

2018 High School Skills Challenge Schedule

7:30am	Registration Opens
8:15am - 8:25am	Kick Off and Remarks
8:30 - 9:10am (40m)	ASE Style Exam
9:15 - 9:50am (35m)	Main Event Rotation # 1
9:55 - 10:30am (35m)	Main Event Rotation # 2
10:35 - 11:10am (35m)	Main Event Rotation # 3
11:15 - 12:05pm (50m)	Career Orientation Seminar
12:15 - 1:00pm (45m)	Lunch / Student Panel
1:05 - 2:00pm	Head to Head Contest
1:10 - 1:25 (15m)	PACMO Electrical Diagnostics
1:30 - 2:00 (30m)	Napa Know How Wheel Rotation Contest
2:05 - 2:20pm (15m)	Awards Presentation
2:20 - 2:30pm (10m)	Closing Remarks
2:30pm	2018 H.S. Skills Challenge Ends

PART A: ASE Style Technician Certification Exam.

This written exam is based on an actual Technician's Certification Examination. Certification Examinations are a very important and valuable qualification for an Automotive Technician.
Location: Tent Area. **Everyone Takes the Exam at the same time.**

PART B: VEHICLE INSPECTION

A vehicle "Maintenance Service and Inspection" is a routine service that is performed on modern automobiles about every 10,000 miles. It typically includes an oil change; tire rotation; and vehicle inspection. The student's team task is to do a complete "Maintenance Service and Inspection" without actually doing the oil change and tire rotation. **HINT: Fill out the inspection form as if you actually did the oil change and tire rotation.**

- * Inspect vehicle and fill out the provided form **completely** (both sides)
- * Make a list of recommendations based on your inspection
- * Review the Maintenance Schedule and provide a list of recommended services. *Assume no service history is known and DO NOT LIST "INSPECT" ITEMS).*

PART C: Automotive Component Identification, Bulb Testing and Bolt Sizing

Teams will accurately identify various automotive components (*the more detail the better*), identify and measure various bolts to determine each bolt's proper size and nomenclature. Lastly, inspect various automotive bulbs and determine each bulb's serviceability.

PART D: Automotive Technological Developments Presentation

This event features vehicles that have notable technological developments. Presenters will describe the developments and highlight their importance in a demonstration / discussion format. Student teams will answer a series of questions about each presentation.