



## Course 460 Syllabus

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

### DAY 1

TOPIC	CLASSROOM	LAB	PRACTICAL APPLICATION
Introduction	1.0		
NETS Overview and Configuration	1.5	0.5	
Switching and Test Types	1.0		
Lunch	1.0		
ACT File Creation	1.0	0.5	
Basic Parameter Statement	1.5		

### DAY 2

TOPIC	CLASSROOM	LAB	PRACTICAL APPLICATION
Basic Test Script	1.5		
Programming Assignment 1		0.5	
Customizing Test Scripts (pause lesson for lunch)	3.0		
Lunch	1.0		
Test Script Reporting	1.0		
Pausing Test Scripts/Restricting Operator Input	1.0		

### DAY 3

TOPIC	CLASSROOM	LAB	PRACTICAL APPLICATION
Create Editor Menu	1.0		
Programming Assignment 2		2.5	
Lunch	1.0		
Running the Test Script / Test File Execution	1.0		1.0
Wire List Import / Self Program	1.0		0.5

### DAY 4

TOPIC	CLASSROOM	LAB	PRACTICAL APPLICATION
User Accounts / Maintenance Menu	1.0		
External Energization / Latching Matrix	1.0		
Precision Measurement	1.0		
Lunch	1.0		
External Instrument Control (TEIC)	0.5		
Programming Assignment/Final Exam	1.0	2.0	
Facility Tour			

\*\*Note – Days 3-4 focus on operating NETS® and the lab and practical application.



## Materials

Each student attending Course 460: NETS® Programming and Operation will be provided 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

Prior to concluding the course on Day 4, a final practical and written exam will be administered. The practical and exam is open-book, open-notes, and should take students approximately three classroom hours combined to complete. Once all students have completed the exam, the instructor will provide a review with the entire class. Students who pass the course with a 75% or better average on the practical and final exam will receive a course completion certificate.

## Notes

This course is designed to span the course of four (4) eight (8) hours days of mixed methods of instruction with a maximum capacity of twelve (12) students.

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

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