Table of Contents

Introduction	7
Course Objectives	7
Course Overview	7
A Brief History of Two-Wire Technology	7
System Overview	9
Definition of a Multiwire System	9
Definition of a Two-Wire System	10
System Components	13
Station Decoders	13
Decoder Programmers	
Two-Wire Communication Cable	15
Maximum Wire Runs	
Typical Two-Wire Communication Cable Layouts	
Lightning and Surge Suppression	
Examples of Ground Strikes on a Two-Wire System	21
Two-Wire vs. Multiwire Control Systems	23
Cost Effectiveness: Multiwire vs. Two-Wire Control Systems	
References and Suggested Supplemental Reading	27
Glossary of Terms	27
Please note: Glossary terms are bold italic the first time they appear in tex	
About IA	31
About the Foundation	31
Soction A. Annondiy A	22