

Power & Communication Utility Training Center DANESC In-House Seminars

Topics	Clearances	Supply Stations	Clearances & Grounding								Broad Coverage			Targeted Coverage					
											Intro to NESC	Detailed Discussions of NESC			Overhead Communication Clearances			Overhead & Underground Grounding & Bonding	
Number of Seminar Days **	0.5	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	1.0	1.5	2.5	1.0	1.5
Seminar Code**	DA-1	DA-2	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	DA-3	DA-3	DA-3	DA-4-GB	DA-4-GB
NESC Structure & General Rules	Sel	Min	Sel	Min	Full	Full	Ext	Ext	Ext	Ext	Sel	Ext	Ext	Ext	Full	Full	Ext	Ext	Ext
Grounding Requirements			Full	Full	Full	Full	Full	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	Min	Min	Sel	SpTop	SpTop
Overhead Lines—General							Min		Min	Min	Sel	Sel	Sel	Sel			Min	Sel	Sel
Overhead Clearances	Min		Sel	Full	Sel	Sel	Sel	Sel	Full	Full	Sel	Full	Full	Ext	Sel	Sel	Sel		
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		SpTop	Full		
Exercises in Using Sag & Tension Charts for Loadings & Clearances						Min		Full		Full		Min	Full	Full	Min	Sel	Full		
Information Required to Determine Joint Use Clearances						Full		Full		Full		Full	Full	Full	Full	Full	Full		
Pole Loading & Strength Calculation Exercises														Min					
Overhead Strengths & Loadings											Sel			Sel					
Overhead Line Insulation											Min			Min					
Supply Stations		Full																	
Underground											Sel	Min		Sel					
Work Rules											Sel	Sel		Sel				Sel	Sel
ANSI Z535 Utility Safety Signs														Sel					Sel
Continuing Education Units	0.35	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	0.60	0.95		0.60	1.00
Professional Development Hours	3.5	3.5	6.0	6.0	10.0	100	13.5	13.5	17.0	17.0	6.0	20.5	20.5	24.0	6.0	9.5		6.0	100

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 clearances