



# Neotys Academy

Neotys Training Catalog

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## THE NEOTYS ACADEMY

The Neotys Academy provides you with many different training patterns. Those trainings allow everyone to acquire the necessary skills to efficiently use the NeoLoad solution. The Neotys team will be happy to help you making the best choice to be trained in the best possible conditions.

### Who Are the Trainers?

Either consultants from the Neotys Professional Services, or Neotys certified partners, the trainers put all their knowledge and know-how at your disposal so that you gain a complete and thorough grasp of the widest possible range of web environments. Their vast experience with NeoLoad in the field brings an added dimension to their input, an experience they share with the trainees through exercises based on real life cases.

### Audience

Those trainings are recommended for QA managers, testers and engineers.

### Material and Organization

- **Onsite trainings:** they are performed in client's offices. A personal computer for each attendee is required. The computers must be able to properly execute NeoLoad. 4 Go of RAM and a CPU at 2 GHz are advised. A video-projector and an internet connection are required.
- **Public trainings:** public trainings are scheduled and organized in public centers. The schedule is available on the [Neotys website](#). Each attendee is provided with a computer able to run NeoLoad.
- **Online trainings:** the online trainings of the Neotys Academy allow, at your own pace and with no logistic constraint, to be trained on NeoLoad. A computer with 4 Go RAM and a screen resolution of 1024x768 are recommended to have the best experience possible.

## THE TRAININGS

### The Onsite NeoLoad Training

#### General Information

The purpose of this course is to provide an in-depth understanding of NeoLoad and how to use it by employing best practice methodologies. Significant hands-on experience is incorporated into the curriculum to reinforce the classroom work. This course is comprised of both lectures and lab work/exercises.

#### Learning Objectives

After attending the **NeoLoad Training**, you will be able to:

- Identify the key points of a load-testing project and apply the best methodology to answer them.
- Record and design simple and complex virtual user profiles.
- Monitor an architecture.
- Define simple and complex load profiles.
- Analyze test results and create reports.

#### Audience

This training class is suitable for QA team-members and test engineers, software developers, and other staff members responsible for load/performance testing of web applications. A general knowledge of computers, Web, system and network technologies will make learning easier.

#### Duration

This training class lasts for 3 days

#### Availability

This training class is provided at the customer site or in training center

#### Materials

Each attendee is given an electronic training documentation. A complete recap of all the exercises is given at the end of the course.

## Course Outline

### DAY 1

- Introduction
  - The Training Objectives
  - Why Performance Matters
  - Our Answer at Neotys: Continuous Performance Validation
- Design
  - Recording a User Path
  - How to Make a Good Design

### DAY 2

- How to Make a Better Design
  - The Framework Parameters
  - The “Record Here”
  - The User Path Update
  - Tips About the Variable Extractor
  - The Page Advanced Settings
  - The Shared Transactions
- Building a Population
- Monitoring the Infrastructure

### DAY 3

- Runtime
  - Setting Up the Load-Test Scenario
  - Running the Test
- Results
  - Reading the Results
  - Starting the Analysis
  - How to Make a Better Analysis
    - The Comparison
    - The Filters
    - The Debug Mode
    - The Service Level Agreements
    - External Data

## The Onsite NeoLoad Training for SAP GUI

### General Information

The purpose of this course is to provide an overview of NeoLoad and how to use it for SAP applications. Significant hands-on experience is incorporated into the curriculum to reinforce the classroom work. This course is comprised of both lectures and lab work/exercises.

### Learning Objectives

After attending the NeoLoad Training for SAP, you will be able to:

- Understand the evolution and products of SAP.
- Pre-requisites for SAP GUI testing.
- Design & run your test.
- Analyze test results and create reports

### Audience

This training class is suitable for QA team-members and test engineers, software developers, and other staff members responsible for load/performance testing of SAP applications. A general knowledge of computers, SAP, Web, system and network technologies will make learning easier.

### Duration

This training class lasts for 3 hours.

### Availability

This training class is provided at the customer site or in training center.

### Materials

Each attendee is given an electronic training documentation. A complete recap of all the exercises is given at the end of the course.

### Course Outline

#### DAY 1

- Introduction to SAP
- Enable SAP Client and server for scripting
- Basic transaction codes on SAP
- Record and replay
- Add Check points
- Variables
- Scenario Design & Execution
- Generation of Test Results

## The Web-Based Training

### General Information

Learn how to use, or get more experienced, the Neotys products with the online trainings of the Neotys Academy. Follow the courses at your pace, with no logistic constraint. Neotys provides several innovative, efficient and engaging training formats to respond to all your remote learning challenges:

- Individualized learning paths
- Optimized Curriculum Planning
- Fits within tight budget constraints

The Neotys Academy is the perfect way to get started on NeoLoad. For more advanced users, it's a convenient way to explore more specialized, in-depth load testing topics.

### Audience

The web-based courses of the Neotys Academy are suitable for QA team-members and test engineers, software developers, and other staff members responsible for load/performance testing of web applications.

### Duration

Each course module lasts for about 5 to 20 minutes.

### Availability

As you navigate to [www.neotys.com](http://www.neotys.com) for download of tool you will receive an email to the given email id to activate and set your Neotys portal credentials. Using your Neotys portal credentials now you can login to [www.neotys.com](http://www.neotys.com) and select Neotys Academy, your access remains granted to all web based learning and Neotys Professional Certification. You can train yourself against all course modules and go through the Practice Session before your actual certification.



All the online courses can be seen from your Android or iOS mobile device (smartphone or tablet).

### Materials

The electronic courses remain available as long as the access to the platform is valid. Each module is made of theory, videos and exercises. For each module, the level of difficulty is mentioned to allow the learner to make progress.

### The Courses

Online courses of the Neotys Academy are interactive with questionnaires, videos and practical exercises. All learning paths bring you to the necessary level of expertise to become a competent and efficient NeoLoad user.

- Neotys Academy
  - NeoLoad Design
    - **“Correlate Dynamic Parameters”**: this course explains how to correlate and fix a load-test scenario.
  - NeoLoad Runtime

- **“Start a Load Test”**: this course explains how to design and define load profile, how to use Cloud LG and also to watch the real time information in NeoLoad Web.
- NeoLoad Results
  - **“Analyze the Test Results”**: this course is intended for people willing to take benefit of the NeoLoad advanced analysis capabilities.
- NeoLoad Web
  - **“NeoLoad Web”**: this course allows testing teams to view, analyze and monitor tests wherever they’re running from and wherever the teams are. Enabling real-time access to test information improves anomaly detection by allowing performance trending and simplifying root cause analysis. This Course covers the below topics:
    - NL Web: First Things To Do
    - NL Web Tour
    - How to Start a Load Test From NL Web
    - How to Add NL Web Users
    - How to Connect Controllers and LG’s
    - How to Setup an on Premise NL Web Platform
- NeoLoad For Advance Users
  - **“Integrate NeoLoad and Dynatrace”**: this course explains how to NeoLoad with Dynatrace.
    - **How To Integrate NeoLoad and Dynatrace -Part1**
    - **How To Integrate NeoLoad and Dynatrace -Part2**
  - **“Integrate NeoLoad in a DevOps Cycle”**: this course explains how NeoLoad acts as a platform built to enable DevOps Load Testing and collaboration across Dev, QA, and Ops.
  - **“Convert LoadRunner Scripts Into a NeoLoad Project”**: this course is intended for people migrating from Loadrunner to Neoload to convert existing Loadrunner scripts to Neoload scripts.
  - **“NeoLoad for SAP GUI”**: this course explains use of NeoLoad to Load test SAP GUI applications and to optimize your existing hardware resources (windows server) for running SAP GUI load test.
    - **Test SAP GUI Apps**
    - **Generate high load with Remote Desktop Services**
  - **“Design API - Redesign”**: this course explains how to create Neoload scripts using Selenium scripts and use of User path update feature.
  - **“Measuring the End User Experience”**: this course tells you how to retrieve end user experience as part of Neoload statistics.
  - **“Test Mobile Apps”**: this course demonstrates recording of mobile applications using NeoLoad.
- **NeoLoad Professional Certification**: this module has both Practice session as a mock exam for participants to prepare for the exam and also NeoLoad Professional Certification.



Some new courses are released every quarter. You are automatically notified by email when they are on the platform!



## THE CERTIFICATIONS

### The Expert Certification for NeoLoad

#### General Information

In addition to gaining an expert knowledge of NeoLoad, those who pass the Expert Certification for NeoLoad become “*Neotys Certified expert for NeoLoad X.x*”. The “*Neotys Certified expert for NeoLoad X.x*” status is an integral feature of the Neotys Partnership Program (contact [partner@neotys.com](mailto:partner@neotys.com) for further details).

#### Learning Objectives

At the end of this certification, and in case of success, you will be able to set complex load-test scenarios and analyze results.

#### Audience

The Expert Certification for NeoLoad usually concerns load testing consultants. However, the certification remains open to all. An in-depth knowledge of NeoLoad and of load testing is an absolute pre-requisite. It is strongly advised that the candidates complete the **NeoLoad Training** beforehand.

#### Duration

The Expert Certification for NeoLoad is held over one day.

#### Availability

This training class is provided at the customer site or in training center.

#### Program

The Expert Certification for NeoLoad module comprises:

##### Morning

- Practical exam (3 hours)
  - Design of load-test scenarios
  - Result analysis

##### Afternoon

- Theoretical exam (3 hours)
  - Multiple choice questions
  - Open questions

## The Professional Certification for NeoLoad

### General Information

In addition to gaining an expert knowledge of NeoLoad, those who pass the Professional Certification for NeoLoad become “**Neotys Certified Professional for NeoLoad X.x**”. The “*Neotys Certified Professional for NeoLoad X.x*” status is an integral feature of the Neotys Partnership Program.

### Learning Objectives

At the end of this certification, and in case of success, you will attest a strong theoretical and practical knowledge of the NeoLoad.

### Prerequisite

The Professional Certification for NeoLoad is **offered** to everyone who has a valid access to the [www.neotys.com](http://www.neotys.com) . It can be taken **thrice**.

### Audience

Such a certification usually concerns the Neotys customers and independent load testing consultants. However, it remains open to all. A deep knowledge of NeoLoad is a must to succeed. The **NeoLoad Training** course is strongly advised, or all **online courses** about NeoLoad.

### Duration

The Professional Certification for NeoLoad lasts for 2 hours.

### Availability

The Professional Certification for NeoLoad is accessible online from the Neotys Academy.

### Program

The Professional Certification for NeoLoad module comprises of 50 multiple choice questions. It must be answered within 2 hours. Minimum marks to succeed is 80% and there is no negative marking.