



Academic Program Sustainability

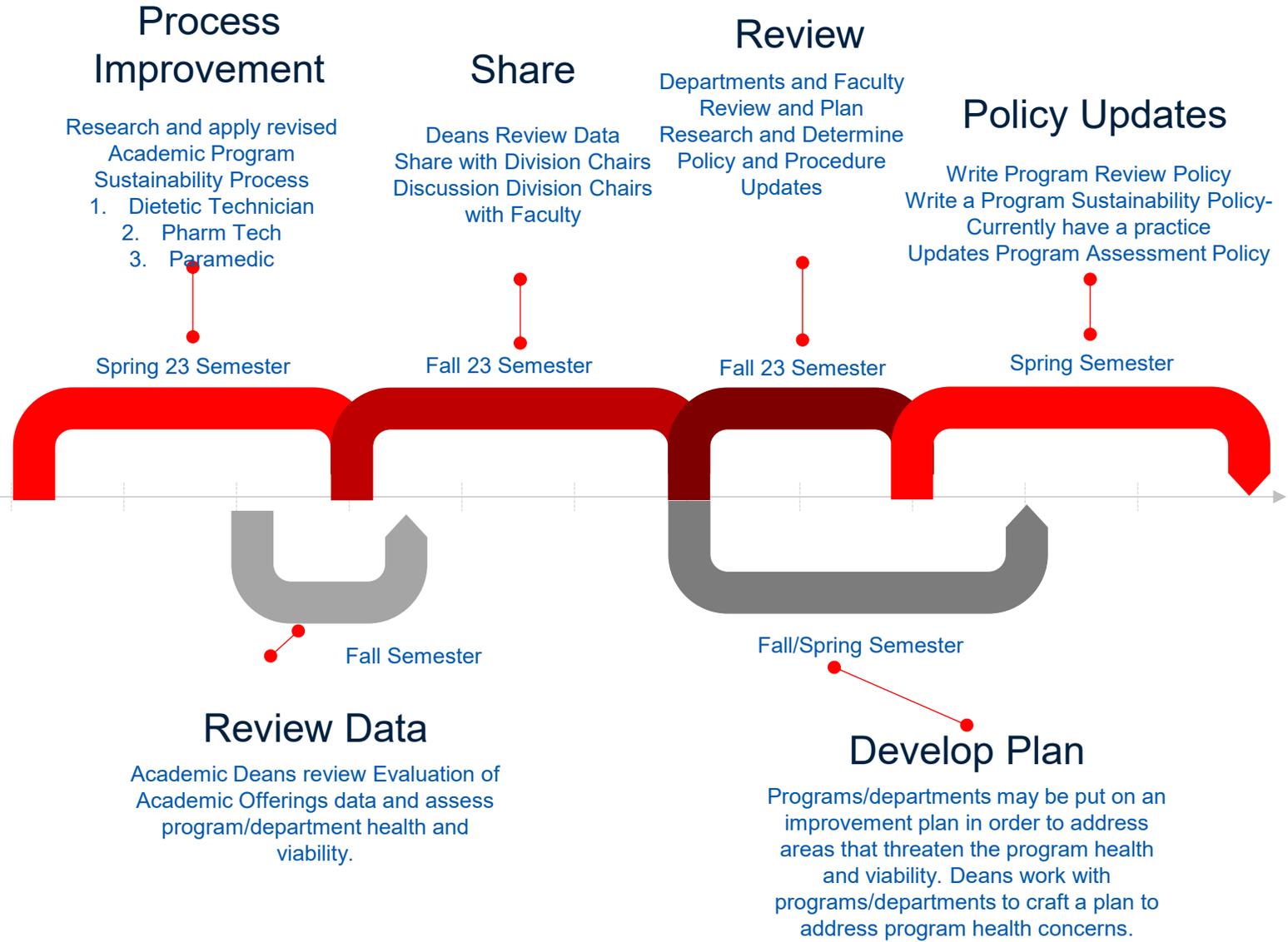
# Academic Program Sustainability 2023

# Process Improvement

- HLC Criterion 3A 3. The institution's program quality and learning goals are consistent across all modes of delivery and all locations (on the main campus, at additional locations, by distance delivery, as dual credit, through contractual or consortial arrangements, or any other modality).
- Added an Institutional Research position in 2022
- Reviewed the Previous Program Sustainability Spring 2023
  - Unable to replicate Data Collection Method (no directions for sustainability)
  - Does not include the CIP Data for full "picture" of program health
- Improving and Evaluating Program Sustainability Fall 2023 - 2025
  - Develop a Cycle: Fall Program Reports Released to Deans, Division Chairs, and Faculty. Develop any improvement plan for Spring. Time to Review and Plan for Improvement.
  - Evaluation and Improvement Planning

# Academic Program Sustainability Improvements

- ① Academic Program Sustainability
- ② Review of Academic Offerings



# Proposed Timetable

- Stage 1: Developing the Evaluation Process and Compiling Evaluation Data: Sept. 16- 30
- Stage 2: Developing Recommendations for Reduction to Academic Offerings: Oct. 1-9 (Optional Program/Department Input Due Oct. 7)
- Stage 3: Consultation Process: October 9-24 (Optional Program/Department Response to Recommendations due Oct. 17)
- Stage 4: Final Determination of Reductions in Academic Offerings: Oct. 27

# Northland Program Fall Reporting

## Northland Program Reports

Internal Use Only

Northland Program Reports goes through program detailed Enrollment, Demographics, Course Success, and Persistence & Completion. Only students who have the selected program as their primary major are represented in this report. Each page is described below. Both concurrent and undergraduate students are included. Course drops and students who dropped before census have been removed.

**Enrollment:** Reflects headcount and FYE for the program selected.

**Enrollment by Program Location:** Reflects campus headcount for the program selected.

**Demographics:** Highlights key demographics of the students enrolled in the selected program.

**Underrepresented Students:** Highlights underrepresented demographics of the students enrolled in the selected program.

**Course Success:** Course success for all courses taken by students in the program selected.

**Required Courses (if listed):** Course success rates for required courses for the program selected.

**Recommended Courses (if listed):** Course success rates for other goal area courses and recommended elective courses for the program selected.

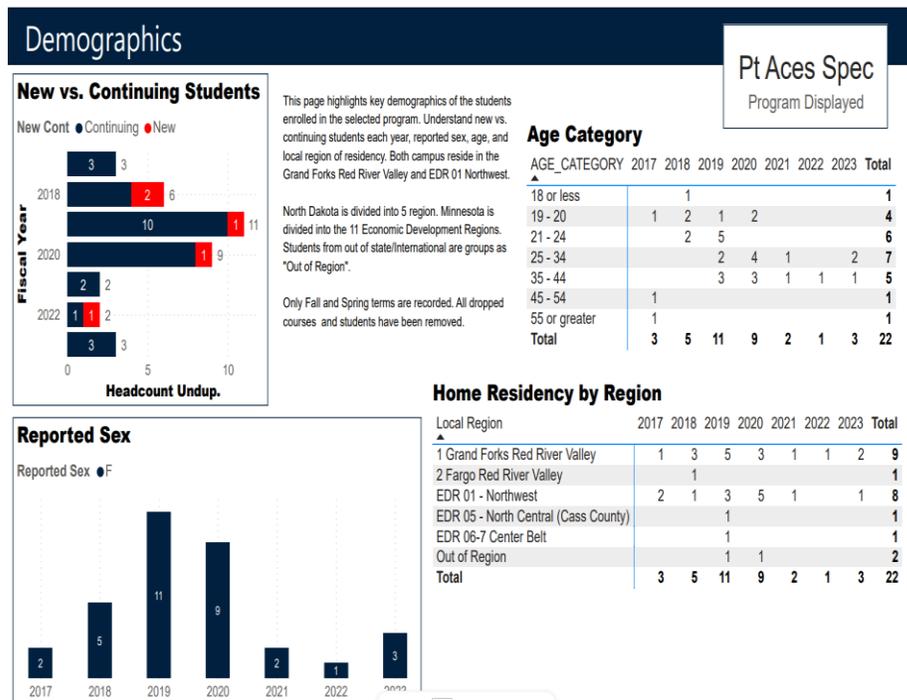
**Elective Courses:** Course success rates for remaining elective courses students took in the program selected.

**Persistence and Completion:** Understand persistence and completion rates for the program selected.

Sources:  
ISRS.V\_ST\_TERM\_DATA; ISRS.V\_ST\_COV; ODS.ST\_MAJOR\_YRTR; APPSODS.V\_DASH\_ENROLLMENT\_DTL; ISRS.V\_ST\_AWARDS; APPSODS.V\_DASH\_STUDENT\_PERSISTENCE\_DTL

Updated: August 8, 2023 by Northland Institutional Research

Pt Aces Spec  
Program Displayed



# Evaluation of Academic Programs

Northland Community Technical College  
Evaluation of Academic Programs FY2024

## Subject:

Medical Administration

## 6-digit CIP Codes

510708 *Used only for Degrees*

510710 *Used only for Degrees*

510713 *Used only for Degrees*

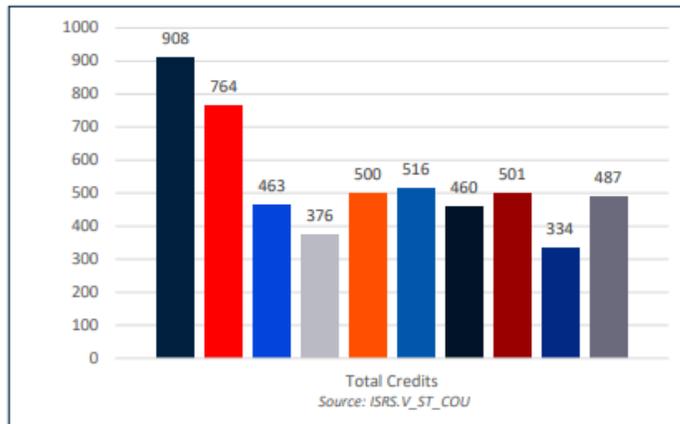
510716 *Used for courses and degrees*

## Allocated CIP Codes (Cost Study Comparison)

5107

## Credit Production

Total Credits	
2014	908
2015	764
2016	463
2017	376
2018	500
2019	516
2020	460
2021	501
2022	334
2023	487



Subject

CIP Codes

Cost Study Comparison CIP Codes

Credit Production

Full Year Equivalence at 30 Credits

Saturation Rates (seats filled by max capacity)

Overall Course Success Rate (C or higher for transferability)

Associated Programs

Degrees Awarded

Cost Study Comparison

# New Tracking Table Liberal Arts

Academic Program Data	Student Enrollment					Efficiency			Student Outcomes
	green = highest 25% of programs					green = more than 10% below avg.			green = highest 25% of programs
	red = lowest 25% of programs					red = more than 10% above avg.			red = lowest 25% of programs
Liberal Arts	Enrollment FY2023 Credits Sold	Enroll. Trend 2020-2023 FYE				Course Saturation Rate FY2023	Cost: NCTC Approp Expended per FYE (2021)	Cost: Difference from MnSCU Avg for subject (2021)	Course Success Rate
		2023	2022	2021	2020				
	318	11	12	15	23	59%	\$ 3,055.17	115%	87%
	327	11	13	17	22	41%	\$ 5,281.64	124%	75%
	31	1	1	1	1	14%	\$ 50,420.69	100%	100%
	5,630	188	168	219	207	72%	\$ 3,480.28	109%	86%
	968	32	36	38	36	69%	\$ 4,312.68	133%	50%
	772	26	32	33	31	62%	\$ 4,839.74	147%	60%
	105	4	3	4	4	73%	\$ 3,953.55	94%	86%
	585	20	24	27	27	77%	\$ 2,767.10	106%	95%
	0	0	0	0	1	0%			-
	2,649	88	105	113	171	70%	\$ 4,224.58	129%	81%
	145	5	6	7	8	85%			87%
	-	-	1	0	0				-
	675	23	27	25	23	62%	\$ 2,956.58	114%	83%
	315	11	10	10	19	20%	\$ 6,227.80	193%	84%
	150	5	7	8	7	69%	\$ 2,965.52	97%	78%

# New Tracking Table CTE

Academic Program Data		Student Enrollment				Efficiency				Student Outcomes							
		green = highest 25% of programs				Green = less than 10% below avg.				green = highest 25% of programs							
		red = lowest 25% of programs				red = more than 10% above avg.				red = lowest 25% of programs							
Programs	Allocated CIP	Total Credits Sold (Undergraduate & Concurrent)	Enrollment Trend 2020 - 2023 FYE				Saturation Rate (2023)	Expended Cost (2022, based on Allocated CIP)	Cost: NCTC Approp Expended per FYE (2021)	Cost: Difference from MnSCU Avg for subject (2021)	Course Success Rate 2023	Total Awards 2023 (by CIP Code)	Total Awards 2022 (by CIP Code)	Total Awards 2021 (by CIP Code)	Total Awards 2020 (by CIP Code)	Median Wage 2023	Projected Job Openings - Job Outlook *MN Deed, ND Insight, U.S. Bureau Labor Stat.
			2020	2021	2022	2023											
	5203	358	12	15	13	12	31%	\$109,579.58	\$4,449.03	121%	68%	7	7	9	3		
	5107	487	16	11	17	15	43%	\$79,317.43	\$7,124.53	175%	94%	13	14	23	26		
	5204	225	8	15	15	14	27%	\$76,996.10	\$5,167.52	126%	83%	6	10	6	6		
	100	194	6	9	14	11	30%	\$61,043.34	\$16,651.21	249%	97%	0	6	19	1		
	103	527	18	15	5	9	48%	\$63,053.75	\$4,079.04	45%	97%	0	0	0	0		
	109	28	1	4	3	2	21%	\$44,662.73	\$10,987.14	137%	80%	1	5	3	1		
	1513	336	11	17	22	22	26%	\$152,926.48	\$9,177.61	205%	86%	14	22	29	16		
	4706	159	5	14	15	12	25%	\$303,638.11	\$12,132.91	205%	100%	4	15	17	9		
	4706	570	19	11	8	17	43%	\$303,638.11	\$12,132.91	205%	89%	22	12	22	8		
	470607	1,224	41	30	40	37	59%	\$275,654.54	\$9,321.79	167%	96%	11	11	9	17		
	#N/A	89	3	7	6	6	24%	\$32,537.97	\$4,458.48	100%	98%	0	0	0	0		
	4602	209	7	13	10	12	43%	\$71,740.66	\$5,547.96	116%	94%	7	13	9	9		
	13	575	19	18	23	21	44%	\$159,473.91	\$8,844.43	205%	89%	17	19	28	11		

# Previous Sustainability Report

	A	B	C	D	E	F	G	H	I	J
1		<b>Definitions</b>	<b>FY2019</b>	<b>FY2020</b>	<b>FY2021</b>			<b>Plus/Minus</b>		
2	<b>PROGRAM</b>							<b>FY18</b>	<b>FY19</b>	
3	<b>Program FYE</b>	3 year trend used								
4	<b>Student FYE to Faculty FTE</b> (College goal is 17 to 1)	Benchmark: 15. Program requirements considered.								
5	<b>Percent Full by Section</b>	Benchmark: 67%								
6	<b>Revenue Divided by Expenses</b>	Benchmark: Budget Tool Factored for Program								
7	<b>Student Success Measure</b>	Benchmark: 67% [Grads/(Capacity x % Full)]								
8	<b>Assessment and Program Review Plan</b>	Annual Assessment and Five Year Review								
9	<b>Minnesota State Instructional Cost Study</b>	Benchmark: 110% Data lags one year								
10	<b>Score (out of 7)</b>									
11										
12	<b>Actual Revenue over Actual Expense</b>	<b>Program Budget Tool</b>								
13	<b># of Sections</b>									
14	<b>Average Section Size</b>									
15	<b>College % Full</b>									
16	<b>Faculty FTE</b>									
17	<b>Licensure or Exam Pass Rate</b>									
18	<b>Employment Placement Rate/Continuing Education</b>									
19	<b>Job Demand (Resource: ISEEK):</b>									
20	<b>Wage Outlook Information (state/national): (Resource: iSeek)</b>									
21	<b>Faculty Comments:</b>									
22										
23										
24	<b>Faculty Signature</b>			<b>Date</b>				<b>Please Return Signed Original to Academic Coordinator</b>		
25										
26										
27		<b>Tuition Per FYE:</b>	<i>2014</i>	<i>2013</i>	<i>2012</i>	<i>2011</i>	<i>2010</i>	<i>2009</i>		
28		General	\$4,950	\$4,950	\$4,760	\$4,577	\$4,422	\$4,410		
29		Health	\$5,700	\$5,700	\$5,360	\$5,176	\$5,022	\$5,010		
30		Aviation	\$5,941	\$5,941	\$5,713	\$5,493	\$5,493	-		
31		Distance	\$5,970	\$5,970	\$5,970	\$5,970	\$5,970	-		
32		CVOP	\$8,674	\$8,674	\$8,340	\$8,040				
33		UAS	\$9,000	\$9,000	\$9,000					
34										
35	*In FY2014 the measures and layout of sheets underwent a significant revision. FY 12 and FY 13 data was transferred for fields where measure remained constant. Other fields are new or added and may not reflect data prior to FY 2014. Program Data Sheets with older program data (FY2005-FY2013) are available on the N Drive.									
36										
37										

# Previous Evaluation of Academic Programs

## Program Sustainability-Program Data Analysis

### Criteria Evaluation

Criteria	Evaluation/Measure	Plus	Minus
Program FYE	3 year trend is used to evaluate program FYE.	Stable FYE Upward trend	Downward trend
FYE/FTE	Benchmark: 15 Specific program requirements will be considered with the benchmark, including but not limited to: class/lab size, section numbers, and clinical requirements.	$\geq 15$	$< 15$
Percent Full by Section	Benchmark: 67% full The benchmark will be used in combination with trend data.	$\geq 67\%$ Upward trend will be noted	$< 67\%$ Downward trend will be noted
Weighted Revenue over Actual Expense by Program	Benchmark: \$0.00.	$\geq \$0.00$	$< \$0.00$
Student Success Measure	Benchmark: 80% after 2 terms	$\geq 80\%$	$< 80\%$
Assessment & Review Plan	Annual Assessment and Five Year Review Plans Satisfactorily Completed	Yes	No
Minnesota State Instructional Cost Study	Benchmark: 110% Data Lags One Year	$\leq 110\%$	$> 110\%$

Assessment Scale	
5-7	Green
3-4	Yellow
0-2	Orange

Effective September 2019

# Former Evaluation Compilation

Former created a Table showing a Compilation of the Green, Yellow, and Orange

New plan includes an improvement plan documentation

## PROGRAM EFFECTIVENESS

2018-2019	2019-2020	2020-2021
Business AS - CW Const Elect - EGF Nursing AD - CW Phlebotomy - EGF Physical Ther Asst - EGF Radiologic Tech - EGF	Business AS - CW Const Elect - EGF Medical Admin EGF Nursing AD - CW Nursing Practical - CW Physical Ther Asst - EGF Radiologic Tech - EGF	Accounting - CW Admin Support - EGF Business AS - CW Computer Network - EGF Const Elect - EGF Nursing Practical - CW Phlebotomy - EGF Radiologic Tech - EGF Surgical Tech - EGF Sales, Mktg, Mgmt - EGF
Accounting - EGF Admin Support - EGF Animal Science - TRF Automotive - TRF Aviation Maint - TRF Carpentry - EGF Computer Network - EGF Criminal Just - TRF Dietetic Tech - OL Elec Tech Auto Sys - TRF Farm Ops Mgmt - EGF Manufacturing Tech - EGF Medical Admin - OL Occ Therapy - EGF Nursing Practical - CW Precision Ag - TRF Sales, Mktg, Mgmt - EGF Surgical Tech - EGF UAS Maint - TRF	Accounting - CW Admin Support - EGF Auto Service - TRF Carpentry - EGF Computer Network - EGF Criminal Just - TRF Electronics Tech General Ag Manufacturing Tech - EGF Sales, Mktg, Mgmt - EGF Surgical Tech - EGF UAS Maint - TRF Welding - EGF	Animal Sciences - TRF Auto Body - TRF Aviation Maintenance Carpentry - EGF Const Plumbing - EGF Dietetic Technician EGF Farm Ops Mgmt EGF General Ag HVAC - EGF Medical Admin EGF Nursing AD - CW Occ Therapy - EGF Pharmacy Tech - EGF Physical Ther Asst - EGF UAS Maint - TRF Welding - EGF
Architectural Tech - EGF Auto Body - TRF Const Plumbing - EGF CVOP - EGF Early Child Para - EGF Fire Technology - EGF HVAC - EGF GIS/Imagery Analysis - TRF Paramedic - EGF Pharmacy Tech - EGF Respiratory Ther - EGF Welding - EGF Welding - TRF	Animal Sciences - TRF Architecture - EGF Auto Body - TRF Aviation Maintenance Const Plumbing - EGF Dietetic Technician EGF Early Child Para - EGF Farm Ops Mgmt EGF Fire Technology - EGF HVAC - EGF GIS/Imagery Analysis - TRF Occ Therapy - EGF Paramedic - EGF Pharmacy Tech - EGF Phlebotomy - EGF Precision Ag - TRF Respiratory Ther - EGF Welding - TRF	Architecture - EGF Auto Service - TRF Criminal Just - TRF Early Child Para - EGF Electronics Tech Fire Technology - EGF GIS/Imagery Analysis - TRF Manufacturing Tech - EGF Paramedic - EGF Precision Ag - TRF Respiratory Ther - EGF Welding - TRF

# Campus Discussions (in progress)

Group Presented	Semester
Shared Governance	Spring 23, Summer 23, Fall 23
AASC	Spring 23, Fall 23
Cabinet	Spring 23, Summer 23, Fall 23