University of Alaska Southeast
HEALTH SCIENCES
2005-2006 Student Learning Outcomes

Prepared by
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MISSION STATEMENT

The Health Sciences department is dedicated to providing quality learning opportunities in supportive environments where students can acquire pre-requisite course work, specific job related skills and professional direction toward careers in the health care industry.

The Health Sciences department offers quality learning opportunities by providing small class size, individualized advisement and experienced instructors.

The Health Sciences department provides the tools, knowledge, and clinical opportunities that enable students to attain entry level employment and to develop professionally.

The Health Sciences department offers courses designed to meet the diverse needs of the students preparing to enter diverse health care related professions.

The following ten criteria will enable the department to complete the mission

1. Develop, offer, and promote courses which train students for entry level positions in the workplace.

2. Provide courses that enable students to upgrade existing skills or retrain for changing job markets.

3. Offer courses that are required by the Associate of Applied Science in Health Sciences degree or are needed by other departments or disciplines for completion of a program.

4. Use the expertise of local industry to maintain course relevancy by active participation of the Health Sciences department advisory group.

7. Develop and maintain excellent working relationships with the health care community, high school, and partnerships with other UA MAUs.

8. Provide and encourage internship experiences that develop the bridge between student and workplace.

9. Recruit and retain the best possible full time and adjunct facility and provide professional development opportunities as needed to keep skills current.

10. Provide a student friendly and nurturing atmosphere in the classroom and lab.

The UAS Health Sciences Assessment is divided into Student Assessment and Program Assessment.

Student Assessment – All Programs

(Student learning outcome mapping matrices attached in appendix0

STUDENT LEARNING GOALS:

Goal #1:

The AAS in Health Sciences will prepare students for career opportunities in health care and health related services as outlined in the Health Sciences mission statement and reflected in industry and community needs. Students will be able to obtain:

- The certifications necessary for employment in entry-level direct care services.
- The requisite courses for the majority of national nursing and allied health programs, and specifically for UAA Nursing and Allied Health programs.

Goal #2:

The Health Sciences program provides a foundational education for future health care professionals. Graduates will:

- Demonstrate proficiencies in the 6 basic UAS competencies to the level needed to accomplish the primary goal of this program.
- Reflect the UAS core values of cultural awareness, personal ethics, collaboration and continuing education.

EXIT OUTCOMES:

Goal #1

 Graduates will be able to obtain certifications necessary for employment in entry-level direct care services as well as the requisite courses for the majority of nursing

and allied health programs, and specifically for UAA Nursing ad Allied Health programs.

1.1 Students demonstrate understanding of nursing and allied health science program requirements and options within their career choices.

1.2 Students successfully develop and complete personalized internships in a health care field of interest.

1.3 Students successfully complete the requisite GERs and science courses necessary to apply for admissions to nursing and allied health programs.

Goal #2

Graduates will demonstrate proficiencies in the 6 basic UAS competencies to the level needed to accomplish the primary goal of this program; and will reflect the UAS core values of cultural awareness, personal ethics, collaboration and continuing education.

2.1 Students demonstrate strong ethical and cross-cultural values in both theoretical and clinical health care situations.

2.2 Students demonstrate appropriate social and professional work ethic skills in classroom and clinical settings.

2.3 Students in skilled care courses (i.e. PCA, CNA, EMT) successfully demonstrate the critical thinking, collaboration and technical skills necessary to be safe and effective health care team members.

2.4 Students master the basic computational, communication and test-taking skills needed to obtain competitive GPAs and Nurse Entrance Test (NET) scores.

2.5 Students demonstrate proficient use of the information resources and reference materials needed for nursing and allied health training.

2.6 Students demonstrate enough proficiency in information technology search engines and software to maintain a current educational standard of practice in health care.

STUDENT LEARNING OUTCOME ASSESSMENT METHOD(S)

What is going to be used to assess student learning?

Course Based options
- Exams and quizzes
- Observation of lab procedures
- Project homework & completion
- Group activities
- Student self assessment
- Faculty/course evaluations
- Alignment of course content (testing and comparing against national/regional norms) with national/regional accredited institutions
    - Personal Care Attendant
    - Certified Nurse Aide
    - Emergency Trauma Technician
    - Emergency Medical Technician
    - Basic Life Support: CPR/First Aid
    - Nurse Entrance Test
    - NCLEX (nursing licensure exam)
    - Certified Radiology. Technician
    - Department certifications
    - Department Occupational Endorsements

STUDENT LEARNING DATA COLLECTION AND ANALYSIS

- Course Based
    - Typical course content retention of files by faculty and department
        - results of overall course performance
        - final grade, final reports, evidence of project completion
        - any course-competent received certificates

- Analysis conducted by faculty and department for providing feedback to course content and change on ongoing basis

- Outside Certification Based:
  Pass/fail rate of all exams
  Percentage of exam takers relative to course completers

Program Assessments

AAS HEALTH SCIENCES

GOAL #1

Program graduates will have the general educational foundation to be able to smoothly integrate into health related professional degree programs.

OUTCOMES FOR GOAL #1

1.1 Graduating students will have demonstrated the necessary social skills, and professional behavior to successfully complete an internship in the private sector.

1.2 Graduating students will be able to be transfer to professional schools of choice.

1.3 Health Sciences AAS Students will complete a university allied health or nursing program with a degree in a health related field.

GOAL #2

Program courses and tracks will collaborate with and/or partner with other UA programs in order to facilitate students' career training goals.

OUTCOMES FOR GOAL #2

2.1 Degree students will be able to enter UAA or UAF with a 2 year foundation of transferable course work.

2.2 UAS Health Sciences will collaborate with new professional programs such as UAF School of Social Work.

WHAT WE ARE USING TO ASSESS?

The criteria for determining to what extent the student has succeeded in meeting program goal #1 will be determined by using the numerical values from the RUBRIC for Goal #1. Each level of performance has been given a number value from low (I) to high (IV). The following areas that will be tracked for assessment**:**

- Student has a successful internship HS 291 (usually 3rd semester).
- Student gains admission to a program in nursing, allied health or social work.
- Student obtains a degree in a health care or related field.

RUBRIC for GOAL #1. AAS HS: Program graduates will have the general educational foundation to be able to smoothly integrate into health related professional degree programs.

SCORE	I	II	III	IV
INTERNSHIP PERFORMANCE	GETS A POOR EVALUATION	GETS A SATISFACTORY EVALUATION	GETS A GOOD EVALUATION	GETS AN EXCELLENT EVALUATION
PROGRAM ADMISSION	IS UNABLE TO COMPETE FOR A PROGRAM SEAT	MODERATE RANKING TRYING AGAIN - STILL WORKING ON REQUISITE COURSES	GETS PUT ON WAIT LIST OR GETS ACCEPTED ON ROLLNG ADMISSION	IS ADMITTED TO THE COHORT
HEALTH RELATED DEGREE	FAILS OUT OF A PROFESSIONAL PROGRAM/ASKED TO LEAVE	DROPS OUT FOR PERSONAL OR ACADEMIC REASONS	IN A PROGRAM	GRADUATED WITH A DEGREE IN HEALTH CARE

The criteria for determining to what extent the student has succeeded in meeting program goal #2 will be determined by using the numerical values from the RUBRIC for Goal #2. Each level of performance has been given a number value from low (I) to high (III).. The following areas will be tracked for assessment**:**

- Degree students will be able to enter UAA or UAF with a 2 year foundation of transferable course work.
- UAS Health Sciences students will be able to easily enter other professional programs such as UAF School of Social Work

RUBRIC for GOAL #2. AAS HS: Program courses and tracks will collaborate with and/or partner with other UA programs in order to facilitate students' career training goals.

SCORE	I	II	III
TRANSFERRABLE TO A PARTNER UNIVERSITY PROGRAM	COURSES DO NOT TRANSFER	SOME COURSES TRANSFER	SMOOTH TRANSFER & ADMISSION
NEW PROFESSIONAL PROGRAMS AVAILABLE	UNAWARE OF/UNABLE TO CONNECT TO OTHER PROGRAMS	DIFFICULT TRANSFERABILITY BUT STUDENT PREVAILS	GOOD WORKING RELATIONSHIP ALLOWING SMOOTH ADMISSIONS

Certificate in Pre-Nursing Qualifications
Program Assessment

Goal #1: CPNQ students will be prepared with all pre and co-requisite courses required by the majority of nursing programs and will be competitive in the various program application processes.

OUTCOMES FOR GOAL #1

- Certificate graduates will rank competitively when applying to their nursing schools of choice
- Certificate graduates will be admitted to nursing programs which have rolling admissions

Goal #2: CPNQ students will have an employable entry-level skill working with patients with which to use in ranking, or as a source of funding while waiting to get into a nursing program.

OUTCOMES FOR GOAL #2

- CPNQ graduates will have passed certification exams for one of the following entry level skills: Personal Care Attendant, Certified Nurse Aide, and Emergency Medical Technician.
- Certificate graduates will have been employed in a certified health related field

WHAT WE ARE USING TO ASSESS?

The criteria for determining to what extent the student has succeeded in meeting program goal #1 will be determined by using the numerical values from the RUBRIC for Goal #1. Each level of performance has been given a number value from low (I) to high (IV).. The following areas that will be tracked for assessment:

- Certificate graduates will rank competitively when applying to their nursing schools of choice
- Certificate graduates will be admitted to nursing programs which have rolling admissions

RUBRIC for GOAL #1.CPNQ: CPNQ students will be prepared with all pre and co-requisite courses required by the majority of nursing programs and will be competitive in the various program application processes.

SCORE	I	II	III	IV
COMPETITIVE RANKING	RANKS BELOW SCORE NEEDED TO BE COMPETITIVE	RANKS IN AVERAGE AREA – SLIGHT CHANCE FOR ADMISSION	RANKS WELL BUT ON TOP TEN WAIT LIST	RANKS HIGH ENOUGH TO BE ADMITTED
ACCEPTED TO ROLLING ADMISSIONS	IS UNABLE TO COMPETE FOR A PROGRAM SEAT	STILL HAS COURSES TO COMPLETE	ALL RERQUISITES FINISHED/DOES NOT APPLY	IS ADMITTED TO THE ROLLING ADMISSION LIST

The criteria for determining to what extent the student has succeeded in meeting program goal #2 will be determined by using the numerical values from the RUBRIC for Goal #2. Each level of performance has been given a number value from low (I) to high (III).. The following areas will be tracked for assessment**:**

- CPNQ graduates will have passed certification exams for one of the following entry level skills: Personal Care Attendant, Certified Nurse Aide, and Emergency Medical Technician
- Certificate graduates will have been employed in a certified health related field

RUBRIC for GOAL #2. CPNQ students will have an employable entry-level skill working with patients with which to use in ranking, or as a source of funding while waiting to get into a nursing program

SCORE	I	II	III	

CERTIFICATION EXAMS	NOT QUALIFIED TO TAKE EXAM	FAIL EXAM	PASS EXAM	
EMPLOYMENT	UNABLE TO FIND EMPLOYMENT	ABLE TO FIND EMPLOYMENT BUT DECIDED AGAINST	WORKING IN A CERTIFIED FIELD	

Certificate in Pre-Radiological Technician Qualifications Program Assessment

Goal

CPRTQ students will be prepared with all pre and co-requisite courses required by the majority of Associate of Applied Science in Radiology Technology programs and will be competitive in the various program application processes.

OUTCOMES FOR GOAL

- Certificate graduates will rank competitively when applying to their Rad. Tech. schools of choice
- Certificate graduates will be admitted to Radiological Technology programs which have rolling admissions

WHAT WE ARE USING TO ASSESS?

The criteria for determining to what extent the student has succeeded in meeting the program goal will be determined by using the numerical values from the RUBRIC below. Each level of performance has been given a number value from low (I) to high (III).. The following areas will be tracked for assessment:

- Certificate graduates will rank competitively when applying to their Rad. Tech. program of choice.
- Certificate graduates will be admitted to Radiological Technology programs which have rolling admissions

RUBRIC for GOAL: CPRTQ students will be prepared with all pre and co-requisite courses required by the majority of Associate of Applied Science in Radiology Technology programs and will be competitive in the various program application processes.

SCORE	I	II	III	
COMPETITIVE RANKING	FAIL TO RANK	QUALIFIED FOR AN INTERVIEW	ADMITTED TO PROGRAM	
ROLLING ADMISSIONS	UNABLE TO COMPLETE REQUISITE COURSE WORK	FINISHED BUT DECIDED TO DO SOMETHING ELSE	ACCEPTED INTO THE ROLLING ADMISSION	

Certificate in Community Wellness Advocate
Program Assessment

Goal

CWA students will be prepared with all courses required by the Native Health Organizations which employ Community Wellness Advocates..

OUTCOME FOR GOAL

- Certificate graduates will find employment in their Native Health Corporations.

WHAT WE ARE USING TO ASSESS?

The criteria for determining to what extent the student has succeeded in meeting the program goal will be determined by using the numerical values from the RUBRIC below. Each level of performance has been given a number value from low (I) to high (III). The following area will be tracked for assessment:

- Certificate graduates will find employment in their Native Health Corporations.

SCORE	I	II	III	
RUBRIC for GOAL. CWA students will be prepared with all courses required by the Native Health Organizations which employ CWAs.. program				
EMPLOYMENT	NO EMPLOYMENT AVAILABLE	EMPLOYMENT AVAIALBE BUT NOT WORKING	EMPLOYED AS A CWA	

WHEN ARE ASSESSMENTS MADE?

   (A) At the time the student graduates
   (B) At 12 months after graduation
   (C) At 2 years after graduation

ANTICIPATED RESULTS:

AAS: **Goal #1: average expected result = 3.0 out of 4**
               Goal #2: average expected result = 2.0 out of 3

CPNQ: **Goal #1: average expected result = 2.5 out of 4**
               Goal #2: average expected result = 2.0 out of 3

CPRTQ: **Average expected result of goal = 2.0 out of 3**

CWA: **Average expected result of goal = 3.0 out of 3**

USING THE RESULTS:

If the results are lower than the ANTICIPATED results, the Health Sciences Advisory Committee will be informed and a plan to correct the deficient area(s)

will be implemented. This plan may result in a syllabus modification, course addition/deletion, advisement adjustment, degree/certificate modification.

ACTUAL RESULTS

AAS HEALTH SCIENCES
Note: This degree has had only 1 graduate.

Goal #1 results: P. Grieser   AAS HS 5/6/07 – *final results pending*

SCORE	I	II	III	IV
INTERNSHIP PERFORMANCE	GETS A POOR EVALUATION	GETS A SATISFACTORY EVALUATION	GETS A GOOD EVALUATION	GETS AN EXCELLENT EVALUATION
PROGRAM ADMISSION	IS UNABLE TO COMPETE FOR A PROGRAM SEAT	MODERATE RANKING TRYING AGAIN –or– STILL WORKING ON REQUISITE COURSES	GETS PUT ON WAIT LIST OR GETS ACCEPTED ON ROLLNG ADMISSION	IS ADMITTED TO THE COHORT
HEALTH RELATED DEGREE	FAILS OUT OF A PROFESSIONAL PROGRAM/ASKED TO LEAVE	DROPS OUT FOR PERSONAL OR ACADEMIC REASONS	IN A PROGRAM	GRADUATED WITH A DEGREE IN HEALTH CARE

Comments:

This degree has been in effect for 3 (?) years. Several course requirements have acted as blockades to degree completion:

- HS 107 was seen as irrelevant & time consuming by most students.
- HS 291 was not aligned with the skills courses.
- Course sequencing was not aligned to facilitate a timely completion.
- The degree did not align with higher degrees, so was seen as relatively valueless

All of the above difficulties are being addressed at the time of this assessment.

CERTIFICATE IN PRE-NURSING QUALIFICATIONS
Note: This degree has had ? graduates since 2004

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SCORE	**I**	**II**	**III**	**IV**
COMPETITIVE RANKING	RANKS BELOW AVERAGE RANKING	RANKS IN AVERAGE AREA – SLIGHT CHANCE FOR ADMISSION	RANKS WELL BUT ON TOP TEN WAIT LIST	RANKS HIGH ENOUGH TO BE ADMITTED
ACCEPTED TO ROLLING ADMISSIONS (BSN/other programs)	IS UNABLE TO COMPETE FOR A PROGRAM SEAT	STILL HAS COURSES TO COMPLETE	ALL RERQUISITES FINISHED/DOES NOT APPLY	IS ADMITTED TO THE ROLLING ADMISSION LIST

COMMENTS:

An assessment questionnaire (sample questionnaire attached in appendix) of students graduating from the 2004 Juneau based UAA nursing program indicated a need for changes to the CPNQ and pre-nursing advisement:

- C.N.A. or other hands-on skills course as a requirement

15

- Addition of HS 135 as a pre-nursing requirement
- Advisement early and often regarding pre-nursing preparation

To meet the requirements for nursing programs other than UAA A.D.N. program the certificate required the addition of CHEM 104. This is being added in the coming curriculum period.

CERTIFICATE IN PRE-RADIOLOGY TECHNOLOGY
Note: This degree has had ? graduates since 2004

RUBRIC for GOAL: CPRTQ students will be prepared with all pre and co-requisite courses required by the majority of Associate of Applied Science in Radiology Technology programs and will be competitive in the various program application processes.

SCORE	I	II	III	
COMPETITIVE RANKING	FAIL TO RANK	QUALIFIED FOR AN INTERVIEW	ADMITTED TO PROGRAM	
ROLLING ADMISSIONS	UNABLE TO COMPLETE REQUISITE COURSE WORK	FINISHED BUT DECIDED TO DO SOMETHING ELSE	ACCEPTED INTO THE ROLLING ADMISSION	

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CERTIFICATE AS A COMMUNITY WELLNESS ADVOCATE

Note: This degree has had 6 graduates since 1999

Results: E. Williams graduate 1999

SCORE	I	II	III	
EMPLOYMENT	NO EMPLOYMENT AVAILABLE	EMPLOYMENT AVAIALBE BUT NOT WORKING	EMPLOYED AS A CWA	

Results: S. Cox   graduate 2002

SCORE	I	II	III	
EMPLOYMENT	NO EMPLOYMENT AVAILABLE	EMPLOYMENT AVAIALBE BUT NOT WORKING	EMPLOYED AS A CWA	

Results: A. Kanrilak   graduate 2003

SCORE	I	II	III	
EMPLOYMENT	NO EMPLOYMENT AVAILABLE	EMPLOYMENT AVAIALBE BUT NOT WORKING	EMPLOYED AS A CWA	

Results: J. Hanna   graduate 2004

SCORE	I	II	III	
EMPLOYMENT	NO EMPLOYMENT AVAILABLE	EMPLOYMENT AVAIALBE BUT NOT WORKING	EMPLOYED AS A CWA	

Results: R. Kleinschmidt   graduate 2004

SCORE	I	II	III	
EMPLOYMENT	NO EMPLOYMENT AVAILABLE	EMPLOYMENT AVAIALBE BUT NOT WORKING	EMPLOYED AS A CWA	

Results: D. Langley   graduate 2004

SCORE	I	II	III	
EMPLOYMENT	NO EMPLOYMENT AVAILABLE	EMPLOYMENT AVAIALBE BUT NOT WORKING	EMPLOYED AS A CWA	

Comments: Certificate completers make up 10% of total program enrollees since 1999.

Results of the assessment will be presented to the Health Sciences Advisory Council on May 17, 2007.

Program Synopsis 2006-07

• The Health Sciences Department currently offers 1 AAS degree and 3 certificates.

• Health Sciences academic programming closely reflects the environment of team work required in health care employment:

> ➢ Current university partnerships involve UAA School of Nursing and UAA School of Allied Health.
> ➢ Current industry partnerships include Bartlett Regional Hospital, Wildflower Court, Juneau Pioneer Home, SEARCH

• Health Sciences has 3 full time faculty members.

Information at: uas.alaska.edu/health sciences

APPENDICES

1. **Summary of Health Sciences credit hours**

2. **Curriculum mapping for degree and certificates**

3. **Questionnaire to current graduating nursing students**

4. **Questionnaire to graduated nursing students**

5. **Questionnaire to employers of graduate nursing students**

6. **Summary of NET exam scores**