

## PPT VISION Standard Training Class Agenda

### Day 1 and 2, IMPACT Overview, 8:30 a.m. - 4:30 p.m.

- Hardware Options and Features
- Software Overview
- Software Installation
- Developing an IMPACT VPM Program
- Simulation and Testing
- Pattern Matching
- Defect Detection
- Rejecting Failed Parts
- Creating a custom user-interface
- Programming a virtual camera
- Multi-camera applications

### Day 3, IMPACT Advanced, 8:30 a.m. - 4:30 p.m.

- High-Accuracy Measuring
- Edge-based part locating
- Sub-routine control for multiple inspections
- Data display using tables
- Online / Offline controls
- Control Panel Templates
- Inspection Time and Optimization
- Pass / Fail counters
- Logical and boolean functions
- Basic scripting
- Software debugging

### Day 4 (optional), Workshop & Evaluation, 8:30 a.m. - 12:00 p.m.

This optional half-day workshop includes a lighting and optics lab where you can work directly with a PPT Application Engineer to implement your specific machine vision application. **Important:** If you plan to attend this workshop, please bring samples or images of your application.

**What to bring:** Please bring a laptop to class with you so you can load the latest software on it and develop your applications to take home.