CTE
Career & Technical Education

Semester 1		Semester 2	
Quarter 1	**Quarter 2**	**Quarter 3**	**Quarter 4**
Technical Standards: 1.0;2.0;7.0 Professional Standards: 1.0, 4.F, 5.A, 8.0 **Unit 11** **Professionalism and Safety** • Review Shop Guidelines • Professional Behavior and Standards. • Legal and Ethical Considerations. *S/P2 Safety Completion* *S/P2 Ethics Completion* *Shop Specific Assessment* Technical Standards: 11.2, 11.3, 11.4 Professional Standards: 3.A, 4.F, 5.D, 8.0 **Unit 12** **Tire Service** • Mount/Dismount Tire • Identify Tire Wear Patterns • Describe TPMS Systems	Technical Standards: 4.0 Professional Standards: 3.A, 4.F, 5.D, 8.0 **Unit 13** **Cooling System Service** • Flush Automatic Trans. • Remove/Replace Water Pump *ASE Student Certification in Inspection and Light Repair* Technical Standards:8.4-8.18, 9.4-9.6 Professional Standards: 3.A, 4.F, 5.D, 8.0 **Unit 14** **Brakes Service** • Demonstrate Brake Replacement • Recondition Rotors/Drums • Identify Wheel Problems • Inspect Mounting Hardware *ASE Student Certification in Brakes* Technical Standards7.4, 7.7, 7.10, 7.12, 7.16-7.19 Professional Standards: 3.A, 4.F, 5.D, 8.0 **Unit 15** **Driveline/Transmission Service** • Review types • Remove/Replace front CV • Remove/Replace Rear Axle • Flush Automatic Transmission	Technical Standards: 15.1-15.3 Professional Standards: 5.A, 5.D **Unit 16** **Starting System** • Identify Components • Inspect Circuit and Hardware • Perform Circuit Tests Technical Standards: 16.1-16.5 Professional Standards: 5.A, 5.F **Unit 17** **Charging Systems** • Review Fundamentals • Inspect Components/Wiring • Perform Tests • Test Component Operation	Technical Standards: 17.1-17.4 Professional Standards: 5.A, 5.F **Unit 18** **Lighting system** • Inspect Lighting System • Diagnose Electrical Faults • Inspect Trailer Connectors **Unit 19** **Review/Summative** • Individual Projects • Reflections • Summative • Supports and Feedback

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51% of the entire program will be conducted in a lab setting. The lab consists of hand-on learning projects and experiences where student will practice the necessary skills to complete the current unit study.