

## COEVTA 2025 August 11th - August 15th

Instructor/Class:	Monday	Tuesday	Wednesday	Thursday	Friday
	8-11	8-12	8-13	8-14	8-15
<b>Full Day Classes</b>					
<b>CLS1: Fire Pump Anatomy</b> Pump Maintenance & Repair 4 Day Class Mon-Thurs <b>Room: 190</b>	8am-5pm	8am-3pm	8am-5pm	8am-5pm	EVT Testing
<b>CLS2: I Like Big Trucks</b> Aerial Maintenance 4 Day Class Mon-Thurs <b>Room: 215</b>	8am-5pm	8am-3pm	8am-5pm	8am-5pm	EVT Testing
<b>CLS3: Don't Blow Your Fuse</b> Apparatus Electrical 4 Day Class Mon-Thurs <b>Room: 125</b>	8am-5pm	8am-3pm	8am-5pm	8am-5pm	EVT Testing
<b>CLS4: Who is Allison?</b> Allsion Transmission Maintenance 4 Day Class Mon-Thurs <b>Room: TBD</b>	8am-5pm	8am-3pm	8am-5pm	8am-5pm	EVT Testing
<b>CLS5: Holding It All Together</b> Basic Welding MIG/TIG 4 Day Class Mon-Thurs <b>Automotive Center Rm: 140/111</b>	8am-5pm	8am-3pm	8am-5pm	8am-5pm	EVT Testing
<b>CLS6: Keeping it Between the Lines</b> Brakes/Tires 4 Day Class Mon-Thurs <b>Room: 220</b>	8am-5pm Tires	8am-3pm Tires	8am-5pm Air Brakes	8am-5pm Air Brakes	EVT Testing
<b>CLS7: Power With Purpose</b> Cummins ISL9/X12 4 Day Clas Mon-Thurs <b>Room: 225</b>	8am-5pm	8am-3pm	8am-5pm	8am-5pm	EVT Testing

**EVT Testing must be registered separately via <http://www.evtcc.org/>**

<b>Vendor Night</b> BBQ Dinner Free		3:00 PM			
Training Chief: TBD EVT Testing Friday					8am-12pm
<b>**Lunch will be provided daily 12pm-1pm**</b>					



**CLS1: Fire Pump Anatomy**  
**PUMP MAINTENANCE & REPAIR**

**Instructors:**

**4 Day Course**

Class Overview: This course is designed to acquaint students with all levels of experience with the principles, theories, installations, applications, and standard inspection practices associated with fire pump maintenance, repairs and annual pump testing requirement for pumping fire apparatus. This course provides a working knowledge of common pump types, pressure controllers/governors, installation of various fire pump components and related accessories. Practical hands-on experience will improve the ability to correctly draft and flow water to analyze pump performance and implement accurate fire pump testing, tank-to-pump flow testing and testing Intake Relief Valves. This class covers a wide range of current NFPA 1901 and 1911 Testing Standards as well as fulfills the primary education requirement for EVT Fire Apparatus Technician Level I Certification requirements for the EVT. This class will consist of classroom and hands-on training.

**CLS2: I Like Big Trucks**  
**AERIAL MAINTENANCE**

**Instructor:**

**4 Day Course**

Class Overview: Aerial Maintenance and operations. This class will have info needed to obtain EVT F5. This class will also consist of in class instruction on NFPA 1911, NFPA 1901 standards as they apply to the maintenance, inspection and specifications of aerial apparatus. There will be hands-on instruction in proper aerial maintenance and inspections. We will spend a ½ day looking at aerial failures and how they have affected the current standard that aerials are built to today. We will also address failures that have occurred due to lack of maintenance. This class will consist of classroom and hands-on training.

**CLS3: Don't Blow Your Fuse**  
**APPARATUS ELECTRICAL**

**Instructor: Kevin Roberts**

**4 Day Course**

Class Overview: This Electrical Class is designed to prepare the students to take the EVTCC E-2 Electrical Test and much more. It delves into Electron Theory, AC and DC circuits, Critical Thinking Skills, diagnostic principles, proper use of diagnostic equipment, networks/multiplexing and gives the students opportunity to apply what they learn with hands-on experience. We offer instruction regarding the use of the Test Light, Digital Meter, Scan Tool, Lab Scope, Thermal Camera, Power Probe, Back Probes, and Jumper Wires. We bring test boards that can be configured to allow the students to find voltage drops. We test relays, loads, inverters, and other electrical components. This class will consist of classroom and hands-on training.

## COEVTA 2025 - Class Descriptions

### **CLS4: Who is Allison?**

#### **Allison Transmission Maintenance & Repair**

Instructor:

#### **4 Day Course**

Course Overview:

This course will go over theory and operation, maintenance, overhaul, and diagnostics.

### **CLS5: Holding It All Together**

#### **BASIC WELDING MIG/TIG**

Instructors: Mike Hanscome/Kyle Cadarette

#### **4 Day Course**

Class Overview: This is a basic welding class. This class will include 2 days of MIG welding and 2 days of TIG welding. This class will be taught by 2 AIMS College instructors in the Automotive Technology Building. All supplies and PPE will be provided. This class will consist of classroom and hands-on training.

### **CLS6: Keeping It Between The Lines**

#### **TIRES**

Instructor:

#### **2 Day Course**

Course Overview:

At the end of this course students will be able to:

- Determine if the fleet is getting the proper mileage out of the tires
- Understand the difference between Passenger, Euro-Metric, Euro-Commercial, Medium Commercial and Commercial Tires and how they should be applied.
- Understand vehicle loads vs tire pressure
- Know which brand of tire they should use and why
- Know what tires are good for their Emergency Vehicles
- Determine tire maintenance procedures
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#### **AIR BRAKE SYSTEMS**

Instructor: David Plumisto

#### **2 Day Course**

Course Overview:

This course is designed to teach overall air brake system theory and operation, including major system components and valving. Students will learn common diagnosis and repair procedures of the air brake system and wheel end braking systems including ADB and drum brakes.



## COEVTA 2025 - Class Descriptions

**CLS7: Power With Purpose**

**CUMMINS ISL9/X12**

**Instructor: Cummins Pacific Region**

**4 Day Course**

Course Overview: Instruction provided by Cummins engine trainers. This course will include hands-on and didactic training covering introduction, operation and maintenance, diagnosis and troubleshooting of the Cummins ISL9 and X12 engines.

