

# **Practicum in Transportation Systems**

**Local Course #:** 82762

**State Course ID:** 13040450

## **Course Description:**

The Transportation Career Cluster focuses on planning, management, and movement of people, materials, and goods by road, pipeline, air, rail, and water. It also covers related professional support services such as transportation infrastructure planning and management, logistics services, mobile equipment, and facility maintenance. This practicum is designed to give students supervised practical application of knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience such as internships, mentorships, independent study, or laboratories. The Practicum can be either school lab-based or work-based.

## **Link to TEKS:**

[https://texas-sos.appianportalsgov.com/rules-and-meetings?\\$locale=en\\_US&interface=VIEW\\_TAC\\_SUMMARY&queryAsDate=08%2F06%2F2025&recordId=225697](https://texas-sos.appianportalsgov.com/rules-and-meetings?$locale=en_US&interface=VIEW_TAC_SUMMARY&queryAsDate=08%2F06%2F2025&recordId=225697)

## **First 9 Weeks Major Topics:**

Intro, Safety, Internship requirements/expectations/logistics, Career Readiness (resume, interview)

## **Second 9 Weeks Major Topics:**

WBL internships/check In assignments, Lab based review: Vehicle Info, Vehicle Readiness, Measurements, HVAC, Engine Mechanical, Engine Management,

## **Third 9 Weeks Major Topics:**

WBL internships/check In assignments, Communication/Reflection. Lab based review: Vehicle Info, Vehicle Readiness, Electrical/Electronics. Electrical, Engine Management diagnosis cases.

## **Fourth 9 Weeks Major Topics:**

WBL internships/check In assignments, Lab based review: Vehicle Service, Electrical, Engine Management diagnosis cases/workshop tasks. Career Readiness.