

ETI Solution® Version 5, including ETI's patented Dialogue Coach™ technology

Education Services

Maximize your productivity with comprehensive training courses.

ETI provides skilled educators to train your staff both in the use of our software and the challenges you will face in different types of integration scenarios. Classes are structured to address real-world issues and include both lectures and hands-on labs. ETI's courses build a solid foundation of knowledge that can be put into action right away on priority projects, giving staff immediate control of the data integration process.

Several options are available for traditional classroom training, including public courses taught at several international locations and courses taught at your site delivered by experienced instructors.

ETI offers courses ranging from Challenges in Software Integration and basic instruction on the use of ETI Solution® software to highly technical classes on customizing and extending the ETI™ Data System Libraries (DSLs). ETI has a series of course paths designed to maximize the productivity of the different levels of ETI Solution users.

No matter how you choose to work with ETI, you can count on training that brings you and your company to maximum productivity—fast.

*"The balance between labs
and lectures was excellent.*

Big kudos...best I've seen."

Molly Ehlinger, The Boeing Company

Course overviews

Challenges in Software Integration

As IT organizations seek to provide their business users with real-time support, the efficient integration of their software assets – legacy and new – becomes one of the most important deliverables. Too often, companies are faced with a "digital divide" between the skills of the technical staff supporting legacy applications and the technical staff implementing new technology initiatives. This course provides an overview of the technical difficulties one can expect to encounter in different integration projects, whether it's consolidating legacy applications, Web-enabling applications or supporting a service-oriented architecture. In addition, students receive an overview of the tools and technologies available to aid in integration projects, with particular focus on how ETI Solution can be used both as a standalone platform and in conjunction with middleware and Web service solutions.

Audience: Project Managers, Business Analysts, Integration Specialists and Integration Architects

Prerequisites: None

Duration: One day

Additional information: This course teaches basic knowledge required of all users and is a prerequisite for further courses.

Developing Conversions

This course teaches users the basics of querying, cleansing, transforming, moving and loading data with ETI Solution. Students develop several conversions, i.e., several individual data movement and transformation projects. Topics include defining conversion projects, understanding data representations within ETI Solution, and generating and examining code.

Audience: Integration Specialists and Integration Architects

Prerequisites: Challenges in Software Integration (required)

Duration: Three days

Additional information: This course teaches basic knowledge required of all users and is a prerequisite for further courses.

Configuring Your Environment

This course teaches ETI's methodology to configure ETI Solution for a new project. Students fully configure and test a MetaStore™ database, the repository used to store ETI Solution metadata. Topics include defining a computing environment, relationships and debugging of MetaStore components, and automation of conversions.

Audience: Integration Architects

Prerequisites: Challenges In Software Integration (required), Developing Conversions (required)

Duration: Two days

Additional information: Students will configure a MetaStore repository and fully automate a simple conversion for a sample project.

Extending Data System Libraries: Templates

This course is required for technical users of ETI Solution who will analyze, design and develop extensions to the templates provided in ETI Data System Libraries (DSLs). Templates provide rules for generating programs that read, transform, move and load data as well as create plans, reports and scripts. Students learn about template language, structure and standards as well as how to develop and implement template extensions. Topics include DSL Architecture, template organization and language, organization and use of context variables, and extending template functionality.

Audience: Integration Architects

Prerequisites: Challenges in Software Integration (required), Developing Conversions (required), Configuring Your Environment (suggested)

Duration: Three days

Additional information: This class is necessary for customers who wish to extend the functionality provided by DSL templates.

Extending Data System Libraries: Grammars

This course is required for technical users of ETI Solution who will analyze, design and develop extensions to the grammars provided by the ETI DSLs. Grammars define the business rules used in the conversion work area. Grammars provide users developing ETI Solution conversions with an English-language graphical user interface for adding business rules to conversions. In the course, technical students learn how to create and modify grammars following ETI standards and best practices. Course objectives include creating new grammars, adding new functionality to an existing grammar, and validating user input that allows users to set properties.

Audience: Integration Architects

Prerequisites: Challenges in Software Integration, Developing Conversions, Configuring Your Environment, Extending DSLs: Templates (all required).

Duration: Two days

Additional information: This class is necessary for customers who wish to extend the functionality provided by DSL grammars.

"The labs were a great help.

*It made it so much easier
to understand."*

P. Galvez-Arango Irby, CableData

Quick Start

ETI's Quick Start course is designed for customers already using ETI products who are in the process of upgrading to ETI Solution Version 5. It is a one-day course that includes a product demonstration, presentations and labs covering the new features of Version 5, and a discussion of the key differentiators between ETI Solution Version 5 and previous ETI products. Attendees should already be familiar with ETI products.

Audience: Integration Specialists and Integration Architects

Prerequisites: Developing Conversions (required)

Duration: One day

Additional information: Students should already be familiar with ETI products.

Advanced Designing Conversions

This course provides advanced tips and techniques for designing and executing conversion specifications using ETI Solution. Although targeted for experienced Integration Specialists, the course will also benefit Integration Architects. The focus of the course is to provide a comprehensive understanding of conversion design, with the specific intent of exercising out-of-the-box functionality provided by DSLs. The following key topics are covered: MetaStore organization, loading dimension tables, virtual units, table lookups, merging, aggregation, SQL manipulation, minimizing cursors, complex hierarchies and case studies comparing usages of merges, table lookups and SQL joins. We have both executable labs and design/decision labs, which provide direct feedback regarding the functionality and benefits of ETI Solution DSLs. This course is unique in that it provides extensive hands-on, fully executable labs coupled with direct instructor interaction.

Audience: Experienced Integration Specialists and Integration Architects

Prerequisites: Developing Conversions (required); direct, hands-on ETI Solution experience with at least one project.

Duration: Three days

Training paths

ETI offers two standard training paths (Integration Specialist and Integration Architect) as well as alternate training options. Each level of training provides further depth of expertise and responsibility.

Integration Specialist

Integration Specialists are responsible for writing conversion specifications and generating conversions. They are the data-knowledgeable members of the team, possessing an understanding of the source and target applications and a high level of familiarity with the data. The course required for this path is Challenges in Software Integration, and Developing Conversions. Advanced Designing Conversions is also highly recommended for those Integration Specialists who have had direct, hands-on ETI Solution experience with at least one project.

Integration Architect

Integration Architects are responsible for defining the computing environment, designing extensions and business rules for DSLs, configuring Work Areas, and administering the software. The courses required for this path are as follows: Challenges in Software Integration, Developing Conversions, Configuring Your Environment, Extending DSLs: Templates, and Extending DSLs: Grammars.

Optional courses

ETI's optional courses: Advanced Designing Conversions and Quick Start fall outside of the core training paths. While not required, they should strongly be considered when their concepts will be

On-site Training

Training courses may also be taught on-site at your location by ETI instructors. To arrange for an on-site course, please contact the ETI office nearest you.

Contacting ETI

Online

Web site: www.eti.com/services

France

Immeuble Le Quintet Boulogne
Bât. D
79, Avenue Edouard Vaillant
92517 Boulogne Cedex, France

Phone: +33 (0)1 41 10 11 00
Fax: +33 (0)1 41 10 85 86

Email: formation@eti.com

North America

816 Congress Avenue,
Suite 1450
Austin, Texas 78701, USA

Phone: +1 800/856-0416 or
+1 512/383-3000
Fax: +1 512/383-3304

Email: registration@eti.com

United Kingdom

Denmark Court
18 Market Place
Wokingham
Berkshire RG40 1AL, UK

Phone: +44 (0)118 977 1221
Fax: +44 (0)118 977 9800

Email: registration@eti.com

involved in the completion of a project.

ETI Certification

ETI offers a certification class to its alliance partners and systems integrators. Certified Integration Architects take an additional five days of training and must pass a comprehensive exam. Contact the ETI Training Registrar for more information at registration@eti.com.

How to Register

ETI offers courses in France, the United Kingdom and the United States. Contact the location nearest you, or go online to http://www.eti.com/services/edu_serv.htm to register for a course.

Schedule of Courses

ETI's Web site also includes a current course schedule. Customers are requested to confirm this schedule with the registrar; ETI reserves the right to cancel classes five business days before the start of the class.

Paying for Courses

All students are asked to provide payment when registering for a course. If you require direct billing to your organization, you will be asked to provide a purchase order. If your organization does not provide purchase orders, the student can either pay in advance via credit card (Visa, Master Card, American Express) or bring either a company or personal check to class. Contact your local office for pricing information for courses.

Cancelling Reservations

We understand that circumstances may arise that require you to cancel your reservation. ETI must be notified of cancellations at least five business days prior to the first day of training. Cancellations received less than five business days prior to the first day of training shall be subject to a cancellation fee, payable upon receipt of invoice. Late cancellation fee is 50% of the listed price of the course. Written cancellations are required and will be confirmed in writing.

Additional Information

ETI's Web site contains important information for registrants including maps to training locations, lists of local hotels and details about ETI's training sites.