



# Application Server Training Syllabus

---

## COURSE INFORMATION

### LENGTH: 4-DAYS

The Application Server 2017 course is a 4-day, instructor-led class designed to provide an overview of the features and functionality of Application Server. This course provides lectures and hands-on labs to supply and reinforce the knowledge necessary to use the ArchestrA tools and services in System Platform for plant modeling.

The class demonstrates how to use Application Server technology to connect to field devices, process data, run scripts, handle alarms, and historize alarms and events. This course also provides a fundamental understanding of application maintenance, real-time alarm recording, and security settings, and describes how to set up redundancy.

This is achieved using features and functionality such as Automation Objects, templates, instances, the ArchestrA Integrated Development Environment (IDE), and the QuickScript .NET scripting engine. This course also provides a fundamental understanding of Galaxy maintenance, real-time alarm system, security models, and redundancy setup.

### Who should attend?

- Application developers, engineers, system integrators, and other individuals who use Application Server in their manufacturing processes

### Objectives

- Create and deploy new applications using the ArchestrA IDE
- Model the plant floor using automation objects
- Employ rapid prototyping using a data simulator
- Acquire data from field devices
- Configure data communication and engine redundancy
- Work with alarm and history configurations in an application
- Maintain application functionality using import and export
- Define the security model for the application
- Implement .NET Scripting to enhance application functionality
- Back-up and restore an application

### Prerequisites

- Industrial automation software concepts
  - Manufacturing industry experience
-



### **Hotel and Accommodations:**

#### **Oakville location - Hampton Inn by Hilton Toronto-Mississauga West**

2085 North Sheridan Way, Mississauga, Ontario, L5K 2T2, Canada

Phone: 905-823-8600

Rate: \$129.00 per night.

Please mention Wonderware Canada East **Corporate ID 560048219** when booking.

#### **Laval Location - Hilton Montreal/Laval**

2225, Autoroute des Laurentides, Laval, Quebec, H7S 1Z6, Canada

Phone: +1-450-682-2225 FAX: +1-450-682-8492

Rate: Please contact hotel for current rates.

Course fee: \$3,000.00 CAD per seat

---