Uniface
Education
Directory
Training with Uniface

Welcome to the Uniface Education Digest.

This document provides details of what training is available, where to find information on schedules and how to register for attendance.

Uniface places the highest priority on education for both customers and staff. The courses listed here are direct from the product providers; the instructors are Uniface employees, working day to day with the software in which they instruct.

We aim to provide training that has been analysed and designed to meet the customer need. It has clear objectives in skills and knowledge transfer and sets identified and practical standards for the understanding and use of methods and products.

Training is being measured and validated to ensure that standards are maintained whilst we look for innovative methods for sharing information with our customers.

Uniface believe that by equipping delegates to quickly relate their learning to real world situations we can aid in satisfaction for the individual and success for our customers.

Dave Yexley
Uniface Training Manager

Contact us:

By e-mail at: uniface.training@uniface.com
By telephone: +44 (0) 1628 611147 or +44 7779881630
Or through your local Uniface office
About Uniface

Uniface is development environment for building, renewing and integrating the largest and most complex enterprise applications. Offering high developer productivity and leading-edge functionality, Uniface helps IT organizations reduce the cost of ownership for business-critical applications and increase the return on investment for the IT budget.

Supported by an experienced, and committed team, Uniface Training delivers advanced product knowledge together with good practice and practical advice on use with up to the minute technologies such as Service Oriented Architecture and Rich Internet Applications.

Beyond education, Uniface provide a full range of Professional Services to guide and assist through every facet of Uniface development and deployment.

For more information regarding Professional Services contact your local office, details of which can be found at: http://www.uniface.com, or your Account Manager.

Uniface provides both public and private training courses.

Private classes, held at the customer’s choice of location, provide an economical solution for companies with larger education requirements. Private classes allow instructors to tailor course content to meet your organisation’s specific needs.

Public classes are open to all and are held as frequently as there is customer demand. These classes are an economical solution for customers with a smaller number of individuals requiring education and training. Public classes are usually run at Uniface offices.

Training schedules, by country, are published at www.uniface.info and on Uniface University. If the course you require is in the digest but does not appear on the schedule it will be subject to a wait-list: That is a list held by Uniface Training until a sufficient number of customers are waiting. At that point the course is scheduled and those on the list contacted. Being put on a wait-list does not obligate you to attend and has no financial implication.

Tailored and Customised courses can be provided as private classes:

Tailored courses are those using the existing course materials but with a modified agenda to eliminate topics or place particular emphasis on a subject. This can be done at no extra cost in most cases.

Customising a course involves changing existing or developing new course material to meet a specific need. The extra cost of customisation is communicated in the project proposal.

uniface.training@uniface.com
Classroom, Online or Computer Based

Training can be delivered in a number of ways:

Our traditional classroom based courses held at Uniface offices (public courses) or customer site (private courses).

Online classes. Instructor led classes using technology provided by Cloudshare. This has the ability to provide complete installed and configured Uniface environments for each student in the cloud, where the only requirement is a supported browser, an internet connection, and a telephone or alternate VOIP. A pre-configured Uniface course environment is available and waiting once you enrol.

You can read about how this works and the capabilities of CloudShare in the "virtual environment" section at the Uniface University website.

Registration

To register, contact your local office, call +44(0)1628 611147 or e-mail uniface.training@uniface.com. Seats are guaranteed upon receipt of payment or purchase agreement.

Cancellation/Rescheduling Policy

Cancellations for public classes made less than five business days prior to the start date attract a 50% cancellation fee. Substitutions and reschedules may be made at any time. "No-shows" are required to pay the full cost of the booking.

Participants who cancel or reschedule private classes the day of or the business day before scheduled training will be charged 100% of the class cost and any expenses incurred by the trainer. Any other cancellation/rescheduling of private classes within 10 business days before the class start date is subject to a cancellation/rescheduling fee of 50% of the total class cost plus any expenses incurred by the trainer. Expenses include penalties which may be incurred for planned air travel or hotel cancellation fees.

Pricing

Pricing can be obtained from your local Uniface office or by enquiry to uniface.training@uniface.com
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Training Update:

What’s New in Uniface 9.6 – this training is now available:
Contact Uniface.training@uniface.com for details
# Uniface Foundation 9

**Duration:** 5 days

**Course Description:**

Foundation is the platform upon which developers acquire the skills and knowledge needed to build efficient, reliable and maintainable applications in Uniface.

The course aims to equip those new to Uniface with an understanding, not just the features of its use, but with elements of best practice to realise the benefits Uniface offers.

Training focuses on model driven development, and the creation of a modern, interactive GUI interface.

The concepts and practice described and demonstrated are reinforced by practical exercises. Students become familiar with the UNIFACE development environment and the many features of construction and assembly. The course also provides an introduction to deployment and touches upon Web development: In depth instruction in both these topics being available in further training described in this brochure.

**Audience:** Anyone intending to develop in Uniface.

**Prerequisites:** A background in any programming language and an understanding of relational database are most desirable

**What other people have said about this course:**

“There was a lot to learn in the space of just one week, however this was made possible through the helpfulness of the Trainer and his obvious understanding of the product”

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## Uniface Advanced Development Workshop

**Duration:** 5 days

**Course Description**
A natural follow-on from Foundation training, this workshop involves delegates in solving Uniface design and development problems; providing support with advice and examples but with a strong bias toward the practical. Whilst some topics are standalone instruction, most are used to contribute to a working prototype application.

Topics include:
- Practice in the building and management of the Application Model and component development
- Decisions regarding the timing, level and dynamic of business rules
- Development of an error handling strategy and its implementation
- Pre-compiler directives
- Options in data conversion
- Creative use of lists and widgets
- Set selection, complex reporting and service component practice
- Batch processing and memory management
- Complex recursive relationships
- Use of the Uniface Repository
- N-tier development and deployment
- Use of multiple language within Uniface, Global Actions, Updates and Command Line Options

**Audience**
Those wishing to improve and extend their knowledge of the Uniface development.

**Prerequisites**
Experience or attendance at the [Uniface Foundation Training](mailto:uniface.training@uniface.com)
### Component Based Development with Uniface

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<thead>
<tr>
<th><strong>Duration:</strong></th>
<th>2 Days</th>
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<tbody>
<tr>
<td><strong>Course Description:</strong></td>
<td>A practical and pragmatic introduction to modelling for a Uniface application. Based on experience, this workshop introduces the process to deliver a component-based application. By way of discussions and case study exercises, the workshop takes participants through the activities required in the Modelling stage of component-based development using simplified versions of UML-based (Unified Modelling Language) techniques to model the business in a fashion that will support the principles of abstraction and encapsulation. It then provides a workflow to construct and deploy the results.</td>
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<tr>
<td><strong>Audience:</strong></td>
<td>This workshop is aimed at those who are responsible for, or involved in, the design of component-based applications using UNIFACE. This includes project managers, model managers, software architects, designers and developers.</td>
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<tr>
<td><strong>Prerequisites:</strong></td>
<td>A background in application development, analysis or design, is most desirable. The Uniface elements of the course require an understanding of triggers and events.</td>
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# Uniface – What’s New in Version 9.1 – 9.5

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<th>2 days</th>
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| **Course Description:** | This workshop is designed to move experienced Uniface Eight developers to the Uniface 9 environment. The agenda includes:  
- Colour handling and new colour widgets  
- Rich Edit Box, Process box and other widget enhancements  
- Dynamic Form Management  
- Dynamic Menus  
- Model Diagram Editor  
- Easy Deployment  
- Proc and function updates and enhancements  
- Updates to the Uniface Development and Runtime Environments  
- New installation procedures  
- New Pre-compiler directives  
- Enhancement of Uniface email capability including HTML mail  
- New functionality in encoding and encryption  
- New functionality for National Language Support  
- Improved support through Code Signing  

This training does not include Rich Internet Application development. This significant feature of Uniface 9 is available as a separate training: Uniface Web Development 1 |
| **Audience:** | Uniface developers |
| **Prerequisites:** | Experience in earlier versions of Uniface |
Uniface 9 Environment Training

Duration: 2 days

Course Description: A practical introduction to Uniface development and deployment installation and configuration.

The course includes:
- Installing the Uniface Development environment
- Urouter and Uniface Application Server
- Permissions and rights
- Installing Uniface Deployment environment
- Path assignments to database
- Running sql scripts to install repository and application tables.
- Application Distribution
- Server setup
- Uniface Server Types
- Network paths and default assignments
- Web Request Dispatcher and Servlet configuration
- Router and Client Based configuration
- Assignment files
- Remote Assignment files
- Message handling
- Monitoring Urouter and Userver
- Load Balancing
- Debugging
- Testing deployment environment
- Importing updates and patches
- Signatures and the URR
- Troubleshooting
- Licence Management
- Easy Deployment

The course is Windows based and uses the Solid database.

Audience: Those involved in the development and deployment of Uniface applications.

Prerequisites:
- UNIFACE Foundation Training
<table>
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<tr>
<th><strong>Uniface 9 User Interface Modernisation Workshop</strong></th>
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<td><strong>Prerequisites</strong></td>
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Uniface – Web Development 1

Duration: 2 days

Course Description: The aim of this training is to equip developers with the skills necessary for producing Rich Internet Application with Uniface. The agenda includes

- Uniface Web Architecture Overview
- Dynamic Server Pages
- The DSP Component Editor
- The Layout Editor
- Compiling and Testing
- Web Server
- The Presentation/Logic Split
- Binding Entities and Fields
- Entity and Field Properties in DSPs
- DSP Widgets
- Component Properties
- Proc Code for Web Development
- Triggers in DSPs
- Trigger Sequence in Uniface Web Applications
- Dynamic Server Page – Predefined Operations
- Templates
- Hitlists, pagination and profiling
- State and Maintaining Context
- Uniface JavaScript API
- Client-Side processing

Audience: Developers with experience in Uniface 9 or attendance at Uniface 9 Foundation Training

Prerequisites: Experience in Uniface Nine

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