



CTE Advanced Automotive 2

- PS 1 Demonstrate and apply all safety and pollution prevention training in accordance with NATEF current practices.
- PS 2 Research, interpret, and apply engine performance concern information.
- PS 3 Identify advanced engine operating principles and evaluate engine performance concerns.
- PS 4 Identify computerized engine control systems; analyze and interpret on-board diagnostic data.
- PS 5 Identify and inspect ignition system components; analyze and repair ignition system concern.
- PS 6 Identify and inspect fuel and air-induction components; analyze and repair fuel and air induction system concern.
- PS 7 Identify and inspect emission system and exhaust system components; analyze and repair emission system concern.
- PS 8 Demonstrate advanced level brake system service procedures based on NATEF standards.
- PS 9 Demonstrate advanced level steering/suspension system service procedures based on NATEF standards.
- PS 10 Demonstrate advanced level electrical system service procedures based on NATEF standards.
- PS 11 Describe automatic transmission operating principles and perform automatic transmission maintenance.
- 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