

## Newmarket International Certified Engineer (NICE) Course

Earning the title of Newmarket International Certified Engineer (NICE) will provide IT professionals with the skills and credentials to successfully support the technologies used in a Delphi® 9.5 environment. Members of the NICE community will be internationally recognized by industry peers and employers as the most capable individuals in their field, and will have access to members-only resources and benefits.

**Course Overview:** The NICE course provides you with the skills required to maintain, troubleshoot, and maximize the performance of your Delphi environment. From creating user logins to Delphi’s relationship with Microsoft® SQL Server™, you will have all the skills you need for optimum job performance.

The NICE course is targeted for those individuals who have MSCE certification or similar experience.

### Session Titles and Descriptions:

<b>Overview of Delphi</b>	A basic understanding of the tasks your users complete in the application is the first step. You’ll learn tips for navigating within the application, and how to add users with appropriate access levels.
<b>Newmarket Architecture</b>	What are the main components of a Delphi environment? The hardware, software, and communication requirements for each product are explored including application and terminal servers.
<b>I-Server Technology and Messaging</b>	I-Server is Newmarket’s application programming interface which allows external systems to transfer data into and out of the Delphi database. The various technologies used by I-Server and easy troubleshooting tips are covered.
<b>Securing Your Delphi Environment</b>	This session provides you with different strategies to protect your system from being compromised including server hardening, password complexity, VPN technology, and ways to implement security immediately.
<b>Performance Tuning</b>	Productivity of your users is extremely important, and that depends on their ability to efficiently complete tasks in Delphi. Learn how to size hardware, choose the correct software package, configure system settings, and resolve the most common bottlenecks.
<b>Active Directory® Strategies</b>	Understand the aspects of Microsoft® Windows Server® 2008 Active Directory® as they relate to Delphi. Topics include Management Tools, users and groups, group policy, best practices, and Delphi’s AD integration.
<b>SQL Server™ 2005</b>	A true client-server application, Delphi uses Microsoft® SQL Server™ 2005 Service Pack 2. In this session, you will review some key differences between Microsoft SQL Server 2000 and SQL Server 2005. Topics include SQL Server integration services vs. data transformation services, performance benchmarks from Newmarket Labs, security enhancements, and database mirroring.

**Session Titles and Descriptions (Continued):**

<b>Terminal Servers</b>	Terminal services allow multiple users to connect to and use processor resources from a centralized server in order to run applications. In multi-property environments, Delphi is typically accessed through terminal services. Delphi single-property environments can also benefit from this technology.
<b>Microsoft® Windows Vista®</b>	This session explores many of the new Vista features, security enhancements, and the steps required to configure your Delphi environment with Vista.
<b>Troubleshooting</b>	A large part of maintaining any environment is keeping it error free and always available to the users. This session will enhance your ability to troubleshoot Delphi and, in many cases, resolve issues yourself, decreasing downtime and increasing productivity.
<b>Delphi Maintenance Planning</b>	Would you ever consider installing an anti-virus package, and then never updating the virus definitions? Delphi is an enterprise-class management system and should be treated as such. There are many ways to ensure that Delphi runs efficiently. You will leave this session with a schedule of tasks that should be performed on a daily, weekly, monthly, and yearly basis to maximize the performance of your Delphi system.
<b>The Exam</b>	The student will access the exam online at their convenience following the course. One exam attempt is included in the price of the instructor-led-training program. Certification will be granted with a passing score of 80% or higher. If additional exam attempts are necessary, they will be purchased online for \$150 each.