

# DEVASC

## Developing Applications and Automating Workflows using Cisco Platforms

This course helps you prepare for Cisco® DevNet Associate certification and for associate-level network automation engineer roles. You will learn how to implement basic network applications using Cisco platforms as a base, and how to implement automation workflows across network, security, collaboration, and computing infrastructure. The course gives you hands-on experience solving real world problems using Cisco Application Programming Interfaces (APIs) and modern development tools.

### Course Contents

- Practicing Modern Software Development
- Describing Software Development Process
- Designing Software
- Introducing Network-Based APIs
- Consuming REST-Based APIs
- Employing Programmability on Cisco Platforms
- Introducing Cisco Platforms
- Describing IP Networks (ELT only)
- Relating Network and Applications
- Employing Model-Driven Programmability with YANG
- Deploying Applications
- Testing and Securing Applications
- Automating Infrastructure

**E-Book** You will receive the original course documentation from Cisco in English language as a Cisco E-Book. In the Cisco Digital Learning Version, the content of the courseware is integrated into the learning interface instead.

### Target Group

The job roles best suited to the material in this course are:

- Network automation engineer
- Software developer
- System integration programmer

### Prerequisites

There are no formal prerequisites for Cisco Certified DevNet Associate certification, but you should make sure to have a good understanding of the exam topics before taking the exam.

And before taking this course, you should have:

- Basic computer literacy
- Basic PC operating system navigation skills
- Basic Internet usage skills
- Hands-on experience with a programming language (specifically Python)

### Processing time

approx. 30 hours

### This Course in the Web



You can find the up-to-date information and options for ordering under the following link:

[www.expertech-training.com/go/CDVA](http://www.expertech-training.com/go/CDVA)

### Reservation

On our Website, you can reserve a course seat for 7 days free of charge and in a non-committal manner. This can also be done by phone under +49 6074/4868-0.

### Guaranteed Course Dates

To ensure reliable planning, we are continuously offering a wide range of guaranteed course dates.

### Your Tailor-Made Course!













We can precisely customize this course to your project and the corresponding requirements.

### Cisco Digital Learning

This course is available in the Cisco Digital Learning Library. These recently developed, multi-modal training events include HD videos moderated by lecturers with stored searchable text and subtitles, as well as exercises, labs, and explanatory text and graphics. We provide this offer to you via our myExpertech learning portal. Effective of the activation of the account, access to the courses will be granted for a duration of 6 months. In the case of packet solutions (Cisco Digital Learning Subscriptions), this time period will amount to 12 months.

| Cisco Digital Learning |  | Prices, excl. of V.A.T. |
|------------------------|--|-------------------------|
| 6 months activation    |  | € 800                   |

| Training   |   | Prices, excl. of V.A.T.  |
|--|---|--|
| <b>Classes in Germany</b>  | <b>5 Days</b>   | <b>€ 4,495</b>   |
| <b>Classes in Austria</b>  | <b>5 Days</b>   | <b>€ 4,495</b>   |
| <b>Online Training</b>   | <b>5 Days</b>   | <b>€ 4,495</b>   |
| <b>Date/course venue</b>   | <b>Course language German</b>  |  |
| 12/05-16/05/25  | Online  | 06/10-10/10/25  |
| 23/06-27/06/25  | München   | 06/10-10/10/25  |
| 23/06-27/06/25  | Online  | 03/11-07/11/25  |
| 28/07-01/08/25  | Frankfurt   | 03/11-07/11/25  |
| 28/07-01/08/25  | Online  | 15/12-19/12/25  |
| 01/09-05/09/25  | Düsseldorf  | 15/12-19/12/25  |
| 01/09-05/09/25  | Online  |  |

Status 04/25/2025



## Our Training Offer for You:



### Classroom Training

The live training experience in our training centers or on your premises on-site.



### Online Training

Attend your course in online mode – without travel and accommodation expenses and effort.



### Hybrid Training

Classroom & online in one course – choose how you wish to participate in your training event.



### In-house Training

We create your customized training concepts for your project.



### Guaranteed Course Dates

ExperTeach guaranteed course dates allow for secure and reliable planning.

## Awards Won by ExperTeach



**ExperTeach Benelux B.V.**

Ceresstraat 1 • 4811 CA Breda • Phone: +49 6074 4868-0 • Fax: +49 6074 4868-109 • [info@exper teach.de](mailto:info@exper teach.de) • [www.exper teach-training.com](http://www.exper teach-training.com)