

## **Final Touch**

### **(Bridging the gap between demands of IT Industry and the Formal Engineering Education)**

NASSCOM Survey says that 3 out of 4 engineers passing out every year are not suitable for a job in the IT sector due to their outdated/inadequate computer and software skills. At the same time there is a severe shortage of software professionals in the market, though Indian Universities and colleges churn out thousands of software engineers and programmers every year.

STG, an acknowledged leader in Advanced Software training, had a series of in house brain storming sessions and discussions with the software professionals to design a new and innovative software training curricula that can bridge the gap between what the IT industry needs and what the formal education offers. STG feels proud to present a bouquet of programs in the form of "**Final Touch**" that shall sharpen the IT skills, soft skills and competencies of fresh B.Techs/MCAs to meet the demands of fast changing IT industry.

**Final Touch** provides IT professionals and graduates the opportunity to gain both practical and hands-on experience and prepares them to address the challenges of present and next generation IT needs. The training is held using the latest technologies, tools and methodologies in vogue.

**Final Touch** students are awarded **STG Certified Software Professional** credentials with one of the specializations in .NET, Java EE, LAMP, Database, Networking etc. upon successful completion of the program. **STG Final Touch Program** also helps students prepare for various industry acclaimed IT certifications.

**Final Touch:** The differentiating factors

- Four-month power packed modular program.
- Prepares the students for a career in any one of the super specialized IT spaces like .NET, Java EE, LAMP, Database, Network.
- 1:1 man machine ratio all through the program to ensure effective learning.
- Case studies to simulate a real life scenario and reinforce the knowledge imparted.
- Live projects from industry make budding engineers productive from day one in their jobs.

### **Eligibility**

BE/B-Tech/BCA/MCA/M Sc who have successfully cleared FinalTouch Online Entrance Exam or have undergone FinalTouch Foundation program.

### **Quality Assured**

Our trainers are IT professionals who bring real world experience into the classroom. The training in various tracks is supported by Live Projects to simulate industry experience.

**Duration: 4 months**  
**FinalTouch IT Foundation**

## Overview

Final Touch IT Foundation program lays a strong foundation in Information Technology for wannabe next generation Software Professionals, preparing them for more advanced academic endeavors in an IT specialization of their choice. It includes a brief introduction to fundamentals of computer, C programming, Data structures and Object Oriented programming using C++. Followed by that is fundamental concepts of RDBMS, Operating system using oracle/SQL Server database and Linux respectively. An introduction to Data Communication and Networking concludes this fast track foundation program.

## Upon Completion

Though FinalTouch Foundation program is precursor to other FinalTouch IT specialization tracks it imparts enough implement able knowledge to let the students develop small applications using C++ and database of their choice. Needless to say, owing to its broad coverage of computer programming fundamentals and a rounded approach, whets the appetite of the students for more.

**Duration:** 120 Hours

## The FinalTouch IT Foundation Learning Path

<b>FND000 – 180 hrs. IT Foundation</b>
<b>Computer Fundamentals</b>
<b>Programming in C</b>
<b>OOP using C++ including Data Structure</b>
<b>RDBMS Fundamentals</b>
<b>Operating System fundamentals with Linux</b>
<b>Data Communication and Networking</b>

## FinalTouch .NET Specialist Track

### Overview

The .NET Framework is the infrastructure for the new Microsoft .NET Platform. The Microsoft .NET Framework is a software component that provides a large body of pre-coded solutions to common program requirements and manages the execution of programs written specifically for the framework. The pre-coded solutions that form the framework's class library cover a large range of programming needs in areas including: user interface, data access, database connectivity, cryptography, web application development, numeric algorithms, and network communications. The .NET Framework is a common environment for building, deploying and running Web

Services and Web Applications. The .NET Framework is language neutral. Currently it supports more than 40 .NET compliant languages. Microsoft .NET is a set of Microsoft software technologies for connecting information, people, systems, and devices. It enables software integration through the use of XML Web services: small, discrete, building-block applications that connect to each other—as well as to other larger applications—via the Internet.

STG understands these advantages that Microsoft .NET brings to business in the form of next Generation Business Integration and helps you encash that opportunity by helping you master skills required to develop such world class web and distributed application using .NET suite of technologies. This curriculum not only puts you on a fast track to success as a .NET developer but also prepares you for following coveted .NET certification exams:

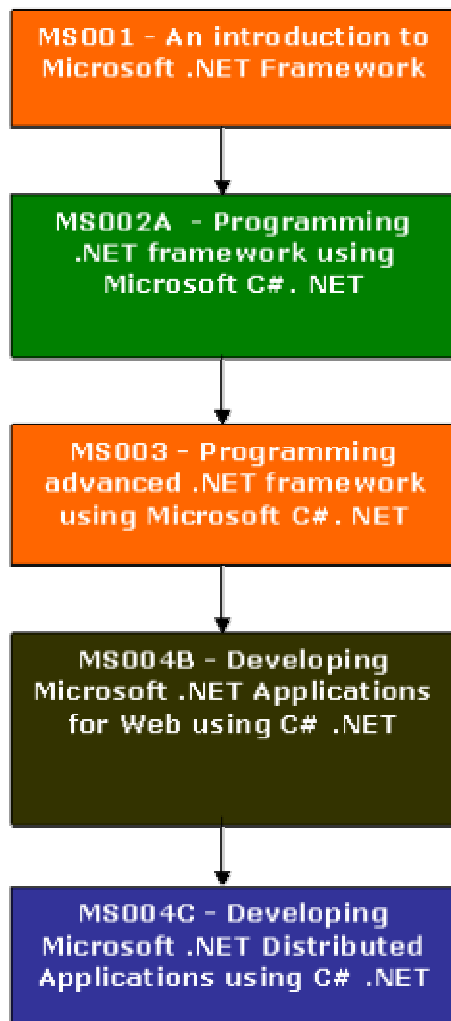
- **Technology Specialist: .NET Framework 2.0 Web Applications**
- **Technology Specialist: .NET Framework 2.0 Distributed Applications**

### **Upon Completion**

You learn C#, which was created to be the programming language best suited for writing enterprise applications for .NET. The students pick up skills to develop Microsoft ASP.NET 2.0 Web applications using Microsoft Visual Studio 2005. The course also provides students with the knowledge and skills that are required to develop XML Web services-based solutions including Web Services Enhancements (WSE) 3.0 to solve common problems in the distributed application domain and build enhanced Web Experiences with ASP.NET AJAX Extensions.

**Duration:** 180 Hours

### **The .NET Specialist Learning Path**



## **FinalTouch Database Specialist Track**

### **Overview**

The FinalTouch Database specialist track is for students and professionals seeking advanced knowledge in SQL Server 2005 and shall produce highly qualified database administrator to manage and implement SQL Server based solutions for business applications, electronic commerce, and data warehousing. You'll also learn about integration services, implementing security, and Microsoft's new Business Intelligence (BI) suite. This Specialist track enable students to pursue careers as database administrators, database developers or business intelligence developers.

What sets this program different from others is the vendor-neutral foundation that it lays before moving on to SQL Server 2005 centric lessons. It includes a comprehensive overview of RDBMS fundamentals, SQL and Data Modeling. You will be given an overview of Microsoft SQL Server 2005 Business Intelligence whence you shall learn how to extract, transform and load data with Integration Services, create and browse Analysis Services cubes and data mining models, build reports on Reporting Services using the Report Builder as well as the Report Designer against relational data as well as OLAP cubes.

FinalTouch database specialist program prepares you for the following valuable credentials along side to kick start an exciting career in the field of database and data warehousing:

- **Microsoft Certified Technology Specialist (MCTS)**
  - Technology Specialist: SQL Server 2005
  - Technology Specialist: SQL Server 2005 Business Intelligence
- **Microsoft Certified IT Professional (MCITP)**
  - IT Professional: Database Developer

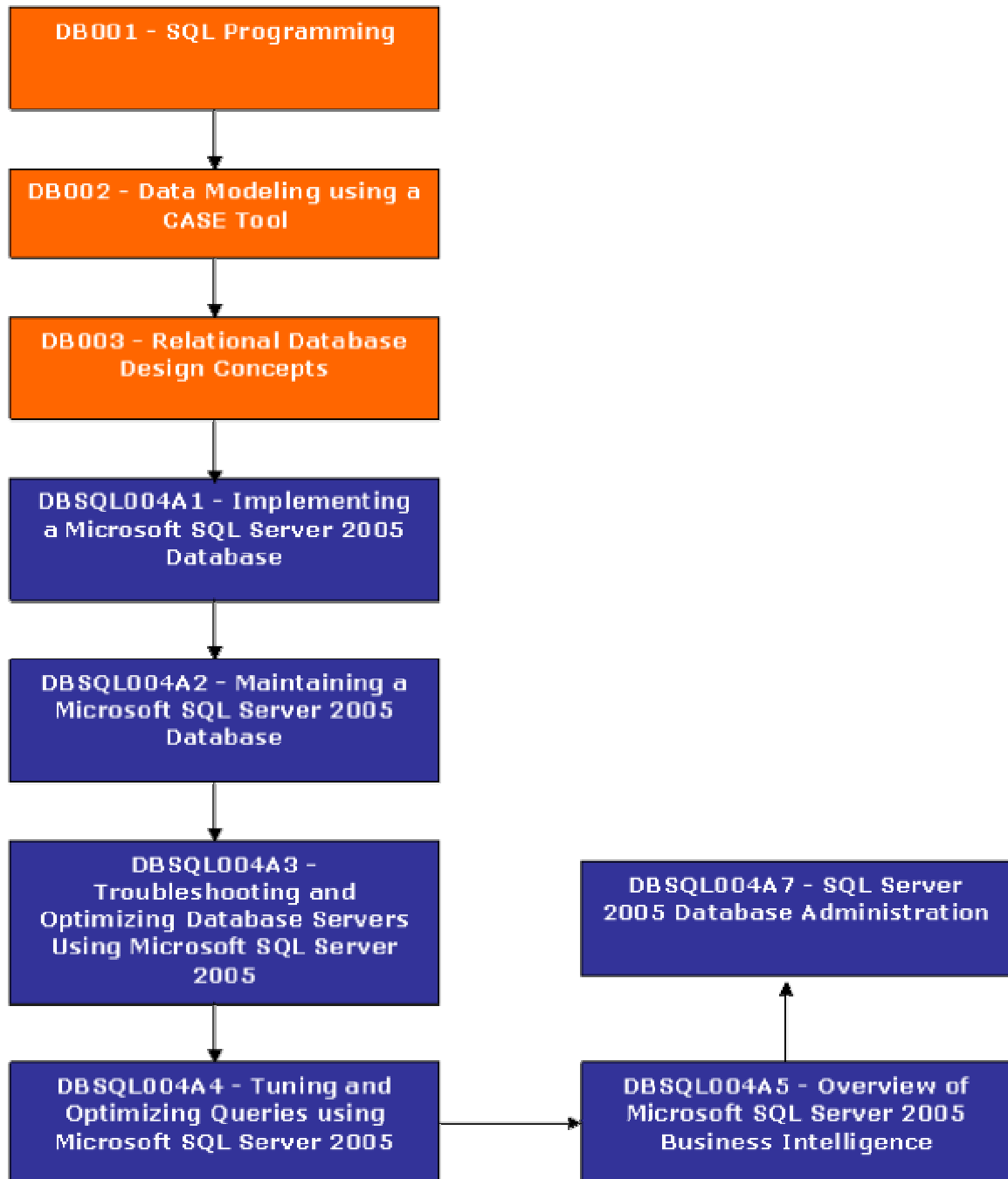
### **Upon Completion**

You shall gain skills to create physical database designs, develop logical data models, create physical databases, manage and maintain databases, manage database security, monitor and optimize databases, and install and configure SQL Server 2005. You shall get skills for implementing BI and Data warehousing solutions using the newly incorporated BI and DW features in SQL Server 2005.

By earning MCTS and MCITP credential, you shall have the skills necessary to lead organizations in the successful design, implementation, and administration of SQL Server databases.

**Duration:** 180 Hours

## The Database Specialist Learning Path



## **FinalTouch LAMP Specialist Track**

### **Overview**

Open Source is a growing movement that is gradually picking up steam across India. Linux, Apache, MySQL, PHP, Perl, and Python — collectively known as LAMP — comprise more than two-thirds of the servers, databases, and scripting languages on the web today. Besides the Linux operating system, LAMP as a stack is also catching on in India. The Open Source development stack is becoming popular among students and developers in general due to its easy availability and widespread community support.

FinalTouch LAMP specialist track reiterates the fact that Open Source has the power to trigger a change in the overall business strategy of an organization. The future is definitely bright for open source innovation from India and other emerging countries but there is real dearth of skilled professionals. This program addresses that urgent need of the nation and helps you build a highly paid career with LAMP suite of technology. It primarily focuses on skill set required to develop web-based application and teaches you two most popular scripting language viz. PERL and PHP besides Linux, Apache and MySQL.

This program also prepares you for following certification exams in the field of Open Source:

- **Red Hat Certified Technician (RHCT)**
- **Certified MySQL Associate (CMA)**
- **Zend PHP 5 Certification**

### **Upon Completion**

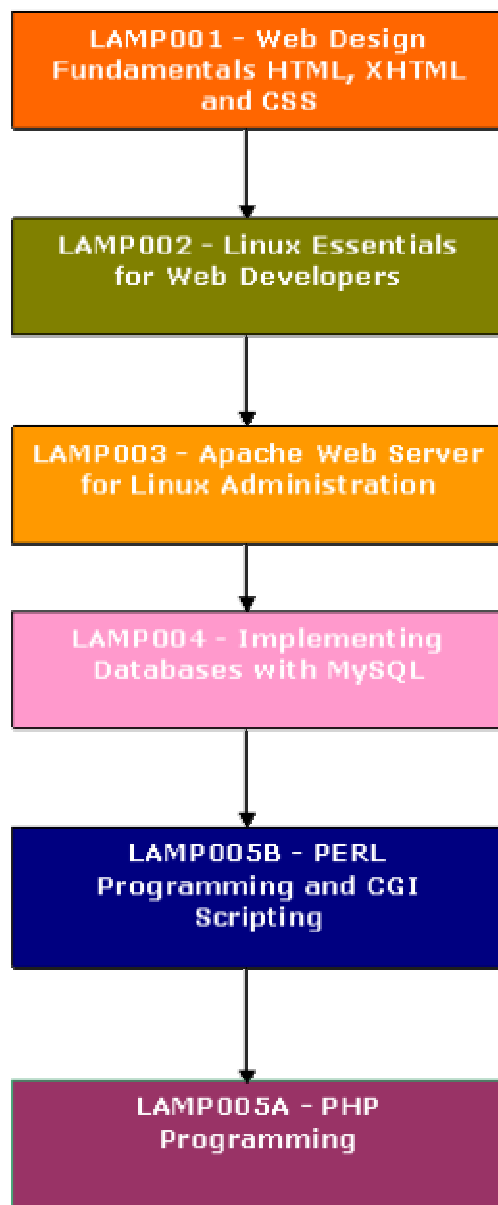
Upon completion of the course students would have learnt and practiced the essential skills required to develop programs for Linux systems. They shall have enough skills to develop dynamic web applications using the following tool set:

- Linux
- Apache web server
- MySQL database application
- PHP scripting language
- Perl programming language

**Duration:** 180 Hours

**The LAMP Specialist Learning Path**

**“WEB DEVELOPMENT USING (LINUX), APACHE, MY SQL, PERL & PHP”**



## **FinalTouch Network Specialist Track**

### **Overview**

Computer networking is one of the best and "hottest" career fields available today and a serious shortage of qualified network experts exists in the market. This training program will give the wannabe Network professionals a jumpstart in networking field.

STG presents an absolutely job oriented and certification based Network specialist program that shall lay a strong foundation in PC Hardware, Operating System and Networking followed by a comprehensive treatment of Design, Implementation and Administration of Network Infrastructure and Security with Windows 2003. The concluding module shall provide an introduction to deploying Cisco devices in an inter-networked environment through which you gain the fundamental knowledge and skills you need to install configure and troubleshoot Cisco routers.

The demand for skilled network professionals continues to grow, and FinalTouch Network Specialist program prepares you for the following valuable credentials along side to help start a highly paid networking career:

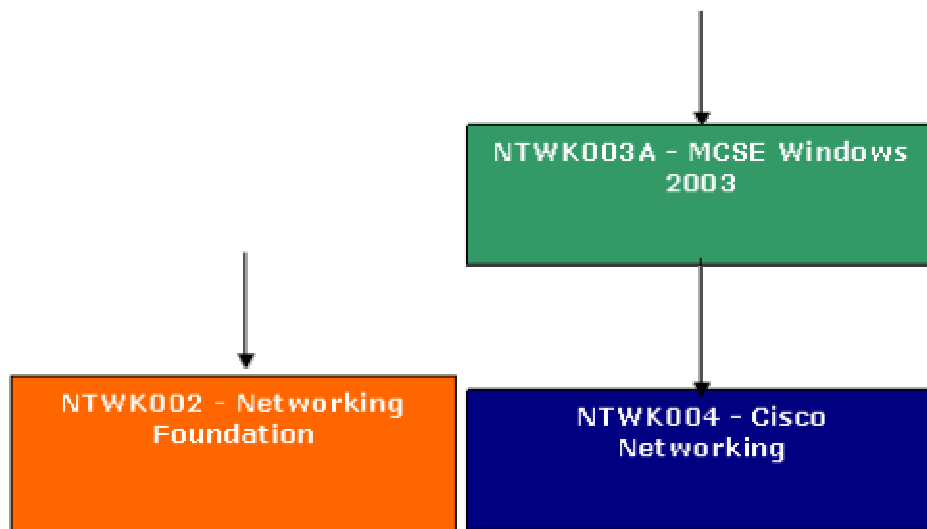
- **CompTIA A+**
- **CompTIA Network+**
- **Microsoft Certified System Engineer on Windows 2003**
- **Cisco Certifies Network Administrator**

### **Upon Completion**

You are assured to have gained enough skills to help you describe the features and functions of networking components and to install, configure and troubleshoot basic networking hardware, protocols and services of basic networking. The MCSE modules shall prepare you to analyze the business requirements, design and implement the infrastructure for business solutions based on the Microsoft Windows 2003 platform and Microsoft .NET Enterprise Servers. Finally the Cisco networking module shall round up the learning process by helping you learn installation and troubleshooting Cisco inter-networking components.

**Duration:** 216 Hours

### **The FinalTouch Network Specialist Learning Path**



## **FinalTouch JavaEE Specialist Track**

### **Overview**

Java Platform, Enterprise Edition (Java EE) is the industry standard for developing portable, robust, scalable and secure server-side Java applications. Building on the solid foundation of the Java Platform, Standard Edition (Java SE), Java EE provides web services, component model, management, and communications APIs that make it the industry standard for implementing enterprise-class service-oriented architecture (SOA) and next-generation web applications.

Keeping the futuristic needs of the industry in mind, STG brings you a unique specialist JavaEE track with focus trained on the latest Java Platform, Enterprise Edition 5 (Java EE 5). Java EE 5 makes coding simpler and more straightforward, yet retaining the richness of the J2EE 1.4 platform. It offers new and updated features such as Enterprise JavaBeans (EJB) Technology 3.0, JavaServer Faces (JSF) Technology, and the latest web services APIs that has established Java EE as the premier platform for web services and enterprise application development. Java EE 5 also supports rich thin-client technologies such as AJAX, technologies that are crucial for building applications for Web 2.0. FinalTouch assures you an edge in the competitive job market by arming you with one of the most coveted skill set that the employer's community is looking for.

This program also helps you prepare for following most-in-demand certification exams in Java sphere:

- **Sun Certified Java Associate (SCJA)**
- **Sun Certified Java Programmer (SCJP)**
- **Sun Certified Java Developer (SCJD)**
- **Sun Certified Web Component Developer (SCWCD)**
- **Sun Certified Business Component Developer (SCBCD)**
- **Sun Certified Developer for Java Web Services (SCDJWS)**

### **Upon Completion**

The students will be able to build and deploy enterprise applications that comply with Java Platform, Enterprise Edition 5 technology standards. It imparts basic knowledge of OO concepts, the Java programming language and general knowledge of Java platforms and technologies followed by skills to quickly build web applications from JSP page and servlet technologies using the Sun Java System Application Server and the Apache Struts framework. The enterprise components include EJB technology, the Java persistence API (JPA), servlets, JavaServer Pages (JSP) technology, web services, and the Java technology clients that use them. Students gain hands-on experience through labs exercises using the NetBeans Integrated Development Environment (IDE) that build an end-to-end distributed business application.

**Duration:** 186 Hours

## The JavaEE Specialist Learning Path

