

**H.E. Stuckenhoff Department of Nursing  
Casper College  
Annual Report to Communities of Interest  
Assessment Results  
Fall 2020**

The Accreditation Commission for Education in Nursing (ACEN), requests we share the “Assessment Results”. The assessment of end-of-program student learning outcomes and program outcomes is shared with communities of interest, and the communities of interest have input into program processes and decision-making.

**Program Outcomes Results through October, 2020**

**Admission Demographics**

**Outcome: There will be admission of eligible persons of diverse age, gender, socio-economic, ethnic, and educational background. The number of students admitted will be commensurate with faculty and facility availability.**

<b>Cohort Current Semester (Admission) # students</b>	<b>May 2022 S-1 (Fa 2020 32</b>	<b>Dec 2021 S-1 (Sp 2020) 40</b>	<b>May 2021 S-1 (Fa 2019) 32</b>	<b>Dec 2020 S-1 (Sp 2019) 32</b>	<b>May 2020 S-1 (Fa 2018) 32</b>	<b>Dec 2019 S-1 (Sp 2018) 32</b>	<b>May 2019 S-1 (Fa 2017) 32</b>	<b>Dec 2018 S-1 (Sp 2017) 32</b>	<b>May 2018 S-2 (Fa 2016) 32</b>	<b>Dec 2017 S-3 (Sp 2016) 32</b>
Gender										
Females	31	37	29	29	25	23	27	28	29	29
Males	1	3	3	3	7	9	5	4	3	3
Ages										
<25	20	22	20	16	15	13	15	15	21	21
26-30	3	5	5	9	8	5	6	7	5	5
31-40	6	9	4	6	7	7	9	7	6	5
41-50	3	4	3	0	2	7	2	1	0	0
51-60	0	0	0	1	0	0	0	0	0	0
Ethnic										
Native American	1	1	1	0	1	0	0	0	1	1
Asian/Pacific Islander	1	0	0	1	0	1	1	0	1	1
Black, Non-Hispanic	2	1	0	1	0	1	0	0	0	0
Hispanic	2	2	1	3	5	2	2	6	2	0
White, Non-Hispanic	26	35	29	26	28	28	28	26	26	24
Other, Unknown	0	0	1	1	0	0	1	0	2	6
Other Degrees										
AD	6	6	6	3	5	7	10	6	2	3
BS/BA	2	2	2	6	4	4	4	3	4	4
MS/MA/MBA	1	0	0	0	1	1	0	0	0	0
PhD	0	0	1	0	0	0	0	0	0	0

**End of Student Learning Outcomes**

**6.1:** The program demonstrates evidence of students’ achievement of each end-of-program student learning outcomes. There is an ongoing assessment of the extent to which students attain each end-of-program student-learning outcome. There is analysis of assessment data and documentation that the analysis of assessment data is

used in program decision-making for the maintenance and improvement of students' attainment of each end-of-program student-learning outcome.

**FALL 2019**

**End-of-program Student Learning Outcomes (EPSLO)**

<b>Component</b>	<b>Assessment Method(s)*</b>	<b>Expected Level(s) of Achievement</b>	<b>Results of Data Collection</b>	<b>Analysis and Action</b>
<p>Core State Curriculum Concept: Safety</p> <p>EPSLO #1: Provide safe nursing care within the healthcare system.</p> <p>Curricular Concepts/Competencies: Reduce risk of harm, Medication Safety</p>	<p>NURS 2400 Summative Medical/Surgical Clinical Evaluation Tool for Core Concept of Safety</p>	<p>50 % or more students successfully completing NURS 2400 will score above the competent level (3) at greater than 3.5 on KSA B, C, D, and E for Safety on the Medical/Surgical Clinical Evaluation Tool</p>	<p>Not collected for 5/18 cohort – tool in development.</p> <p><u>2018</u> December 2018 Cohort - 16/25 students scored &gt; 3.5: 64%</p> <p><u>2019</u> 8/23/19 - SP 19 79% (15/19) scored &gt; 3.5 12/12/19 - FA 19 82.6% ((19/23)</p> <p><u>2020</u> 5/2020 - SP 20 Cohort - 92.6% (25/27)</p>	<p><u>01/24/19 - 2018</u> <b>Total 64% of students achieved score &gt; 3.5. EPSLO collect more data.</b></p> <p><u>02/27/20 - 2019</u> <b>Total 81% of students achieved score &gt; 3.5. <u>EPSLO met.</u></b></p>
	<p>RN Comprehensive Predictor Subscales: QSEN Safety 2018 (~ 41 items) Raw Score &gt; 62.8% QSEN Safety 2019 42 items) Raw Score &gt;63.1%</p>	<p>70% or more students successfully completing NURS 2400 will achieve a 73-78% predicted passing probability on QSEN Safety Items for ATI RN Predictor</p>	<p><u>2018</u> 5/18 Cohort : 16/22 - 72.7% 12/18 Cohort: 21/25 - 84% <u>2018 Total</u> 37/47 - 78.72%</p> <p><u>2019</u> 5/19 Cohort: 16/19 - 84% 12/19 Cohort: 21/23 - 91.3 % <u>2019 Total 37/42 - 88%</u></p> <p><u>2020</u> 5/2020 - SP 20 Cohort – 96.3% (26/27)</p>	<p><u>01/24/19 - 2018</u> <b>Total 78.72% of students achieved predicted passing. <u>EPSLO met.</u></b></p> <p><u>02/27/20 2019</u> Total 88% of students achieved predicted passing. <u>EPSLO met.</u></p>
<p><b>Core State Curriculum Concept: Clinical Judgment</b></p> <p><b>EPSLO #2:</b> Incorporate prior knowledge, current</p>	<p>NURS 2400 Summative Medical/Surgical Clinical Evaluation Tool for Core</p>	<p>50 % or more students successfully completing NURS 2400 will score above the Competent Level</p>	<p>Not collected for 5/18 cohort – tool in development</p> <p><u>2018</u></p>	<p><u>01/24/19 - Only one semester of data to date. 75% of students achieved above the</u></p>

Component	Assessment Method(s)*	Expected Level(s) of Achievement	Results of Data Collection	Analysis and Action
<p>research, and clinical experiences in decision-making.</p> <p>Concepts/Competencies: Decision-Making, Use of Evidence, Nursing Process, Prioritization</p>	<p>Concept of Clinical Judgement</p>	<p>(3) on KSA A, B, C, and D for Clinical Judgement on the Medical/Surgical Clinical Evaluation Tool</p>	<p>December 2018 Cohort 18/25 scored &gt; 3.0; 75% <u>2019</u> 8/23/19 - SP 19 Cohort - 79% (15/19) achieved above competent level of 3.0. 12/12/19 FA 19 Cohort – 87% (20/23) <u>2020</u> 5/2020 SP20 Cohort – 88.9% 24/27</p>	<p><b>competent level 3.</b> 02/27/20 - 2019 83% achieved above a competent level 3. <u>EPSLO met.</u></p>
	<p>RN Comprehensive Predictor Subscales:</p> <p>Thinking Skills: Clinical Judgement/ Critical Thinking in Nursing</p> <p>( ~ 130 items) - Raw Score &gt; 62.8%</p>	<p>70% or more students successfully completing NURS 2400 will achieve a 73-78% predicted passing probability on Thinking Skills: Clinical Judgment/ Critical Thinking</p>	<p><u>2018</u> May 2018 Cohort - (14/22) 63.6% December 2018 Cohort - 20/25 - 80% <b>2018 Total 34/47 - 72.34%</b> <u>2019</u> 5/19 Cohort - 18/19 (94.7%) 12/12 Cohort – 22/23 - 95.6% 40/42 - 95.2% <u>2020</u> 5/2020 - SP 20 Cohort 88.9% (24/27)</p>	<p><b>01/24/19 - 2018 Total 72.34% of students achieved predicted passing. <u>EPSLO met.</u></b></p> <p>02/27/20 - 2019 Total 95.2% of students achieved predicted passing. <u>EPSLO met.</u></p>
<p><b>Core State Curriculum Concept: Leadership</b></p> <p><b>EPSLO #3:</b> Demonstrate leadership skills as part of an interdisciplinary team to promote desired outcomes.</p> <p><b>Concepts/Competencies:</b> Interprofessional Collaboration, Delegation</p>	<p>NURS 2400 Summative Medical/Surgical Clinical Evaluation Tool for Core Concept of Leadership</p>	<p>50 % or more students successfully completing NURS 2400 will score at the Advanced Level (4) or above on KSA A, B, C, D, and E for Leadership on the Medical/Surgical Clinical Evaluation Tool</p>	<p>Not collected for 5/18 cohort – tool in development <u>2018</u> December 2018 Cohort - 16/25 scored at 4.0 or above; <b>64%</b> <u>2019</u> 8/25/19 - SP 19 Cohort – 68% (13/19) of students achieved above advanced level of 4.0. 12/12/19 - FA 19 Cohort – 30.4% (7/23)</p>	<p><b>01/24/19 - Only one semester of data to date. 64% of students achieved above the advanced level 4. <u>EPSLO met at this point.</u></b></p> <p>02/27/20 - 2019 Total 47.6% of students achieved above the advanced level 4. <b>EPSLO not met.</b></p>

Component	Assessment Method(s)*	Expected Level(s) of Achievement	Results of Data Collection	Analysis and Action
			2019 Total: 20/42 - 47.6% NOT MET <u>2020</u> 5/2020 SP 20 Cohort 74% (20/27)	
	RN Comprehensive Predictor Subscales:  Clinical Areas: Leadership  ( ~ 20 items) Raw Score > 62.8%  2019 18 items Raw Score > 63.1%	70% or more students successfully completing NURS 2400 will achieve a 73-78% predicted passing probability on Clinical Areas: Leadership Items for ATI RN Predictor	May 2018 Cohort – (17/22) 77.3% <u>2018</u>  December 2018 Cohort - 21/25 - 84% <b>2018 Total 38/47 - 80.85%</b> <u>2019</u> 5/19 Cohort 19/19 - 100% 12/19 Cohort 23/23 - 100% 42/42 - 100% <u>2020</u> 5/2020 - SP 20 Cohort 59.26% (16/27) NOT MET	01/24/19 - 2018 Total 80.85% of students achieved predicted passing. <u>EPSLO met.</u>  02/27/20 - 2019 Total 100% students achieved predicted passing. <u>EPSLO met.</u>
<b>Core State Curriculum Concept: Patient-Centeredness</b>  <b>EPSLO #4:</b> Use effective communication and advocacy to provide individualized care.  <b>Concepts/Competencies:</b>  Advocacy, Therapeutic Communication, Patient Centered Care	NURS 2400 Summative Medical/Surgical Clinical Evaluation Tool for Core Concept of Patient-Centeredness	50 % or more students in NURS 2400 will score at the Advanced Level (4) or above on KSA A, B, C, D, and E for Patient-Centeredness on the Medical/Surgical Clinical	Data not collected for 5/18 cohort – tool in development <u>2018</u>  December 2018 Cohort - 15/25 scored at 4.0 or above; 60% <u>2019</u> 08/23/19 SP 19 Cohort – 68% (13/19) of students achieved above the advanced level of 4.0. 12/12/19 FA 19 Cohort 60.8%(14/23) <u>2020</u> 5/2020 SP 20 Cohort 77.8% (21/27)	01/24/19 - Only one semester of data to date. 60% of students achieved above the advanced level <b>4. <u>EPSLO met at this point.</u></b>  02/27/20 - 2019 64% of students achieved above the advanced level <b>4. <u>EPSLO met.</u></b>
	NURS 2400 Portfolio  Outcome 4	75 % or more students successfully completing NURS 2400 will achieve a score of 3 or above on grading rubric for Outcome 4 in Portfolio Assignment discussion core competencies	Data not collected for 5/18 cohort – tool in development <u>2018</u>  December 2018 Cohort - 25/25 scored 3 or above; 100% <u>2019</u>	01/24/19 - Only one semester of data to date. 100% of students achieved 3 or above on grading rubric. <u>EPSLO met at this point.</u>

Component	Assessment Method(s)*	Expected Level(s) of Achievement	Results of Data Collection	Analysis and Action
			<p>8/23/19 - SP 19 Cohort – 100% of students achieved 3 or above on grading rubric.            Rubric revised – will collect more data            12/19 Cohort – 18/23 scored 3 or 4 – 78.2%            2020            5/2020 SP 20 Cohort            92.6% (25/27)</p>	<p>-Rubric revised. Will analyze after more data collected.            02/27/20 Spring 2019 100% and Fall 2019 78.2% of students achieved a 3 or above on grading rubric after rubric changed in sp. <u>EPSLO met.</u>            09/03/2020 - Beginning with the graduating class of 12/20, the state ReNEW portfolio grading rubric will be used.</p>
<p><b>Core State Curriculum</b>  <b>Concept: Professionalism</b>  <b>EPSLO #5:</b> Practice within the core values, principles, and standards of the nursing profession.  <b>Concepts/Competencies:</b> Accountability, Ethics/ Legal, Professional Communication</p>	<p>NURS 2400 Summative Medical/Surgical Clinical Evaluation Tool for Core Concept of Professionalism</p>	<p>50 % or more students successfully completing NURS 2400 will score at the Advanced Level (4) or higher on the KSA A, B, D, E, and F for Professionalism on the Medical/Surgical Clinical Evaluation Tool</p>	<p>Data not collected for 5/18 cohort – tool in development            2018            December 2018 Cohort - 20/25 scored 4 or above; 80%            2019            8/23/19 - SP 19 Cohort – 84% (16/19) of students achieved above the advanced level of 4.0            12/12/19 FA 19 Cohort – 52% (12/23)            2020            5/2020 SP20 Cohort – 85.2% (23/27)</p>	<p>01/24/19 - Only one semester of data to date. 80% of students achieved above the advanced level            4. <u>EPSLO met at this point.</u>            02/27/20 - 2019 67% of students achieved above the advanced level of 4. <u>EPSLO met.</u></p>
	<p>NURS 2400 Portfolio  Outcome 5</p>	<p>75 % or more students successfully completing NURS 2400 will achieve a score of 3 or above on grading rubric for Outcome 5 in Portfolio Assignment discussion core competencies</p>	<p>Data not collected for 5/18 cohort – tool in development            2018            December 2018 Cohort - 25/25 scored 3 or above; 100%            2019            8/23/19 - SP 19 Cohort – 100% (19/19) of students achieved a 3 or above on grading rubric.</p>	<p>01/24/19 - Only one semester of data to date. 100% of students achieved 3 or above on grading rubric. <u>EPSLO met at this point.</u>            -Will analyze after more data collected.            Spring 2019- 100% of students</p>

Component	Assessment Method(s)*	Expected Level(s) of Achievement	Results of Data Collection	Analysis and Action
			Rubric Revised 12/19 Cohort – 18/23 scored 3 or 4 – 78.2% <b>2020</b> 5/2020 SP 20 Cohort – 96.3% (26/27)	and Fall 2019 – 78.2% of students achieved 3 or above on rubric. <u>EPSLO met after rubric revised.</u>
Core State Curriculum Concept: Health Promotion EPSLO #6: Utilize the nursing process and a broad knowledge base to maximize health. Concepts/Competencies: Nursing Process (Semester 4) Patient Education Maximizing Health	RN Comprehensive Predictor Subscales: RN Assessment RN Planning RN Implementation/Therapeutic Interventions RN Evaluation (~ 150 items) Raw Score > 62.8% 2019 – 150 items Raw Score > 63.1%  Each subscale will be scored with each item sharing the same weight so that the total Nursing Process is being evaluated.	70% or more students successfully completing NURS 2400 will achieve a 73-78% predicted passing probability on Nursing Process Items for ATI RN Predictor	May 2018 Cohort – (16/22) 72.7% <b>2018</b> December 2018 Cohort 20/25 - 80% <b>2018 Total</b> <b>36/47 - 76.59%</b> <b>2019</b> 5/19 Cohort - 18/19 (94.7%) 12/19 Cohort – 22/23 (95.6%) <b>2020</b> 5/2020 SP 20 Cohort <b>92.6% (25/27)</b>	<b>01/24/19 - 2018</b> <b>Total 76.59% of students achieved predicted passing. <u>EPSLO met.</u></b>  <b>02/27/20 - 2019</b> <b>95.2% of students achieved predicted passing. <u>EPSLO met.</u></b>
	NURS 2400 Portfolio Outcome 6	75 % or more students successfully completing NURS 2400 will achieve a score of 3 or above on grading rubric for Outcome 6 in Portfolio Assignment discussion core competencies	Data not collected for 5/18 cohort – tool in development <b>2018</b> December 2018 Cohort 25/25 scored above 3; <b>100%</b> <b>2019</b>  8/23/19 - Spring 19 Cohort – 100% (19/19) students achieved 3 or above on grading rubric. Rubric Revised 12/19 Cohort – 20/23 scored 3 or 4 <b>87%</b>	<b>01/24/19 - Only one semester of data to date. 100% of students achieved 3 or above on grading rubric. <u>EPSLO met at this point.</u></b>  -Rubric revised. Will analyze after more data collected. <b>02/27/20 Spring 2019 – 100% and Fall 2019 87% of students achieved 3 or above on grading rubric</b>

Component	Assessment Method(s)*	Expected Level(s) of Achievement	Results of Data Collection	Analysis and Action
			<u>2020</u> 5/2020 SP20 Cohort – 88.9% (24/27)	after rubric revised. <u>EPSLO met.</u>

### Licensure Rate of Graduates

**Criterion 6.2:** The program demonstrates evidence of graduates' achievement on the licensure examination.

The program's most recent annual licensure examination pass rate will be at least 80% for all first-time test-takers during the same 12-month period.

There is ongoing assessment of the extent to which graduates succeed on the licensure examination.

There is analysis of assessment data and documentation that the analysis of assessment data is used in program decision-making for the maintenance and improvement of graduates' success on the licensure examination.

There is a minimum of three (3) most recent years of available licensure examination pass rate data, and data are aggregated for the nursing program as a whole as well as disaggregated by program option, location and date of program completion.

### Licensure Rate of Graduates

2016	Total	91%	NRST Curriculum
	May 2016	96%	NRST Curriculum
	Dec 2016	86%	NRST Curriculum
2017	Total	92.5%	NRST Curriculum
	May 2017	90%	NRST Curriculum
	Dec 2017	95%	NRST Curriculum
2018	Total	89.5%	ReNEW Curriculum
	May 2018	95%	ReNEW Curriculum
	Dec 2018	84%	ReNEW Curriculum
2019	Total	90.9%	ReNEW Curriculum
	May 2019	100%	ReNEW Curriculum
	Dec 2019	81.8	ReNEW Curriculum
2020	May 2020	96%	ReNEW Curriculum

MET Criterion

### Graduation Rate

**Criterion 6.3:** The program demonstrates evidence of students' achievement in completing the nursing program. The expected level of achievement for program completion is determined by the faculty and reflects student demographics.

There is ongoing assessment of the extent to which students complete the nursing program.

There is analysis of assessment data and documentation that the analysis of assessment data is used in program decision-making for the maintenance and improvement of students' completion of the nursing program.

There is a minimum of the three (3) most recent years of annual program completion data, and data are aggregated for the nursing program as a whole as well as disaggregated by program option, location, and date of program completion or entering cohort.

**Basic:** 50% of students who start NURS 1100 will complete the program within six (6) semesters. Previous ELA was 70% - revised 09/17

**AP:** 50% of LPNs who start NURS 2300 will complete the program within three (3) semesters. Previous ELA was 70% - revised 09/17

### Program Completion

#### Program Types:

**Basic:** Entry-level students.

**Advanced Placement (AP):** Licensed Practical Nurses who are admitted to complete the final two semesters of the program.

**Transfers:** Students who transfer from another nursing program on approval only.

ELA	Cohort	Year	Program Type	Program Completion Rates		
				Raw Data	Percent	Met/Not Met
<p><b>Basic:</b> 50% of students who start NURS 1100 will complete the program within six (6) semesters.</p> <p><b>AP:</b> 50% of LPNs who start NURS 2300 will complete the program within three (3) semesters.</p> <p>This has changed to 50 % in 9/17</p>	<b>Total</b>			42/64	<b>65.6%</b>	<b>Met</b>
	December	2019	Basic	23/32	<b>71.8%</b>	<b>Met</b>
	December	2019	AP	0/0		
	December	2019	Aggregate	23/32	<b>71.8%</b>	
	May	2019	Basic	18/32	<b>56.2%</b>	<b>Met</b>
	May	2019	AP	1/1	<b>100%</b>	<b>Met</b>
	May	2019	Aggregated	19/32	<b>59.3%</b>	<b>Met</b>
	<b>Total</b>	<b>2018</b>		47/64	<b>73.4%</b>	<b>Met</b>
	December	2018	Basic	25/32	<b>78.1%</b>	<b>Met</b>
	December	2018	AP	0		
	December	2018	Aggregated	25/32	<b>78.1%</b>	<b>Met</b>
	May	2018	Basic	22/32	<b>69%</b>	<b>Met</b>
	May	2018	AP	0		
	May	2018	Aggregated	22/32	<b>69%</b>	<b>Met</b>
	<b>Totals</b>	<b>2017</b>		<b>44/65</b>	<b>67.6%</b>	<b>Met</b>
	December	2017	Basic	22/32	71.87%	Met
	December	2017	AP	1/1	100%	Met
	December	2017	Aggregated	<b>24/33</b>	<b>72.7%</b>	<b>Met</b>
	May	2017	Basic	19/32	59%	Not Met
	May	2017	AP	1/2	50%	Not Met
	May	2017	Aggregated	20/34	58.8%	Not Met

### Employment of Graduates

**Criterion 6.4:** The program demonstrates evidence of graduates' achievement in job placement

The expected level of achievement for job placement is determined by the faculty and reflects program demographics

There is ongoing assessment of the extent to which graduates are employed.



There is analysis of assessment data and documentation that the analysis of assessment data is used in program decision-making for the maintenance and improvement of graduates being employed.

There is a minimum of the three (3) most recent years of available job placement data, and data are aggregated for the nursing program as a whole.

Job Placement Rates							
ELA	Cohort	Year	Job Placement Rate	Number of Surveys Distributed	Number of Surveys Returned	Response Rate	Met/Not Met
85% of the graduates will have a job in nursing within six (6) months after graduation	December 2019		100%	23	20	87%	Met
	May 2019		100%	19	11	58%	Met
	December 2018		95%	25	19	76%	Met
	May 2018		100%	22	17	77%	Met
	December 2017		100%	24	13	54%	Met
	May 2017		100%	18	8	44%	Met
		2017 Calendar Year	100%	38	25	66%	Met

### Associate Degree Graduates Pursuing BSN

At least 60 percent of Associate degree graduates from Casper College will be continuing their education with UW or another BSN program.

	Cohort Group	Number of Graduates	Responses to Graduate Survey Currently Pursuing BSN (Positive responses/ survey responses)	Percentage of Positive Response	Met/ Not Met
60 % or more Associate degree graduates from Casper College will be continuing their education with UW or another BSN program 6 - 9 months after graduation.	May 2018	22	Question was not valid. No data gathered.		
	December 2018	25	14/25	74% Met	
	May 2019	19	3/11	27.7% Not Met	
	December 2019	23	13/20	65% Met	

### Critical Thinking

Critical thinking is measured by administering standardized tests to the students through ATI specific to nursing.

**The group composite score on the ATI Critical Thinking Exit Exam during the 4<sup>th</sup> semester will meet or exceed the national group mean score.**

<b>Cohort</b>	<b>Group Composite Score</b>	<b>National Group Mean</b>
<b>May 2017</b>	<b>67.1%</b>	70.3%
<b>December 2017</b>	<b>71.3%</b>	68.0%
<b>May 2018</b>	<b>73.7%</b>	70.3%
<b>December 2018</b>	<b>74.1%</b>	70.3%
<b>May 2019</b>	<b>74.3%</b>	70.3%
<b>December 2019</b>	<b>72.5%</b>	70.3%
<b>May 2020</b>	<b>73.4%</b>	70.3%

### **Meets Standards of the College, Regulatory, and Accrediting Agencies**

The Standards of the College Regulatory and Accrediting agencies continue to be met by the program.

**Outcome: The program will continue to meet the standards of the College, the Wyoming Community College Commission, North Central Association, the Wyoming State Board of Nursing, and the Accreditation Commission for Education in Nursing (ACEN)**

- Casper College HLC accredited until 2028-2029
- WSBN approval until Spring 2027
- Program was granted full accreditation until Spring 2027