

# Accounting (AAS)

In Progress

2018-19

## Program Mission

- 1 Produce accountants to be professional, ethical and skilled to implement in a business environment.

### Learning Outcomes

- 1.1 Prepare financial statements.

Description

Measure

- 1.1.1

Description

Target

- 1.2 Develop investment recommendations.

Description

- 1.3 Prepare personal income tax returns.

Description

- 1.4 Demonstrate management skills.

Description

# Admin Office Assistant (Cert)

In Progress

2018-19

## Program Mission

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1 Provide graduates with the knowledge and skills for entry-level positions in today's offices.

## Learning Outcomes

1.1 Operate office technology.

Description

Measure

1.1.1 Assignments

Description

Assignments will be graded in ADM 101 on both Chinle and Crownpoint Campuses.

Target

1.1.1.1 Nothing Entered

Target

All of the students will attain 80% or higher on their final project assignments.

Summary of Findings

Analysis of Findings

Semester:

Course:

# students:

# met target:

Semester:

Course:

# students:

# met target:

Improvement Type

Improvement Description

Improvement

1.2 Produce office documents.

## Description

### Measure

#### 1.2.1 Assignments

##### Description

In ADM 111 Keyboarding and Formatting II. Students will produce a simulation from the textbook. They have to produce a variety of office documents in ways that are readable and acceptable.

### Target

#### 1.2.1.1 Nothing Entered

##### Target

Each student will attain 80% or higher on final simulation assignments.

##### Summary of Findings

##### Analysis of Findings

Semester:

Course:

# students:

# met target:

Improvement Type

Improvement Description

Improvement

#### 1.3 Design information management systems.

##### Description

#### Action Plan

Planned

Review program assessment plan; revise measure for this outcome.

Due Date

8/30/2019

## Measure

### 1.3.1 Course assignments

#### Description

Chapter assignments from textbook in ADM 205 Office Management.

## Target

### 1.3.1.1 Met

#### Target

#### Summary of Findings

Each student will achieve 80% or higher.

#### Analysis of Findings

Semester: spring 2019

Course: ADM 205

# students: 7

# met target: 3

These data are final grades for the course. A=3, C=3, F=1.

#### Improvement Type

#### Improvement Description

Improvement

### 1.4 Demonstrate customer service skills.

#### Description

#### Action Plan

#### Planned

Review program assessment plan; revise measure for this outcome.

#### Due Date

8/30/2019

## Measure

## 1.4.1 Course assignments

### Description

Chapter assignments from textbook in ADM 205 Office Management.

## Target

### 1.4.1.1 Met

#### Target

Each student will attain 80% or higher.

#### Summary of Findings

#### Analysis of Findings

Semester: spring 2019

Course: ADM 205

# students: 7

# met target: 3

These data are final grades for the course. A=3, C=3, F=1.

#### Improvement Type

#### Improvement Description

Improvement

## Animal Science (BS)

2018-19

In Progress

## Program Mission

1

Our mission is to educate and develop students with life skills and knowledge about livestock and to serve and engage the public for the betterment of animals, society, and the environment. Our mission will be achieved through the dissemination of knowledge related to basic animal biology, applied animal science, and animal products, promoting economically viable, socially acceptable, and environmentally sustainable systems.

## Learning Outcomes

1.1 Achieve knowledge of different livestock animals based on anatomy, nutrition, genetics, and reproduction.

Description

## Measure

1.1.1 Course tests and examinations

Description

## Target

1.1.1.1 Not Reported this Period

Target

Each student will achieve 70% or higher.

Summary of Findings

Analysis of Findings

Semester:

Course:

# students:

# met target:

Improvement Type

Improvement Description

Improvement

1.2 Apply field and laboratory procedures and communicate results in oral and written forms.

Description

## Measure

1.2.1 Course tests and examinations

Description

## Target

**1.2.1.1** Not Reported this Period

Target

Each student will acheive 70% or higher.

Summary of Findings

Analysis of Findings

Improvement Type

Improvement Description

Improvement

**1.3** Maintain animal data records for production.

Description

Measure

**1.3.1** Lab protocol with rubric

Description

Target

**1.3.1.1** Not Reported this Period

Target

Each student will achieve a score of Acceptable or higher.

Summary of Findings

Analysis of Findings

Improvement Type

Improvement Description

Improvement

**1.4** Care for livestock using appropriate and humane handling procedures along with basic first aid if needed.

Description

Measure

## 1.4.1 Lab protocol with rubric

Description

### Target

1.4.1.1 Not Reported this Period

Target

Each student will achieve a score of Acceptable or higher.

Summary of Findings

Analysis of Findings

Improvement Type

Improvement Description

Improvement

## 1.5 Develop and maintain safety protocols and procedures within the work environment.

Description

### Measure

1.5.1 Lab protocol with rubric, observational assessments

Description

### Target

1.5.1.1 Not Reported this Period

Target

Each student will achieve a score of Acceptable or higher.

Summary of Findings

Analysis of Findings

Improvement Type

Improvement Description

Improvement



## 1.6 Develop a strong work ethic and professionalism.

### Description

### Measure

#### 1.6.1 Observational assessments, self-assessments

### Description

### Target

#### 1.6.1.1 Not Reported this Period

### Target

Each student will achieve a score of Acceptable or higher.

### Summary of Findings

### Analysis of Findings

### Improvement Type

### Improvement Description

### Improvement

## Associate's Degree in Nursing (ADN)

2018-19

In Progress

### Program Mission

- 1 Prepare Native American nursing students for entry-level registered nursing practice in rural and tribal communities.

### Learning Outcomes

#### 1.1 LEVEL ONE OUTCOMES (semester I)

### Description

1. Recognize their own values, beliefs, and attitudes and related to health and wellness.
2. Recognize and identify patient safety issues and risks.
3. Introduce an evidence-based approach to their professional nursing practice across the lifespan.
- 4.

Identify policies and procedures application to nursing practice in the health care delivery system. 5. Communicate to identify roles and values of the health care team. 6. Access information and apply to patient scenarios.

## Measure

### 1.1.1 HESI dosage exam

#### Description

Students will take this exam at the end of NRS 122 Principles of Nursing Practice.

## Target

1.1.1.1 Not Reported this Period

### Target

Each student will attain 76% or higher.

### Summary of Findings

### Analysis of Findings

Semester:

Course:

# students:

# met target:

Improvement Type

Improvement Description

Improvement

### 1.1.2 HESI fundamentals exam

#### Description

Students will take this exam at the end of NRS 122 Principles of Nursing Practice.

## Target

1.1.2.1 Not Reported this Period

### Target

Each student will attain 76% or higher

Summary of Findings

Analysis of Findings

Semester:

Course:

# students:

# met target:

Improvement Type

Improvement Description

Improvement

## 1.2 LEVEL TWO OUTCOMES (semester II)

### Description

1. Recognize and assess diverse patients' values, beliefs, and attitudes related to health. 2. Apply safety measures to well patient populations. 3. Implement evidence-based practices in care of well populations across the lifespan. 4. Adhere to policies and procedures in health care delivery settings. 5. Communicate with other health care providers to meet the needs of well patients. 6. Utilize informatics for well patient care.

### Measure

#### 1.2.1 HESI pharmacology exam

##### Description

Students will take this exam at the end of NRS 203 Nursing Pharmacology.

### Target

#### 1.2.1.1 Not Reported this Period

##### Target

Each student will attain 76% or higher.

Summary of Findings

Analysis of Findings

Semester:

Course:

# students:

# met target:

Improvement Type

Improvement Description

Improvement

### 1.2.2 HESI medical/surgical exam

#### Description

Students will take this exam at the end of NRS 201 Health and Illness Concepts I.

### Target

1.2.2.1 Not Reported this Period

Target

Each student will attain 76% or higher

Summary of Findings

Analysis of Findings

Semester:

Course:

# students:

# met target:

Improvement Type

Improvement Description

Improvement

### 1.2.3 HESI health assessment exam

#### Description

Students will take this exam at the end of NRS 204 Assessment and Health Promotion.

### Target

1.2.3.1 Not Reported this Period

## Target

Each student will attain 76% or higher.

## Summary of Findings

## Analysis of Findings

Semester:

Course:

# students:

# met target:

Improvement Type

Improvement Description

Improvement

### 1.3 LEVEL THREE OUTCOMES (semester III)

#### Description

1. Incorporate diverse patient values, beliefs, and attitudes into plan of care for patients with chronic illness. 2. Identify and interpret factors for improvement in patient safety and nursing practice. 3. Utilize an evidence-based practice approach to the delivery and evaluation of nursing care to chronically ill patients across the lifespan. 4. Utilize policies and procedures within the health care setting. 5. Participate as a member of the health care team in the delivery of care. 6. Utilize appropriate technology for the delivery of nursing care to chronically ill patients.

#### Measure

##### 1.3.1 HESI gerontology exam

#### Description

Students will take this exam at the end of NRS 205 Health and Illness Concepts II.

## Target

##### 1.3.1.1 Not Reported this Period

## Target

Each student will attain 76% or higher.

Summary of Findings

Analysis of Findings

Semester:

Course:

# students:

# met target:

Improvement Type

Improvement Description

Improvement

### 1.3.2 HESI psychiatric/mental health exam

#### Description

Students will take this exam at the end of NRS 207 Care of Patients with Chronic Conditions.

## Target

### 1.3.2.1 Not Reported this Period

Target

Each student will attain 76% or higher.

Summary of Findings

Analysis of Findings

Semester:

Course:

# students:

# met target:

Improvement Type

Improvement Description

Improvement

### 1.3.3 HESI maternity/pediatrics exam

#### Description

Students will take this exam at the end of NRS 207 Care of Patients with Chronic Conditions.

## Target

**1.3.3.1** Not Reported this Period

### Target

Each student will attain 76% or higher.

### Summary of Findings

### Analysis of Findings

### Improvement Type

### Improvement Description

### Improvement

## 1.4 LEVEL FOUR OUTCOMES (semester IV)

### Description

1. Integrate diverse patient values, beliefs, and attitudes into plan of care for patients with acute illness. 2. Interpret and analyze factors and system contributions that impact the quality and safety nursing practice. 3. Integrate an evidence-based approach in the delivery and evaluation of nursing care to acutely ill patients across the lifespan. 4. Evaluate the use of policies and procedures within the acute care setting. 5. Effectively collaborate with the health care team in the delivery of patient care. 6. Integrate use of appropriate technology for the delivery of nursing care to acutely ill patients.

### Measure

**1.4.1** HESI management exam

### Description

Students will take this exam at the end of NRS 210 Capstone.

## Target

**1.4.1.1** Not Reported this Period

## Target

Each student will attain 76% or higher

Summary of Findings

Analysis of Findings

Semester:

Course:

# students:

# met target:

Improvement Type

Improvement Description

Improvement

### 1.4.2 HESI critical care exam

#### Description

Students will take this exam at the end of NRS 208 Health and Illness Concepts III.

## Target

### 1.4.2.1 Not Reported this Period

## Target

Each student will attain 76% or higher

Summary of Findings

Analysis of Findings

Semester:

Course:

# students:

# met target:

Improvement Type

Improvement Description

Improvement

### 1.4.3 HESI RN exit exam



### Description

Students will take this exam at the end of NRS 299 NCLEX Review.

### Target

**1.4.3.1** Not Reported this Period

#### Target

Each student will attain 76% or higher

#### Summary of Findings

#### Analysis of Findings

Semester:

Course:

# students:

# met target:

Improvement Type

Improvement Description

Improvement

## Auto Tech (AAS)

2018-19

In Progress

### Program Mission

- 1 Foster high-quality, student-oriented, hands-on learning environments that produce entry-level automotive technicians.

### Learning Outcomes

- 1.1 Demonstrate skills in suspension and steering repair

#### Description

This outcome comes from ASE category A4.

Action Plan

Due Date  
no due date  
set

## Measure

### 1.1.1 Final exam

#### Description

Final exam based on all chapters covering suspension and steering repair.

## Target

### 1.1.1.1 Met

#### Target

#### Summary of Findings

All of the students will achieve 70% or higher.

#### Analysis of Findings

Semester: spring 2019

Course: AT 130

# students: 12

# met target: 10

#### Improvement Type

#### Improvement Description

Improvement

### 1.2 Demonstrate skills in brake repair

#### Description

### 1.3 Demonstrate skills in electrical/electronics systems repair

#### Description

### 1.4 Demonstrate skills in engine performance

#### Description

**1.5** Demonstrate skills in engine repair

Description

**1.6** Demonstrate skills in heating and air conditioning systems repair

Description

**1.7** Demonstrate skills in automatic transmission/transaxle repair

Description

**1.8** Demonstrate skills in manual transmission repair

Description

## Biology (BS)

2018-19

In Progress

### Program Mission

- 1 The aspiration of our department is to prepare students to make contributions to their local communities and beyond as educators, researchers, and professionals.

### Learning Outcomes

**1.1** Write a lab report

Description

Measure

**1.1.1** Lab report rubric

Description

Will assess in BIO 409 Molecular Biology in spring 2019. Will use lab report template from textbook and supply grades as student learning data.

Target

### 1.1.1.1 Met

#### Target

All of the students will achieve 70% or higher

#### Summary of Findings

#### Analysis of Findings

Semester: spring 2019

Course: BIO 409 Molecular Biology

# students = 2

# met target = 2

#### Improvement Type

Academic Process Modifications

#### Improvement Description

Assessment Revision Needed

#### Improvement

Will produce a lab report rubric for 2019-20 and ensure that it is used according to the program profile worksheet.

## 1.2 Conduct a research project

### Description

### Measure

#### 1.2.1 Research project rubric

##### Description

Will assess in BIO electives: BIO 225, 400, 402, 405, 406, 407, and 412. Must consider if and how research project assignment can be done in 413.

### Target

#### 1.2.1.1 Nothing Entered

#### Target

All of the students will average 15 points or higher on a rubric scale of 20-0.

#### Summary of Findings

Analysis of Findings

Semester: Fall 2018

Course: BIO 222

# students: 5

# met target:

Improvement Type

Improvement Description

Improvement

### 1.3 Produce a conference/workshop presentation.

Description

#### Measure

##### 1.3.1 Presentation rubric

Description

Will assess in BIO 408 Nutrition and Obesity.

#### Target

##### 1.3.1.1 Nothing Entered

Target

Each student will score 70% or higher.

Summary of Findings

Analysis of Findings

Improvement Type

Improvement Description

Improvement

### 1.4 Develop and maintain safety protocols and procedures within the work environment.

Description

Action Plan

Due Date  
no due date  
set

## Measure

### 1.4.1 Lab protocol with observational assessment

#### Description

Will assess in BIO 224 Microbiology.

## Target

### 1.4.1.1 Met

#### Target

Students will attain satisfactory or higher.

#### Summary of Findings

#### Analysis of Findings

Semester: spring 2019

Course: BIO 224 Microbiology

# students: 1

# met target 1

#### Improvement Type

Academic Process Modifications

#### Improvement Description

Assessment Revision Needed

#### Improvement

Develop and implement in 2019-20 an appropriate rubric.

### 1.5 Develop a strong work ethic and professionalism.

#### Description

## Measure

### 1.5.1 Observational and self assessments

#### Description

Will assess in BIO electives: BIO 225, 400, 402, 405, 406, 407, and 412. Must consider if and how research project assignment can be done in 413.

Target

## Chemical Engineering (AAS)

2018-19

In Progress

### Program Mission

- 1 The principle mission of the Associate of Applied Science in Chemical Engineering program is to prepare Graduate Chemical Technicians for enter into professional chemical engineering technician practice where they contribute within their community.

### Learning Outcomes

- 1.1 Will be able to obtain a career as a technician in local or national chemical/industrial field that requires understanding the basic analysis and design of chemical process, unit operations, equipment and systems.

Description

Measure

- 1.1.1 Final exams

Description

Target

- 1.1.1.1 Met

Target

Each student will achieve proficient on each criterion or higher.

Summary of Findings

Analysis of Findings

Semester: spring 2019

Course: ChE 224

# students: 2

Pre-test: 0

Post-test: 2

# met target: All of the students meet the expectation

Improvement Type

Improvement Description

Academic Process Modifications

Student Learning Acceptable

Improvement

Based on the assessment outcomes, I will make changes in my teaching methodology.

I might need to make some changes in the Program goals, or anything else to improve student learning. Even if the expectation was met, I believe that more quizzes, test and homework assignments will be useful.

My proposed changes will continue to support my stated program goals and They might be effective.

1.2

Will be able to identify, formulate, and solve basic engineering, math, science and computer technology in chemical engineering.

Description

Action Plan

Planned

Due Date

9/1/2019

Measure

1.2.1

Presentation-by-team rubric

Description

Will be assessed in ChE 231.



## Target

1.2.1.1 Met

### Target

Each student will achieve proficient on each criterion or higher.

### Summary of Findings

#### Analysis of Findings

Semester: spring 2019

Course: ChE 117

# students: 4

Pre-test: 0

Post-test: 4

# met target: 4

All of the students meet my expectation

#### Improvement Type

Academic Process Modifications

#### Improvement Description

Student Learning Acceptable

#### Improvement

The result of the assessment was higher than expected that is very good. All of topics in the course were assessed. The overall outcome was about 85% that was higher than was expected that is very promising.

Test was used to measure the knowledge of the student and was used to measure the student learning outcomes.

Based on my assessment outcomes result, what changes will you make in teaching methodology, Expected course outcomes, or anything else to improve student learning.

Assessment expected outcome was met and was very satisfactory. If I had given more quizzes, homework and midterm test the result was better.

Based on my assessment outcomes, I am going to improve my assessment activities, I

will give more assignment and practice for the better result or outcome.

**1.3** Will act as a liable member of the Dine society through continuous professional, educational, ethical and economic development, and quality, life-long learning based on the Dine cultural principles.

Description

Did not assess in 2018-19.

Action Plan

Planned

Due Date

no due date

set

Measure

**1.3.1** Observations

Description

Will used a checklist.

Target

**1.3.1.1** Not Reported this Cycle

Target

Each student will achieve proficient on each criterion or higher.

Summary of Findings

Analysis of Findings

Improvement Type

Improvement Description

Improvement

## Program Mission

- 1 This program is designed to prepare students for entry-level jobs on the Navajo Nation. Students will be encouraged to continue towards bachelor's degrees in computer science.

## Learning Outcomes

### 1.1 Write sequential programs.

#### Description

#### Measure

#### 1.1.1 Programming & Data Structures Checklist

#### Description

Will assess in CS101 (for the Cert) and CS250 (for the AS).

#### Target

#### 1.1.1.1 Partially Met

#### Target

Each students will achieve 80% or higher.

#### Summary of Findings

#### Analysis of Findings

Semester: spring 2019

Course: CS 101

# students: 9

# met target: 2\*

\*) 2 students have not shown up after midterm;

2 students did not submit the assignment;

1 student copied code from the book, which had nothing to do with the assignment (and got a 0);

Of the 4 remaining students only two met the targer.

Improvement Type  
Academic Process Modifications

Improvement Description  
Expand materials and resources for students on writing citations and using the APA format.

Improvement  
Students must be more disciplined and motivated to learn the material.  
Next year I intend to modify the curriculum to include mandatory lab sessions as part of the programming classes.

## 1.2 Design solutions to computer-related problems.

Description

Measure

### 1.2.1 Assignment with checklist

Description

Target

## 1.3 Develop a technical presentation

Description

Measure

### 1.3.1 Assignment with oral presentation rubric

Description

Target

1.3.1.1 Not Reported this Period

Target

Each student will attain 13 or higher on a rubric scale of 15-0.

Summary of Findings

Analysis of Findings

Improvement Type

Improvement

Improvement Description

## Construction Tech (AAS)

2018-19

In Progress

### Program Mission

- 1 Construction Technology offers specialized instruction in modern techniques of the construction practice. The [mission] of the program is to produce highly competent and technically trained graduates who possess a solid understanding of construction concepts. The program prepares graduates to work with architects, engineers, contractors, and others concerned with construction.

### Learning Outcomes

## Construction Tech (Cert)

2018-19

In Progress

### Program Mission

- 1 Prepare students for first-year apprentice-level employment in residential or light commercial building industry.

### Learning Outcomes

- 1.1 Solve problems.

Description

This outcome is assessed in CT 110.

Measure

- 1.1.1 Course exams

Description

## Target

### 1.2 Demonstrate construction skills

Description

## Measure

#### 1.2.1 Assignments with rubrics

Description

## Target

### 1.3 Implement projects

Description

## Measure

#### 1.3.1 Assignments with rubrics

Description

## Target

### 1.4 Demonstrate safety.

Description

## Measure

#### 1.4.1 Observation checklist

Description

## Target

## Program Mission

- 1 Prepare students for first-year apprentice-level employment in residential or light commercial building industry.

## Learning Outcomes

- 1.1 Solve problems.

### Description

### Measure

- 1.1.1 Performance profile

### Description

Will assess in CT 110 using an NCCER profile rubric. Will gather final project results. Scored pass/fail.

### Target

- 1.1.1.1 Not Reported this Period

### Target

All of the students will pass.

### Summary of Findings

### Analysis of Findings

Semester: Spring 2019

Course: CT 110

# students: 5

# met target: 5

### Improvement Type

### Improvement Description

### Improvement

- 1.2 Demonstrate construction skills.

Description

1.3 Implement projects.

Description

1.4 Demonstrate safety.

Description

## Counseling (AA)

2018-19

In Progress

### Program Mission

1

The mission of the counseling program is to instill in students an understanding of the psychology of drug use, abuse and dependence, and develop the counseling skills to provide entry level therapeutic services to individuals, groups, and families.

### Learning Outcomes

1.1 Analyze frameworks.

Description

Measure

1.1.1 Assignments with rubric

Description

Will be assessed in COU 101 and PSY 210.

Target

1.1.1.1 Met

Target

All COU-101 students will attain 80% or higher.

Summary of Findings



Analysis of Findings

Semester: Spring 2019

Course: COU 101

# students: 6

# met target: 6

Improvement Type

Improvement Description

Improvement

1.1.1.2 Met

Target

All PSY-210 students will attain 80% or higher.

Summary of Findings

All students who submitted the assignment met the target, scoring 80% or higher. Students who failed to meet the target did not submit the assignment after multiple communications from the instructor and/or intervention by academic counselor.

Analysis of Findings

Semester: Fall 2018

Course: PSY 210

# students: 6

# met target: 4

Semester: Spring 2019

Course: PSY 210

# students: 25

# met target: 20

Improvement Type

Improvement Description

Student Services

Increased Participation

Improvement

1.2 Assess clients.

## Description

### Action Plan

Due Date

no due date

set

## Measure

### 1.2.1 Assignment with rubric

Description

Will be assessed in COU-255.

## Target

### 1.2.1.1 Not Reported this Cycle

Target

All students will attain 80% or higher.

Summary of Findings

New course, has not yet been offered. Will be offered for the first time Fall 2019.

Analysis of Findings

Semester: Spring 2019

Course: COU 255

# students: 0

# met target: 0

Improvement Type

Improvement Description

Improvement

### 1.2.2

Description

## Target

### 1.2.2.1 Not Reported this Cycle

## Target

All COU-255 students will achieve 80% or better.

## Summary of Findings

New course, has not yet been offered. Will be offered for the first time Fall 2019.

## Analysis of Findings

Semester: Spring 2019

Course: COU-255

# students: 0

# met target: 0

## Improvement Type

## Improvement Description

Improvement

### 1.3 Develop intervention plans.

#### Description

## Measure

### 1.3.1 Assignment with rubric

#### Description

Will be assessed in COU-210 and COU-220.

## Target

### 1.3.1.1 Not Reported this Cycle

## Target

All COU-210 students will achieve 80% or higher.

## Summary of Findings

COU-210 has not yet been offered. Will be offered Fall 2019.

## Analysis of Findings

Semester: Spring 2019

Course: COU-210

# students: 0

# met target: 0

Improvement Type

Improvement Description

Improvement

### 1.3.1.2 Not Reported this Cycle

Target

All COU-220 students will achieve 80% or higher.

Summary of Findings

COU-220 has not yet been offered. Will be offered Fall 2019.

Analysis of Findings

Semester: Spring 2019

Course: COU-220

# students: 0

# met target: 0

Improvement Type

Improvement Description

Improvement

## 1.4 Role-play crisis situations.

Description

Measure

### 1.4.1 Observation checklist

Description

Will be assessed in COU-235.

Target

### 1.4.1.1 Not Reported this Cycle

Target

All COU-235 students will achieve 80% or higher.

### Summary of Findings

COU-235 is a new course. Will be offered for the first time Fall 2019.

### Analysis of Findings

Semester: Spring 2019

Course: COU-235

# students: 0

# met target: 0

Improvement Type

Improvement Description

Improvement

## 1.5 Demonstrate Diné Philosophy of Education values.

### Description

### Measure

#### 1.5.1 Assignment with rubric

##### Description

Will be assessed in PSY-210 (Developmental Psychology).

### Target

#### 1.5.1.1 Met

##### Target

All PSY-210 students will attain 80% or higher.

### Summary of Findings

Students who submitted the assignment all scored 80% or higher. Students who failed to meet the target did not submit the assignment even after reminders and academic counselor intervention.

### Analysis of Findings

Semester: Spring 2019

Course: PSY 210

# students: 25

# met target: 23

Improvement Type

Student Services

Improvement

Improvement Description

Increased Participation

## Creative Writing & New Media (BFA)

2018-19

In Progress

### Program Mission

- 1 Provide knowledge and skills to qualify students for a variety of post-graduation options, from continuing on to M.F.A. programs to working in the professional fields of publishing, editing, education, filmmaking, web design, and more.

### Learning Outcomes

- 1.1 Write compelling works of literature.

Description

#### Action Plan

Planned

Will agitate with program colleagues to create conditions for program-wide conversations about student learning.

Due Date

9/1/2019

Measure

- 1.1.1 Rubric

Description

“A” will be awarded for writing that demonstrates an exceptional commitment to understanding the elements of form, craft, and technique and attention to audience, and thus the work reads inspired, complex, and thoughtful, is aware of its

goals, has been thought through, is attentive to voice and diction, etc., and ultimately puts the elements to use in terms of what creative writing attempts to accomplish as an art form.

“B” will be awarded for writing that demonstrates above average engagement with the fundamental elements of form, craft, and technique and audience, that read relatively inspired, vaguely complex, even in humor, satire, or daily observations.

“C” will be awarded for writing that demonstrates average engagement with the fundamental elements of form, craft, and technique, that read marginally inspired, obscure, or clichéd.

“D” will be awarded for writing that has clearly been produced minutes or hours before class – that is, work that demonstrates a clear lack of engagement and investment in what is being read, how we’re reading it in class, and the reason why we’re reading it the way we are.

## Target

1.1.1.1 Met

Target

Most students will score “B” or higher.

Summary of Findings

Analysis of Findings

Semester: Fall 2018

Course: ENG 155

Number of students: 1

Number met target: 1

Semester: Fall 2018

Course: ENG 201

Number of students: 2

Number met target: 2

Semester: Fall 2018

Course: ENG 304

Number of students: 1

Number met target: 1

Improvement Type

Improvement Description

Other

Process Improvement

Improvement

**1.2** Demonstrate ability to critique students' own work and the works of others as well as incorporate feedback in revision.

Description

#### Action Plan

Planned

Will agitate with program colleagues to create conditions for program-wide conversations about student learning.

Due Date

9/1/2019

Measure

**1.2.1** Rubric

Description

A - Comments are helpful to the reader: full sentences, fully-explored ideas. Feedback is writer-centric, not commenter-centric. Comments are insightful, specific, and constructive, and indicate clearly what worked well and what could be improved. Writer develops and strengthens creative writing as needed by revising, editing, rewriting, or trying a new approach, focusing on how well purpose and audience have been addressed.



B - Writer-centric comments that sound professional. Comments are not “short and sweet.” Some constructive feedback about what worked well and what could be improved. Writer demonstrates attention to feedback in revision.

C - Feedback is not helpful – too “short and sweet” and commenter-centric. Limited comments about what worked well and what could be improved. Writer demonstrates minimal effort in using feedback to develop and strengthen his or her creative writing.

D - The tone in the vague, commenter-centric is condescending, or too nice, and not professional. Feedback is not useful or specific. Writer does not use feedback to develop or strengthen his or her creative writing at all.

## Target

1.2.1.1 Met

### Target

Most students will score “B” or higher.

### Summary of Findings

#### Analysis of Findings

Semester: Fall 2018

Course: ENG 155

Number of students: 1

Number met target: 1

Semester: Fall 2018

Course: ENG 201

Number of students: 2

Number met target: 2

Semester: Fall 2018

Course: ENG 304

Number of students: 1

Number met target: 1

Improvement Type

Other

Improvement

Improvement Description

Process Improvement

**1.3** Analyze and critically interpret Navajo, Native American, and multicultural literature.

Description

Measure

**1.3.1** Tests; written responses

Description

Target

**1.4** Produce online creative media projects.

Description

Measure

**1.4.1** Rubrics

Description

Target

**1.5** Produce a professional portfolio.

Description

Measure

**1.5.1** Portfolio rubric

Description

See attachment below (CREATIVE WRITING FINAL PORTFOLIO RUBRIC)

## Target

**1.5.1.1** Not Reported this Period

### Target

Most students will score "B" or higher.

### Summary of Findings

### Analysis of Findings

Semester:

Course:

Number of students:

Number met target:

Improvement Type

Improvement Description

Improvement

**1.6** Demonstrate professionalism and collegiality.

### Description

### Action Plan

### Planned

Will agitate with program colleagues to create conditions for program-wide conversations about student learning.

Due Date

9/1/2019

### Measure

**1.6.1** Self-assessments; observations of student performance

### Description

A - The student is consistently a class leader: daily volunteering, sharing ideas and work, asking questions and offering potential answers. She is open-minded,

respecting others' viewpoints and listening to others actively, and empathetically, making eye contact, nodding or responding aloud at appropriate times. The student helps classmates improve their writing giving specific positive feedback and suggestions when they are asked for. She always arrives to class with a positive attitude on time, ready to work and prepared with her notebook, writing utensil, and assignments completed.

B - The student is frequently a class leader and always a positive participator: usually volunteering, sharing ideas and work, asking questions or offering potential answers. He is open-minded, respects others' viewpoints and usually listens to others actively and empathetically, making eye contact or nodding or responding aloud. The student usually helps classmates improve their writing giving specific positive feedback and suggestions when they are asked for. He always arrives to class with a positive attitude on time, ready to work and prepared with his notebook, writing utensil, and assignments completed.

C - The student is usually a positive participator: sharing ideas and work, asking questions and offering potential answers, but often must be asked to share. She is sometimes open-minded, respecting others viewpoints and listening to others actively and empathetically, making eye contact or nodding or responding aloud at appropriate times. Other times, she is talking, giggling or making noise in side conversations. The student sometimes helps classmates to improve their writing but usually gives generic "It was good" comments, examples of how the same thing happened to me or unasked-for suggestions. She arrives to class ready to work, on time and prepared with her notebook, writing utensil, and assignments completed less than 85% of the time.

D - The student rarely voluntarily shares ideas and work, asks questions or offers potential answers. When the others are talking, he is often talking, laughing or daydreaming. The student rarely helps classmates improve their writing more often giving generic "It was good" comments, negative comments, examples of how the same thing happened to me or unasked-for suggestions. He arrives to class ready

to work, on time and prepared with his notebook, writing utensil, and assignments completed less than 70% of the time.

F - The student shares only when required. When the others are talking, she is frequently talking, laughing or daydreaming. The student does not help classmates improve their writing more often giving generic "It was good" comments, negative comments, examples of how the same thing happened to me or unasked-for suggestions. She arrives to class ready to work, on time and prepared with her notebook, writing utensil, and assignments completed less than 60% of the time.

## Target

1.6.1.1 Met

Target

Most students will score "B" or higher.

Summary of Findings

Analysis of Findings

Semester: Fall 2018

Course: ENG 155

Number of students: 1

Number met target: 1

Semester: Fall 2018

Course: ENG 201

Number of students: 2

Number met target: 2

Semester: Fall 2018

Course: ENG 304

Number of students: 1

Number met target: 1

Improvement Type

Other

Improvement

Will agitate with program colleagues to create conditions for program-wide conversations about student learning.

Improvement Description

Process Improvement

## Diné Studies (BA)

In Progress

2018-19

### Program Mission

1

Produce graduates for employment as cultural teachers/instructors/professors, cultural interpreters, cultural social workers, health care workers, community service workers, community liaisons, health educators, various leadership roles and other relevant occupations.

### Learning Outcomes

1.1 Participate in fluent conversations in Navajo

Description

Measure

1.1.1 Oral language interviews

Description

Among fellow students and with instructors.

Target

1.1.1.1 Nothing Entered

Target

TBD

Summary of Findings

No data were gathered. Will consider consolidating outcomes in Fall 2019.

Analysis of Findings

Improvement Type

Improvement Description

Improvement

## 1.2 Read Navajo materials

Description

Measure

### 1.2.1

Description

Target

1.2.1.1 Nothing Entered

Target

Measure was not fully developed. No data were gathered. Will consider consolidating outcomes in Fall 2019.

Summary of Findings

Analysis of Findings

Improvement Type

Improvement Description

Improvement

## 1.3 Demonstrate ability to write in Navajo

Description

Measure

### 1.3.1 Project with rubric

Description

Measure was not fully developed. No data were gathered. Will consider consolidating outcomes in Fall 2019.

## Target

### 1.3.1.1 Nothing Entered

Target

Summary of Findings

Analysis of Findings

Improvement Type

Improvement Description

Improvement

## 1.4 Demonstrate basic understanding of Navajo culture, history, and government

Description

## Measure

### 1.4.1 Presentation rubric

Description

Criteria include: presence, language skills, organization, master of topic, visual aids, and overall impression. The scale goes from 5-0. There are 30 possible points. Data will be gathered in fall 2018 from NAV 410.

## Target

### 1.4.1.1 Partially Met

Target

Measure was not fully developed. Data were incomplete. Will consider consolidating outcomes in Fall 2019.

Summary of Findings

Analysis of Findings

Semester: fall 2018

Course: NAV xxx

# students: 12



# met target: 6

Improvement Type

Improvement Description

Improvement

### 1.5 Analyze the grammatical structure of the Navajo verb

Description

#### Measure

##### 1.5.1

Description

Measure and target were not developed. No data were gathered. Will consider consolidating outcomes in Fall 2019.

#### Target

### 1.6 Organize family- and community-based events for revitalizing Navajo culture

Description

#### Action Plan

Planned

Will review outcome and measure. Will consider consolidating outcomes in Fall 2019.

Due Date

8/30/2019

#### Measure

##### 1.6.1 Research paper

Description

#### Target

1.6.1.1 Partially Met

## Target

Each student will achieve 80% or higher.

## Summary of Findings

## Analysis of Findings

Semester: spring 2019

Course: NAV 410 Cultural Revitalization: Problems, Solutions, and Probabilities

# students: 2

# met target: 2

## Improvement Type

Academic Process Modifications

## Improvement Description

Assessment Revision Needed

## Improvement

### 1.6.2

#### Description

## Target

### 1.7 Analyze leadership skills that promote Dine Philosophy of Education

#### Description

## Measure

### 1.7.1

#### Description

Measure was not fully developed. No data were gathered. Will consider consolidating outcomes in Fall 2019.

## Target

1.7.1.1 Nothing Entered

## Target

## Summary of Findings

Analysis of Findings

Improvement Type

Improvement Description

Improvement

## 1.8 Produce narratives that promote Dine Philosophy of Education

Description

### Action Plan

Planned

Will revise Story Telling Checklist/Rubric. Will consider developing a Presentation Rubric alongside this assignment. Will also develop capacity to post Stories online.

Due Date

8/30/2019

Measure

### 1.8.1 Story writing checklist

Description

Will gather data from NAV 443 Navajo Morals and Ethics.

Target

#### 1.8.1.1 Met

Target

All students will achieve 70% passing or higher.

Summary of Findings

Analysis of Findings

Semester: Spring 2019

Course: NAV 443

# students: 4

# met target: 4

3 out of 4 students received 90% percent or higher

1 out of 4 students received 70% percent or higher

Improvement Type

Improvement Description

Improvement

## 1.9 Produce a professional portfolio that demonstrates workforce readiness

Description

Measure

1.9.1

Description

Measure was not fully developed. No data were gathered. Will consider consolidating outcomes in Fall 2019.

Target

1.9.1.1 Nothing Entered

Target

Summary of Findings

Analysis of Findings

Improvement Type

Improvement Description

Improvement

## Early Childhood & Multicultural Education (BS)

2018-19

In Progress

### Program Mission

1

Educate students to become proficient in Early Childhood Profession, to advocate for their safety, health, and well-being of all children from birth to eight years old. To have students learn and demonstrate the core competencies using

the Diné Philosophy of Education so they can interact effectively with children.

## Learning Outcomes

1.1 Demonstrate familiarity with principles of child development.

Description

1.2 Demonstrate familiarity with basic principles of ECME administration.

Description

1.3 Implement lessons.

Description

### Measure

1.3.1 NM-ATF lesson plan rubric for Birth-3rd

Description

Will assess candidates' final lesson plans.

### Target

1.3.1.1 Not Reported this Period

Target

Each student will average 17 points or higher on a rubric scale of 21-0.

Summary of Findings

Analysis of Findings

Semester: fall 2018

Course: ECM 492

# students: 4

# target:

Semester: spring 2019

Course: ECM 225

# students: 12

# target:

Improvement Type

Improvement Description

Improvement

#### 1.4 Implement instructional units.

Description

#### 1.5 Build family and community collaborations.

Description

Will utilize project assignment in ECME 116. Taught by Della Begay. Rubric is attached.

### Measure

#### 1.5.1 Oral presentation rubric

Description

From ECM 116. Oral presentation rubric. Gathered from internet search. Criteria include: terminology, topic/content, overview, and powerpoint/flip chart.

### Target

#### 1.5.1.1 Not Met

Target

All of the students will average 80 points or higher on the full rubric score.

Summary of Findings

Analysis of Findings

Semester: Fall semester

Course: ECM 116

# of students: 5

# met target: 4

Improvement Type

Improvement Description

Improvement

**1.6 Integrate Diné Philosophy of Education into EC programming.**

Description

**Measure**

**1.6.1 Portfolio**

Description

**Target**

**1.6.1.1** Not Reported this Period

Target

Each student will achieve 80 out of 100 possible points on a portfolio rubric.

Summary of Findings

Analysis of Findings

Improvement Type

Improvement Description

Improvement

**1.7 Demonstrate confidence, competence, and compassion.**

Description

**Electrical Trades (Cert)**

**2018-19**

In Progress

**Program Mission**

1

To educate our students and provide them with the skills needed to meet high standards of excellence in Residential and Commercial wiring. To teach and pass along the knowledge gained through our hands-on training and expertise of employment.

**Learning Outcomes**

**1.1 Retain understanding of trade terms and symbols.**

Description

Action Plan

Planned

Will develop terminology quizzes for each chapter.

Due Date

8/30/2019

Measure

**1.1.1 Quizzes and exams**

Description

Data was gathered from ELC 101 in Spring 2019.

Target

**1.1.1.1 Partially Met**

Target

Each student will score 70% or higher

Summary of Findings

Analysis of Findings

Semester: Spring 2019

Course: ELC 101

# students: 10

# met target: 5

Five received incompletes.

Improvement Type

Improvement Description

Improvement

**1.2 Complete unit-based performance tasks.**



## Description

### Action Plan

#### Planned

Will research use of breadboards, resistors, and power sources for supplementing hands-on instruction.

#### Due Date

4/1/2020

#### Budget Source

*Carl Perkins*

#### Dollar Amount

\$20,000.00

## Measure

### 1.2.1 Performance assessment

#### Description

Data will be gathered from ELC 101 related to module 12.

## Target

### 1.2.1.1 Met

#### Target

All the students must score 100% (set by the NCCER standard)

#### Summary of Findings

#### Analysis of Findings

Semester: Spring 2019

Course: ELC 101

Number of students: 10

Number of students met the target: 8

Student Average: 80%

#### Improvement Type

Change Assessment Methodology

#### Improvement Description

Requested additional fiscal resources

#### Improvement

Last year, said we were going to research use of breadboards, resistors, and power

sources for supplementing hands-on instruction: \$2,000 per student. Did not happen.

### 1.3 Apply knowledge of math and electrical theory.

#### Description

Test results from chapter five.

#### Measure

##### 1.3.1 Checklist and observation

#### Description

Data was gathered from ELC 111, chapter five.

#### Target

##### 1.3.1.1 Met

#### Target

Each student will achieve 70% or better.

#### Summary of Findings

#### Analysis of Findings

Semester: Spring 2019

Course: ELC 111

Number of students: 8

Number of students met the target: 6

Student Average: 73%

#### Improvement Type

#### Improvement Description

Improvement

None needed.

### 1.4 Complete a commercial wiring capstone project.

#### Description

Students complete wiring project in ELC 112.

## Action Plan

### Planned

Purchase enclosed job trailer for on-site capstone projects.

Due Date

4/1/2020

Budget Source

*Carl Perkins*

Dollar Amount

\$5,000.00

### Measure

#### 1.4.1 Observations and self-assessments

##### Description

Visual inspection of field-based wiring project. Focuses on pipe-bending. Students pass or fail. Students work with 1800 series (Chicago bender), 555 classic bender, programmable electric conduit bender (855 GX), 881 hydraulic bender with table and pump, and rigid pipe threader.

### Target

#### 1.4.1.1 Met

##### Target

All of the students' work will pass instructors' visual inspection and demonstrate safe practices.

##### Summary of Findings

##### Analysis of Findings

Semester: Spring 2019

Course: ELC 101 and ELC 111

# students: 8 & 10 in each class, 18 overall

# met target: all

##### Improvement Type

Assessment Process Modifications

##### Improvement Description

Assessment Method Revised

##### Improvement

Did develop and implement observation checklist for review with students prior to

field-based work. Included students' self-assessment for them to complete after each project.

## 1.5 Demonstrate professionalism.

### Description

Students will write a professional resume in CT 103, module 7, "Basic Communications Skills."

### Measure

#### 1.5.1 Resume rubric

##### Description

### Target

#### 1.5.1.1 Met

##### Target

Students will complete a professional resume based on checklist in the textbook.

##### Summary of Findings

##### Analysis of Findings

Semester: Spring 2019

Course: CT 103

# students: 9

# met target: 8

##### Improvement Type

Assessment Process Modifications

##### Improvement Description

Assessment Method Revised

##### Improvement

Took a rubric from Skills USA. Next year, will be more intentional in applying that rubric.

## 1.6 Demonstrate safety.

## Description

### Measure

#### 1.6.1 Tests

##### Description

Administered ELC 101. Module one. Covers theory of safety.

### Target

#### 1.6.1.1 Met

##### Target

All students will average 70% or higher.

##### Summary of Findings

##### Analysis of Findings

Semester: Spring 2019

Course: ELC 101

# students: 13

# met target: 11

Student average = 83%

##### Improvement Type

Process Revision

##### Improvement Description

Other

##### Improvement

None needed.

#### 1.6.2 Observations

##### Description

Data will be taken from ELC 102 Lab I and ELC 112 Lab II.

### Target

#### 1.6.2.1 Met

##### Target

Summary of Findings

Analysis of Findings

Semester: Spring 2019

Course: ELC 102 Lab

# students: 14

# met target: 14

Class average: 100%

Semester: Spring 2019

Course: ELC 112 Lab

# students: 8

# met target: 8

Class average: 100%

Improvement Type

Improvement Description

Process Revision

Other

Improvement

Continue to stress safety. Did not develop a safety award system but have opportunity to do so next year. Students will monitor each other's work. When one student finds another engaging in unsafe practices, she or he will earn points that earn tools.

## Energy Systems (AAS)

2018-19

In Progress

### Program Mission

1

This program prepares students to harness the earth's renewable energy sources.

### Learning Outcomes

1.1 Demonstrate technical skills.

Description

Will assess in ERS 102

## Measure

### 1.1.1 Sugar shack project checklist

Description

## Target

### 1.1.1.1 Met

Target

Each student will attain B or higher on the checklist (which means 13 or higher on scale of 0-18)

Summary of Findings

Analysis of Findings

Semester:

Course: ERS 102

# students: 2

# met target: 2

Improvement Type

Budget

Improvement Description

Curricular change to a degree program (added a course or other requirement, changed sequence or courses).

Improvement

No improvements needed moving forward.

### 1.2 Write a product analysis.

Description

### 1.3 Develop a presentation.

Description

Will assess in ERS 115 Systems Control using preexisting rubric. See below in Project

## Attachments.

### Action Plan

Planned

Due Date

8/30/2019

### Measure

#### 1.3.1 Powerpoint presentation checklist

Description

### Target

#### 1.3.1.1 Partially Met

Target

Each student will score 12 or higher (equivalent to B) on a rubric scale of 0-15.

Summary of Findings

Analysis of Findings

Semester: Spring 2019

Course: ERS 115

# students: 2

# met target: 1

Improvement Type

Improvement Description

Process Revision

Other

Improvement

Will continue to agitate for lab space for new assigned classroom.

Didn't have enough data to make a strong recommendation for improvement.

#### 1.4 Design a solution.

Description



## Program Mission

The Environmental Science and Natural Resources Bachelor of Science degree program focuses on Environmental and Natural Resources management with an emphasis on environmental regulations compliance. The program is designed to meet the needs of tribal, state, and federal environmental and natural resources management and enforcement entities. The program provides a broad background in natural resources management, covering natural science courses, chemistry, mathematics, statistics, environmental law, and regulations enforcement. The program focuses on addressing environmental and natural resources management in Native American communities and homelands.

## Learning Outcomes

1.1 Write research papers with correct scientific documentation and organization.

### Description

### Measure

1.1.1 Research paper checklist

### Description

Will assess at AAS level in ENV 289 Natural Resources II.

Will assess at BS level in ENV 464 Capstone.

### Target

1.1.1.1 Met

### Target

Each student will attain 80% or higher on the checklist.

### Summary of Findings

### Analysis of Findings

Semester: spring 2019

Course: ENV 464 Capstone

# students: 3

# met target: 2

The students who met the target earned B's. Grade consisted of two parts: first part = formal presentation of results (15%), second part = scientifically written report (85%). Written report had to include minimum of 18 pages plus literature citations. Had to include: abstract, intro, discussion, results, conclusion, literature citations.

Improvement Type

Improvement Description

Academic Process Modifications

Assessment Revision Needed

Improvement

Continue with assessment.

**1.2** Conduct an oral presentation using PowerPoint, Youtube, and handouts.

Description

Measure

**1.2.1** Oral presentation rubric

Description

Will assess at AAS level in ENV 289 Natural Resources II.

Will assess at BS level in ENV 464 Capstone.

Target

**1.2.1.1** Met

Target

Each student will attain 80% or higher on the checklist.

Summary of Findings

Analysis of Findings

Semester: Spring 2019

Course: ENV 464 Capstone

# students: 3

# met target: 2

The students who met the target earned B's. Grade consisted of two parts: first part = formal presentation of results (15%), second part = scientifically written report (85%). Written report had to include minimum of 18 pages plus literature citations. Had to include: abstract, intro, discussion, results, conclusion, literature citations.

Improvement Type

Improvement Description

Improvement

Continue with assessment.

### 1.3 Write field-based lab reports.

Description

Measure

#### 1.3.1 Lab report rubric

Description

Will assess at BS level in ENV 365 Natural Resources Management with Lab.

Target

1.3.1.1 Nothing Entered

Target

Each student will attain 80% or higher on the checklist.

Summary of Findings

Analysis of Findings

Semester:

Course:

# students:

# met target:

Semester:

Course:

# students:

# met target:

Improvement Type

Improvement Description

Improvement

#### 1.4 Demonstrate professional accountability.

Description

Measure

##### 1.4.1 Professionalism observation checklist

Description

Not assessed in 2018-19

Target

## GED

In Progress

2018-19

### Program Mission

- 1 Adult Basic Education is committed to adult learners to enter higher levels of self-reliance and employment opportunities. With the knowledge obtained, adult students will exercise choices and options with effective and productive lifestyles based on Diné cultural principles: Nitsáhákees, Nahat'á, liná, and Sihasin.

### Learning Outcomes

#### 1.1 Read a variety of reading materials.

Description

Action Plan

Due Date  
no due date  
set

## Measure

### 1.1.1 HiSET language arts-reading test

#### Description

Will use HiSET online practice test, v. 2018. Will use Pearson Vue practice tests online.

## Target

### 1.1.1.1 Partially Met

#### Target

Student will score 10 or more on the HiSET or 150 or more on the Pearson Vue.

#### Summary of Findings

Success rate = 30%

#### Analysis of Findings

Semester: fall 2018

# students: 21

# met target: 6

Semester: spring 2019

# students: 22

# met target: 7

#### Improvement Type

Academic Process Modifications

Improvement

#### Improvement Description

Attendance

## 1.2 Edit written text

### Description

## Measure

### 1.2.1 HiSET writing test

Description

## Target

1.2.1.1 Not Reported this Period

Target

Will use HiSET online practice test, v. 2018. Will use Pearson Vue practice tests online.

Summary of Findings

Analysis of Findings

Improvement Type

Improvement Description

Improvement

## 1.3 Write an essay

Description

### Action Plan

Due Date

no due date

set

## Measure

### 1.3.1 HiSET essay writing rubric

Description

## Target

1.3.1.1 Not Reported this Period

Target

Will use HiSET online practice test, v. 2018. Will use Pearson Vue practice tests online.

Summary of Findings

Analysis of Findings

Improvement Type

Improvement Description

Improvement

## 1.4 Demonstrate math competencies

Description

Measure

### 1.4.1 HiSET math test

Description

Target

1.4.1.1 Not Reported this Period

Target

Will use HiSET online practice test, v. 2018. Will use Pearson Vue practice tests online.

Summary of Findings

Analysis of Findings

Improvement Type

Improvement Description

Improvement

## 1.5 Apply scientific concepts

Description

Measure

### 1.5.1 HiSET science test

Description

Target

**1.5.1.1** Not Reported this Period

Target

Will use HiSET online practice test, v. 2018. Will use Pearson Vue practice tests online.

Summary of Findings

Analysis of Findings

Improvement Type

Improvement Description

Improvement

**1.6** Use social studies content knowledge

Description

Measure

**1.6.1** HiSET social studies test

Description

Target

**1.6.1.1** Not Reported this Period

Target

Will use HiSET online practice test, v. 2018. Will use Pearson Vue practice tests online.

Summary of Findings

Analysis of Findings

Improvement Type

Improvement Description

Improvement



# Program Mission

1 Prepare tomorrow's Hotel and Restaurant leaders for the Diné Navajo.

## Learning Outcomes

1.1 Demonstrate familiarity with business theories and models.

### Description

Will be assessed in CUL 208 Management & Supervision and CUL 347 Facilities Management.

### Measure

1.1.1 Pre and Post Test

### Description

Data will be gathered CUL 208 and CUL 347.

### Target

1.1.1.1 Not Reported this Period

### Target

All of the students will achieve 80% or higher.

### Summary of Findings

### Analysis of Findings

### Semester

### Course

### #Students

### #Met target

### Improvement Type

Academic Process Modifications

### Improvement Description

Attendance

### Improvement

Put students on attendance contracts.

1.2 Write a report.

Description

**1.3** Develop an oral presentation.

Description

**1.4** Analyze financial data.

Description

**1.5** Develop a business plan.

Description

**1.6** Demonstrate professionalism.

Description

## Information Technology (AAS)

2018-19

In Progress

### Program Mission

**1** Prepare students for immediate and continuing employment opportunities in the broad disciplines of information technology and computer support.

### Learning Outcomes

**1.1** Apply current IT concepts and practices.

Description

Measure

**1.1.1** Assignment with rubric

Description

Will assess in IT 280 Project Management.

Target

**1.1.1.1** Not Reported this Period

Target

All students will achieve proficient or higher.

Summary of Findings

Analysis of Findings

Improvement Type

Improvement Description

Improvement

**1.2** Develop IT solutions.

Description

Will assess in IT 280 Project Management.

Measure

**1.2.1** Assignment with rubric

Description

Target

**1.2.1.1** Not Reported this Period

Target

All students will achieve proficient or higher.

Summary of Findings

Analysis of Findings

Semester:

Course:

# students:

# met target:

Improvement Type

Improvement Description

Improvement

### 1.3 Analyze impacts of technology.

#### Description

#### Measure

##### 1.3.1 Oral presentation rubric

#### Description

Will assess in IT 280 Project Management.

#### Target

1.3.1.1 Not Reported this Period

#### Target

All students will achieve B (13-12 points on rubric scale of 15-0).

#### Summary of Findings

#### Analysis of Findings

Semester:

Course:

# students:

# met target:

Improvement Type

Improvement Description

Improvement

## Information Technology (BS)

2018-19

In Progress

### Program Mission

The Information Technology Systems department will provide technology-related services of the highest quality in the most cost-effective manner to facilitate the mission of the University as it applies to management, teaching, learning, research, student services, and community service. To accomplish this, the Information Technology Systems department shall: provide a reliable, robust,

1

and secure technological infrastructure support the use of technology to enable academic innovation in the areas of traditional and on-line teaching and learning facilitate the collection, storage, security, integrity, and access of electronic data anticipate and satisfy the needs of the College and community in a timely and efficient manner develop and foster a community that is adaptable to technological changes and resilient to technological mishaps and disasters promote a high level of employee dedication to provide professional customer service, support, and satisfaction provide leadership for effective strategic and tactical planning in the use of technology.

## Learning Outcomes

### 1.1 Apply current IT concepts and practices

#### Description

The students should be able to acquire the IT skills, implement the acquired concepts and practice in problem solving

#### Measure

##### 1.1.1 Exams

#### Description

IT 142 and IT 405

example: final exam of IT 142 from the first semester

IT 405 final exam from the 6th semester

#### Target

##### 1.1.1.1 Partially Met

#### Target

All students should pass the exam with 80%.

#### Summary of Findings

#### Analysis of Findings

Semester: fall 2018

Course: IT 142

# students: 19

# met target: 9

Semester Course

Semester: Spring 2019

Course: IT 142

# students: 2

# met target:

Improvement Type

Improvement Description

Improvement

### 1.2 Develop IT solutions

Description

Measure

#### 1.2.1 Projects with rubric

Description

Target

### 1.3 Analyze impacts of technologies

Description

Measure

#### 1.3.1 Research paper with rubric

Description

Target

**Law Advocate (AAS)**

In Progress

**2018-19**

Program Mission

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1

The mission of the Law Advocate program within the Navajo Technical University is to provide the students with a broad introduction, in depth knowledge, and practical skills needed to enable the students to take and pass the Navajo Nation Bar Exam or pursue other careers in the legal field.

The legal profession is at its core about helping people and their organizations solve problems. Because the risk of harm is so high, the practice of law is regulated so that only licensed professionals are entitled to offer advice and assistance to the public. The license is earned by passing an exam, known as the Bar Exam, a comprehensive test that measures an individual's competency on a wide range of subjects. The Law Advocate program strives to provide students with the knowledge and skills they need to pass the Navajo Nation Bar Exam and provide competent services to their clients.

## Learning Outcomes

### 1.1 Demonstrate knowledge of Navajo Nation black letter law

#### Description

#### Action Plan

Due Date

no due date

set

#### Measure

### 1.1.1 Course exams and Navajo Nation Bar Exam

#### Description

LAW 101 Introduction to Law

LAW 103 Criminal Law

LAW 106 American Indian Law

LAW 1112 Evidence

LAW 113 Domestic Relations and Family Law

LAW 201 Consumer Law

LAW 202 Procedure in Criminal and Civil Cases

LAW 203 Business Law

LAW 204 Advanced Business Law

LAW 211 Administrative Law  
LAW 205 Professional Responsibility and Ethics  
LAW 225 Navajo Nation Bar Review

## Target

**1.1.1.1** Not Reported this Period

### Target

Each student will achieve 80% or higher on each test

### Summary of Findings

#### Analysis of Findings

Semester: fall 2018

Course: LA 203

# students: 16

# met target:

Improvement Type

Improvement Description

Improvement

## **1.2** Demonstrate familiarity with the Fundamental Law of the Dineh

### Description

Demonstrate knowledge of the Fundamental Law of the Dineh

## Measure

### **1.2.1** Course exams and the Navajo Nation bar exam

#### Description

LAW 101 Introduction to Law

LAW 103 Criminal Law

LAW 113, Domestic Relations and Family Law

LAW 106, American Indian Law

LAW 212, Trial Practice

LAW 2015 Professional Responsibility and Ethics



## Target

### 1.3 Analyze client needs

#### Description

Analyze client needs

## Measure

### 1.3.1 Course exams

#### Description

LAW 101, Introduction to LAW

LAW 103 Criminal Law

LAW 113 Domestic Relations and Family Law

LAW 201 Consumer Law

LAW 203 Business Law

Law 204 Advanced Business Law

Law 211 Administrative Law

## Target

### 1.4 Write effective legal pleadings

#### Description

LAW 104 Legal Research and Writing LAW 105 Advanced Legal Research and Writing

LAW 202 Procedure in Criminal and Civil Cases

## Measure

### 1.4.1 Writing rubric

#### Description

Legal Writing Rubric

Law Advocate Program

Student: Evaluator: Date:

Criteria Emerging (1) Developing (2) Proficient (3) Scores & specific comments

Organization ? Document does not follow format

? Paragraph organization usually ineffective ? Document mostly follows requested format

? Paragraph organization usually effective ? Document follows requested format

? Paragraphs organized to communicate logical progression

Facts ? Lacks many material facts

? Includes many extraneous facts

? Omits most unfavorable facts

? Disorganized and hard to follow or read ? Includes some material facts

? Excludes most extraneous facts

? Omits some unfavorable facts

? Organized in a reasonably logical fashion ? Includes all material facts

? Excludes extraneous facts

? Includes unfavorable and favorable facts

? Organized in logical fashion

Cause of action ? Rules, including sub-rules/sub-elements/sub-issues and exceptions missing or inaccurate

? Selects few appropriate authorities

? Applies weight of authority inaccurately

? Describes the rules without using authorities

? Lacks explaining reasons for the rules

? Lacks showing how the analysis applies to facts

? Lacks explaining why the analysis applies to facts

?? Accurately identifies important rules, including sub-rules/sub-elements/sub-issues and exceptions – missing nuances

? Selects mostly appropriate authorities

? Applies weight of authority mostly accurately

? Describes the rules using authorities

? Explains some of the reasons for the rules

- ? Somewhat shows how the analysis applies to facts
- ? Somewhat explains why the analysis applies to facts ? Accurately identifies rules, including sub-rules/sub-elements/sub-issues and exceptions
- ? Selects appropriate authorities
- ? Accurately applies weight of authority
- ? Describes the rules using authorities
- ? Explains the reasons for the rules
- ? Shows how the analysis applies to facts
- ? Explains why the analysis applies to facts
- Overall comments
- Reader's initials

Scale: 15-14 = A; 13-12 = B; 11-10 = C; 8-9 = D; less than 8 = F

## Target

1.4.1.1 Not Reported this Period

Target

Summary of Findings

Analysis of Findings

Improvement Type

Improvement Description

Improvement

1.4.1.2 Not Reported this Period

Target

After successful completion of the program, 90% of students will be able to draft a legally sufficient pleading

Summary of Findings

Analysis of Findings

Improvement Type

Improvement Description

Improvement

## 1.5 Make formal court arguments

### Description

LAW 212 Trial Practice LAW 112 Evidence LAW 202 Procedure in Criminal and Civil Cases

### Measure

#### 1.5.1 Observation assessment

##### Description

Observation assessment

### Target

## 1.6 Demonstrate professionalism

### Description

LAW 104 Legal Research and Writing LAW 105 Advanced Legal Research and Writing  
LAW 205 Professional Responsibility and Ethics

### Measure

#### 1.6.1 Observatioin assessments and self assessments

##### Description

### Target

## Law Enforcement (AAS)

In Progress

2018-19

### Program Mission

1

The Law Enforcement Certificate program is designed for students who are interested in careers in the Criminal Justice system, including law enforcement, the courts, probation, parole, corrections, and social service agencies that support the criminal justice system.

# Learning Outcomes

## 1.1 Be familiar with police fundamentals and procedures

### Description

### Measure

#### 1.1.1 Quizzes and tests

##### Description

Final exam data will be gathered from PS 260.

### Target

1.1.1.1 Not Reported this Period

#### Target

All of the students will attain "C" or better (70%)

#### Summary of Findings

#### Analysis of Findings

Semester: fall 2018

Course: PS 260

# students: 2

# met target: 2

#### Improvement Type

Academic Program Improvement

Improvement

#### Improvement Description

Improved Course Assignments

## 1.2 Write a report

### Description

Data will be gathered from PS 103

### Action Plan

Due Date  
no due date  
set

## Measure

### 1.2.1 Vocabulary test for police reports

#### Description

Will happen in PS 103.

## Target

### 1.2.1.1 Not Reported this Period

#### Target

All of the students will attain 70% or higher.

#### Summary of Findings

#### Analysis of Findings

PS 103 was not offered in 2018-19 (not enough students in spring 2019).

#### Improvement Type

#### Improvement Description

Improvement

### 1.2.2 Report writing rubric

#### Description

In PS 103 students will write a police report based on police video clips.

## Target

### 1.3 Conduct a presentation

#### Description

Students will deliver an oral presentation with a Powerpoint file (or something similar) as a communication aid. They will work in pairs or groups of three.

## Measure

### 1.3.1 Oral presentation (by group) rubric

#### Description

Will use NTU's oral presentation by group rubric.

### Target

1.3.1.1 Not Reported this Period

#### Target

Each pair or group will attain "B" or higher (at least 13 on a scale of 0-18)

#### Summary of Findings

#### Analysis of Findings

Semester: fall 2019

Course: PS123

# students = ?

# met target = ?

Improvement Type

Improvement Description

Improvement

### 1.4 Role-play a critical situation

#### Description

### Measure

1.4.1

#### Description

Student will complete a self assessment.

### Target

### 1.5 Demonstrate professionalism

#### Description

Student Self-Assessment

# Mathematics (AS & Cert)

2018-19

In Progress

## Program Mission

- 1 Prepare graduates for gainful employment as teachers, mathematicians, statisticians, financial analysts, consultants, engineers, physicians, lawyers, and researchers.

## Learning Outcomes

- 1.1 Demonstrate knowledge of math foundations and context.

### Description

This learning outcome is assessed in Math 121 (College algebra)

### Action Plan

In Progress

Orientation and expectations are discussed in the syllabus.

Due Date

no due date

set

### Measure

- 1.1.1 Written exams and powerpoint presentations of solving real life problems in varied mathematical ways.

### Description

### Target

- 1.1.1.1 Not Reported this Period

Target

Students should achieve at least 70% on final exam scores and C or higher on the rubrics specified for the of the presentation.

Summary of Findings



Analysis of Findings

Semester: Spring 2019

Course: MTH-121-1

# declared MTH majors: 0

# met target:

# ENGR students: 22

# met target: 14

Improvement Type

Improvement Description

Academic Process Modifications

Attendance

Improvement

Will stress attendance in the future

## 1.2 Perform computations.

### Description

This outcome is assessed in Math 150 (Pre-Calculus).

### Action Plan

In Progress

Orientation and expectations are discussed in the syllabus.

Due Date

no due date

set

### Measure

#### 1.2.1 Exams

##### Description

Exams and oral presentations in the class showing mathematical computations to solve real life problems in varied ways. Provided by Mohamed.

### Target

1.2.1.1 Met

### Target

Students should achieve at least 70% on written exam scores and 70% of total score based on the rubrics specified for the of the presentation.

### Summary of Findings

In progress

### Analysis of Findings

Semester: spring 2019

Course: Math 150 (Pre-Calculus).

# declared MTH majors: 1

# met target: 1

# other majors students: 1

# met target: 1

### Improvement Type

Academic Process Modifications

### Improvement Description

Attendance

### Improvement

So far, we did a very good job when it come to attendance in the Spring 2019, and we are going to emphasize it more next semester.

## 1.3 Analyze proofs.

### Description

This learning outcomes will be analyzed in Mth 123 Trigonometry.

### Action Plan

### In Progress

### Due Date

no due date

set

### Measure

#### 1.3.1 Final exams

## Description

### Target

1.3.1.1 Met

#### Target

Students should achieve at least 70% on written exam scores.

#### Summary of Findings

Semester:

#### Analysis of Findings

Semester: Spring 2019

Course: MTH 123 1

# declared MTH majors 0

# met target: 0

# Other students: 8

# met target: 4

Semester: Spring 2019

Course: MTH 123 2

# declared MTH majors 1

# met target: 1

# Other students: 8

# met target: 5

Improvement Type

Academic Process Modifications

Improvement Description

Attendance

Improvement

Will stress attendance in the future

1.4 Solve problems.

## Description

This learning outcome is assessed in MTH 163 Calculus II.

## Action Plan

In Progress

Due Date

no due date

set

Measure

### 1.4.1 Problem solving rubric

Description

Exams and oral presentations in the class showing varied mathematical methods to solve real life problems.

Target

#### 1.4.1.1 Met

Target

Students should achieve at least 70% on written exam scores and 70% of total score based on the rubrics specified for the presentation

Summary of Findings

In progress

Analysis of Findings

Semester: Spring 2019

Course: Calculus 2

# students: 2

# met target: 0

Improvement Type

Academic Process Modifications

Improvement Description

Action Plan implemented; will assess next semester

Improvement

Online resources such as WebAssign is utilized in the spring 2019.

Math interns were hired to tutor students.

project is assigned to all students.

## 1.5 Use technology to address mathematical ideas.

### Description

This learning outcome will be assessed in in MTH 410 Linear Algebra).

### Measure

1.5.1 Exams and presentations in the class showing the use technology in varied ways to address mathematical ideas .

### Description

### Target

1.5.1.1 Not Reported this Period

### Target

Students should achieve at least 70% on written exam scores and 70% of to total score based on the rubrics specified for the of the presentation

### Summary of Findings

In progress

### Analysis of Findings

Semester: Spring 2019

Course: Linear algebra

# students: 5

# met target: 5

### Improvement Type

Academic Process Modifications

### Improvement Description

Incorporate more resources for students

### Improvement

Online resources such as WebAssign is utilized in the spring 2019,

Math interns were hired to tutor students.

Project is assigned to all students.

# Pre-Nursing (Cert)

2018-19

In Progress

## Program Mission

- 1 Prepare students with the knowledge, skills, and professionalism that will contribute to the successful completion of state certification.

## Learning Outcomes

# Public Administration (AAS)

2018-19

In Progress

## Program Mission

- 1 Public Administration program strives to provide an associate degree to assist students in providing value to the Dine community. This program allows students to foster cultural and environmental preservation and sustainable economic development through developing marketable skills for jobs in Public Administration. This degree can help students prepare for employment as public servants on the Navajo Nation. The Public Administration program enriches NTU's strategic plan by committing to academic excellence by providing leadership and educational support based on the Dine Philosophy of Education.

## Learning Outcomes

- 1.1 Become familiar with the social forces that affect the creation of public policies

Description

Measure

- 1.1.1 Pre and Post Tests

Description

Target

- 1.1.1.1 Not Reported this Period

Target

All students will demonstrate significant gain.

Summary of Findings

Analysis of Findings

Semester:

Course:

Number of students:

Number met target:

Improvement Type

Improvement Description

Improvement

**1.2** Participate in a policy analysis

Description

Measure

**1.2.1** Policy Analysis Rubric

Description

Target

**1.2.1.1** Not Reported this Period

Target

All students will demonstrate significant gain.

Summary of Findings

Analysis of Findings

Semester:

Course:

Number of students:

Number met target:

Improvement Type

Improvement Description

Improvement

### 1.3 Develop an oral presentation

Description

#### Measure

##### 1.3.1 Oral Presentation Rubric

Description

#### Target

1.3.1.1 Not Reported this Period

Target

All students will demonstrate significant gain.

Summary of Findings

Analysis of Findings

Semester:

Course:

Number of students:

Number met target:

Improvement Type

Improvement Description

Improvement

### 1.4 Analyze, synthesize, think critically, solve problems, and make decisions

Description

#### Measure

##### 1.4.1 Pre and Post Tests

Description

#### Target



**1.4.1.1** Not Reported this Period

Target

All students will demonstrate significant gain.

Summary of Findings

Analysis of Findings

Semester:

Course:

Number of students:

Number met target:

Improvement Type

Improvement Description

Improvement

**1.5** Write effectively

Description

Measure

**1.5.1** Written Report Rubric

Description

Target

**1.5.1.1** Not Reported this Period

Target

All students will demonstrate significant gain.

Summary of Findings

Analysis of Findings

Semester:

Course:

Number of students:

Number met target:

Improvement Type

Improvement Description

Improvement

**1.6** Demonstrate professionalism (including ethics)

Description

Measure

**1.6.1** Ethical Decision Making Rubric & Self Assessment Rubric

Description

Target

**1.6.1.1** Not Reported this Period

Target

All students will demonstrate significant gain.

Summary of Findings

Analysis of Findings

Semester:

Course:

Number of students:

Number met target:

Improvement Type

Improvement Description

Improvement