

Course Title: Automotive Diagnostics Using Scanner Tools

Course Code: EEA 206

Course Background / Summary:

Successful diagnosis depends on using the same process for all problems and customer concerns to arrive at the root cause of the problem. Many different things can cause an engine performance problem or concern. All problem diagnosis deals with symptoms that could be the result of many different causes. The wide range of possible solutions must be narrowed to the most likely and these must eventually be further narrowed to the actual cause. The process of finding errors/symptoms of a problem can be expedited by using scanner tools.

Course Objectives:

- Discuss the type of scan tools that are used to assess vehicle components.
- Describe diagnostic trouble code retrieval, diagnosis, and testing for OBD-II vehicles.
- Able to perform diagnosis in an automotive system using scanner tool and rectify faults in light vehicle systems.

Target Audience:

- Engineers, Fresh Graduates, Industrial Workers, Retirees, Automotive Hobbyist

Course Duration: 3 Days

Course Contents

1.0 Diagnostic Techniques

2.0 Tools and Types of Equipment

3.0 Onboard diagnostics