

TRAINING ACADEMY CLASSES

OFFERED TO DEPARTMENT EMPLOYEES:

COURSE	CLASS LENGTH	PREREQUISITES	COURSE DESCRIPTION
<i>TA101 Equipment Operation 101</i>	64 hours	Required within 1 st Year of employment	Safety, PM and operation of single axle dump truck, loader, rollers, broom. Towing and securing, pothole patching.
<i>TA201A Tandem Axle</i>	32 hours	Prerequisite: 101 Class	Safety, PM and operation of single axle dump truck, loader. Maneuvering, shifting, hauling. Loading trucks, stockpiling.
<i>TA201B Basic Blade</i>	32 hours	Prerequisite: 101 Class	Safety, PM and operation of motor grader. Instruments and controls, pre-marking, 2 to 1 setting, basics of building a good road.
<i>TA202 Advanced Motor Grader</i>	32 hours	Prerequisite: TA101 and TA201 or TA201B Class	Advanced Blade skills including articulation, high bank blading, testing in 3:1 front slope, 8:1 back slope, laying material with a crown toward the center of a road and maneuvering thru stakes.
<i>TA301 Basic Backhoe</i>	32 hours	Prerequisite: 101 Class	Safety, preventive maintenance and operation of backhoe. Trenching, backfilling, locating and digging out buried pipe and tank. Loading truck with backhoe.
<i>TA401 Basic Dozer</i>	32 hours	Prerequisite: 101 Class	Safety, PM and operation of dozer. Identify instruments and controls. Dig and fill a pit with a bulldozer, operate on slopes. Level with a bulldozer.
<i>TA501 Transport Truck Driver</i>	64 hours	Prerequisite: TA101 and TA201 or TA201A Class	Safety, PM and operation of tractor/trailer. CDL pre-trip inspection, shifting, maneuvering, loading and securing various pieces of equipment.
<i>TA601 Basic Scraper</i>	32 hours	Prerequisite: 101 Class	Safety, PM and operation of scraper. Cut, load earth, move to fill area, and spread. Strip topsoil.
<i>TA701 Servicing & Troubleshooting</i>	32 hours	As needed	Basic knowledge and skills to troubleshoot gas and diesel trucks, rollers, brooms and loaders. Starting systems, fuel, and hydraulics, electrical, and braking systems. NOT a course for mechanics. Designed to teach operators to identify problems, repair minor ones and refer major to a mechanic.

<i>TA 801 Basic Welding</i>	32 hours		Basic knowledge of safety practices and application of Arc Welding. Use of cutting torch and brazing.
<i>TAC-031 Forklift Certification</i>	8 hours	As needed	Safety, PM and operating techniques on forklift. Written and performance test.
<i>TA302 Basic Supervisor Overview</i>	32 hours	Prerequisite: Maintenance supervisor or assistant only	Supervisory skills: Communication, planning, managing the work force. Updates on legal issues, maintenance management, equipment management, human resources, loss control, staff development.
<i>TAT-031 Basic Flagging</i>	4 hours	As needed	Learn proper Flagging procedures. Flagging standards from the MUTCD manual.
<i>TAT-041 Welding Inspection</i>	32	As needed	Inspection of weldments, destructive and non-destructive practices. Use of equipment and tools. Learn welding codes in reading blueprints.