




















# COURSE COMPETENCY LIST


Course: AUTO  
Title: Automotive Technology


02/11/2003  
Medium Density


	AT - AUTOMOTIVE TECHNOLOGY - NATEF
	AT1 - ENGINE REPAIR
	AT1A - General Engine Diagnosis; Removal and Reinstallation (R & R)
	AT1A01 - Interpret and verify complaint; determine needed repairs.
	AT1A02 - Inspect engine assembly for fuel, oil, coolant, and other leads; determine needed repairs.
	AT1A03 - Listen to engine noises; determine needed repairs.
	AT1A04 - Diagnose the cause of excessive oil consumption, unusual engine exhaust color, odor, and sound; determine needed repairs.
	AT1A05 - Perform engine vacuum tests; determine needed repairs.
	AT1A06 - Perform cylinder power balance tests; determine needed repairs.
	AT1A07 - Perform cylinder compression tests; determine needed repairs.
	AT1A08 - Perform cylinder leakage tests; determine needed repairs.
	AT1A09 - Remove engine (front-wheel drive); prepare for tear down.
	AT1A10 - Reinstall engine (front-wheel drive).
	AT1A11 - Remove engine (rear-wheel drive); prepare for tear down.
	AT1A12 - Reinstall engine (rear-wheel drive).
	AT1B - Cylinder Head and Valve Train Diagnosis and Repair
	AT1B01 - Remove cylinder head(s); inspect cylinder head(s) for cracks; gasket surface areas for warpage and leakage; check passage condition.
	AT1B02 - Install cylinder head(s) and gasket(s).


**When using the portable bar code reader, you record a competency and score using this sheet. This sheet is not required when using a PALM Handheld Device.**

 "0" - No Exposure; no information or practice

 "1" - Exposure Only; general information

 "2" - Limited Practice; has practiced job during

 "3" - Moderately Skilled; has performed job

 "4" - Skilled; can perform job