

## PL-600T00: Microsoft Power Platform Solution Architect

### Course outline

#### Module 1: Becoming a Solution Architect/Getting to know your customer

##### *Lessons*

- Define a Solution Architect
- Role of a Solution Architect on projects
- Project Methodology
- Getting to know your customer
- Group exercise - Getting to know your customer

#### Module 2: Conceptualizing the design from requirements

##### *Lessons*

- How to lead the requirement collection effort
- Using fit gap analysis
- Pillars of good architecture
- Blueprinting the solution architecture
- Group exercise - Design from requirements

#### Module 3: Project governance and working as a team

##### *Lessons*

- Solution Architect's role in project governance
- Techniques for keeping a project on track
- Scenarios that could cause a project to fail
- Group exercise - Project governance and working as a team

#### Module 4: Microsoft Power Platform Architecture

##### *Lessons*

- Key Microsoft Power Platform architecture components
- Understand how platform design and limits influence solution architectures
- Updates and feature releases
- Understand how to communicate how the platform meets customer needs

## Module 5: Data Modeling

### *Lessons*

- Data model influences
- Data model strategy
- Data types
- Data relationships
- Group exercise - Data modeling

## Module 6: Analytics and artificial intelligence

### *Lessons*

- Planning and evaluating requirements
- Operational reporting
- Power BI
- Enterprise BI
- Pre-built insights and custom AI

## Module 7: Power Apps Architecture

### *Lessons*

- Discuss options for apps and how to choose where to start
- Discuss app composition options
- Using components as part of your app architecture
- Considerations for including Portals as an app in your architecture
- Group exercise - Power Apps Architecture topics

## Module 8: Application Lifecycle Management (ALM)

### *Lessons*

- Microsoft vision and Solution Architect's role in ALM
- Environment strategies
- Defining a solution structure for your deliverable

## *Lab : ALM Hands-on Lab*

### Module 9: Power Automate Architecture

#### *Lessons*

- Discuss options for automation and custom logic
- Review considerations for using triggers and common actions
- Explore using Business Process Flows (BPF) to guide users through business processes
- Group Exercise - Evaluate scenarios for Power Automate usage

### Module 10: Security Modeling

#### *Lessons*

- Solution Architect's role in security modeling
- Discovery and learning your client's environment
- Controlling access to environments and resources
- Controlling access to CDS Data
- Group Exercise - Security Modeling

### Module 11: Integration

#### *Lessons*

- Solution Architects role in Integrations
- What is an integration and why do we need it
- Platform features that enable integration
- CDS Event Publishing
- Scenarios for group discussion

### Module 12: Dynamics 365 Applications Architecture

#### *Lessons*

- Solution Architect's role when deploying Dynamics 365 apps
- Architecture Considerations for primary apps
- Group Exercise - App specific working groups evaluate requirements

## Module 13: Power Virtual Agents architecture

### *Lessons*

- Introduction
- Chatbot options
- Chatbot concepts
- Best practices
- Integrate chatbots
- Power Virtual Agents in Microsoft Teams

## Module 14: Robotic Process Automation

### *Lessons*

- Introduction
- Power Automate Desktop
- Recording and editing tasks
- Running desktop flows
- Process advisor

## Module 15: Testing and Go Live

### *Lessons*

- Solution Architect's role with testing and go live
- Planning for testing
- Planning for go live