



THE INFINITY PROJECT

PDI Description

VAB to LabVIEW for The Infinity Project

Introduction: This course is intended for experienced Infinity Project instructors from schools who have made the decision to upgrade their Infinity Project Technology Kits with the new *LabVIEW for The Infinity Project* software.

Course participants will be provided with an introduction to the new software. A major focus will be placed on the new lab experiments that have been converted from VAB to LabVIEW for the Infinity Project in each chapter.

Qualifications of educators: Experienced Infinity Project instructors.

Course Objectives:

Participants will:

- Use the *LabVIEW for The Infinity Project* to create applications
- Understand front panels, block diagrams, and icons and connector panes
- Use built-in *LabVIEW for The Infinity Project* functions
- Create and save programs in *LabVIEW for The Infinity Project* so you can use them as subroutines
- Access and review the new equivalent lab experiments converted from VAB

Topics Covered:

1. Overview of *LabVIEW for the Infinity Project* Software
2. Steps to build your own Virtual Instruments (VIs)
3. Chapter 1-8 *LabVIEW for the Infinity Software* lab experiments

Course Materials:

LabVIEW for the Infinity Project software:

- Instructor User's Guide
- Student Lab Manual
- Daily Lesson Plan Guide
- Software Overview PPT Slides

Duration: 5 days

Cost: \$750

Schedule: 8:30-5:00