



Course 301 Syllabus

Classes covering NextGen Electrical Test Suite (NETS) require a minimum of general working knowledge of Windows and Windows-based applications.

DAY 1

TOPIC	CLASSROOM	LAB	PRACTICAL APPLICATION
Introduction	1.0		
Test Script Writing and Customization Review	2.0		
Lunch	1.0		
Test Script Writing and Customization Review (cont'd)	1.5		
Advanced Test Script Reporting	2.0		

DAY 2

TOPIC	CLASSROOM	LAB	PRACTICAL APPLICATION
Advanced Pausing Test Scripts / Restricting Operator Intervention	1.5		
Programming Assignment 1	.5	1.5	
Lunch	1.0		
Programming Assignment 1 (cont'd)		1.5	1.0

DAY 3

TOPIC	CLASSROOM	LAB	PRACTICAL APPLICATION
Precision Measurement	1.5		
External Energization / Latching Matrix	1.5		
Lunch	1.0		
Programming Assignment 2	.5	3.0	

DAY 4

TOPIC	CLASSROOM	LAB	PRACTICAL APPLICATION
Programming Assignment 2 (cont'd)			1.5
TEIC	1.0		
Multi Bus Architecture (MBA)	1.0		
Lunch	1.0		
Facility Tour	1.0		
Course Wrap Up	1.0		

NOTE: Days 2-4 focus on operating NETS, the lab, and practical application.



Materials

Each student attending Course 301: NETS Programming Basic will be provided with the following materials to aid the student throughout the course:

- (1) Course 460: NETS® Programming and Operating Training Manual**
- (2) DIT-MCO Programming Cheat Sheet**

These materials are provided to the students on Day 1 and are retainable by the students.

Testing and Certification

Three programming assignments will be given. Once all students have completed the assignments, the instructor will run the test scripts on a UUT and review them with the class. Students who successfully complete the programming assignments will receive a course completion certificate.

Notes

This course is designed to span four (4) eight (8)- hour days of mixed methods of instruction with a maximum capacity of ten (10) students.

Periods of instruction of one hour or greater are scheduled for 50 minutes in class with a 10-minute break.

Days 2-4 begin with a review of the material covered in the previous days. During this time, a question-and-answer period is allotted to answer questions regarding topics covered up to that point.