
POWERTRAIN MAINT/LIGHT REPAIR

TRN-112 **Powertrain Maint/Light Repair** **4 (2-6)** **Fall**
Prerequisites: AUT-116^L

Corequisites:

This course covers maintenance and light repair of transportation engines, automatic and manual transmission/transaxles, engine performance systems, and HVAC systems. Topics include general servicing and inspection procedures of engines, engine lubrication and cooling systems, automatic and manual transmission/transaxles, HVAC components, and fuel, air induction, and exhaust systems. Upon completion, students should be able to perform maintenance and light repair of transportation engines, automatic and manual transmission/transaxles, engine performance systems, and HVAC systems. (2015 SU)

TRANSP CLIMATE CONT LAB

TRN-140A **Transp Climate Cont Lab** **2 (1-2)** **Summer**
Prerequisites: TRN-120^L

Corequisites: TRN-140^S

This course provides experiences for enhancing student skills in the diagnosis and repair of transportation climate control systems. Emphasis is placed on reclaiming, recovery, recharging, leak detection, climate control components, diagnosis, air conditioning equipment, tools and safety. Upon completion, students should be able to describe the operation, diagnose, and safely service climate control systems using appropriate tools, equipment, and service information. (2013 FA)

TRANSP CLIMATE CONTROL

TRN-140 **Transp Climate Control** **2 (1-2)** **Summer**
Prerequisites: TRN-120^L

Corequisites:

This course covers the theory of refrigeration and heating, electrical/electronic/pneumatic controls, and diagnosis and repair of climate control systems. Topics include diagnosis and repair of climate control components and systems, recovery/recycling of refrigerants, and safety and environmental regulations. Upon completion, students should be able to diagnose and repair vehicle climate control systems. (2013 FA)