

AVEVA Edge Certified Exam Prep

OEM: AVEVA • Duration: 3 Days (24 hrs) • Code: CERT-Edge

COURSE MODULES & TOPICS

Module 1 — Introduction

- Course overview and objectives
- AVEVA Edge product overview

Module 2 — Installation and Licensing

- Component installation (Studio, SCADA, Embedded HMI, Compact HMI, IoT View)
- License configuration and management

Module 3 — Getting Started

- Studio GUI and customization
- Tags and the Project Database: project, shared, and system tags
- Application distribution via Remote Management

Module 4 — Communicating with External Devices

- Communication drivers and configuration
- OPC UA connections
- Tag integration with third-party devices
- Monitoring and troubleshooting tools

Module 5 — Native Screens and Native Graphics

- Screen creation and screen groups
- Shape objects and formatting
- Active objects (buttons, text boxes, etc.)
- Animations and symbol libraries
- Project localization

Module 6 — Overview of Scripting

- Client-side scripts (screen and graphics scripts)
- Background tasks (math, script, and scheduler worksheets)

Module 7 — Alarms and Events

- Alarm task configuration
- Event logging and display

Module 8 — Data Logging and Display

- Trend creation and display
- Grid Control objects

Module 9 — Recipes and Reports

- Recipe and report worksheet creation

Module 10 — Project Security

- Security modes and access levels
- Password protection

Module 11 — Remote Clients

- Mobile Access for HTML5 web interfaces

Module 12 — Using Databases

- Project database configuration
- SQL database connections

Module 13 — Integrating with Other AVEVA Software Products

- AVEVA Historian integration
- System Platform integration

Module 14 — Industrial Graphics

- Industrial Graphics Editor and symbol libraries
- Custom properties and animations
- QuickScript.net for Industrial Graphics