LOUISIANA'S COMMUNITY & TECHNICAL COLLEGE SYSTEM

Program Health Index Report

Part A: Program Information

COLLEGE:	Northshore Technical Community College		YEAR IN REVIEW:	2021-2022	
PROGRAM CIP CODE:	470604	CREDIT HOURS:	46	CONTACT HOURS:	N/A
PROGRAM TITLE:	Automotive Technology	PROGRAM SOC CODE:		49-3023	
LINK FROM WEBSITE/CATALOG TO CURRICULUM:	Program Catalog Link				

CAMPUSES OFFERING PROGRAM
☐ MAIN CAMPUS   ☐ ALL CAMPUSES   ☒ SITES (LIST BELOW)   ☐ DISTANCE LEARNING
1. Florida Parishes Campus 2. Hammond Campus 3. Rayburn Correctional Center

PROGRAM STAR RATING
☐ 5 Stars   ☒ 4 Stars   ☐ 3 Stars   ☐ 2 Stars   ☐ 1 Star

AWARDS OFFERED	
Award Level(s): ☐ Associate of Applied Science (A.A.S.) ☐ Associate of Science (A.S.) ☐ Associate of Arts (A.A.) ☐ Other Associate Degree Name:	☒ Technical Diploma (T.D.) ☒ Career and Technical Certificate (C.T.C.) ☒ Certificate of Technical Studies (C.T.S.) ☐ Certificate of Applied Science (C.A.S.) ☐ Certificate of General Studies (C.G.S.)

SECTION 1: ENROLLMENT, RETENTION, AND COMPLETION				
AY		# STUDENTS ENROLLED		DISCUSS ENROLLMENT HISTORY AND ENROLLMENT FOR PROGRAM SUSTAINABILITY (IF INCREASED, INCLUDE EVIDENCE OF CONTRIBUTING FACTORS/IF DECREASED, DISCUSS RATIONALE AND IMPLEMENTATION PLANS FOR IMPACT)
2021-2022		70	-1% (from baseline)	
2020-2021		69	-3% (from baseline)	
2019-2020		71	Baseline	

DISCUSS ENROLLMENT TRENDS

The Automotive Technology program experienced a 1% change decrease in enrollment from year one to year three. Program enrollment has remained steady for the most recent three year period.

Recruitment initiatives include NTCC attendance at college fairs targeted at high school students and the general public, utilization of Recruit software to communicate with prospective students, hosting on-campus open house events that highlight our various programming, supplementing recruitment efforts with the use of social media as well as other forms of media and advertisement. Additionally, college-wide admissions and recruitment efforts are overseen by our Director of Admission. Lastly, NTCC's strategic plan focuses on realizing institutional goals and objectives directly related to program expansion and student achievement. Taken together, these efforts are expected to positively impact program enrollment.

Source: IPEDS 12 Month Unduplicated Enrollment; Summer semester leading
Note: Students may change majors throughout the academic year. To account for this, students' major (as coded in Banner) as of their term last enrolled was used.

ENTER GRADUATES BY AWARD TYPE

AY	Associate	Diploma	Certificate	CTC (A1 & A2)	"Pre" programs	Total (unduplicated) Completers
2021-2022	-	17	24	5		**46**
2020-2021	-	28	15	56	N/A	**99**
2019-2020	-	13	25	26		**64**

TOTAL CREDENTIALS AWARDED**

AY	Associate	Diploma	Certificate	CTC	Total Awards
2021-2022	-	17	46	114	**177**
2020-2021	-	28	29	162	**219**
2019-2020	-	13	55	131	**199**

DISCUSS COMPLETION TRENDS

*Completer/Graduate number is unduplicated by highest credential earned, meaning that each student is counted once, regardless of the number of credentials earned within a given year.

Listed below is the total number of unduplicated completers/graduates per academic year, across all award types:

AY 2021-2022: 46
AY 2020-2021: 99
AY 2019-2020: 64

The total unduplicated, number of program completers each academic year has fluctuated. Over the specified three-year period, the program has completed an average of 70 students annually.

**Total Credentials Awarded indicates the total number of program credentials awarded within a given academic year. This number is duplicated; meaning that a student may have been awarded more than one credential within a given program within an academic year.

FALL TO SPRING RETENTION		
AY	# OF STUDENTS RETAINED	% OF STUDENTS RETAINED
Fall 2021 to Spring 2022	15 (out of 16)	94%
Fall 2020 to Spring 2021	15 (out of 16)	94%
Fall 2019 to Spring 2020	19 (out of 21)	90%
Three-year average:		**93%**

Source: State Operational Plan
Note: Data represent the percentage of first-time, full-time, degree seeking students enrolled during a given fall semester who returned to the College in the following spring semester. Students who transferred in the Spring semester were excluded from retention calculations.

		AVERAGE TOTAL COST OF ATTENDANCE FOR STUDENTS IN PROGRAM
2021-2022	Associate	-
	Diploma	$6,455.52
	Certificate	$4,203.04

Program cost of attendance is based on completion of the program at the indicated exit level by a full-time student enrolled in 12-15 credit hours per semester. Tuition & Fees for students enrolled in 12-15 credit hours = $2,101.52.

AVERAGE MONTHS TO COMPLETION BY AWARD TYPE				
	Associate	Diploma	Certificate	CTC
	24 months/4 semesters	18 months/3 semesters	12 months/2 semesters	5 months/1 semester

# CREDIT & CLOCK HOURS TO COMPLETION BY AWARD TYPE					
Associate-Credit	N/A	Diploma-Credit	46	Certificate-Credit	26
Associate-Clock	N/A	Diploma-Clock	N/A	Certificate-Clock	N/A

SECTION 2: JOB DEMAND, PLACEMENT, AND TRANSFERS			
	EMPLOYMENT OPPORTUNITIES UPON EXIT PER AWARD LEVEL	AVERAGE LOCAL SALARY*	AVERAGE STATE SALARAY*
Associate	Automotive Service Technicians and Mechanics (49-3023)	$46,344 (HAM-MSA) [+]	$48,494
Diploma			
Certificate	N/A		
CTC (A1 or A2)			

SHORT-TERM ANNUAL DEMAND FOR GRADUATES**:	1,740
LONG-TERM ANNUAL DEMAND FOR GRADUATES**:	755

*Average salary data retrieved from Louisiana Workforce Commission, Wages and Labor Data, LMI Statistics, Occupational Wage Data (2021)
https://www.laworks.net/LaborMarketInfo/LMI_WageDataMap2009toPresent.asp?Year=2021

[+] HAM-MSA = Hammond Metropolitan Statistical Area

** Number represents the estimated number of job openings annually. Demand data retrieved from Louisiana Workforce Commission, Wages & Labor Data, LMI Statistics, Projections by Occupation and Industry, Statewide Short-term Occupational Projections for All Occupations to 2023, Statewide Long-term Occupational Projections for All Occupations to 2030.
https://www.laworks.net/LaborMarketInfo/LMI_OccAllProj_short.asp?years=20212023
https://www.laworks.net/LaborMarketInfo/LMI_OccAllProj.asp?years=20202030

	# STUDENTS TRANSFERRING
INCLUDE MOST RECENT AND HISTORICAL NUMBER OF TRANSFERS (IF APPLICABLE) AND THE INSTITUTION OF TRANSFER	
	Program not intended for transfer.

SECTION 3: REVENUE AND COSTS	
COST TO COLLEGE TO OFFER PROGRAM (MOST RECENT FY):	$405,397.00
TOTAL REVENUE GENERATED FROM PROGRAM (MOST RECENT FY):	$156,576.48
REVENUE MINUS COST (NET REVENUE):	$(248,820.52)

*Cost to college obtained from NTCC Operating Budget Booklet, BOR-4, Total Costs by Function
**Total program revenue obtained from Tuition Fee Income Data by CIP Cognos report. Report excludes waivers from revenue generated totals. Note: The total program revenue amount only includes revenue generated from student tuition and fees and does not take into account other sources of program revenue (e.g. state appropriations).

SECTION 4: PARTNERSHIPS AND ADVISORY COMMITTEE (IF APPLICABLE)									
Business Name	College Program	Serves on an Advisory Committee	Hires Graduates	Donates Resources	Provides Scholarships	Provides Internships to Students / Graduates	Engages in Contact Training	New Program Creation	Other (list)
1. Auto Zone	AUTO		X	X		X			
2. Gerry Lane Enterprises	AUTO	X			X		X	X	
3. Hood Automotive	AUTO	X	X		X	X			
4. Northshore Toyota	AUTO	X	X	X					
5. Allen Toyota	AUTO		X	X		X			
6. Roe's Pro Auto	AUTO	X	X	X		X			
7. Magic City Transmissions	AUTO	X	X			X			
8. Acura of Baton Rouge	AUTO	X	X			X			

SECTION 5: PROGRAM ASSESSMENT

List program goals for enrollment, completion, and retention for the next 3 years.

1. Enrollment Goal: 7% change increase in enrollment
   a. From 70 students enrolled in 2021-2022 to 75 students enrolled by 2024-2025
2. Completion Goal: Increase number of unduplicated completers.
   a. From 46 completers in 2021-2022 to 50 completers by 2024-2025
3. Retention Goal: 1% point increase in fall to spring retention
   a. From 94% retained in 2021-2022 to 95% retained by 2024-2025

Discuss Program Learning Outcomes (PLOs) and address what are they, how are they measured (final capstone course, standardized exam, etc..) and the process for re-evaluation (frequency of assessment). Please indicate which national standard (if any) you are using to establish program learning outcomes.

1. Program Learning Outcomes (PLOs):
   - Perform engine performance diagnostics with testing equipment commonly used in the industry.
   - Operate tools and equipment commonly used in the automotive industry including hand tools, power tools, measuring equipment, and lifting equipment.
   - Facilitate diagnosis and repair of ABS, disc brake, and drum brake systems.
   - Conduct corrective action for steering and suspension concerns based on diagnosis.

2. Indicate how you are measuring PLOs:
   - NTCC faculty members and Associate Provosts develop program-level operational outcomes and student learning outcomes for each educational program offered by the college. Programs of study at NTCC have a minimum of five program-level student learning outcomes. Multiple measures are adopted for each program-level student learning outcome, one of which must be a direct measure of learning (i.e. as the results of an exam).

3. PLO Frequency of assessment:
   - Assessment is conducted over a two-year period. A formative report is submitted after the conclusion of the first year within a cycle to document progress related to student achievement. At the conclusion of the two-year cycle, a summative report is submitted for each program which analyzes assessment findings as well as documents results and evidence. Upon the close of a cycle, faculty develop and implement action plans that seek to improve teaching and learning within the program related to achievement of each program-level student learning outcome.

4. Indicate National Standard used to establish PLOs (if applicable)

Part B: Program Recommendations

RECOMMENDATIONS
CHANCELLOR / DIRECTOR RECOMMENDATION ON PROGRAM: CONTINUE, MODIFY, TERMINATE, OR EXPAND
INCLUDE MOST RECENT PROGRAM HEALTH INDEX REPORT WITH RECOMMENDATIONS (IF RECOMMENDATIONS WERE MADE)
N/A; no recommendations were made.
PROVIDE A SHORT NARRATIVE THAT INCLUDES THE PROGRAM'S PLAN FOR ADDRESSING EACH RECOMMENDATION (IF APPLICABLE)

SIGNATURES:

(signature)   3/29/23

College Chief Executive Officer   Date