

**University of Alaska Southeast – School of Career Education**  
**Health Sciences Department Annual Program Assessment**  
Ce Ce Brenner, Health Sciences Program Head  
**(Summer 2018 to Spring 2019)**

**Mission Statement**

The University of Alaska Southeast (UAS) Health Sciences Department provides students with the knowledge, skills, and learning opportunities to achieve education and training toward a career in health care. Health Sciences provides a supportive learning environment through small class sizes, individualized advisement based on career pathway, and instructors trained in a health science field.

**I. Program Overview**

The Health Sciences Department offers five degree programs: 1) the Associate of Applied Science in Health Sciences (AAS HS), 2) the Certificate of Pre-Nursing Qualifications (CPNQ), the 3) the Certificate of Pre-Radiologic Technology Qualifications (CPRTQ), 4) an Occupational Endorsement Certificate Certified Nurse Aide (OEC CNA), and 5) the Medical Assisting Certificate (MAC). The majority, almost 80%, of the courses required to complete the AAS Health Science, CPNQ, and CPRTQ are offered through the School of Arts and Sciences, thus the GER's and some of the major courses will not be evaluated in this assessment. The UAS Health Sciences Department has continued to work diligently to enroll students in Health Sciences degree programs and to increase graduation rates. These rates have been improved by; offering group advising in the fall of 2018 and spring of 2019, and seeking out graduating students to complete graduation paperwork.

Suzanne Malter retired from her faculty position summer 2018. The position was posted for hire. To date no one has applied for the position. Marilyn Lumba, RN has been a clinical instructor for the Certified Nurse Aide class for many years. Lumba has recently signed on for an adjunct faculty position for spring '19 and summer '19. She will fill Malter's role as the Certified Nurse Aide instructor for the summer semester.

Fall 2018, the first on-line Certified Nurse Aide training was offered in Juneau. This class included high school students for the first time, there were five enrolled. The class filled with eight students. All eight students passed the class with a C or above.

Senior Citizens Support Services Inc. (SCSSI) provided the CNA program with four \$1000 student scholarships for fall 2018 semester. These scholarships were given to four of the five high school students. With help from SCSSI, the Juneau School District, and the STEP grant we were able to provide full tuition for all five of the high school students.

### **Pre-Med Club- Juneau**

Dissolved this year due to lack of student leader.

### **UAS Health Science Advisory Committee**

The advisory committee met in February 2019. It was not well attended likely due to a last minute conflict in meeting times and weather. The community members that did attend felt that that the meeting was very informative and informative. We had a representative from CCFR, Wildflower Court, Child Services, the UAS Medical Assisting Program, and the UAA nursing program in Ketchikan. Program updates were discussed to include the Behavioral Health Program that is in the works. CCFR stated we were meeting their needs in supplying EMT's and they had no further needs from UAS at this time. Child Services was excited to hear about the upcoming Behavioral Health plans. They stated they need social workers and are currently hiring people from out of state. Wildflower Court (WFC) reported due to the wonderful relationship with UAS they have been able to retain CNA's for more than two years now. WFC reported the CNA's that are coming from the program are well trained and prepared for work. WFC continues to strengthen their relationship with UAS and are prepared to help the program however they can. UAA Ketchikan stated they had interest in the on-line CNA Juneau class, and would like to have a future discussion about instructing a group from Metlakatla.

### **Allied Health Associates (AHA) Bi-Annual Meeting**

Health Science Program Head did not attend this year due to classroom conflict with meeting date. Dean Pete Traxler attended the meeting.

### **Area Health Education Centers (AHEC)-Juneau**

AHEC has continued to build relations with UAS Health Science. Spring 2019, a Mental Health Behavioral class was delivered by an AHEC instructor and students were given 1 UAS college credit. There are plans for spring 2019 to offer a Health Science Exploration class allowing high school students to receive 1 UAS college credit for attending the AHEC course.

### **Juneau School District, Health Science Advisory Meeting**

Brenner participated in the fall of 2018. There are concerns for budget cuts and the effects on all UA health science programs and the corresponding dependent high school programs. Dual enrollment and on-line classes were discussed as possible future options. The CNA course will continued to be offered to high school students 16 years of age or older as a dual enrollment course.

## II. Program Student Learning Outcomes

Table 1.1: The following table contains descriptions of health sciences course trainings and their corresponding assessment methods.

II. Health Sciences Course Trainings	Assessment Methods
Students on the Juneau, Sitka, and Ketchikan campuses who register for the <b>Certified Nurse Aide (CNA) Training (HS 105)</b> will pass the course with a C or higher. Of those students who pass the UAS course, 80% will pass the Alaska Board of Nursing (BON) certification exam (per BON regulations).	<ul style="list-style-type: none"> <li>• Number of students who register (attempt course) on all campuses.</li> <li>• Number of students who pass with C or higher.</li> <li>• Number of students who pass BON state certification.</li> <li>• Number successfully employed 6 months after certification.</li> <li>• Number currently registered in pre-health degree program.</li> </ul>
Students on the Juneau, Sitka, and Ketchikan campuses who register for the <b>Emergency Medical Technician (EMT)-1 training (HS 119)</b> will pass the course with a C or higher. Of those who pass the course, 75% will pass the State of Alaska EMT-1 certification exam (per SOA regulations).	<ul style="list-style-type: none"> <li>• Number of students who register (attempt course) on all campuses.</li> <li>• Number of students who pass with C or higher.</li> <li>• Number of students who pass SOA certification.</li> <li>• Number successfully employed 6 months after training.</li> <li>• Number currently registered in pre-health degree program.</li> </ul>
Students on the Juneau, Sitka, and Ketchikan campuses who register for the <b>Fundamentals of CPR and First Aid (HS 102)</b> will pass the course with a C or higher. Those who pass the course will receive American Heart Association certification valid for two-years.	<ul style="list-style-type: none"> <li>• Number of students who register (attempt course) on all campuses.</li> <li>• Number of students who pass with C or higher.</li> <li>• Number currently registered in pre-health degree program.</li> </ul>

## III. How Data is collected on Student Learning Outcome

The Health Sciences Program analyzes the assessment of the SLOs based on Banner reports, the Alaska Board of Nursing, and information gathered from Sitka and Ketchikan sites.

Table 2.1: The table below details the enrollment numbers over the years for the Health Sciences majors that are offered at UAS. FY 18 data is accurate for the number enrolled in each program, however, the data also includes students that have not been active over the past two years.

**Enrolled Majors**

<b>Degree</b>	<b>Major</b>	<b>Major Description</b>	<b>FY 13</b>	<b>FY 14</b>	<b>FY 15</b>	<b>FY 16</b>	<b>FY 17</b>	<b>FY 18</b>
AAS	HEAL	Health Science	61	56	56	53	102	111
CT1	NURN	Nursing	100	84	66	50	158	193
CT2	PRDT	Technology	9	11	11	12	24	24
OEC	CNA	Certified Nurse Aide				12	55	57

Table 2.2: The table below details the degrees that have been awarded over the years to the Health Sciences students. FY 18 data is tentative, as commencement will not occur until May 2019.

**Awards Earned**

<b>Degree</b>	<b>Major</b>	<b>Major Description</b>	<b>FY 13</b>	<b>FY 14</b>	<b>FY 15</b>	<b>FY 16</b>	<b>FY 17</b>	<b>FY 18</b>
AAS	HEAL	Health Science	4	4	8	8	6	6
CT1	NURN	Nursing	6	4	7	8	5	6
CT2	PRDT	Technology	1			2	2	4
OEC	CNA	Certified Nurse Aide				24	50	41

Table 3.1: The following table is broken down by campus and degrees. The number indicated in the Majors column is the amount of students enrolled in each degree.

**Health Sciences: SU17 to SP18 Majors**

	<b><u>Majors</u></b>
<b><u>Juneau Campus</u></b>	
AAS Health Science (HEAL)	84
CT1 Pre-Nursing (NURN)	121
CT1 Pre-Radiologic Technology (PRDT)	13
<b><u>Total</u></b>	<b>218</b>
<b><u>Ketchikan Campus</u></b>	
AAS Health Science (HEAL)	7
CT1 Pre-Nursing (NURN)	34
CT1 Pre-Radiologic Technology (PRDT)	7
<b><u>Total</u></b>	<b>48</b>
<b><u>Sitka Campus</u></b>	
AAS Health Science (HEAL)	20
CT1 Pre-Nursing (NURN)	38
CT1 Pre-Radiologic Technology (PRDT)	4
<b><u>Total</u></b>	<b>62</b>
<b><u>Region Total</u></b>	<b>328</b>

Table 4.1: The table below is a breakdown of the amount of students enrolled in each course (i.e. CNA, CPR/First Aid, and EMT) for Juneau according to semester.

**Juneau-Enrollments: Summer 2018 to Spring 2019**

<b><u>Degree</u></b>	<b><u>SU18</u></b>	<b><u>FA18</u></b>	<b><u>SP 19</u></b>
<b>Certified Nurse Aide Training</b>	7	17	14
<b>Fundamentals of CPR and First Aid</b>	0	16	19
<b>Emergency Medical Technician</b>	0	0	10
<b>Total</b>	7	33	33

Table 4.2: The table below is a breakdown of the amount of students enrolled in each course (i.e. CNA, CPR/First Aid, and EMT) for Ketchikan according to semester.

**Ketchikan-Enrollments: Summer 2018 to Spring 2019**

<b><u>Degree</u></b>	<b><u>SU18</u></b>	<b><u>FA18</u></b>	<b><u>SP19</u></b>
<b>Certified Nurse Aide Training</b>	0	12	12
<b>Fundamentals of CPR and First Aid- <i>Not offered</i></b>	-	-	-
<b>Emergency Medical Technician <i>Not offered</i></b>	-	-	
<b>Total</b>	0	12	12

Table 4.3: The table below is a breakdown of the amount of students enrolled in each course (i.e. CNA, CPR/First Aid, and EMT) for Sitka according to semester.

**Sitka-Enrollments: Summer 2018 to Spring 2019**

<b><u>Degree</u></b>	<b><u>SU18</u></b>	<b><u>FA18</u></b>	<b><u>SP19</u></b>
Certified Nurse Aide Training	0	0	8
Fundamentals of CPR and First Aid	Not offered	Not offered	Not offered
Emergency Medical Technician	Not offered	Not offered	Not offered
<b>Total</b>	0	0	8

## **Alaska Board of Nursing Quarterly Report**

***Report has not been received from the Alaska Board of Nursing for the 2<sup>nd</sup> quarter of FY 18.***

Table 5.1: This table shows data for Juneau campus. The data is provided to UAS quarterly by the Alaska Board of Nursing. UAS Pre-health information was provided by Banner.

### **Juneau**

<b><u>Date</u></b>	<b><u>Candidates</u></b>	<b><u>Pass 1<sup>st</sup> attempt</u></b>	<b><u>Fail 1<sup>st</sup> attempt</u></b>	<b><u>Percent – Skills and Written Test</u></b>	<b><u>Employment w/in 6 months</u></b>	<b><u>UAS Pre- Health Major</u></b>
July- September 2018	8	8	-	100%	1	5
October- December 2018	15	12	3	-	7	4
January- March 2019	-	-	-	-	-	-
April-June 2019	Data pending completion of program	-	-	-	-	5
<b>Total</b>	<b>23</b>	<b>20</b>	<b>3</b>	<b>100%</b>	<b>8</b>	<b>14</b>

Table 5.2: This table shows data for Ketchikan campus. The data is provided to UAS quarterly by the Alaska Board of Nursing. UAS Pre-health information was provided by Banner. *Ketchikan campus received notice from the Board of Nursing that their FY18 pass rate was 76.5%. Pass rate needs to be 80% or greater for program to continue. The Board has issued a warning.*

**Ketchikan:**

<b><u>Date</u></b>	<b><u>Candidates</u></b>	<b><u>Pass 1<sup>st</sup> attempt</u></b>	<b><u>Fail 1<sup>st</sup> attempt</u></b>	<b><u>Percent – Skills and Written Test</u></b>	<b><u>Employment w/in 6 months</u></b>	<b><u>UAS Pre- Health Major</u></b>
July-September 2018	1	100%	-	100%	Data Not available	Data Not available
October-December 2018	Data Not Available	-	-	-	-	-
January-March 2019	-	-	-	-	-	-
April-June 2019	Data pending completion of program.	-	-	-	-	1
<b>Total</b>	<b>1</b>	<b>100%</b>		<b>100%</b>		<b>1</b>

Table 5.3: This table shows data for Sitka campus. The data is provided to UAS quarterly by the Alaska Board of Nursing. UAS Pre-health information was provided by Banner.

**Sitka:**

<b><u>Date</u></b>	<b><u>Candidates</u></b>	<b><u>Pass 1<sup>st</sup> attempt</u></b>	<b><u>Fail 1<sup>st</sup> attempt</u></b>	<b><u>Percent – Skills and Written Test</u></b>	<b><u>Employment w/in 6 months</u></b>	<b><u>UAS Pre- Health Major</u></b>
July-September 2018	Summer Class Not offered	-	-	-	-	-
October-December 2018	Fall Class canceled d/t low enrollment	-	-	-	-	-
January-March 2019	-	-	-	-	-	-
April-June 2019	Data pending completion of program.	-	-	-	-	3
<b>Total</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>3</b>

### **Certified Medical Assisting Program**

Amy Samuel provides and annual assessment for the program. This program will not be detailed in this report.

#### **IV. An evaluation of the data collected on the Program SLO's during the previous academic year.**

- The Program SLO's are difficult to assess due to lack of communication and response from Ketchikan and Sitka campuses.
- The SLO's have not been in place long enough to have extracted meaningful data.
- The data in this report is incomplete as spring 2019 semester is in progress.
- The Certified Nurse Aide program continues to be very successful. Enrollments and completion of class remain high.
- TP: EMT and ETT classes are not offered on all campuses equally.
- CPR/First Aid is a required class for the AAS HS. This class is not offered on all three campuses and is not offered online.
- Tech Prep courses are not evaluated in this assessment due to difficulty obtaining the data.
- The number of OECs earned versus the amount of Certified Nurse Aide (CNA) course completers continues to be inaccurate due to program inactive OEC's and CNA's not enrolled in the OEC.

#### **V. Future plans to improve student learning.**

In response to this analysis the UAS Health Sciences Program will do the following during the next academic year:

- Create an accurate and efficient tracking system for program outcomes.
- Review the Health Sciences enrolled degree report and contact students that have not been active in the degree program for two years. Investigate why students are no longer active in the programs. Gather and document findings to improve the overall program.
- Continue to offer highly employable Certified Nurse Aide OEC.
- Continue to work on curriculum changes necessary to the UAS-AAS HS degree to better align with UAA-AAS HS degree, increase enrollment, and increase graduation rates.
- Continue to offer night, weekend, and online classes.
- Continue to work closely with Sitka and Ketchikan to ensure their Certified Nurse Aide students are enrolled in the OEC and apply for graduation.
- Continue to build an OEC for a Behavioral Health Program to increase program numbers.
- All Tech Prep courses will be evaluated prior to the beginning of contracts in an attempt to improve data collection.