

# **Instructional Program Review Update**

**Program: Automotive Technology**

Academic Year: 2024/2025

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Accepted by Academic Senate: 11/26/2024

Accepted by Consultation Council: 12/09/2024

Accepted by Governing Board: 12/17/2024

## SECTION 1: Academic Planning and Student Outcomes

### Program Overview

The Automotive Technology Program provides students and community members with the opportunity to pursue education in one of the fastest-growing trade fields. This program stands out as one of the few trades experiencing rapid technological advancement. Today's modern vehicles demand that students possess knowledge not only of automotive principles but also of plumbing, electrical systems, and information technology.

### Trends in Program Metrics, Student Outcomes, and External Factors

The Automotive program had a waiting list for the 2024 fall semester, indicating increased enrollment. However, this surge has placed additional strain on our facilities and shop equipment. With vehicle technology evolving daily, the lack of recent updates to our facilities and equipment has left the program lagging behind, preventing students from acquiring the knowledge and skills they need to be job-ready.

## SECTION 2: Program Resource Effectiveness

### Workload, Staffing Structure, and Professional Development Assessment

Work Load and staffing structure continue to work well, having one full time faculty member and one instructional support staff. As we grow and add additional courses it will need to be reevaluated.

### Infrastructure (Facilities, Supplies, Equipment, and Technology) Assessment

Increased enrollment highlights areas where we lack sufficient tools and workspace. To address these shortcomings, we will need to update and acquire new equipment.

## SECTION 3: Program Planning

### Action Plan Update

Describe the progress on previous action plans.

Action Plan	Progress Detail	Outcomes
Advertise For Auto Program	Company came in took pics and Video	Student enrollment is up-On Going Task
Survive First year as new Auto Shop Faculty	First semester almost complete	Completed and Received a More Than Satisfactory on Evaluation
Explore Partnership opportunities for Technicians out of school.	In talks with Local Stake Holders	Received support from many local stake holders
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	Cleaning and Updating space	In Progress

appearance to match instructional space.		
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## Program Plan

The action plan we need to implement focuses on acquiring the necessary equipment to provide students with an education that mirrors real-world careers in the automotive field. To achieve this, we must update our tools and equipment to ensure they are relevant to current industry standards. This will also make our Automotive program more competitive for students considering community college options in Automotive Technology.

### 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

### Strategic Goals

The strategic goals outlined in the action plan aim to enhance the education provided to students, equipping them with the skills and knowledge necessary to secure employment in the automotive industry and perform their roles effectively, thanks to their training at Lassen Community College.

### Evidence

Our evidence is reflected in enrollment numbers. An increase in these numbers indicates that our faculty and equipment require updates and replacements. Additionally, having only one two-post lift is insufficient for training a class of 24 students effectively.

### Resources

What are the expected outcomes of the action plans?

### Outcomes

The goal is to align our Automotive Technology program with current industry standards, empowering students to confidently apply their education in the workforce as well as support student learning through accessibility to industry tools. Provide a safe environment for students to experience work-based learning opportunities.

**Total Cost**

The Total Cost to bring the action plan to life is \$385,000.00

Action Plan	Supporting Evidence	Expected Outcome	Resource(s) to Achieve the Action Plan	Resource Category	Estimated Cost	Expense Type	Strategic Initiative	Priority Ranking
Install Proper Lifting Equipment	One Post lift is not enough for amount of students.	Car lifts are the most used tool in industry this will allow students to learn to lift a vehicle safely and properly over the course of their degree	Maintenance / Outside Install Company	Maintenance/ Outside Install Company	\$75,000	One Time	2, 3	1
Work Benches for main shop	Need Added space for projects for increased enrollment	Bettering learning having adequate working space	Outside Service	Outside Service	\$10,000	One Time	1, 2	2
Update tools for students	Increase In students we do not have enough Tools	More accessibility for students and streamline labs for accurate workforce training	Outside Service/ Snap on tools	Outside Service/ Snap On Tools	\$240,000	One Time	1, 2	3
Replace Roll Up Bay Doors	Doors are old a pose a danger when the chains free wheel down	Provide Student & Staff Safety	Outside Install Outside Service	Outside Install Outside Service	\$60,000.	One Time	2, 3	4