

Power & Communication Utility Training Center DANESC In-House Seminars

Topics	Clearances	Clearances & Grounding								Broad Coverage			
										Intro to NESC	Detailed Discussions of NESC		
Number of Seminar Days **	0.5	1.0	1.0	1.5	1.5	2.0	2.0	2.5	2.5	1.0	3.0	3.0	3.5
Seminar Code**	DA-1	DA-1	DA-2	DA-1	DA-2-JU	DA-1	DA-2-JU	DA-1 ¹	DA-2-JU	DA-1-IN	DA-1	DA-2-JU	DA-1
NESC Structure & General Rules	Sel	Sel	Min	Full	Full	Ext	Ext	Ext	Ext	Sel	Ext	Ext	Ext
Grounding Requirements		Full	Full	Full	Full	Full	Full	Full	Full	Full	Full	Full	Full
Grounding Methods		Min	Min	Sel	Min	Sel	Sel	Full	Full	Sel	Ext	Ext	Ext
Overhead Lines—General						Min		Min	Min	Sel	Sel	Sel	Sel
Overhead Clearances	Min	Sel	Full	Sel	Sel	Sel	Sel	Full		Sel	Full	Full	Ext
Supply Station Clearances								Full			Full		Full
Underground Clearances								Full			Full		Full
Exercises in Applying the NESC				Sel	Sel	Full	Sel	Full	Full		Ext	Ext	Ext
Exercises in Using Sag & Tension Charts for Loadings & Clearances					Min		Full		Full		Min	Full	Full
Information Required to Determine Joint Use Clearances					Full		Full		Full		Full	Full	Full
Pole Loading & Strength Calculation Exercises													Min
Overhead Strengths & Loadings										Sel			Sel
Overhead Line Insulation										Min			Min
Supply Stations													
Underground										Sel	Min		Sel
Work Rules										Sel	Sel		Sel
ANSI Z535 Utility Safety Signs													Sel
Continuing Education Units	0.35	0.60	0.60	1.00	1.00	1.35	1.35	1.70	1.70	0.60	2.05	2.05	2.40
Professional Development Hours	3.5	6.0	6.0	10.0	10.0	13.5	13.5	17.0	17.0	6.0	20.5	20.5	24.0

Legend	
Min	Minimal Coverage
Sel	Selected Rules
Full	Complete Rules
Ext	Expanded Discussion
SpTop	Plus Special Topics

**This chart shows the standard seminar topics for different length seminars. The topics and the amount of coverage in each length seminar can be modified to fit the needs of any group. All desired modifications must be verified with the instructor. Class exercises are tailored to reinforce each subject.*

*** Full seminar code = Number of days followed by seminar code suffix, such as 2.5-DA-2-JU*

¹ DA-1A omits supply station clearances;
DA-1B omits underground clearance

Topics	Targeted Coverage							
	Overhead Communication Clearances			Overhead Clearances Grounding Loadings & Strengths	Overhead Transmission Clearances & Grounding	Overhead & Underground Grounding & Bonding		Supply Stations
Number of Seminar Days **	1.0	1.5	2.5	2.5	2.5	1.0	1.5	0.5
Seminar Code**	DA-3-JUI	DA-3-JUI	DA-3-JUI	DA-4-OH	DA-4-TR	DA-5-GB	DA-5-GB	DA-6-SS
NESC Structure & General Rules	Full	Full	Ext	Ext	Full	Ext	Ext	Min
Grounding Requirements	Full	Full	Full	Full	(Parts 1&2) Sel	Full	Full	
Grounding Methods	Min	Min	Sel	Full		SpTop	SpTop	
Overhead Lines—General			Min	Min	Min	Sel	Sel	
Overhead Clearances	Sel	Sel	Sel	Full	Full			
Supply Station Clearances								
Underground Clearances								
Exercises in Applying the NESC		SpTop	Full	Full	Full			
Exercises in Using Sag & Tension Charts for Loadings & Clearances	Min	Sel	Full	Full	Sel			
Information Required to Determine Joint Use Clearances	Full	Full	Full	Full	Full			
Pole Loading & Strength Calculation Exercises				Min	Min			
Overhead Strengths & Loadings				Sel	Sel			
Overhead Line Insulation				Min	Min			
Supply Stations					Sel			Full
Underground								
Work Rules						Sel	Sel	
ANSI Z535 Utility Safety Signs				Min	Min		Sel	
Continuing Education Units	0.60	0.95	1.70	1.70	1.7	0.60	1.00	0.35
Professional Development Hours	6.0	9.5	17.0	17.0	17.0	6.0	10.0	3.5

Legend	
Min	Minimal Coverage
Sel	Selected Rules
Full	Complete Rules
Ext	Expanded Discussion
SpTop	Plus Special Topics

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