When/Where:
Two sessions from which to choose:
1. October 24, 2017 – 8:30 a.m. to 4:00 p.m.; Delaware Biotechnology Institute, 15 Innovation Way, Newark, DE 19711
2. November 8, 2017 – 8:30 a.m. to 4:00 p.m.; Carvel Research & Education Center, 16483 County Seat Highway, Georgetown, DE 19947

Workshop Overview:
This six module, one day workshop will cover the full range of snow and ice removal and control, including program development, planning, pre-season activities, in-season operations, post storm activities, and post season activities. It is designed so that all involved personnel can have a sound understanding of the fundamentals and a better appreciation for why others in the network are doing what they are doing. Plow operators, other equipment operators, road superintendents, supervisors, town managers, town clerks, and elected officials can all benefit from this one day of training. Even experienced veterans are invited, but we will try to coerce a story or two out of you to help the cause.

Module 1 – Introduction to Snow and Ice Control:
• General Objectives
• Weather Basics
• Importance of Training
• Innovation and Evolution
• Safety
• Risk Management
• Liability

Module 2 – Planning and Program Development:
• Snow and Ice Removal Plan
• Standard Operating Procedures
• Route Maps/Assignments
• Budgeting
• Acquiring and renting equipment
• Recordkeeping
• Preparing Elected Officials
• Preparing the Public

Module 3 – Pre-Season Activities:
• Personnel Training and Refreshers
• Stakeholder Briefings
• Contracting and Material Acquisition
• Storage and Handling Materials
• Equipment Readiness
• Crew/Equipment Assignments
• Calibrate Spreaders and Other Equipment
• Public Service Announcements and Bulletins
Module 4 – Operations/In-Season Activities:
• Chain of Command
• Inspect Road Conditions
• Safety Meetings
• Plowing Techniques
• Abrasives and Freeze Point Depressants
• Weather Information
• Recordkeeping
• Meals
• Special Areas
• Worst Case Weather Scenarios
• Disabled/Abandoned Vehicles
• Disposal of Snow
• Environmental Concerns
• Safety
• Day/Night Operations
• Dealing with the Public

Module 5 – Post Storm Activities:
• Push Back Shoulders
• Clear Drainage Ways
• Refreezing
• Maintaining and Cleaning Equipment
• Restore Sight Distances
• Restoring Safety Features
• Removal of Snow
• Asset Inventory
• Interim Pavement Repairs
• Assess Performance and Debrief

Module 6 – Post Season Activities:
• Inventory Equipment and Materials
• Clean and Repair Equipment
• Store Equipment
• Review of Performance and Safety Statistics
• Brief Elected Officials
• Plan for Replenishment of Materials
• Road and Shoulder Repairs
• Assess the Season/Calibrate the Plan

Instructor: Matheu J. Carter, P.E., T² Engineer, Municipal Engineering Circuit Rider

Registration: Register online here. Registrations will be confirmed approximately two weeks before the workshop. Because space is limited to 40 participants per session, the T² Center will allocate seats to as many different agencies as possible.

Fees: State, local, and federal transportation agency employees – FREE
Private sector (consultants, contractors, vendors, etc.) - $50

Refreshments: Continental breakfast and lunch included.

Parking: On-site free parking.

For driving directions:
DBI (Newark): Go to http://www.dbi.udel.edu/resources-and-facilities/directions
Carvel Center (Georgetown): Go to http://www.rec.udel.edu/CarvelDirections.htm

If you need more information, please contact the Delaware T² Center at 302-831-4094.