

# CTE Advanced Automotive 1

- PS 1 Demonstrate and apply all safety and pollution.
- PS 2 Research, interpret, and apply engine repair concern.
- PS 3 Identify general engine operating principles and evaluate engine repair concerns.
- PS 4 Inspect, measure, and assemble cylinder heads and valve train components.
- PS 5 Inspect, measure, and assemble engine block and bottom-end components.
- PS 6 Identify and analyze cooling and lubrication system concerns; determine and perform necessary repairs.
- PS 7 Demonstrate advanced level brake system service procedures based on NATEF standards.
- PS 8 Demonstrate advanced level steering/suspension system service procedures based on NATEF standards.
- PS 9 Demonstrate advanced level electrical system service procedures based on NATEF standards.
- PS 10 Demonstrate advanced level heating and air conditioning system service procedures based on NATEF standards.
- PS 11 Establish, prioritize, and apply employability skills and workplace readiness skills as required by entry-level employers within the specific career and technical education content area.
- PS 12 9-10.RST.4 Determine the meaning of symbols, key terms, and other domain-specific words and phrases as they are used in a specific scientific or technical context relevant to grades 9–10 texts and topics.
- PS 13 9-10.RST.7 Translate quantitative or technical information expressed in words in a text into visual form (e.g., a table or chart) and translate information expressed visually or mathematically (e.g., in an equation) into words.
- PS 14 9-10.WHST.6 Use technology, including the Internet, to produce, publish, and update individual or shared writing products, taking advantage of technology's capacity to link to other information and to display information flexibly and dynamically.
- PS 15 9-10.WHST.8 Gather relevant information from multiple authoritative print and digital sources, using advanced searches effectively; assess the usefulness of each source in answering the research question; integrate information into the text selectively to maintain the flow of ideas, avoiding plagiarism and following a standard format for citation