

AVEVA InTouch HMI Certified Exam Prep (CSI)

OEM: AVEVA • Duration: 3 Days (24 hrs) • Code: CSI-InTouch-HMI

COURSE MODULES & TOPICS

Module 1 — Introduction

- Course objectives and AVEVA products overview
- InTouch software benefits and key capabilities
- System requirements and licensing (InTouch 2017 v17.2)
- Application types

Module 2 — Window Layout and Basic Navigation

- WindowMaker overview
- WindowViewer runtime environment
- Navigation configuration and testing

Module 3 — InTouch Tagname Dictionary

- Tag types and dictionary management
- I/O configuration for data acquisition
- Tag Viewer for monitoring and importing
- DBDump and DBLoad utilities
- Cross Reference Utility and tag management

Module 4 — Situational Awareness Visualisation

- Industrial graphics and awareness library capabilities
- Element styles and application style library
- Custom symbol design in graphic editor
- Custom properties and animations
- HTML5 Widgets support (2020+)

Module 5 — InTouch Alarms

- Discrete and analog limit alarm configuration
- Live alarm management and acknowledgment models
- Historical alarm recording and retrieval

Module 6 — Data Logging and Trending

- Historical logging and real-time trending
- Historian integration and tag importing
- Trend Pen functionality

Module 7 — Introduction to QuickScript

- QuickScript types and editor overview

Module 8 — ArchestrA Symbol QuickScript .NET

- Script types and editor
- ShowGraphic() navigation methods
- Advanced symbol features

Module 9 — Security

- Operating system security implementation
- Application lockdown techniques

Module 10 — Application Distribution

- Network Application Development (NAD) configuration

Module 11 — Application Maintenance

- Industrial symbol management
- Window conversion for web compatibility
- Backup and restore procedures

Module 12 — Web Client

- Web Client features and dependencies