

HET Truck and Transport ILM Pre-Study Package List (Revised May 7 2009)

| Module No. | Description |
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| 190101a | Safety and Communications |
| 190101b | Lifting Procedures and Wire Rope |
| 190101c | Materials and Fastening Devices |
| 190101d | Hand, Shop and Power Tools |
| 190101e | Measuring Tools |
| 190101f | Oxy-Fuel Equipment, Heating and Cutting |
| 190102a | Frame and Suspension Fundamentals |
| 190102b | Frame and Suspension Service |
| 190102c | Bearings and Seals |
| 190102e | Trailer Systems and Components |
| 190102fA | Coupling Units and Landing Gear Fundamentals and Service - Part A |
| 190102fB | Coupling Units and Landing Gear Fundamentals and Service - Part B |
| 190102g | Orientation to Trailer Inspection |
| 190102h | Preventive Maintenance |
| 190103a | Hydraulic Brake System Fundamentals |
| 190103b | Hydraulic Brake System (Drum and Disc) |
| 190103c | Hydraulic Brake System Diagnosis and Service |
| 190103d | Hydraulic Brake Booster System Fundamentals and Service |
| 190103e | Parking Brake System Fundamentals and Service |
| 190103f | Electric Brake Fundamentals and Service |
| 190104a | Electrical Theory |
| 190104b | Electrical Circuits |
| 190104c | Magnetism |
| 190104d | Test Equipment |
| 190104e | Battery Fundamentals and Service |
| 190104fA | Electrical Wiring, Lighting Circuits and Circuit Protection - Part A |
| 190104fB | Electrical Wiring, Lighting Circuits and Circuit Protection - Part B |
| 190104g | Basic Electronics |
| 190104h | Electronic Control Systems |
| 190105b | Hydraulic System Components: Reservoir, Filters, Hoses and Coolers |
| 190106a | Air Brake System Fundamentals |
| 190106b | Air Brake System Mechanical Components |

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| 190106cA | Truck/Tractor Air Brake System Components - Part A |
| 190106cB | Truck/Tractor Air Brake System Components - Part B |
| 190106d | Trailer Air Brake System Components |
| 190106e | Air Brake System Testing and Service |
| 190106f | Air Antilock Brake System Fundamentals |
| 190201a | Engine Fundamentals |
| 190201b | Engine Block and Cylinder Liner Fundamentals |
| 190201c | Engine Block and Cylinder Liner Service |
| 190201d | Piston, Piston Rings and Connecting Rod Fundamentals |
| 190201e | Piston, Piston Rings and Connecting Rod Service |
| 190201f | Crankshaft, Bearings and Related Component Fundamentals |
| 190201g | Crankshaft, Bearings and Related Component Service |
| 190201h | Camshaft and Follower Fundamentals |
| 190201i | Camshaft and Follower Service |
| 190201j | Cylinder Head Fundamentals |
| 190201kA | Cylinder Head Service - Part A |
| 190201kB | Cylinder Head Service - Part B |
| 190201l | Engine Braking System Fundamentals and Service |
| 190202a | Air Induction and Exhaust Systems |
| 190202b | Turbocharged Air Systems |
| 190202c | Lubrication Systems and Crankcase Ventilation |
| 190202dA | Cooling Systems (Liquid and Air) - Part A |
| 190202dB | Cooling Systems (Liquid and Air) - Part B |
| 190203a | Diesel Fuel and Storage Tanks (Machine and Bulk Storage) |
| 190203b | Combustion Process and Starting Aids |
| 190203c | Basic Fuel Injection System |
| 190203d | Fuel System Service |
| 190203e | Port/Helix Metering Fuel Systems |
| 190203f | Opposed Plunger Inlet Fuel Metering Systems |
| 190203g | Diesel Fuel Injector Fundamentals and Service |
| 190203h | Engine Governor Fundamentals and Service |
| 190203i | Emergency Shutdown Systems |
| 190204a | Electronic Fuel System Fundamentals |
| 190204b | Electronically Controlled Fuel Injection Systems |
| 190204c | Performance Analysis and Tune-Up |

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| 190205a | Charging System and Control Circuit Fundamentals |
| 190205b | Charging System Testing and Service |
| 190205c | Cranking System Fundamentals and Motor Drives |
| 190205d | Cranking System Control Circuits |
| 190205e | Cranking System Testing and Service |
| 190205f | Non-Electric Cranking Systems |
| 190301a | Hydraulic Principles |
| 190301b | Hydraulic Pump Fundamentals |
| 190301c | Hydraulic Pump Service |
| 190301d | Hydraulic Actuator Fundamentals |
| 190301e | Hydraulic Actuator Service |
| 190301fA | Hydraulic Valves - Part A |
| 190301fB | Hydraulic Valves - Part B |
| 190301g | Hydraulic Systems Types |
| 190301h | Hydraulic System Testing and Service |
| 190301i | Electrohydraulics |
| 190302b | Suspension System Fundamentals and Service |
| 190303a | Gearing Principles |
| 190303b | Torque Converter Fundamentals and Service |
| 190303c | Powershift and Automatic Transmission Mechanical/Electronic Components |
| 190303d | Powershift and Automatic Transmission Control and Shifting |
| 190303e | Hydraulic Retarder Fundamentals |
| 190303f | Powershift and Automatic Transmission Testing and Service |
| 190303k | Clutch Fundamentals and Service (Off-Road) |
| 190401a | Clutch Fundamentals and Service (On-Road) |
| 190401b | Driveline Fundamentals and Service |
| 190401c | Gearing Principles |
| 190401dA | Transmission Fundamentals - Part A |
| 190401dB | Transmission Fundamentals - Part B |
| 190401e | Transmission Shifting |
| 190401f | Transmission Service |
| 190401g | Transfer Case and Auxiliary Drives |
| 190401h | Drive Axle Assembly Fundamentals (On-Road) |
| 190401i | Drive Axle Assembly Service (On-Road) |
| 190402a | Steering Fundamentals |

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| 190402b | Steering Service |
| 190402c | Steering Angles and Alignment |
| 190403a | Air Conditioning Fundamentals |
| 190403b | HVAC Control Systems (Heating, Ventilation and Air Conditioning) |
| 190403cA | Air Conditioning Testing and Service - Part A |
| 190403cB | Air Conditioning Testing and Service - Part B |
| 190404a | Air Antilock Brake Systems |
| 190404b | Air Antilock Brake System Diagnosis |
| 190405a | Truck Electrical Circuit Fundamentals |
| 190405b | Truck Electrical Circuit Service |
| 190405d | Orientation to Vehicle Inspection |

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Automotive Service Technician Modules Available

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| 090303a | Ignition System Fundamentals |
| 090303b | Distributor Ignition Systems |
| 090303c | Electronic Ignition Systems |
| A090305a | Ignition system Fundamentals |

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Auto Body Technician Modules

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| 100102d | Component Assembly, Removal and Installation |
| 100101a | Safety in the Workplace |
| 102302a | Body Damage Analysis |
| 102302g | Glass Replacement |