

Progress Education Services Learning Solutions

Make the Most of Your Progress® Technology with Progress Education Services

BENEFITS

- Purchase training in a Learning Solution package and receive a 15% discount off individual course prices
- Complete essential Progress training when and where you prefer
- Choose the type of training that best suits your style and budget: classroom training, self-paced training or computer-based training
- Curriculum is already mapped out into six different packages

LEARNING SOLUTIONS:

- V9 Advanced 4GL Programming
- Rearchitecting for Distributed Applications
- Moving to WebClient™
- Migrating from Character to GUI & ADM2
- Advanced DBA
- Moving to Progress Dynamics™

"Progress training has been a good investment for us. It's important for our developers to maintain their level of expertise, both for their own careers and for us as a company."

*James Furness
Group IT Director
John Sands Australia/American
Greetings*

As a Progress customer you have invested in the best technology for application development. Progress Software Education Services allows you to take full advantage of this technology, more effectively develop solutions and maximize the potential of your employees.

Progress Software Education Services provides the best training on Progress® products that money can buy. Training that not only delivers quality information in easy-to-understand formats, but that can accommodate your schedule and business environment... even your individual needs. Progress Education Services offer training solutions that support your business requirements with a variety of delivery options from traditional classroom training to paper-based, self-paced training, to computer-based training available on CD. You can choose the type of training that best suits your needs.

Learning Solutions to Match your Computing Style

To enhance our robust course selection, Progress now offers our curriculum in "packages" to match each customer's individual computing style. These packages are called Learning Solutions.

Each Learning Solution consists of multiple courses sold at a discounted price. Even better, you can mix and match a variety of delivery options to configure the Learning Solution that works best for you.

For example, the V9 Advanced 4GL Learning Solution consists of four courses, each being available as classroom training and self-paced training. You can configure your own V9 Advanced Learning Solution to be the combination of classroom and self-paced training that best meets your needs.

Progress now offers these six Learning Solutions:

- V9 Advanced 4GL Programming
- Rearchitecting for Distributed Applications
- Moving to WebClient™
- Migrating from Character to GUI & ADM2
- Advanced DBA
- Moving to Progress Dynamics™

V9 Advanced 4GL Programming

If you have been using the Progress 4GL to maintain and develop business applications, you have developed a good working knowledge of the fundamentals of 4GL programming. But now you may want your applications to be more flexible, faster, smaller, and more powerful. This Learning Solution will empower you to achieve that goal.

Whether you are a Character or a GUI programmer, you will learn to use powerful 4GL features to improve your code and applications. Use tools such as ETIME, XREF, and Profiler, and techniques used by top application developers to get the most out of your application and computing resources.

If you want to get the most from the Progress 4GL and development tools, enhance your productivity, and build world class next-generation applications, then V9 Advanced 4GL Programming is the Learning Solution you need to get you there fast.

What you will learn

After completing this Learning Solution, students will be able to:

- Create smaller, more flexible, and reusable application procedures using dynamic objects
- Enhance application power, code reusability, and flexibility by applying object-oriented techniques
- Improve application speed, reliability, and efficiency using analytical tools and recommended best practices

Refer to the back of this datasheet for the courses in this Learning Solution

Rearchitecting for Distributed Applications

Do you have a character or GUI application that has served well for years, but now your users are asking for more? Do they want more interoperability, remote access and scalability? Do they want to open up the system to third parties? Moving your application to a distributed architecture is key to giving your users what they need. This Learning Solution presents the knowledge, skills, and techniques you will need to restructure your host-based or client-server application to become fully n-tier distributable, ready to take advantage of Progress' OpenEdge™ integrated platform.

While all topics do not apply to all environments, this Learning Solution will show you how to take your application as far as it can go.

Refer to the back of this datasheet for the courses in this Learning Solution

What you will learn

After completing this Learning Solution, students will be able to:

- Evaluate your existing application and develop a strategy to convert it to an n-tier distributable architecture
- Separate user interface procedure code from business logic procedure code
- Enhance user interface and business logic procedures to exchange data, communicate, and manage transactions in a distributed environment
- Set up a distributed development environment using the Progress AppServer™
- Deploy and test distributed application procedures



Moving to WebClient

As a Progress Developer who has been successfully writing and deploying Progress applications for some time, you may want to take advantage of automated application deployment using Progress Intellistream™ and the Progress WebClient™.

The Moving to WebClient Learning Solution is intended for all application developers and deployment specialists (both character and graphical) responsible for creating, packaging and maintaining distributed 4GL applications using the WebClient and related technologies.

Refer to the back of this datasheet for the courses in this Learning Solution

What you will learn

After completing this Learning Solution, students will be able to:

- Understand the application architecture required for building distributed 4GL applications
- Develop GUI applications with the Progress AppBuilder that communicate with 4GL business logic via the Progress AppServer
- Architect flexible 4GL business applications for multiple deployment architectures
- Understand the various technologies required for a WebClient 4GL application, including the AppServer Internet Adapter, Java™ Servlet Engine and web server
- Create a WebClient application deployment package using the WebClient Application Assembler tool
- Deploy WebClient components (both executables and application code) to correct locations on a web server

Migrating from Character to GUI & ADM2

Do you want to develop graphical user interfaces, build reusable ADM2 components, or re-architect character applications to run in a graphical environment? Then this Learning Solution provides the key information you need.

This training is intended for Progress character developers who wish to build GUI applications. Developers should already be able to set up the Progress environment and write code to handle errors.

What you will learn

After completing this Learning Solution, students will be able to:

- Design and develop graphical applications using the AppBuilder tools
- Design and develop Progress SmartObjects™ applications using the AppBuilder and ADM2
- Apply recommended techniques for writing modular and re-usable code
- Integrate business logic into a graphical user interface
- Re-architect existing character-based applications for the graphical and ADM2 environments
- Develop real-world graphical user interfaces that can be used with separate business logic procedures to build business application.

Refer to the back of this datasheet for the courses in this Learning Solution

Advanced DBA

If you have taken the Progress Database Administration course and are confident in your role as a database administrator, now is the time to learn more about the Progress RDBMS. The training needed to help you expand your knowledge base is now available in this Learning Solution.

This training will enhance your DBA skill set by providing you with the tools and strategies to keep your database performing optimally during day-to-day operations. Enhance your troubleshooting skills so that you will be able to resolve database problems in a timely fashion; no longer waste time looking in the wrong places when trying to identify the cause of a problem.

Refer to the back of this datasheet for the courses in this Learning Solution

This training is intended for Progress database administrators and other Progress professionals that create and maintain Progress databases.

What you will learn

After completing this Learning Solution, students will be able to:

- Tune and monitor a Progress database and determine a plan of action for troubleshooting
- Independently analyze database performance and make changes based on the results
- Describe the structure of the Progress database architecture
- Understand internal block structures and block types
- Describe how Progress allocates database blocks
- Understand the layout of database indexes
- Understand how Progress allocates system semaphores and shared memory

Moving to Progress Dynamics™

Have you been using the Progress toolset and 4GL to maintain and develop business applications for your customers? Do you want to develop distributed applications that are flexible, fast, and easily maintainable? This Learning Solution will enable you to use Progress Dynamics to accomplish your goal.

Learn to use powerful Progress Dynamics features such as security, deployment, business logic procedures, and user interface customization to develop robust business applications. Use Progress Dynamic's tools such as object generation, page layout builder, toolbar and menu designer, combo and lookup builder, and TreeView builder to create user interfaces efficiently and reliably.

If you want to be ready to develop dynamic, reliable, and distributed business applications, then the Moving to Progress Dynamics Learning Solution is just what you need.

Refer to the back of this datasheet for the courses in this Learning Solution

What you will learn

After completing this Learning Solution, students will be able to:

- Improve application development reliability and efficiency using Progress Dynamics tools, prescribed development steps, and guidelines for building applications
- Improve distributed applications

through the customization of the business logic by means of Progress Dynamics tools

- Create more flexible and reusable application procedures using Progress Dynamics objects



Progress® Training Builds Product Experts

With proper training from Progress Software, students can learn to use Progress products at much greater levels of efficiency and productivity. To experience the full potential of our solu-

tions, customers must supplement learning through day-to-day usage with the appropriate Progress training.

Progress training is written in collaboration with the creators of the product and the consultants who work closely with our customers. Our instructors are

education specialists who have made software training their profession. No one can train better on Progress technology than Progress Education Services. And no one delivers a more solid return on your investment.

Learning Solutions and Course Titles	(Available Formats)	CLASS	SPT	CBT
V9 Advanced 4GL Programming	• 4GL Performance Tuning	■	■	
	• Simplifying Application Development with OO Techniques	■	■	
	• Dynamic Database Object Essentials		■	
	• Dynamic UI Object Essentials (future)			
Rearchitecting for Distributed Applications	• Building Distributable Applications	■	■	
	• DDAA	■	■	
	• Distributed SMO		■	
Moving to WebClient™	• DDAA	■	■	
	• Developing and Deploying WebClient Applications		■	
	• GUI Application Development (partial)	■		
Migrating from Character to GUI & ADM2	• 4GL Essentials, Part 3			■
	• GUI Application Development	■		
	• Building SmartObjects™ Applications	■		■
Advanced DBA	• DB Performance Tuning	■	■	
	• DB Internals for Troubleshooting		■	
Moving to Progress Dynamics™	• Progress Dynamics Prep	■	■	
	• Progress Dynamics Application Development	■		

Key: CLASS = classroom training, SPT = self-paced training, CBT = computer-based training.

Training that Suits Your Needs

Progress Education Services offers classes in a variety of formats to best suit students' individual needs.

Classroom Training:

- Learn while interacting with Progress education and technology experts
- Benefit from shared learning and exchanges among your peers in the classroom
- Complete training uninterrupted, away from office distractions

Computer-Based Training (CBT):

- If you are unable to travel due to time or budget restrictions, complete training at home, in your office or anywhere you have a computer
- Determine your own pace and schedule for training
- Complete exercises in your live Progress environment with hints and solutions
- Review materials or retrain yourself at any time

Self-Paced Training:

- Be your own instructor using paper-based materials

- Complete training wherever and whenever you decide
- Determine your own pace and schedule for training
- Review materials or retrain yourself at any time

Experience the Power of Progress® Education Services

For more information, contact your local Progress Software Training Center or visit <http://www.progress.com/education>.

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