

# **Instructional Program Review**

## Program: Automotive Technology

Academic Year: 2023-2024

Author(s): Chris Haley

Accepted by Academic Senate: December 12, 2023

Accepted by Consultation Council: January 8, 2024

Accepted by Governing Board: January 9, 2024

# Executive Summary

The executive summary should be a consolidation of key findings, program plans, and participants that contributed to the review

- The automotive Technology Program consists of one full time Faculty member, Chris Haley. The automotive Technology programs are comprised of multiple vocational career pathways designed to support the educational needs of our community and the surrounding region. Current program offerings include:
  - Engine Repair
  - Chassis Electrical
  - Automatic Transmissions and Other Components.

The student will also study the diagnostic procedures necessary to determine simple and complex problems, fix them and provide ongoing maintenance. He or she will also develop an in-depth understanding of why cars work the way they do, allowing you to better fix and maintain vehicles, and provide a higher level of service. The student will also learn to Identify terms associated with automobiles as well as automotive components along with basic identification and proper use of various hand and power tools and shop equipment.

This program offers an Associate in Science in Automotive Technology, Certificates of Achievement in Advanced Mechanics, Engine Repair, and General Mechanics.

This program is ASE Education Foundation Accredited. The ASE Education Foundation is a non-profit organization that evaluates and accredits entry-level automotive technology education programs against standards developed by the automotive service industry. It also develops career-readiness education for students which fuse local partnerships, rigorous standard-based education, workplace experience, and mentorship together.

Many career opportunities that this program prepares students for are: service manager, fleet repair, mechanic, parts man, and service writer.

# SECTION 1: ACADEMIC PLANNING

## Program Overview, Objectives, and Student Learning Outcomes

The Automotive Technology Program is aligned with the vision and mission of LCC. The Automotive Technology Program is striving to be an academic leader in our region related to Automotive pathways, providing quality instruction, and encouraging student success. The department is dedicated to expanding outreach and student access with an equity mindset acting as an educational leader. The department is a trusted steward providing capable leadership and accountability, dedicated as a cultural leader in the community, acting as a civic and social leader in the community. These values are evident through the program's commitment to students and outreach to our community.

### LCC Vision

Lassen College will be a highly efficient self-sustaining rural community college, a catalyst for the region's image, economy, and human capital, and an example of a "we can" culture" of collective impact by being:

- The Academic Leader by ensuring quality instruction and encouraging student success
- The Educational Leader by expanding outreach and student access with an equity mindset
- A Trusted Steward by providing capable leadership and accountability
- The Economic and Workforce Development Leader for the community
- The Cultural Leader in the community
- The Civic and Social Leader in the community

The Automotive Technology department provides programs for individuals pursuing higher education goals and mentors' students through the process. The program serves a diverse population of students with an equity mindset always striving to better understand the needs of students and provide areas for support.

### LCC Mission

Lassen Community College provides programs for all pursuing higher education goals. The core programs offer a wide range of educational opportunities including transfer degrees and certificates, economic and workforce development, and basic skills instruction. The College serves diverse students, both on campus and in outreach areas in its effort to build intellectual growth, human perspective, and economic potential.

The Lassen Community College Automotive Technology Department offers a combination of multiple automotive career pathways and programs including:

1. Associates in Arts Automotive Technologies
2. Certificate Of achievement Advanced Mechanics

### 3. Certificate Of achievement Advanced Engine Repair

Labor market data shows that there is an abundance of job opportunities available in all career paths currently offered at LCC as well as future planned offerings. The Automotive Technology department currently offers an automotive career pathway through the local high school. Students begin the pathway their junior year and have an opportunity to complete prerequisite courses for an automotive pathway during high school.

**Student Achievement and Learning Outcomes**  
**Trends and Patterns in Student Achievement**  
**Course Success Rates**

***Course Success Rate***

This figure demonstrates LCC Automotive Technology course success percentage over the past five years. Blank boxes indicate that the course was not offered during that time frame.

<b>Course Success Rate</b>	<b>2019-20</b>	<b>2020-21</b>	<b>2021-22</b>	<b>2022-23</b>
<b>Program-Level</b>				
Automotive Technology Overall Success Rate	88%	79%	79%	80%
Lassen College Success Rate	80%	77%	78%	77%
<b>Course-Level</b>				
AT-150				
AT-49	100%	100%	100%	
AT-50	82%	73%	81%	79%
AT-54		83%	75%	57%
AT-56		78%	67%	80%
AT-58	73%	80%		82%
AT-60	80%	75%		86%
AT-66	100%		83%	
AT-68	92%	67%		83%
AT-70	100%	75%	82%	80%
AT-72		80%		69%
AT-74		80%		67%
AT-80		82%	71%	88%
AT-82	88%		100%	100%
AT-84	86%		75%	67%
AT-90				100%
AT-91		100%		
<b>Modality</b>				
C - Correspondence				
F - Face-to-Face	88%	82%	83%	82%
H - Hybrid	100%	78%	72%	78%
N - Internet		75%		86%

<b>Course Success Rate</b>	<b>2019-20</b>	<b>2020-21</b>	<b>2021-22</b>	<b>2022-23</b>
<b>Program-Level</b>				
Automotive Technology Overall Success Rate	88%	79%	79%	80%
Lassen College Success Rate	80%	77%	78%	77%
<b>Gender</b>				
Female	100%	77%	78%	68%
Male	83%	79%	79%	82%
Unreported				
<b>Ethnicity</b>				
American Indian or AK Native	91%	100%	100%	90%
Asian				100%
Black or African American	100%	100%		100%
Filipino		100%		
Hispanic or Latinx	62%	38%	91%	79%
Pacific Islander or HI Native				
Unreported	88%	75%	83%	90%
White	93%	83%	65%	75%
<b>Age Group</b>				
17 and Younger	88%	80%	86%	80%
18 to 24	86%	92%	80%	79%
25 to 49	90%	67%	57%	70%
50 and Older		71%	83%	100%
Unreported				

The institution has experienced a campus-wide decline in retention rates since returning to on campus learning after the pandemic. The LCC Automotive Technology department has experienced the same decline. These trends are being analyzed and plans are being created to address the decline in retention across the board. These retention concerns are being explored at the student level in the AT department and an action plan is in the process of being created to ensure student success. Actions include increases in student services including behavioral health and assistance with food insecurities. Further, the Automotive Technology Faculty has worked to check in regularly with students to determine further barriers to retention.

### ***Course Retention Rates***

This data displays Automotive Technology course retention rates over the past five years as a percentile and further defines retention by modality.

Course Retention Rate	2019-20	2020-21	2021-22	2022-23
<b>Program-Level</b>				
Automotive Technology Overall Retention Rate	99%	86%	88%	90%
Lassen College Retention Rate	91%	88%	89%	89%
<b>Course-Level</b>				
AT-150				
AT-49	100%	100%	100%	
AT-50	100%	90%	88%	89%
AT-54		83%	88%	86%
AT-56		78%	83%	95%
AT-58	91%	80%		100%
AT-60	100%	75%		100%
AT-66	100%		83%	
AT-68	100%	67%		92%
AT-70	100%	75%	91%	80%
AT-72		80%		69%
AT-74		80%		67%
AT-80		91%	93%	96%
AT-82	100%		100%	100%
AT-84	100%		75%	100%
AT-90				100%
AT-91		100%		
<b>Modality</b>				
C - Correspondence				
F - Face-to-Face	99%	82%	87%	89%
H - Hybrid	100%	88%	90%	90%
N - Internet		75%		100%

<b>Course Retention Rate</b>	<b>2019-20</b>	<b>2020-21</b>	<b>2021-22</b>	<b>2022-23</b>
<b>Program-Level</b>				
Automotive Technology Overall Retention Rate	99%	86%	88%	90%
Lassen College Retention Rate	91%	88%	89%	89%
<b>Gender</b>				
Female	100%	85%	83%	72%
Male	98%	86%	89%	94%
Unreported				
<b>Ethnicity</b>				
American Indian or AK Native	100%	100%	100%	90%
Asian				100%
Black or African American	100%	100%		100%
Filipino		100%		
Hispanic or Latinx	100%	38%	91%	88%
Pacific Islander or HI Native				
Unreported	88%	100%	100%	100%
White	100%	90%	80%	88%
<b>Age Group</b>				
17 and Younger	88%	95%	100%	98%
18 to 24	100%	96%	85%	85%
25 to 49	100%	67%	64%	80%
50 and Older		71%	83%	100%
Unreported				

## Awards

<b>Degree and Certificates</b>	<b>2018-19</b>	<b>2019-20</b>	<b>2020-21</b>	<b>2021-22</b>
Automotive Technology Degrees Awarded	3	2	1	2
Lassen College Degrees Awarded	260	340	297	321
Automotive Technology Certificates Awarded	5	1	1	1
Lassen College Certificates Awarded	128	162	107	137
<b>Degree or Certificate Program</b>				
AS Automotive Technology	3	2	1	2
Cert. of Achievement Advanced Mechanics	4	1	2	2
Cert. of Achievement Engine Repair	1		1	1

## Achievement

The Automotive Technology department provides a low number of awards and Degrees in relation to the rest of Lassen Community College. The program will focus on enrolment and retention over the next year to increase enrolment and student success.

## Equity

Data trends show that the Automotive Technology department serves a diverse population of students who obtain success in the programs offered. There appears to be an equity gap in the program success rate for students who identify Hispanic and the Age demographic of 25-49. Faculty will continue to monitor that and make changes were apical. We do attribute some of this to low attendance and that causes the percentage to make drastic drops and rises. The department will also ensure that the Equity Plan that is being created by the student services department is tied into plans once it is made available.



The department is dedicated to ensuring an equitable opportunity for students and has added an equity statement to all course outlines. Further faculty have participated in multiple equity training and have implemented practices learned in the classroom. Faculty have also taken steps to receive training on equity and accessibility and will continue to implement practices learned to ensure an inclusive learning environment that supports the success of all students.

## Student Learning Outcomes

All Automotive Technology SLO results have remained above average with 80% achievement on most and no less than 70% achievement on some. ALL AT SLOs and SLO maps have been reviewed and submitted to curriculum for approval with no changes. Apart from AT49 and AT60 those have been moved to the Required elective category to allow students in the field to count that work experience towards their education pathway. All SLO data and PSLO data is available for review in the new data portal.

Course Assessed	Recommendations for Improvement
AT-49: Auto Tech Work Experience	Moved To required elective
AT-50: Car Care Basics	No change Recommended
AT-54: Brakes	No change Recommended
AT-56: Steering and Suspension	No change Recommended
AT-58: Automotive Heating and Air Con	No change Recommended
AT-60: Shop Management and Writer	Moved to required Elective
AT-66: Manual Dr Train	No change Recommended
AT-68: Automatic Transmissions	No change Recommended
AT-70: General Automotive Lab	No change Recommended
AT-72: Engine Repair Short Block	No change Recommended
AT-74: Engine Repair Cylinder Heads	No change Recommended
AT-80: Basic Electrical	No change Recommended
AT-82: Engine Performance I	No change Recommended
AT-84: Engine Performance II	No change Recommended
AT-90: Automotive Survival	No change Recommended
AT-90A: Automotive Survival Lab	No change Recommended
AT-91: Smog Check Level 2	No change Recommended
AT-150: Automotive Maintenance	No change Recommended
AT-151: Automotive Chassis System	No change Recommended

**PSLO Summary:** Automotive Technology: Automotive Electrical Certificate of Achievement (Date Last Reviewed 8/2023)

**Measure:** Ratio of achieved SLOs to SLOs assessment. **Target:** 75% of PSLOs will be achieved.

Program Student Learning Outcomes	Summarize Findings
PSLO 1	Diagnose basic automotive electrical system malfunctions; execute the appropriate corrective steps and verify the problem has been resolved.
PSLO 2	Perform preventative maintenance and basic electrical system testing to verify proper operation of automotive starting, charging, and lighting systems.
Recommendations for Improvement	
Over the past five years all Current PSLO success rates are at 100%, substantially higher than the set goal.	

**PSLO Summary:** Automotive Technology: Basic Mechanics Certificate of Achievement (Date Last Reviewed 8/2023)

**Measure:** Ratio of achieved SLOs to SLOs assessment. **Target:** 75% of PSLOs will be achieved.

Program Student Learning Outcomes	Summarize Findings
PSLO 1	Diagnose basic automotive drivetrain malfunctions; execute the appropriate corrective steps and verify the problem has been resolved.
PSLO 2	Perform automotive preventative maintenance according to industry standards
PSLO 3	Perform standard documentation found on automotive repair orders.
Recommendations for Improvement	
Over the past five years all Current PSLO success rates are at 100%, substantially higher than the set goal.	

**PSLO Summary:** Automotive Technology: Engine Repair Certificate of Achievement (Date Last Reviewed 8/2023)

**Measure:** Ratio of achieved SLOs to SLOs assessment. **Target:** 75% of PSLOs will be achieved.

Program Student Learning Outcomes	Summarize Findings
PSLO 1	Diagnose various automotive engine system malfunctions: execute the appropriate corrective steps and verify the problem has been resolved.
PSLO 2	Perform automotive preventative maintenance according to industry standards.
PSLO 3	Perform standard documentation found on automotive repair orders.
Recommendations for Improvement	
Over the past five years all Current PSLO success rates are at 100%, substantially higher than the set goal.	

**PSLO Summary:** Associate in science degree (Date Last Reviewed 8/2023)

**Measure:** Ratio of achieved SLOs to SLOs assessment. **Target:** 75% of PSLOs will be achieved.

Program Student Learning Outcomes	Summarize Findings
PSLO 1	Diagnose a specific automotive malfunction; execute the appropriate corrective steps and verify the problem has been resolved.
PSLO 2	Perform general maintenance and upkeep procedures on a variety of automobiles.
PSLO 3	Perform general maintenance and upkeep procedures on a variety of automobiles.
Recommendations for Improvement	
Over the past five years all Current PSLO success rates are at 100%, substantially higher than the set goal.	

**PSLO Summary:** Automotive Technology: Automotive Chassis and Maintenance Certificate of Completion (Date Last Reviewed 8/2023)

**Measure:** Ratio of achieved SLOs to SLOs assessment. **Target:** 75% of PSLOs will be achieved.

Program Student Learning Outcomes	Summarize Findings
PSLO 1	Perform automotive maintenance in accordance with industry standards.
PSLO 2	Perform standard documentation found on automotive repair orders.
Recommendations for Improvement	
For 2019-2020 only 50% were able to meet the current PLSO for the program. This is due to low enrollment causing the percentage to drop dramatically by one or two students not meeting the PSLO. However, for 2022-2023 The percentage came back up to 100% substantially higher than the set goal.	

## Enrollment Management

Representation of program enrolment by FTES and FTEF over the past five years.

<b>Enrollment Management</b>	<b>2019-20</b>	<b>2020-21</b>	<b>2021-22</b>	<b>2022-23</b>
Automotive Technology Enrollment Overall	130	104	86	209
Lassen College Census Enrollment	14,318	12,243	11,847	11,195
Automotive Technology Full-Time Equivalent Students (FTES)	17.9	18.3	13.7	27.6
Lassen College Full-Time Equivalent Students (FTES)	1,538.3	1,283.8	1,200.6	1,153.9
Automotive Technology Number of Sections	12	15	10	18
Lassen College Number of Sections	851	758	818	769
Automotive Technology Fill Rate	40%	34%	33%	47%
Lassen College Fill Rate	50%	52%	48%	51%
Automotive Technology Full-Time Equivalent Faculty (FTEF)	1.5	1.9	1.4	2.2
Lassen College Full-Time Equivalent Faculty (FTEF)	79.8	70.7	74.5	72.4
Automotive Technology FTES/FTEF	12.0	9.8	10.0	12.4
Lassen College FTES/FTEF	20.1	19.0	17.1	16.6

The following data represents program enrolment in AT courses at LCC over the past five years including modality. The majority of LCC AT courses were able to remain Face-to-Face during the pandemic thanks to low infection rates in student population and procedural safety measures.

<b>Enrollment</b>	<b>2019-20</b>	<b>2020-21</b>	<b>2021-22</b>	<b>2022-23</b>
<b>Program-Level</b>				
Automotive Technology Enrollment Overall	130	104	86	209
<b>Course-Level</b>				
AT-150	20			44
AT-49	1	3	1	
AT-50	11	30	16	28
AT-54		6	8	7
AT-56		9	6	20
AT-58	14	5		11
AT-60	16	4		7
AT-66	12		6	
AT-68	13	3		13
AT-70	27	7	19	17
AT-72		5		13
AT-74		5		9
AT-80		22	14	24
AT-82	8		8	3
AT-84	8		8	5
AT-90				8
AT-91		5		
<b>Modality</b>				
C - Correspondence				
F - Face-to-Face	129	26	57	114
H - Hybrid	1	74	29	88
N - Internet		4		7

This data aggregates student demographics in the AT programs and is utilized to ensure gaps in equity are addressed to ensure student success.

<b>Enrollment</b>	<b>2019-20</b>	<b>2020-21</b>	<b>2021-22</b>	<b>2022-23</b>
<b>Program-Level</b>				
Automotive Technology Enrollment Overall	130	104	86	209
<b>Gender</b>				
Female	42	13	20	36
Male	88	91	66	173
Unreported				
<b>Ethnicity-Race-Ancestry</b>				
American Indian or AK Native	17	13	18	13
Asian				3
Black or African American	8	1		12
Filipino		2		
Hispanic or Latinx	21	13	11	29
Pacific Islander or HI Native	2	1		1
Unreported	11	8	6	12
White	71	66	51	139
<b>Age Group</b>				
17 and Younger	8	42	36	51
18 to 24	56	24	20	70
25 to 49	56	23	18	59
50 and Older	10	15	12	29
Unreported				

Data trends above show that the AT department has experienced a shift in enrollment, FTES, FTES/FTEF, and fill rates in alignment with trends experienced by the institution. Program priority this year is to increase enrolment into current and proposed programs through ensuring adequate staffing and advertising. Retention will also be prioritized through ensuring adequate staffing and student support service





## Curriculum

### Degrees and/or Certificates

Degree or Certificate Title	Award Type	Term of Last Revision
Cert. of Achievement Advanced Mechanics	CA-N	11/8/2023
AS Automotive Technology	AS	11/8/2023
Cert. of Achievement Engine Repair	CA-N	11/8/2023

All AT Certificates and Programs have been reviewed with no revisions made and sent to Curriculum Committee on 10/23/2023 for review at the 11/7/2023 Curriculum Committee Meeting and were excepted at that meeting.

### Courses

There have been no substantial revisions made to any current courses, minor revisions submitted to curriculum are included in the list below but do not change course content or intent.

Course	Last Offered	Term of Last Revision
AT-49: Auto Tech Work Experience	Fall of 2023	Fall of 2023
AT-50: Car Care Basics	Fall of 2023	Fall of 2023
AT-54: Brakes	Fall of 2023	Fall of 2023
AT-56: Steering and Suspension	Spring of 2023	Fall of 2023
AT-58: Automotive Heating and Air Con	Spring of 2023	Fall of 2023
AT-60: Shop Management and Writer	Spring of 2023	Fall of 2023
AT-66: Manual Dr Train	Fall of 2023	Fall of 2023
AT-68: Automatic Transmissions	Spring of 2023	11/7/2023
AT-70: General Automotive Lab	Fall of 2023	Fall of 2023
AT-72: Engine Repair Short Block	Fall of 2022	11/7/2023
AT-74: Engine Repair Cylinder Heads	Fall of 2022	Fall of 2023
AT-80: Basic Electrical	Spring of 2023	11/7/2023
AT-82: Engine Performance I	Fall of 2023	Fall of 2023
AT-84: Engine Performance II	Spring of 2023	Fall of 2023
AT-90: Automotive Survival	Fall of 2022	Fall of 2023
AT-90A: Automotive Survival Lab	Summer of 2016	Fall of 2023
AT-91: Smog Check Level 2	Summer of 2023	Fall of 2023
AT-150: Automotive Maintenance	Summer of 2018	Fall of 2023
AT-151: Automotive Chassis System	Summer of 2018	Fall of 2023

The following revisions have been made to AT course curriculum in Fall of 2023:

AT-49: 1. Reviewed all maps, no changes recommended. 2. Added diversity statement. 3. Updated method of evaluation and delivery to uniform 4. Moved to required elective.

AT-50: 1. Reviewed all maps, no changes recommended. 2. Added diversity statement. 3. Updated method of evaluation and delivery to uniform

AT-54: 1. Reviewed all maps, no changes recommended. 2. Added diversity statement. 3. Updated method of evaluation and delivery to uniform

AT-56: 1. Reviewed all maps, no changes recommended. 2. Added diversity statement. 3. Updated method of evaluation and delivery to uniform

AT-58: 1. Reviewed all maps, no changes recommended. 2. Added diversity statement. 3. Updated

method of evaluation and delivery to uniform

AT-60: 1. Reviewed all maps, no changes recommended. 2. Added diversity statement. 3. Updated method of evaluation and delivery to uniform

AT-66: 1. Reviewed all maps, no changes recommended. 2. Added diversity statement. 3. Updated method of evaluation and delivery to uniform 4. Moved to required elective.

AT-68: 1. Reviewed all maps, no changes recommended. 2. Added diversity statement. 3. Updated method of evaluation and delivery to uniform

AT-70: 1. Reviewed all maps, no changes recommended. 2. Added diversity statement. 3. Updated method of evaluation and delivery to uniform

AT-72: 1. Reviewed all maps, no changes recommended. 2. Added diversity statement. 3. Updated method of evaluation and delivery to uniform

AT-74: 1. Reviewed all maps, no changes recommended. 2. Added diversity statement. 3. Updated method of evaluation and delivery to uniform

AT-80: 1. Reviewed all maps, no changes recommended. 2. Added diversity statement. 3. Updated method of evaluation and delivery to uniform

AT-82: 1. Reviewed all maps, no changes recommended. 2. Added diversity statement. 3. Updated method of evaluation and delivery to uniform

AT-84: 1. Reviewed all maps, no changes recommended. 2. Added diversity statement. 3. Updated method of evaluation and delivery to uniform

AT-90: 1. Reviewed all maps, no changes recommended. 2. Added diversity statement. 3. Updated method of evaluation and delivery to uniform

AT-90A: 1. Reviewed all maps, no changes recommended. 2. Added diversity statement. 3. Updated method of evaluation and delivery to uniform

AT-91: 1. Reviewed all maps, no changes recommended. 2. Added diversity statement. 3. Updated method of evaluation and delivery to uniform

AT-150: 1. Reviewed all maps, no changes recommended. 2. Added diversity statement. 3. Updated method of evaluation and delivery to uniform

AT-151: 1. Reviewed all maps, no changes recommended. 2. Added diversity statement. 3. Updated method of evaluation and delivery to uniform

#### Articulation/Integration of Curriculum

Currently the AT department does not offer any Degree for transfer.

### **External Compliance**

The LCC AT department currently offers many programs that require extensive external compliance, including annual reports, program reviews, instructor compliance, etc. All external accreditations are current. Accreditation reports and certifications are available upon request.

### **External Analysis: Job Market Assessment**

Labor Market data is available upon request. The need for all current and proposed programs in the AT department are supported with Labor Market data and have been identified as priorities by the AT Advisory Board.

## **Program Planning and Communication Strategies**

The AT department is in a continuous cycle of program level planning, full time faculty communicates directly with the Dean of Instruction. Current program planning includes the maintenance and improvement of all current program offerings. Program level planning, curriculum, SLOs, PSLOs, equity, student achievement and performance data are reviewed, and recommendations are presented to the Dean of Instruction for review.

## **Academic Planning Analysis Summary**

The AT department has experienced varying success over the past several years as displayed throughout this report. The AT faculty have worked together to identify the following priority areas for growth:

1. Increase enrolment in current programs through outreach and advertising.
2. Increase enrolment through creating new program offerings.
3. Improve student retention through support opportunities.

## Section 2: Human Resource Planning

### Workload and Staffing Assessment

Year	F/T Faculty	P/T Faculty
Previous Year	1 F/T Faculty 1F/T ISS	1 Adjunct Faculty
Current Year	1 F/T Faculty 1F/T ISS	None
Next 2 Years	1 F/T Faculty 1F/T ISS	1 Adjunct Faculty

The AT department currently has 1 full-time faculty member. The faculty member regularly works at near a 140% instructional load, our current staffing structure does not meet current program needs and cannot support future growth without additional adjunct or part time faculty. Many programs within the AT department require specific qualifications and specialties. Adjunct faculty can support many of our program offerings, however this is difficult due to their full-time commitment in their other jobs and the required specialties of our instructor preventing program growth.

### Professional Development

AT faculty and staff take full advantage of professional development opportunities provided throughout the year, in fall of 2023 F/T faculty attended Several ASE educational classes through TMCC. The AT faculty has also participated in many online professional development opportunities. In the future the department will benefit by attending the California Automotive Technology conference as it becomes available. Further, the department has also benefited from attending many of the on-campus trainings at LCC

## Section 3: Infrastructure Planning

### Facilities

- The Facilities available to the Automotive Technology Department are adequate and throughout the Fall 2023 Semester have been getting a thorough cleaning and gone through to remove outdated equipment and parts to help streamline learning and build strong work skills.
- No outside facilities available to the program.
- No additional facilities utilized off-campus by the program.
- The facility would benefit from some coolers for the hotter months with heating and lighting are adequate. Also adding two post lifts would benefit student learning.
- Fencing would benefit from being repaired along with a sliding gate. The swinging gate takes up space when open posing a challenge for getting into the shop building. Also widening the gate would allow easier access for wider vehicles. The inside of the shop would benefit from installing/updating more two post lifts to allow students to experience what the industry uses.
- Oil waste and Storm water collection points need updated and housed in accordance with State law.
- Tool storage room needs adequate lighting and organizational updates.

- The large hanging vent hose needs removed from the Machine shop area.

## **Equipment**

- Most equipment in the Auto shop is in work order. However, the lifts need to be certified for safe use and function.
- The bay doors are heavy and pull chain and weighted when pulling down this causes the chain to spin around at a rapid speed which could lead to severe injury.
- Diagnostic scanners will need replaced in the next 2 years as the operating system is out of date and no longer supported.
- The tool storage room needs the 7 small toolboxes updated into one larger box metal peg board installed to hang tools in the open as well as better lighting.
- Many of the hand tools are adequate however some are not and need gone through to be updated and replaced for those that are damaged.
- The industry is transitioning to Electric tools, electric ratchets, and other tools. They will need updated from air to electric.
- Most of the machining equipment is out of date and no longer used in the industry needs updated.
- More modern engines and transmissions for education. The older 70s/80s engines are not adequate for current education.

## **Technology**

- Current student laptops need update and or replacement, the program needs 25 working student laptops for use at all times.
- Sufficient WIFI in all working areas and study spaces many times the Wi-Fi in trades is spotty at best.
- Subscriptions to TPC training.
- Subscriptions Pro-Demand and shop key with the intent to move to Identafix in the next 1-2 years.

## Section 4: Program Planning

Progress update on previous action plans

Current AT faculty has not been provided previous action plans.

Action Plan	Progress Detail	Outcomes
Advertise For Auto Program	Company came in took pics and Video	In Progress
Survive First year as new Auto Shop Faculty	First semester almost complete	In Progress
Explore Partnership opportunities for Technicians out of school.	In talks with Local Stake Holders	In progress
Find qualified Adjunct Faculty	Position open	In progress
Support professional development opportunities	Professional development opportunities have been supported through grant funding; this is a continued need.	In progress
Modernize inside building appearance to match instructional space.	Cleaning and Updating space	In Progress

### Strengths, Weaknesses, Opportunities, Threats (SWOT) Analysis

Complete SWOT analysis

<b>Strengths</b>	New faculty bring fresh Ideas to the table and eagerness to excel in a new position. Strong ties with community stake holders help bring other players to the table and new ideas and job market needs. Training the highest-level technician will continue to grow program offerings and ensure a highly trained equitable workforce for our community.
<b>Weaknesses</b>	Current weaknesses include advertising, to help increase student retention. Increasing advertising statewide is a program priority to ensure enrolment in our programs, continued success, and future growth. Additional support services will be required to ensure student retention in current and future programs.
<b>Opportunities</b>	Current opportunities include increasing program offerings to increase enrolment. As well as outreach to get students to recognize our Automotive technology Program.
<b>Threats</b>	Current threats include Dated equipment and vehicles. Rapidly changing technology in new vehicles. As well as minimal community outreach.

### Program Plan

#### LCC Mission

Lassen Community College provides programs for all perusing higher education goals. The core programs offer a wide range of educational opportunities including transfer degrees and certificates, economic and workforce development, and basic skills instruction. The College serves diverse students, both on campus and in outreach areas in its effort to build intellectual growth, human perspective, and economic potential.

AT department growth aligns with the mission of the college as our department provides a wide range of educational opportunities including an associate degree and certificates, economic and workforce

development, and basic skills instruction. The AT department serves diverse students, both on campus and in outreach areas in its effort to build intellectual growth, human perspective, and economic potential. All plans for growth created by the AT department take the institution's mission and vision into consideration. All current programs and future program plans in the AT department support the institutions' strategic goals of Institutional Effectiveness, Learning Opportunities, Resource Management, and Student success. All AT action plans support all institutional student learning outcomes including, Communication, Critical Thinking, Lifelong Learning, Personal and Interpersonal Responsibility. Action plan priorities, supporting evidence, expected outcomes and resource needs are listed in the chart below. All previously identified priorities remain in progress and are a continued need of department. The AT department will require continuous support as they develop new programs, this process is extensive and requires full support from all areas of the institution.

Action Plan	Supporting Evidence	Expected Outcome	Resource(s) to Achieve the Action Plan	Resource Category	Estimated Cost	Expense Type	Priority Ranking
Outreach/Advertising	Prioritized need of building nursing and all HSMT programs to increase enrolment and support community needs.	Increase in enrolment and student retention.	Outreach	Outreach	\$10,000.00	Annual	1
Replace Roll up bay Doors	Doors are old and a lifting hazard	Provide Student/Staff safety	Maintenance	Infrastructure	\$50,000	One-Time	2
Better Wi-Fi/Internet in Shop	IT. Resetting Internet often or using personal phone as a hot spot	Allow Class to flow better instead of down time for loading	IT and Maintenance department help with upgraded cabling	Infrastructure	\$5,000.00	One Time	1
Modern Engines and Transmissions	Course Success and Student Retention	Increase Enrollment for updated learning	Purchase used take out engines	Shop Equipment	\$7,500.00	On going	1
Tool Room Overhaul	Outdated dark working environment Over Full	Modern looking program	Purchase newer shop tools and organization devises	Shop Equipment	\$20,000.00	One time	4
Certify Existing Lifting Equipment	Lift inspections are not current	Student/Staff Safety	3 <sup>rd</sup> party safety inspections	Shop equipment	\$3500.00	Annual	1
Cooling/Air conditioning	Shop is hot in the summer months	Increase Enrollment/Happier learning environment	Maintenance	Infrastructure	\$10,000-\$30,000.00	One Time	3





# Advanced Transportation and Logistics

Far North  
Subregional Sector Profile



2023



## FIVE-YEAR OUTLOOK

**6%**  
sector job growth  
over next five years

**4,000+**  
annual job openings  
over next five years

**5%**  
of Far North's  
jobs

This project is supported by Strong Workforce Program (SWP) funding.



# Introduction

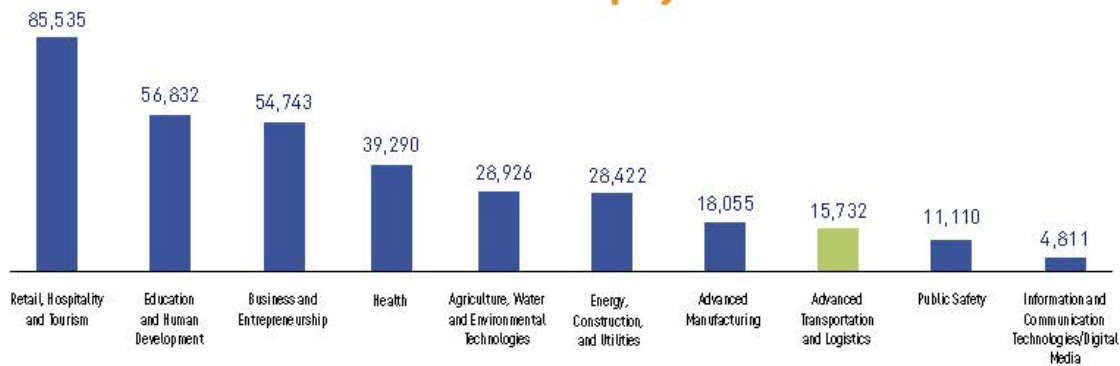
This sector profile highlights in-demand, middle-skill jobs that pay above a living wage. Middle-skill jobs, those which require education or training beyond a high school diploma but less than a bachelor's degree, are a critical component of the overall workforce and support the economic vitality of the region and the state.

This sector profile summarizes key data about current and projected workforce demand, hourly wages, job postings, and community college programs to support the goals of California's Strong Workforce Program (SWP).

SWP is an initiative designed to expand career education (CE) programs offered by the California Community Colleges to supply a skilled workforce to California's employers. The North Far North Regional Consortium (NFNRC) is charged with coordinating the planning and implementation of CE programs among community colleges within the 22-county North/Far North region, which includes the North (Greater Sacramento) and Far North subregions.

The Far North subregion encompasses 15 counties (Butte, Colusa, Del Norte, Glenn, Humboldt, Lake, Lassen, Mendocino, Modoc, Plumas, Shasta, Sierra, Siskiyou, Tehama, and Trinity) and seven community colleges (Butte, College of the Redwoods, College of the Siskiyou, Feather River, Lassen, Mendocino, and Shasta).

## Far North 2021 Sector Employment



# SECTOR Highlights



15,732  
Jobs in 2021

16,698  
Projected Jobs in 2026

6%  
Projected Job Growth,  
2021-2026

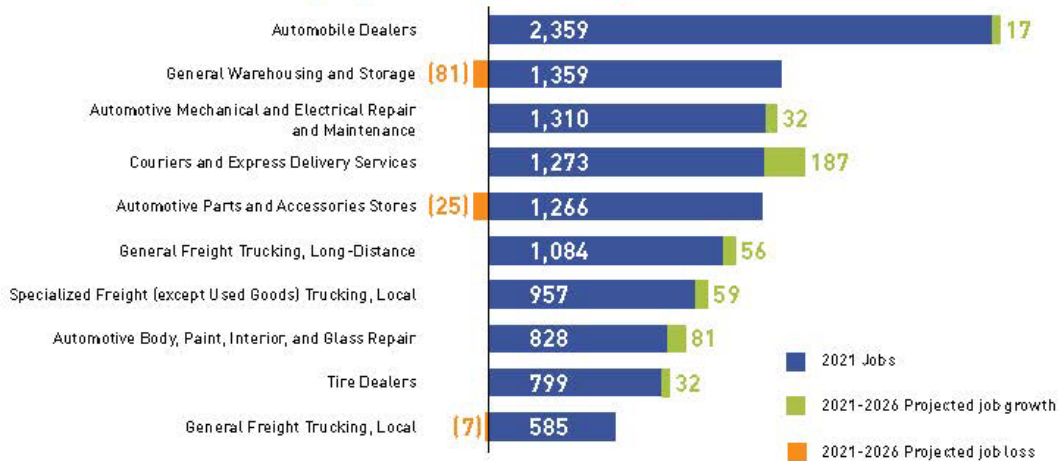
966  
New Jobs by 2026

1,549  
Businesses

4.6%  
% of Far North  
Employment, 2021

Note: The Advanced Transportation and Logistics sector includes 71 distinct 6-digit NAICS codes. Contact the NFN COE for a complete listing of NAICS codes by sector.

## Employment by Industry Subsector

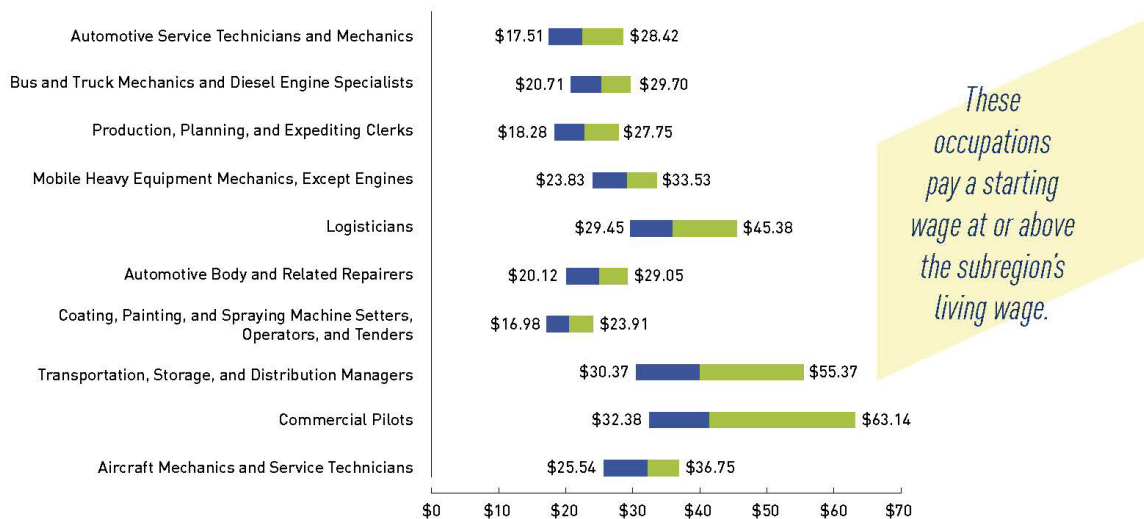


# Priority Middle-Skill Occupations

Occupation	2021 Jobs	2021-2026 Projected % Change	2021-2026 Average Annual Openings	Typical Entry-Level Education
Automotive Service Technicians and Mechanics	1,593	1%	165	Postsecondary nondegree award
Bus and Truck Mechanics and Diesel Engine Specialists	572	8%	63	High school diploma or equivalent
Production, Planning, and Expediting Clerks	511	6%	60	High school diploma or equivalent
Mobile Heavy Equipment Mechanics, Except Engines	452	7%	52	High school diploma or equivalent
Logisticians	431	14%	52	Bachelor's degree
Automotive Body and Related Repairers	286	11%	34	High school diploma or equivalent
Transportation, Storage, and Distribution Managers	308	4%	26	High school diploma or equivalent
Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	207	10%	26	High school diploma or equivalent
Commercial Pilots	144	22%	24	High school diploma or equivalent
Aircraft Mechanics and Service Technicians	161	12%	18	Postsecondary nondegree award

Note: Jobs for the above occupations may not solely exist in this sector and may be found in other sectors that require related services. Projected change includes new job growth and replacements.

## Middle-Skill Hourly Wage Ranges



Note: The hourly wage ranges include the 25th percentile (entry-level), median, and 75th percentile (experienced) hourly earnings for workers employed in these occupations across the Far North subregion where the minimum wage in 2021 was \$15.



# Priority Middle-Skill Job Postings



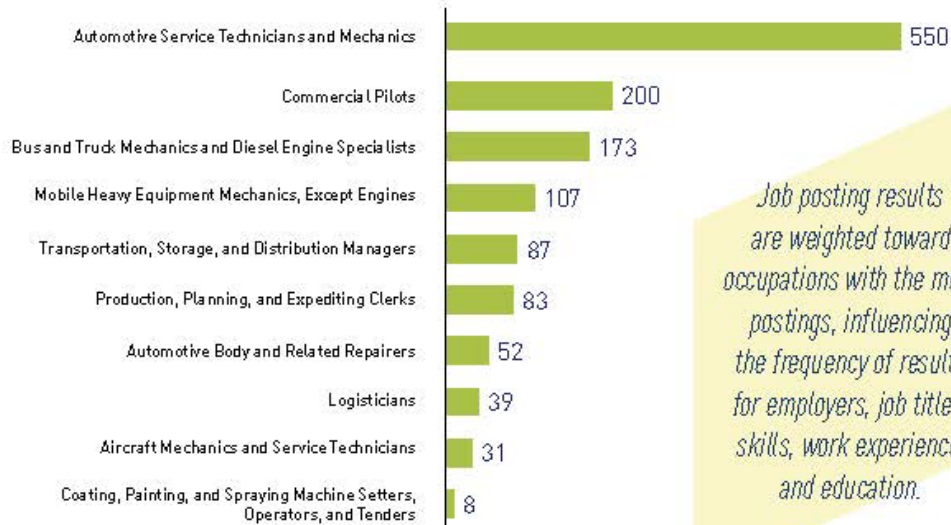
*Posting intensity is the ratio of duplicated to unique job postings. A higher-than-average posting intensity can mean employers are putting more effort into hiring.*

**1,330**  
Online Job Postings

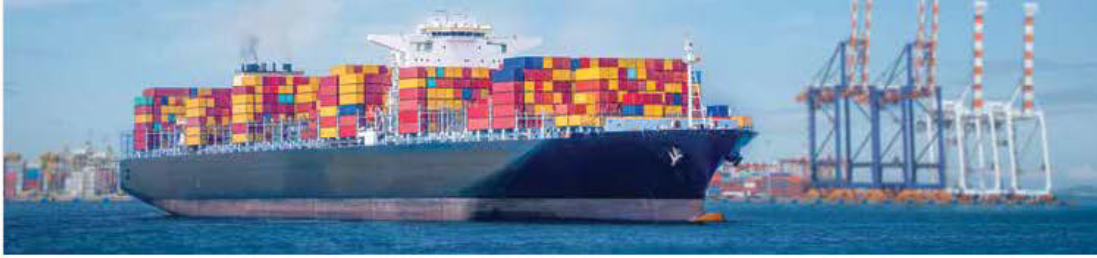
**3:1**  
Posting Intensity  
(Regional Average 3:1)

Note: Job postings count the number of online job postings advertised in the 15-county Far North subregion between January 1, 2022 - March 31, 2023. Postings are limited to in-state employers and exclude staffing companies. Job posting results represent the top 10 priority middle-skill occupations.

## Job Postings by Occupation



*Job posting results are weighted toward occupations with the most postings, influencing the frequency of results for employers, job titles, skills, work experience, and education.*



## Top Employers & Job Titles

### Employers with the Most Postings

Reach Air Medical Services  
 Les Schwab Tire Center  
 Walmart  
 TravelCenters of America  
 Med-Trans Corporation

### Job Titles with the Most Postings

Service Technicians  
 Fixed Wing/Helicopter/Rotor Wing Pilots  
 Diesel Mechanics  
 Automotive Technicians/Mechanics  
 Heavy Equipment Mechanics

## Most In-Demand Skills

### Specialized Skills

- Diesel Engines
- Tires
- Batteries
- Mechanics
- Federal Aviation Administration Regulations

### Soft Skills

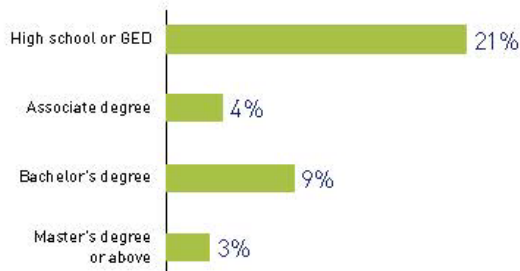
- Customer Service
- Communications
- Troubleshooting (Problem-Solving)
- Operations
- Sales

### Software and Technical Skills

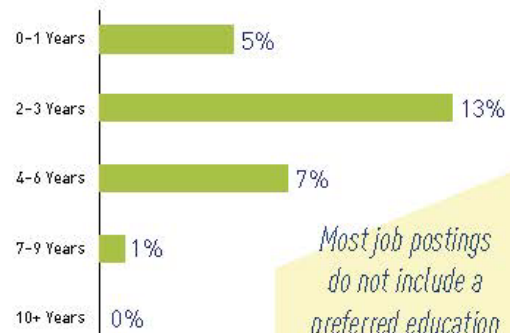
- Microsoft Office (Access, Excel, Outlook, PowerPoint, Word)
- Fleet Maintenance Software
- SAP Applications
- Business Software
- Inventory Control Systems

## Education & Experience in Postings

### Employer-Preferred Education



### Employer-Preferred Work Experience



*Most job postings do not include a preferred education or experience level.*

# Community College Programs



Butte College	College of the Redwoods	College of the Siskiyous	Feather River College	Lassen College	Mendocino College	Shasta College
Automotive Technology	Automotive Technology	None	None	Advanced Mechanics	Advanced Automotive Hybrid and Electric Vehicles	Automotive Technology
Auto Technology – Honda Certification	Automotive Maintenance & Light Repair			Automotive Chassis and Maintenance	Advanced Automotive Chassis Specialist	Diesel Technology
Diesel Technology	Diesel Technology			Automotive Technology	Automotive Technician	Heavy Equipment Logging Operations and Maintenance
Heavy Equipment Operator Technician				Engine Repair	Automotive Technology	Smog Inspection and Repair Technician
					Automotive Tune-Up and Electronics Specialist	







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## Sources

- Lightcast 2022.4 - OCEW Employees, Non-OCEW Employees, and Self-Employed
- Centers of Excellence for Labor Market Research Occupation Crosswalk
- California Community Colleges Chancellor's Office LaunchBoard
- California Community Colleges Chancellor's Office DataMart
- Integrated Postsecondary Education Data System (IPEDS)
- California Community Colleges Curriculum Inventory (COCI)

## Disclaimers:

All representations included in this report have been produced from primary research and/or secondary review of publicly and/or privately available data and/or research reports. Efforts have been made to qualify and validate the accuracy of the data and the reported findings; however, neither the Centers of Excellence, COE host District, nor California Community Colleges Chancellor's Office are responsible for applications or decisions made by recipient community colleges or their representatives based upon components or recommendations contained in this study.

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Lassen Community College  
 Status of Curriculum Reviews

**Automotive Technology Instructional Program Review  
 Status of Curriculum Review November 7, 2023**


<b>Course Name</b>	<b>Curriculum Committee Review Completed</b>	<b>Curriculum Committee Review Not Completed</b>	<b>Course SLO mapping reviewed</b>
	<i>Date course last reviewed</i>	<i>Date here if last review 4 years or more</i>	<i>Date</i>
AT-50 Car care Basics	10/17/2023		02/15/2022
AT-54 Brakes	10/17/2023		02/15/2022
AT-56 Steering and Suspension	11/7/2023		02/15/2022
AT-58 Automotive Heating and Air conditioning	10/17/2023		02/15/2022
AT-60 Shop Management and Service Writer	10/17/2023		02/15/2022
AT-66 Manual Drive Train	10/17/2023		02/15/2022
AT-68 Automatic Transmissions	11/7/2023		02/15/2022
AT-70 General Automotive Lab	10/17/2023		02/15/2022
AT-72 Engine Repair and Machining-Short Block	11/7/2023		02/15/2022
AT-74 Engine Repair and Machining-Cylinder Heads	11/7/2023		02/15/2022
AT-80 Basic Electrical	11/7/2023		02/15/2022
AT-82 Engine Performance I	10/17/2023		02/15/2022
AT-84 Engine Performance II	10/17/2023		02/15/2022
AT-90 Automotive Survival	11/7/2023		02/15/2022
AT-90A Automotive Survival Lab	11/7/2023		02/15/2022
AT-91 Smog Check Training Level II	11/7/2023		02/15/2022
AT 150 Automotive Maintenance	11/7/2023		02/15/2022
AT 151 Automotive Chassis System	11/7/2023		02/15/2022

Lassen Community College  
Status of Curriculum Reviews

Degrees & Certificates	Curriculum Committee Review Completed		Program PSLO mapping reviewed
AS Automotive Technology	11/7/2023		11/7/2023
CA Engine Repair	11/7/2023		02/15/2022
CA Advance Mechanics	11/7/2023		02/15/2022
COA Automotive Electrical	11/7/2023		02/15/2022
COA Basic Mechanics	11/7/2023		02/15/2022
Certificate of Completion Automotive Chassis and Maintenance	11/7/2023		02/15/2022

  
Chris Haley, Subject Area Faculty 11-9-23  
Date

  
Melinda Duerksen, Curriculum and Academic Standards Committee Chair 11/7/23  
Date

  
Mitchell Williams, Dean of Instruction 11/9/23  
Date

Q1 Course Number (Examples:

AGR-1-M0095,  
etc...):

MUS-12-K0669,

Answered: 30 Skipped: 0

#	RESPONSES	DATE
1	AT-50	10/30/2023 7:40 AM
2	AT82	10/26/2023 1:10 PM
3	AT 82	10/26/2023 1:10 PM
4	AT54	10/26/2023 7:44 AM
5	AT54	10/26/2023 7:43 AM
6	AT54	10/26/2023 7:43 AM
7	AT 54	10/26/2023 7:42 AM
8	At-50	10/25/2023 3:37 PM
9	AT-54	10/25/2023 3:35 PM
10	AT-54	10/25/2023 3:34 PM
11	AT-54	10/25/2023 3:34 PM
12	At- 54	10/25/2023 3:33 PM
13	AT-54	10/25/2023 3:33 PM
14	AT-54	10/25/2023 3:32 PM
15	AT-50	10/25/2023 3:29 PM
16	At-50 basic auto	10/25/2023 8:07 AM
17	At-50	10/25/2023 8:02 AM
18	AT-50	10/25/2023 7:43 AM
19	R/PBQXZFT	10/25/2023 7:43 AM
20	At-50	10/25/2023 7:37 AM
21	AT-50	10/25/2023 7:36 AM
22	at-50	10/25/2023 7:36 AM
23	AT-50	10/25/2023 7:36 AM
24	AT-50	10/25/2023 7:35 AM
25	AT50	10/25/2023 7:35 AM
26	AT-50	10/25/2023 7:35 AM
27	At-50	10/25/2023 7:35 AM
28	AT50	10/25/2023 7:35 AM

## Fall 2023 Instructional Program Review (IPR) - Student Evaluation

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29	AT-50-Y0438	9/21/2023 11:53 AM
30	AT-50-Y0438	9/21/2023 9:18 AM

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Q2 Name of Program: (Select only one option)

Answered: 30 Skipped: 0

ANSWER CHOICES	RESPONSES	
Administration of Justice	0.00%	0
Agriculture	0.00%	0
Studio Art	0.00%	0
Automotive Technology	100.00%	30
Business	0.00%	0
Child Development	0.00%	0
Fire Technology	0.00%	0
Gunsmithing	0.00%	0
Health Occupations/Medical Assisting	0.00%	0
History/Social Science/Sociology/Psychology	0.00%	0
Human Services	0.00%	0
Humanities	0.00%	0
Information Systems	0.00%	0
Natural Science	0.00%	0
Physical Education	0.00%	0
Vocational Nursing/Allied Health	0.00%	0
Welding Technology	0.00%	0
Special Instructional Programs: Athletics	0.00%	0
Special Instructional Programs: Developmental Studies	0.00%	0
Special Instructional Programs: Work Experience	0.00%	0
<b>TOTAL</b>		<b>30</b>

## Q3 Course Name/Title:

Answered: 30 Skipped: 0

#	RESPONSES	DATE
1	Car care basics	10/30/2023 7:40 AM
2	Engine Performance 1	10/26/2023 1:10 PM
3	Engine performance 1	10/26/2023 1:10 PM
4	Brakes	10/26/2023 7:44 AM
5	Brakes	10/26/2023 7:43 AM
6	certificate in breaks	10/26/2023 7:43 AM
7	Brakes	10/26/2023 7:43 AM
8	Brakes	10/25/2023 3:37 PM
9	Brakes	10/25/2023 3:35 PM
10	Brakes	10/25/2023 3:34 PM
11	Brakes	10/25/2023 3:34 PM
12	Brakes	10/25/2023 3:33 PM
13	Brakes	10/25/2023 3:33 PM
14	Brakes	10/25/2023 3:32 PM
15	Car care basics	10/25/2023 3:29 PM
16	BASIC AUTO	10/25/2023 8:07 AM
17	AT-50	10/25/2023 8:02 AM
18	Car care basics	10/25/2023 7:43 AM
19	AT50	10/25/2023 7:43 AM
20	Car care basics	10/25/2023 7:37 AM
21	AT-50	10/25/2023 7:36 AM
22	at-50	10/25/2023 7:36 AM
23	Entry to auto	10/25/2023 7:36 AM
24	Car care basics	10/25/2023 7:35 AM
25	Basic Auto	10/25/2023 7:35 AM
26	Car Care Basics	10/25/2023 7:35 AM
27	Car care basics	10/25/2023 7:35 AM
28	Car Care Basics	10/25/2023 7:35 AM
29	Car care basics	9/21/2023 11:53 AM
30	Car Care Basics	9/21/2023 9:18 AM

Q4 Educational Goal: What is your educational objective at Lassen Community College? (Check all that apply):

Answered: 29 Skipped: 1

ANSWER CHOICES	RESPONSES	
General Education: Transfer to a 4-year Institution	13.79%	4
General Education: IGETC Certification	3.45%	1
General Education: CSU Certification	3.45%	1
General Education: Transfer to another Community College	0.00%	0
Degrees/Certificates: AA/AS	48.28%	14
Degrees/Certificates: Certificate of Achievement/Certificate of Completion	17.24%	5
Degrees/Certificates: Certificate of Accomplishment	3.45%	1
General Interest: Job Requirement	13.79%	4
General Interest: Continuing Education	3.45%	1
General Interest: Personal Development	37.93%	11

Total Respondents: 29

#	TITLE OF DEGREE OR CERTIFICATE:	DATE
1	Pass	10/30/2023 7:40 AM
2	Automotive Technology	10/26/2023 1:10 PM
3	Certificate in Brakes	10/26/2023 7:44 AM
4	Automotive	10/26/2023 7:43 AM
5	basic auto	10/26/2023 7:43 AM
6	AA	10/26/2023 7:43 AM
7	Auto pathway	10/25/2023 3:37 PM
8	Auto	10/25/2023 3:34 PM
9	Automotive technology	10/25/2023 3:33 PM
10	Automotive	10/25/2023 3:32 PM
11	Auto	10/25/2023 3:29 PM
12	Automotive associate	10/25/2023 8:02 AM
13	Automotive	10/25/2023 7:35 AM
14	mechanics degree	9/21/2023 11:53 AM
15	AS Degree	9/21/2023 9:18 AM

Q5 You need this course: Why are you taking this course?

Answered: 28 Skipped: 2

ANSWER CHOICES	RESPONSES	
Core requirement for degree or certificate	39.29%	11
Elective for Degree or Certificate	21.43%	6
General Education course for degree or transfer	0.00%	0
Job Requirement	14.29%	4
Continuing Education	32.14%	9
Personal Development	53.57%	15

Total Respondents: 28

#	OTHER: PLEASE SPECIFY	DATE
1	To learn how to fix a vehicle	10/30/2023 7:40 AM
2	using it to take into the fire carrier	10/26/2023 7:43 AM



Q6 Does the course content reasonably compare with the catalog/schedule description?

Answered: 29 Skipped: 1

ANSWER CHOICES	RESPONSES	
Yes	100.00%	29
No	0.00%	0
TOTAL		29

Q7 Did the catalog clearly explain the order in which the courses in this program should be taken?

Answered: 29 Skipped: 1

ANSWER CHOICES	RESPONSES	
Yes	96.55%	28
No	3.45%	1
TOTAL	29	

Q8 Was any cost for this course/program, beyond registration and books, clearly identified in the catalog?

Answered: 29 Skipped: 1

ANSWER CHOICES	RESPONSES	
Yes	75.86%	22
No	24.14%	7
TOTAL		29

Q9 Did the instructor(s) use the required textbooks in the program?

Answered: 29 Skipped: 1

ANSWER CHOICES	RESPONSES	
Yes	86.21%	25
No	6.90%	2
N/A	6.90%	2
TOTAL		29

Q10 Are the textbooks purchased for this program useful to you?

Answered: 29 Skipped: 1

ANSWER CHOICES	RESPONSES	
Yes	79.31%	23
No	6.90%	2
N/A	13.79%	4
<b>TOTAL</b>		<b>29</b>

Q11 Scheduling: Did the scheduling of the course meet your needs?

Answered: 29 Skipped: 1

ANSWER CHOICES	RESPONSES	
Current schedule met my needs	96.55%	28
Needed morning offering	0.00%	0
Needed afternoon offering	0.00%	0
Needed evening offering	0.00%	0
Needed one day a week schedule	0.00%	0
Needed summer offering	0.00%	0
Needed week-end offering	0.00%	0
Needed short-term (less than semester) offering	0.00%	0
Other: Please Specify:	3.45%	1
<b>TOTAL</b>		<b>29</b>

#	OTHER: PLEASE SPECIFY:	DATE
1	So the rest of the day I can relax	10/30/2023 7:40 AM

Q12 I was provided with reasonable access to the facilities?

Answered: 29 Skipped: 1

ANSWER CHOICES	RESPONSES	
Yes	100.00%	29
No	0.00%	0
TOTAL		29

Q13 The temperature of the facilities in summer or fall is:

Answered: 29 Skipped: 1

ANSWER CHOICES	RESPONSES	
Often too hot for the season	3.45%	1
Often too cold for the season	0.00%	0
Comfortable for the season	96.55%	28
N/A	0.00%	0
<b>TOTAL</b>		<b>29</b>



Q14 The lighting in the facilities is?

Answered: 29 Skipped: 1

ANSWER CHOICES	RESPONSES	
Too bright	0.00%	0
Adequate	100.00%	29
Too dark	0.00%	0
N/A	0.00%	0
<b>TOTAL</b>		<b>29</b>

Q15 The chairs/tables/desks are?

Answered: 29 Skipped: 1

ANSWER CHOICES	RESPONSES	
Adequate	100.00%	29
Inadequate	0.00%	0
N/A	0.00%	0
<b>TOTAL</b>		<b>29</b>

Q16 Is there enough space for you to do your work in class?

Answered: 29 Skipped: 1

ANSWER CHOICES	RESPONSES	
Yes	100.00%	29
No	0.00%	0
N/A	0.00%	0
<b>TOTAL</b>		<b>29</b>

## Q17 Please elaborate on your responses and include any additional facilities-related comments:

Answered: 18 Skipped: 12

#	RESPONSES	DATE
1	We're giving the right tools to work and we have enough room to work	10/30/2023 7:44 AM
2	No air conditioning	10/26/2023 1:13 PM
3	Everything is adequate	10/26/2023 7:49 AM
4	no thanks ☺	10/26/2023 7:46 AM
5	i come here for the auto and the fire classes and i like them and enjoy them both	10/26/2023 7:45 AM
6	Very good class	10/26/2023 7:44 AM
7	This is good but some times it could be too hot during the summer in the Auto shop.	10/25/2023 3:40 PM
8	All needs were meet. Classes were made comfortable and made available to me with my schedule in mind.	10/25/2023 3:37 PM
9	I like the campus and the buildings are in good shape	10/25/2023 3:36 PM
10	N/a	10/25/2023 3:34 PM
11	N/A	10/25/2023 3:33 PM
12	It's great	10/25/2023 8:08 AM
13	I don't know	10/25/2023 7:44 AM
14	I have access to everything I need just classroom and bathroom	10/25/2023 7:39 AM
15	The facility has made my classroom comfortable and has offered plenty of opportunities for other means of comfort.	10/25/2023 7:38 AM
16	N/A	10/25/2023 7:37 AM
17	Its good	10/25/2023 7:36 AM
18	The class is really good and it is not too much of anything or too less of anything	9/21/2023 9:19 AM

Q18 Did the course/program provide the necessary equipment?

Answered: 29 Skipped: 1

ANSWER CHOICES	RESPONSES	
Yes	100.00%	29
No	0.00%	0
N/A	0.00%	0
<b>TOTAL</b>		<b>29</b>

Q19 Is enough time on equipment allowed for each student?

Answered: 29 Skipped: 1

ANSWER CHOICES	RESPONSES	
Yes	96.55%	28
No	0.00%	0
N/A	3.45%	1
<b>TOTAL</b>		<b>29</b>

Q20 Is equipment current?

Answered: 29 Skipped: 1

ANSWER CHOICES	RESPONSES	
Yes	96.55%	28
No	0.00%	0
N/A	3.45%	1
<b>TOTAL</b>		<b>29</b>

Q21 Is equipment generally in good operation condition?

Answered: 29 Skipped: 1

ANSWER CHOICES	RESPONSES	
Yes	100.00%	29
No	0.00%	0
N/A	0.00%	0
<b>TOTAL</b>		<b>29</b>



Q22 Describe how this course/program could be improved to better meet the needs of the students at Lassen Community College:

Answered: 20 Skipped: 10

#	RESPONSES	DATE
1	Everything is alright no need for improvement	10/30/2023 7:44 AM
2	It would be cool if we got some diesel info too but I know that could take a while	10/26/2023 1:13 PM
3	No, it's good.	10/26/2023 7:49 AM
4	no thanks 🙅🏻 🤔	10/26/2023 7:46 AM
5	if the high school gave us more time to work on cars	10/26/2023 7:45 AM
6	All good	10/25/2023 3:40 PM
7	I don't see how it could be improved	10/25/2023 3:37 PM
8	Involve more work order forms to practice life applications in a job settings.	10/25/2023 3:37 PM
9	This course is great and the instructor teaches us stuff with hands on and in book work.	10/25/2023 3:36 PM
10	It's good how it is	10/25/2023 3:34 PM
11	N/A	10/25/2023 3:33 PM
12	I think the instructor is doing great	10/25/2023 3:31 PM
13	Nothing	10/25/2023 8:08 AM
14	I think Chris is doing a amazing job teaching this class!	10/25/2023 8:03 AM
15	I don't know	10/25/2023 7:44 AM
16	I honestly say that there is not much needed improvement	10/25/2023 7:39 AM
17	Maybe allow higher level high-school students take more than one class during their high- school years	10/25/2023 7:39 AM
18	I have enjoyed every part of this class so far I have no comments of improvement.	10/25/2023 7:38 AM
19	N/A	10/25/2023 7:37 AM
20	N/A	9/21/2023 9:19 AM

Q23 Please provide any additional comments on the course or program:

Answered: 14 Skipped: 16

#	RESPONSES	DATE
1	It's a nice class to take if you want to be a mechanic or you want to fix your vehicle	10/30/2023 7:44 AM
2	Really good instructor feel like I'm learning a lot and it can keep growing with the new instructor.	10/26/2023 1:13 PM
3	It's a good educational environment	10/26/2023 7:49 AM
4	no thanks  _	10/26/2023 7:46 AM
5	i like it a lot	10/26/2023 7:45 AM
6	All good	10/25/2023 3:40 PM
7	No comments	10/25/2023 3:34 PM
8	N/A	10/25/2023 3:33 PM
9	N/A	10/25/2023 8:08 AM
10	Don't have any	10/25/2023 7:44 AM
11	Other than the early morning waking I have to do for this class it's a great program and I respect the instructor who teaches it and think it's a great course anyone could take	10/25/2023 7:39 AM
12	N/A	10/25/2023 7:37 AM
13	I have fun with the program	9/21/2023 11:57 AM
14	N/A 9/21/2023 9:19 AM	