Application Development and Programming Training
"We understand that organisations across industries face increasing challenges when recruiting and fostering talent for developer skills - and that those skills are critical for organisations to innovate and transform their businesses within the technology trends of hybrid cloud, mobile enterprise applications, Web commerce and cybersecurity.

Our app dev portfolio has grown gradually during the past few years, but more and more customers are indicating a need for professional development solutions to address growing requirements for these skills.

We are able to offer our customers the broadest, most modern skills development capability for their growing developer teams.”

Michael Fox, SVP, 
Enterprise Solutions for Global Knowledge
Our Capabilities

Application Development and Programming Training

Our application development portfolio of courses and learning services provide individuals, teams and organisations with opportunities to develop or refine skills needed to master programming languages and to operate across platforms and methodologies.

The growing adoption of mobile and cloud operating systems, along with corporate initiatives aligned to BYOD, software-defined networking and big data analytics, are forcing greater breadth of application development capability from traditional IT staff, as well as enterprise architects.

Our curriculum covers a wide spectrum of topics and technologies. These courses are built by professional software developers for professional software developers. See page 4-7 for more details or visit www.globalknowledge.net/appdev

DevelopMentor is now part of Global Knowledge

Global Knowledge is pleased that DevelopMentor joined the Global Knowledge team. For 22 years, DevelopMentor has delivered the industry’s most in-depth hands-on developer training and they will continue that tradition on a larger scale as part of Global Knowledge through expanded offerings and services.

Global Knowledge is the world’s leading learning services and professional development solutions provider. Together, Global Knowledge and DevelopMentor are committed to the application development space, and we will provide our customers with expanded curriculum in both the classroom and online.

For more details on our learning delivery formats, see page 7 or visit www.globalknowledge.net/delivery

“The developer education market is an important growth area for our company, and this investment supports that objective. We’re very pleased to add DevelopMentor to the Global Knowledge team.

With this expansion, we will have a broader set of software and application development learning solutions to provide to our customers, as well as greater depth of expertise to help them carve a pathway for success and reach their goals with the highest-quality instruction and support.”

Richard Pryor Jones
EMEA President, Global Knowledge
Businesses today are looking to IT departments to justify their existence within the organisation and what IT will do to either increase revenue or decrease costs. The days of slow-moving, inefficient IT departments that can’t meet these goals are over. To help IT departments align their goals with those of the business, it is important they choose the right technology to develop strategic applications. You need a technology that will reduce development time and produce quality, reliable, and scalable applications. The .NET development platform is well suited to this task.

Before you can understand the real benefits of .NET, it is important to understand some of the different types of applications you can create with .NET. Below is a list of some of the types of applications that can be created using the .NET platform.

- Customer relationship management applications
- Accounting applications
- Product/inventory applications
- Warehousing applications using hand-held devices
- Web sites
- Value chain/supply management applications
- Integration with partners through the Internet
- XML Web services
- PDA (hand-held) applications

Guerrilla .NET provides a deep exploration of .NET design philosophy and practical advice. On our courses, you will learn a myriad of patterns and best practices and get hands-on experience developing applications using Visual Studio 2015 and Windows 10.

Learn to write code using .NET class libraries like Entity Framework 5/6, MVC 5 and The Reactive Framework.
Java and Python Training

Two decades is a big time for any programming language, and Java has gained strength every passing day. Though there have been times when Java development slows down, it has still responded well. As it’s Google’s choice of language for Android apps development, it keeps Java as the front line programming language.

You can develop core Java-based server side application, J2EE web and enterprise applications, and can even go for Android-based mobile application development. So if you are not coming from C and C++ background, and want to learn your first programming language, why not choose Java?

As for Python, it is an advanced scripting language that is being used successfully to glue together large software components. It spans multiple, middleware products and application domains. Python is an object-oriented language with high-level data structures, dynamic typing, and dynamic binding. Our courses are designed to give delegates the knowledge to develop and maintain Python scripts using the current version (V3) of Python. Our advanced course will also show you the true power of the language and the ecosystem. You will see that entire high-performance application stacks can be built in Python.

New Virtual Courses Now Available!

Our expert instructors are highly experienced in delivering successful, engaging, interactive online training courses, bringing their years of practical experience into every classroom and learning event. If a public training schedule course is not available, we will work with you to provide a Private Company Training alternative, at a Global Knowledge office or at your location.

- Mastering JEE Design Patterns (GK1191)
- Java Web Essentials for OO Developers (GK1055)
- Fast Track to RESTful Services in Java (GKO396)
- Mastering Java Web Services with Advanced Topics (GK4254)
- Core JEE Web Essentials (GK4273)
- Mastering Hibernate for Persistence in Java (GK1044)
- Mastering Test Driven Development, Using Junit (GK4216)
- Building JEE Web Applications (GK4236)
- Core Web Services for JEE Developers (GK4232)
- Java 8 Performance & Tuning (GK1969)
- Java 8 Programming & Object Oriented Essentials for Developers New to OO (GKO391)
- Core Groovy Fundamentals (GK4207)
- Working with Groovy & Grails (GK4208)
- Mastering SOA & JEE Web Services (GK4231)
- Implementing Agile Test Driven Development for Java Developers (GK4218)
- Securing Java/JEE Web Applications (GKI123)
- Fast Track to Spring 4.2 (GK3808)
- Mastering Spring 4.2 & the Enterprise (GK3805)
- Working with Ruby on Rails (GK3775)
- Mastering SOA & JEE Web Services (GK4231)
Website Development

The main role of a Web Developer is to develop a website which takes the specific needs of their employer or client into consideration. This will usually include a range of different activities, from planning and developing applications, to updating the site with the latest news and content.

C++

From Object-oriented (OO) concepts to new emerging standards in C++, this curriculum is for experienced developers. Topics include class design, efficiency, the STL, smart pointers, design patterns, policy-based design, exceptions, templates, memory management, use of C++ in embedded systems and much more.

Architecture and Patterns Training

Applications that span more than one machine require a deliberate and radically different design approach. Learn to build systems that are scalable, reliable and secure. Our courses range from object-oriented programming to enterprise patterns, networking to Web Services, caching to distributed databases, and client/database applications to very large-scale web sites.

Our courses will also teach you how to identify problems that occur repeatedly in your code, and solve those problems in a standardised way. You will learn about the design pattern concept; which is a programming solution or template that can be used in many different situations. You’ll also discover new tools for creating successful software.

Most Popular Courses

- Modern Web Development (GK2362)
- Essential ASP.NET 5 + MVC 6 (GK3368)
- Essential MEAN Stack Development (GK0782)
- Essential AngularJS (GK0788)
- Advanced AngularJS (GK2360)
- Essential RESTful Services with WebAPI (GK2363)
- Essential jQuery (GK2361)
- Code & Test Smarter with Design Patterns (GK2340)
- .NET Architecture and Design Principles (GK3344)
- Intensive C++ (GK0791)
Learning Delivery Formats

We offer a range of learning delivery formats to match your requirements, location and budget and happy to advise on how a series of courses can be combined and delivered over a period of time.

**Classroom - Public Training Schedule and Private Company Training**
Our expert instructors and hands-on labs provide results-oriented, classroom training. We offer public dates at a wide variety of locations. If a public scheduled course is not available, we will work with you to provide a Private Company Training alternative, at a Global Knowledge office or at your location.

**Alternative delivery formats**
We accept that skilled, motivated employees work more effectively, and thanks to the dawn of flexible and non classroom-based learning, there are more options than ever before. At Global Knowledge we offer a range of flexible delivery formats to help you choose when and how you want to learn.

**V&C Select™ (Virtual learning & Classroom learning)**
V&C is a simple and flexible award winning solution from Global Knowledge. You can select a course from our robust public schedule and attend the course in person or as a virtual delegate - the choice is yours!

**Virtual Classroom Live**
Anywhere, anytime, almost any technology or business training topic, taught by expert instructors, the Global Knowledge Virtual Classroom Live learning experience is unlike anything you’ve seen before.

**Class-Connect™ HD**
Our Class-Connect™ HD is live, hands-on interactive learning where you can attend a course from different training centres.

**Learning On-Demand**
We offer interactive self-paced e-learning that provides flexibility in terms of pace, place and time to suit individuals and organisations. These resources also consist of online books, educational podcasts and vodcasts, and video-based learning.

**Community Learning Portals**
Our Community Learning Portals provides access to a range of learning resources including forums and blogs to deliver learning programmes whilst creating communities of practice and communities of learners.

**Blended Learning**
Many organisations are seeking a blended approach to learning, one that provides flexibility and choice around instructor-led (classroom-based), e-learning or combinations that optimise your planned learning programme.