BLACKBIRD FOR TRAINING

ServiceNow Certified Application Developer (CAD)

1 – 5 March 2027
Barcelona (Spain)



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Ref: 3255535_199842 **Date:** 1 – 5 March 2027 **Location:** Barcelona (Spain) **Fees:** 5900 GBP

Introduction

The ServiceNow Certified Application Developer CAD course is an advanced, hands-on training program designed to prepare participants to develop custom applications on the ServiceNow platform and successfully pass the CAD certification exam. The course focuses on application design, scripting, data modeling, automation, integrations, and platform development best practices.

By combining strong theoretical foundations with intensive practical exercises, this course enables participants to design, build, test, and deploy scalable enterprise applications. Through real-world development scenarios and guided labs, participants gain the technical expertise required to extend ServiceNow beyond standard, out-of-the-box functionality.

Course Objectives

By the end of this course, participants will be able to:

- Understand the full application development lifecycle on the ServiceNow platform.
- Design and build custom applications using proven development best practices.
- Develop both server-side and client-side logic.
- Configure automation and business workflows.
- Build and manage system integrations using application interfaces.
- Prepare confidently for the ServiceNow Certified Application Developer CAD exam.

Course Outlines

Day 1: Application Development Fundamentals

- Overview of the ServiceNow platform for developers.
- Application scope, architecture, and design principles.
- Data modeling using tables and fields.
- Application files and update management.
- Introduction to development tools and environments.



Day 2: Server-Side Development and Business Logic

- Server-side scripting and business rules.
- Creating reusable code components.
- Working with system programming interfaces.
- Data validation and process logic.
- Performance considerations in backend development.

Day 3: Client-Side Development and User Experience

- Client-side scripting for form behavior and interactions.
- User interface policies and actions.
- Designing intuitive forms and user experiences.
- Client-to-server communication techniques.
- Debugging and troubleshooting client-side logic.

Day 4: Automation, Workflows, and Integrations

- Workflow design and automation concepts.
- Automating approvals and business processes.
- Notifications, events, and service level tracking.
- Integration fundamentals and external system connectivity.
- Securing and managing integrations.

Day 5: Application Security, Testing, and Exam Preparation

- Application security and access control.
- Testing, quality assurance, and issue resolution.
- Application deployment and version control.
- CAD exam structure, key topics, and sample questions.
- Review session and best practices for certification success.

Why Attend This Course: Wins & Losses!

Attending this course provides significant professional and technical advantages, including:

- Advanced skills in enterprise application development.
- Ability to design secure, scalable custom applications.
- Enhanced career opportunities through a globally recognized developer certification.
- Reduced development errors through structured design and testing practices.
- Effective preparation for the ServiceNow Certified Application Developer CAD exam.



Conclusion

The ServiceNow Certified Application Developer CAD course equips participants with the advanced technical skills required to design, develop, and deploy custom applications on the ServiceNow platform. Upon completion, participants will be fully prepared to pass the CAD certification exam and contribute effectively as application developers in complex enterprise environments, supporting innovation and digital transformation.

