

TDCJ AUTOMOTIVE TECHNOLOGY SPECIALIZATION—ENGINE PERFORMANCE CE CERTIFICATE (16- WEEK)

This is a 16-week program.

The automotive technology specialization leads to a continuing education certificate of completion.

This program provides continuing education units, not college credits.

This program requires a 5.5 E.A. score or a G.E.D./H.S.

AUMT-1005. Introduction to Automotive Technology. (0 Credits)

An introduction to the automotive industry including automotive history, safety practices, shop equipment and tools, vehicle subsystems, service publications, professional responsibilities, and basic automotive maintenance. May be taught manufacturer specific.

AUMT-1035. Automot Engine Sys Operation & Diagnosis. (0 Credits)

A study of the use of test equipment necessary for diagnosis and repair of the automobile engine and the proper use of this engine systems service equipment. Topics include the operation and repair techniques of the engine cooling system, intake and exhaust manifold.

AUMT-1055. Auto Oper & Diag of Ignition, Fuel, Emis. (0 Credits)

An introduction to the automotive industry including automotive history, safety practices, shop equipment and tools, vehicle subsystems, service publications, professional responsibilities, and basic automotive maintenance. May be taught manufacturer specific.

AUMT-2017. Automotive Engine Performance Analysis. (0 Credits)

Theory, operation, diagnosis of drivability concerns, and repair of ignition and fuel delivery systems. Use of current engine performance diagnostic equipment. May be taught manufacturer specific.

AUMT-2034. Automotive Engine Performance Analysis I. (0 Credits)

Diagnosis and repair of emission systems, computerized engine performance systems, and advanced ignition and fuel systems. Includes use of advanced engine performance diagnostic equipment. May be taught manufacturer specific.

Requires 5.5 E.A. score or G.E.D./H.S.

Code	Title	Hours
AUMT-1005	Introduction to Automotive Technology	12.8
AUMT-2017	Automotive Engine Performance Analysis	16

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AUMT-1055	Auto Oper & Diag of Ignition, Fuel, Emis	8
AUMT-2034	Automotive Engine Performance Analysis I	16
AUMT-1035	Automo Engine Sys Operation & Diagnosis	4.8
Total Hours		57.60