![Dunnington Software Development Incorporated - Moving At The Pace Of Integrity!](logo)

# Project Development Skills For Architects

Pega 8.8 and Pega Infinity '23

## Architect Certifications

Architect preparation and readiness for solution skills and to secure multiple Pega certifications: CPSSA, CPSA, CPBA.

## Course Topics

- **Pega Express** concepts are fully explained and implemented into all phases of the use case solution

- **Pega Platform Design** concepts discuss SSA skills for designing and developing production solutions

- **Application Dev & Design** explores user stories, feedback, bugs, estimator tools rule reuse, App creation and development

- **Case Management** concepts are explained for advanced Case Life Cycle Design

- **Data Management** concepts detail competencies for data modeling, properties, fields and integrations

- **User Experience** concepts teach mobility design to create modern user interfaces

- **Mobility** topics discuss how to configure mobile channels for mobility devices

- **DevOps/Deployment & Testing** explains processes and use for project testing

- **Performance** describes debugging tools, techniques, and viewing memory for application support

- **Security** topics support role, attribute, client based access control, security policies and data encryption

- **Reporting** topics supports report types, multiple sources, filters, insights associations and joins

## Course Inquiries

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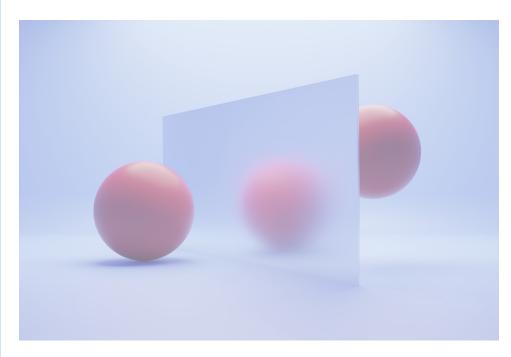Europe                        +41 76 505 2023

09:00 - 16:00  CT/CEST
(USA Central Timezone / Zürich Timezone)

## Overview

**Obtain 3X the training in one course for CPBA, CPSA, CPSSA preparation, and project-skill enablement!** Pega Accredited Trainers guide students through certification topics and project-based learning through LSA consultancy**.**



## Course Benefits

After completing the course, students are prepared to sit for the CPBA, CPSA and CPSSA certification exams and provide Business Architect or Senior System Architect level support for Pega projects.

- 62% ILT financial savings over traditional pricing

- Reduced time-to-learn by 62% (10 days vs 26 days)
  *PED-3 days, BAE-5 days, SAE-8 days, SSA-10 days

- Decreased ILT classes by 75% (1 class vs 4 classes)
  *PED, BAE, SAE, SSA

- Flexible Micro Learning Sessions
  *Combinations: 10-days, 5-days, 4-days, 3-days, 2-days, 1.5-days

- Optimized learning experience through interwoven lecture and project-skills

- Pre-knowledge and skill preparation for LSA 1 certification

## Course Design

This course provides daily lectures mapped directly to certification topics and vital skills for case design, rules configuration, and project implementation. The trainer interacts with students through certification discussion activities to assess knowledge mastery and skill-based learning through hands-on demonstrations. In addition, the LSA provides consultancy for project skill activities and solution development to evaluate implementation competence. Students translate targeted knowledge into skill-based application design for solution implementation.

## Overview

**Obtain training for CPBA preparation and project-skill enablement!** Pega Accredited Trainers guide students through certification topics and project-based learning through LSA consultancy**.**

## Course Design

This introductory session covers 95 certification topics (CPBA, CPSA, CPSSA) and 13 critical skills to configure 15 essential rules for project-based implementation. First, a project use case script is reviewed, followed by lectures with skill-based activities that engage students to use the PED approach, run a DCO session, and create user stories and backlog for a proposed solution. Next, students are involved in lectures and skill-based activities to understand application configuration and core rule instances when creating a new application. Finally, students are guided through the consultancy of an LSA to create Case Types, implement a case life cycle, data model, customized user portals, and user access rules for security to build the initial iteration of the solution. After completing this course, students are prepared to sit for the CPBA exam.

## Business Design Solution Session Topics (4-Day)

- Understand Pega Express, Delivery Phases and Activities
- Understand Direct Capture Objective Activities
- Understand User Stories, Supporting Artifacts and Estimation Tools
- Understand Pega Platform Architecture
- Understand Pega Software Design Solutions
- Understand Pega Case Types
- Understand UI Components
- Understand Application Access

## Class Activities

- Lecture over all CPBA certification topics
- Learn 13 critical skills for application design
- Configure 15 essential rules for project-based implementation
- Review a project use case script for solution development
- Use the PED approach to identity application features
- Run a DCO session, create user stories and a backlog for a proposed solution
- Participate in daily hands-on application development skill-based activities
- Build a business design solution with the guidance of LSA consultancy to create a case life cycle, data model, user portals, and user access rules
- Presentation of the final solution to an audience of business industry experts

## Overview

**Obtain training for CPSA preparation and project-skill enablement!** Pega Accredited Trainers guide students through certification topics and project-based learning through LSA consultancy**.**

## Course Design

This session covers all CPSA certification topics, 15 advanced certification topics (CPSSA), and an additional 10 essential rules for project-based implementation. Students receive knowledge and opportunities to update the project case type and case life cycle to support advanced features such as keyed data pages, integrations, and web services with data validations. Additionally, students are engaged in lectures and skill-based activities to review, measure and debug system performance and events. Finally, an LSA reviews and guides the students' design decisions to ensure a proper solution. After completing this course, and the pre-requisite Business Design Solution course, students are prepared to sit for the CPSA exam.

## Technical Development Solution Session Topics (3-Day)

- Application Development Activities for Case Processing
- Data Design For Integration Management
- Data Exchange with Applications and Web services
- Data Validation Patterns and Keyed Data Pages
- Application Design for Queues and Job Schedulers
- Measure and Debug System Performance
- Review System and Performance Events

## Class Activities

- Lecture over all CPSA certification topics
- Learn 15 advanced certification topics (CPSSA)
- Learn 13 critical skills for technical design and development
- Configure 10 essential rules for project-based implementation solutions
- Update a project case type and case life cycle to support advanced features such as: keyed data pages, integrations, and web services with data validations
- Skill-based activities review, measure and debug system performance and events
- LSA reviews and guides the students' design decisions to ensure a proper solution

## Overview

**Obtain training for CPSSA preparation and project-skill enablement!** Pega Accredited Trainers guide students through certification topics and project-based learning through LSA consultancy**.**

## Course Design

This session covers 7 key advanced certification topics (CPSSA). It builds on the prior two iterations to configure advanced report features, security rules for tracking and auditing, and manage case attachments. Additionally, UI rules for Pega Mashups and mobility with various delivery options features are reviewed during LSA design session discussions for the final implementation of the project solution. After completing this course, and the pre-requisite Technical Development Solution course, students are prepared to sit for the CPSSA exam.

## Project Implementation Solution Session Topics (3-Day)

- Report Design for Multiple Sources and Associations
- Security for Tracking and Auditing
- Organizing and Managing Case Attachments
- Pega Web Mashup Creation and Configuration
- Mobile Application Design, Use and Delivery Options

## Class Activities

- Lecture over all CPSSA certification topics
- Configure advanced report features, security rules for tracking and auditing, and manage case attachments
- Update UI rules for Pega Mashups and mobility with various delivery options
- LSA design session discussions for the final implementation of the project solution