UNIVERSITY OF ARKANSAS
PULASKI TECH

# Assessment Report:
# 2018-2019 – Program Level

**The University of Arkansas – Pulaski Technical College calls for each program (AS, AA, AAS, CP, and TC) to have an assessment plan for each academic year that includes the following:**

- **Program Learning Objectives**
- **Procedures for assessing the achievement of student learning**
- **Procedures for analyzing and interpreting assessment results for the continuous improvment of the program.**

A primary goal for each instructional department's assessment is to include at least one direct measure of student learning, which is accomplished usually through the use of locally developed tests, student portfolios, capstone assessment measures, embedded assignments, or through licensure exams and standardized national tests. In addition to direct measures, most areas may also use indirect methods to assess student achievement. Graduation rates and graduation and employer surveys are frequently used as indirect indicators of student achievement.

This form presents template of questions that must, at minimum, be addressed by instructional departments when filing an assessment plan. While an electronic version of this form will be made available, instructional departments may include additional information not specifically addressed in this form as long as the template questions are addressed.

**Other Assessment Considerations:**

- The College expects programs/departments/divisions to make curriculum changes and budget requests based in part upon assessment findings. Assessment of student learning should be a catalyst for quality instruction and improvement across the college community.
- All programs will be asked to submit an annual assessment report to the Assessment Committee by October 10th of each year. (If October 10th falls on a weekend, please submit reports on the following Monday.)
- For technical and occupational programs, please consider the role of your advisory committee in your student learning objectives.

This form must be completed by October 10 of each academic year. Complete each part of this form. Please follow highlighted instructions.

**Part A: Identification and Assessment Plan**

1. Name of program: *Automotive Service Technology*

2. Name of individual compiling report: *Allan Holloway / John Morgan*

3. Date of submission: *10/24/19*

4. Is the assessment plan (*Check one*)

☐ an initial plan for the program ☐ a revision of an old plan ☒ unaltered from previous year

5. Provide a brief description of the program and its purposes, to include a description of the jobs/careers for which students are being prepared.

The UAPTC Automotive Department's mission is to provide a high quality education through continuous quality improvement so that our students may obtain employment as entry level technicians, and to provide the Automotive Industry with a skilled workforce.

**Part B: Student Learning Objectives, Assessment Methods, and Data Sources**

In this section of the assessment plan, student learning objectives for the program will be defined. Also, assessment methods and data sources for each objective must be defined. Follow the instructions below to define and relate the program leaning objectives.

1. Complete the chart below or attach documentation of the assessment process that includes the data included below. Also attach any assessment instruments and grading rubrics used at the program level if applicable.

| Program Learning Objectives | Course | Assessment Method and/or Data Source |
|---|---|---|
| 1. **PLO #1 Safety** Certify safe work practices in a matter compatible with OSHA requirements and automotive industry expectations. | *AST* | **Certification Exam** SP2 safety program will be utilized for this measure. |
| 2. **PLO #2 Service Information** Locate and employ applicable vehicle and service information from a variety of resources in order to correctly diagnose and repair malfunctions within each major automotive system. | *AST* | **Comprehensive Exam** PLO #2 Test over the PLO#2 Task Sheet |
| 3. **PLO#3 Repair Knowledge** Demonstrate knowledge and skills to inspect, diagnose, and repair (by industry standards ) the major systems found in current automobiles. | *AST* | **Certification Exam** ASE Entry Level Technician Certification, formerly ASE Student Certification. |
| 4. **PLO #4 Ohm's Law** Calculate Electrical properties using Ohm's law. | *AST* | **Comprehensive Exam** PLO # 4 Ohm's Law Test using the PLO # 4 Diagrams |
| 5. *Click here and type comments over this text.* | *Type here.* | *Click here and type comments over this text.* |
| 6. *Click here and type comments over this text.* | *Type here.* | *Click here and type comments over this text.* |
| 7. *Click here and type comments over this text.* | *Type here.* | *Click here and type comments over this text.* |
| 8. *Click here and type comments over this text.* | *Type here.* | *Click here and type comments over this text.* |
| 9. *Click here and type comments over this text.* | *Type here.* | *Click here and type comments over this text.* |
| 10. *Click here and type comments over this text.* | *Type here.* | *Click here and type comments over this text.* |

2. For each program objective, if applicable, discuss any additional data sources that may be used to gauge success (e.g. charts, graphs, surveys, rates).
   *Click here and type comments over this text.*

3. Describe the process of analyzing the assessment data for the last academic year.
   Results will be reviewed once a semester by the Automotive Department. Results will be interpreted by the Automotive Department and a plan for corrective action will be implemented for the next semester.

4. Complete the chart below or attach documentation of the assessment findings that includes the data included below.

| Program Learning Objectives | Assessment Findings/Conclusion |
|---|---|
| 1. **PLO #1 Safety** Certify safe work practices in a matter compatible with OSHA requirements and automotive industry expectations. | 81 out of 81 students passed safety exam in the allotted time frame. |
| 2. **PLO #2 Service Information** Locate and employ applicable vehicle and service information from a | 93.33% of students scored above 70%. 9 students scored in the 90-100% range, 2 students |

| | | |
|---|---|---|
| | variety of resources in order to correctly diagnose and repair malfunctions within each major automotive system. | scored in the 80-89% range,3 students scored in the 70-79% range and 1 student scored in the 50-59% range. |
| 3. | **PLO#3 Repair Knowledge** Demonstrate knowledge and skills to inspect, diagnose, and repair (by industry standards ) the major systems found in current automobiles. | 34 of 43 attempts passed |
| 4. | **PLO #4 Ohm's Law** Calculate Electrical properties using Ohm's law. | Average Score of 535/700 |
| 5. | *Click here and type comments over this text.* | *Click here and type comments over this text.* |
| 6. | *Click here and type comments over this text.* | *Click here and type comments over this text.* |
| 7. | *Click here and type comments over this text.* | *Click here and type comments over this text.* |
| 8. | *Click here and type comments over this text.* | *Click here and type comments over this text.* |
| 9. | *Click here and type comments over this text.* | *Click here and type comments over this text.* |
| 10. | *Click here and type comments over this text.* | *Click here and type comments over this text.* |

5. What is the action plan for assessment for the next academic year? Explain.
   *To continue with the measures outlined in Nuventive.*

6. What changes were implemented this year based on last year's findings?
   *All outcome goals were met from the previous year and no changes were required at this time.*

7. Please write any additional information here that you think is pertinent to the assessment process for your program that assists stakeholders (i.e. administrators and standing committees) in understanding your report.
   *Click here and type comments over this text.*

8. What budgetary resources, if any, are needed for your program based on your assessment findings?
   *Based on our programs ASE Accreditation requirements we will need to purchase equipment periodically to keep up with industry standards so that our students are trained on modern equipment being used in the Automotive Industry. No major equipment purchases have been made since 2008.*