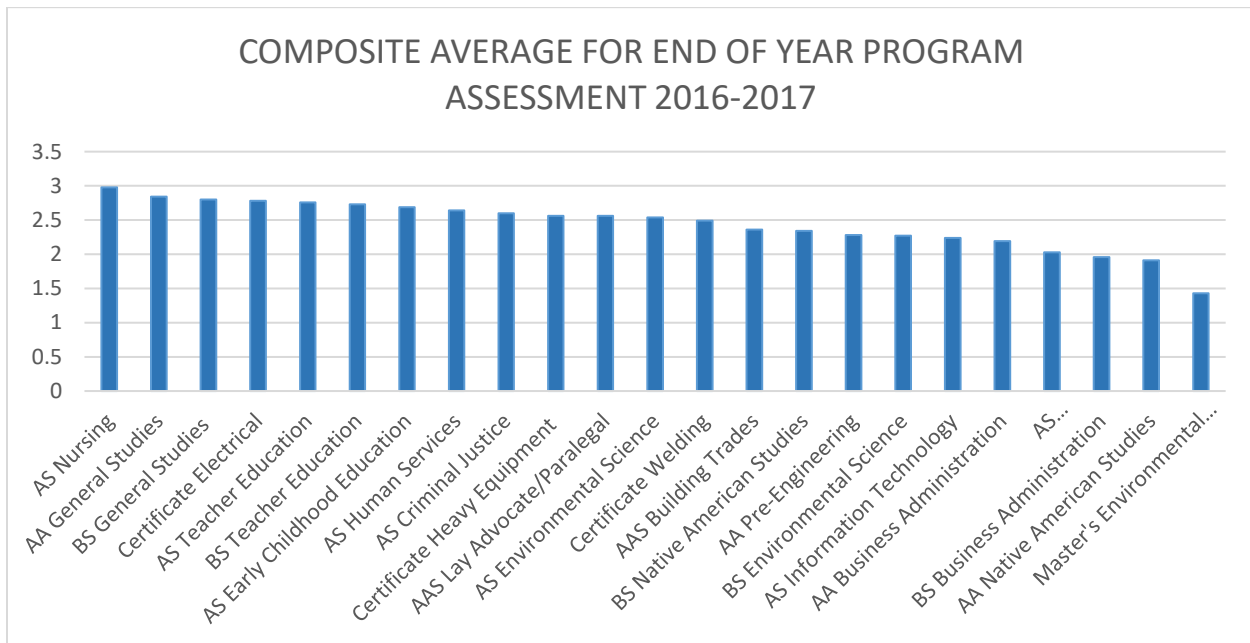
Measurement Styles	Findings (Actual Results)	Expected Results	Analysis of the Results	Recommended Action(s)	Strengths of Program Assessment	Opportunities for Program Assessment
3	2	2	1	2	A good writer of this standard is capable of summarizing the work/assessment	Summarize the scores. Report need to be shorter. Too much details.
3	3	3	3	3		
3	3	3	3	2		Exam analysis
3	2	3	2	3	Very thorough, maybe even too much info??	
3	3	3	2	2		
3	3	3	3	2		
2	2	2	1	0	It is obvious that you have put some thought and a lot of work into this.	Add student evaluation of internship and learning (self-evaluation)
3	3	3	3	3		
2	3	3	3	2		
3	3	3	3	3	The report is the most thorough report of the day.	
3	3	3	3	3	Detailed program analysis	
3.00	2.67	2.67	2.33	2.33	Composite Average	2.60

PROGRAM OUTCOMES FOR ASSOCIATE OF SCIENCE DEGREE IN HUMAN SERVICES TECHNICIAN:

1. The student will demonstrate the ability to effectively communicate with clients and other professionals verbally and in writing.
2. The student will demonstrate knowledge of social and human service delivery systems and their role within the local and regional community:
 - a) Role Identification
 - b) Agency Planning, Budgeting, Management
 - c) Legal and Ethical
3. The student will apply systematic procedure to identify problems, provide therapeutic supportive and preventive services.

Measurement Styles	Findings (Actual Results)	Expected Results	Analysis of the Results	Recommended Action(s)	Strengths of Program Assessment	Opportunities for Program Assessment
3	3	3	3	3		
3	3	3	3	3		
3	2	2	2	2	Instructor knows her students strengths and weaknesses.	Fix rating scales, (i.e. 4pt. scale). Look into emotional intelligence research.
3	3	3	2	3		
3	2	2	2	2	Good but there is need to focus on student self-rating and professionalism.	Incorporating use of videos and students to write their own recommendation letters, and job application letters
3	3	3	3	3	Faculty member is concerned about student learning.	
3	2	3	2	3	Good job with the number of different assessment tools used within the plan.	Look at evaluation method to expected results to findings to ensure are easily identified.
3	3	3	3	3	The measurement tools are excellent. Specifically the self-assessment tool.	NA
2	2	3	2	3	I like that you followed directions and included the recommendations from last year.	
2	3	2	2	2	Well done. A good example for the rest of us.	Could you expand your discussion/analysis of your results - both good and bad?
2.8	2.6	2.7	2.4	2.7	Composite Average	2.64

Assessment participation with adjunct faculty still continues to be an issue. Several departments have been involving their adjunct faculty more than others. Trainings have been held to assist adjunct in the use of the college's record's management system, which allows them to post information on-line for students, do attendance, and use a gradebook for students to have access to their progress. In addition to the workshops, the Assessment Committee chair has been working one-on-one with full-time and adjunct faculty with the use of MySBC, along with different assessment strategies.



Assessment Committee Minutes from yearend reports are as follows:

Agenda Item	Discussion	Recommendations/Actions
I. Call to Order		Meeting was called to order Committee Chair, at 9:04am, May 8 , 2017
II. Assessment Presentations for the Day	The committee will follow the schedule as posted.	
III. Building Trades	The faculty provided the committee with updated outcomes for the Building Trades Program. Outcome #1 needs to split up 'the demonstrate the proper use of hand and power tools' to 1. A & B. Give a list of names of the certificate holders to Cora and/or Jody to contact to attend.	Program advisors do not mention in either document strategies for attendance issues and/or contact with students for withdrawals.
IV. CDL	Did not present	

V. Electrical	Analysis of Data should be stronger. What was weak? The faculty member said math skills were a problem for one student in residential wiring. May also want to talk about student strengths.	Outcomes do not match the current bulletin. Program should bring these current outcomes to the Assessment Committee in the fall for approval.
VI. Welding	In outcome #1, maybe breakdown the written and practice as an A and B to find out where students are better.	099 Job Skills is a one credit class. See if there is a better way of delivering the course so that students are more engaged. Outcomes do not match the current bulletin. Program should bring these current outcomes to the Assessment Committee in the fall for approval.
VII. Human Services	In indirect measurement, add that it is a four point scale and that 2 is the goal. Complete 2C data correctly.	The faculty member had her recommendations from the previous year. Other programs need to make sure they have the recommendations from the previous year on the program plan.
VIII. A.S. & B.S. Environmental Science	In the analysis of the data, it would be nice to see the range of students (for both programs). Also, the committee might need to review rubric together so there is more validity in the scoring. Bachelor in Environmental Science	Bachelor in Environmental Science: The committee would like to see a revamping of the organization in the program plan. We would like the faculty to present this during the fall.
IX. M.S. Environmental Science	Measurements are not being collected as indicated	Master's program should revamp program plan first three columns and bring back to committee in the fall.
X. Science – General Studies	It would be nice to see data separated into fall and spring semesters and to have a listing of the courses	
XI. Teacher Education & Early Childhood Education	Early Childhood Associates Outcome #1 might need to be tracked a little more individually.	Masters Assessment Outcomes were never officially approved. Program will need to bring it back in the fall.
XII. Criminal Justice & Lay Advocate	Program want to analyze questions on the test to see if there are issues with the questions.	
XIII. AS & BS General Studies	Tabled until tomorrow because of curriculum meeting	
XIV. NAS Program	Tabled until tomorrow because of curriculum meeting	

XV. Assessment Committee Discussion	All programs need to make sure that they are revisiting recommendations/actions from previous year. Education master's assessment plan was never formally approved.	
		Motion to adjourn for the day. Seconded. Motion Carried. Meeting adjourned at 3:22pm

Agenda Item	Discussion	Recommendations/Actions
I. Call to Order		Meeting was called to order by Committee Chair, at 8:35am, May 9 2017
II. Assessment Presentations for the Day	The committee will follow the schedule with the addition of General Studies and Native American Studies	
III. General Studies 8:35-9:00am		
IV. Information Technology 9:00-9:30am	<p>Uses old computers to help students work on hardware/software issues.</p> <p>There were some issues with the findings for outcome 1B. Faculty of record may need to look closely at the data. Program outcomes are not the same as they are in the bulletin. Make sure that they are the same.</p>	IT should bring the outcomes back to the Assessment Committee in the fall OR make sure that the outcomes follow the bulletin when submitted.
V. General Education: CSCI 101 Intro to Computers 9:30-9:50	<p>General Ed. Faculty for this course need to combine assessment data.</p> <p>Program may want to think about using an indirect assessment to find out what students know when they come in and how they feel they've learned</p>	
BREAK – 10 minutes		
V. General Education: Math 102, 102 Course Assessment 10:00-10:25am	Math curriculum will change in next year on a mastery model. Math department will keep the same questions to assess the program.	
V. Students Services: Enrollment Management Plan CAAP Test Results, Noel Levitz Survey, Graduate Survey, Employer Survey, Institution Outcomes Survey	<p>Enrollment Management Plan</p> <p>What is the follow up for the Financial Literacy workshops? Do students learn something from this, or is it just a carrot? Ask on an evaluation: How likely do you see yourself implementing this information: today, 3 years, 5 years</p>	NAS General Knowledge Test needs to be brought back to Assessment in the fall.

NAS General Knowledge Test Pre/Post 10:25-11:15		
VIII. General Education: ENGL 099, 110, 120; COMM 110 11:15-11:45	Department plans to drop ENGL 120 direct pre/post assessment.	Indirect measurement needs to be compiled for ENGL 110 & ENGL 120
X. Heavy Equipment 11:45-12:10 Lunch: 12:10-12:35pm	The outcomes wanted to be changed, but reported on what was in the bulletin. Students are not told what areas they scored low in on the written test, which might put them at a disadvantage.	If Heavy Operators want to change outcomes, it needs to come to the Assessment Committee in the fall.
XI. Water Treatment	Did not report	
XII. AS Business & BA Business Administration 12:45-1:40pm	AA: Outcome 2 may need to be broke out that A. written; B. verbal communication Outcome 2 C may need be broke out, too, for written and oral. Outcome 4 A. The goal is 80% or higher, yet the results show a 4.5, which is not uniform assessment. Program may want to think about another way to assess legal and ethical issues besides one course. Perhaps an indirect assessment? BA: Outcome 3: make sure to separate written and oral for the measurement tool. Results should be separate, too. In order to capture data from the internship, the program could use some of the competencies and have the internship supervisor rate to capture assessment data. Outcome 6: the measurement tool of assessing MySBC does not really capture how proficient students are using computer information. The program might want to find another way to assess this outcome.	Make sure that assessment first three columns are viewed by assessment in the fall.
XIV. Nursing 1:40-2:20	Make sure that the program continues to work on the rubrics identified in the program plan as a recommendation.	

<p>XIV. Pre-Engineering 2:20-2:29pm</p>	<p>Wants to change measurement assessment III into a skills based assessments</p> <p>Share rubric for the presentation on the shared folder</p>	
<p>X. Native American Studies 2:30-2:50pm</p>	<p>AA: Outcome three measurement tool looks a little more like an outcome rather than an assessment.</p> <p>BA: Make sure to track the student work and document throughout the year.</p>	
<p>XI. NAS 101</p>	<p>Oral measures: want to make a more comprehensive rubric</p>	
<p>XII. LDL</p>	<p>Make sure that the rubrics are developed and tested. Use a format such as googledocs that all instructors would have access to no matter their platform.</p> <p>Recordings could be done on campus with powerpoint and a voice over (headsets are available).</p> <p>Tool that might be able to measure competencies and expertise?</p>	
<p>XIII. Final Thoughts and adjournment</p>	<p>Assessment committee needs to make sure first three columns are reviewed in the fall to shorten the time for presentations.</p> <p>Another suggestion is to begin Assessment at noon on Monday so that programs have time to make final changes to program plans and one page reports.</p>	<p>Motion by to adjourn and seconded 3:49pm</p>

YAHOO!