

## Who We Are

Headquartered in Melbourne on Florida's Space Coast, Intech develops PC-based solutions using state-of-the-art technologies including National Instruments™ LabVIEW™, LabWindows™/CVI, TestStand™, Microsoft Windows®, ASP.net™, VB.net™, Visual Basic® and Visual C#®. A typical solution includes a computer, data acquisition hardware, system documentation, and a software application which provides acquisition, analysis, control, graphical user interface, report generation, and data logging.

Intech provides full cycle project support from requirements definition and system specification through system design and integration to system test and verification.



Intech has been a member of the National Instruments Alliance Program since 1995. Intech maintains a systems integrator relationship with National Instruments in order to provide our customers with high quality products, services and engineering expertise to meet their needs.

LabVIEW™ is a trademark of National Instruments Corporation™  
Microsoft® ASP.net™, VB.net™ and C# are registered trademarks of Microsoft® Corporation.  
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Certified  
ISO 9001:2008  
AS9100:2009



ITAR  
Registered

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# Intech, Inc.

*Solutions That Last.  
Relationships That Last.*

## 2015 Course Schedule



## National Instruments™ Training and Certification



Headquartered in Melbourne on Florida's Space Coast, Intech, Inc. develops PC-based solutions using state-of-the-art technologies.



## Intech's Certified Training Center

Intech maintains an in-house National Instruments™ Certified Training Center dedicated to teaching LabVIEW™ and other NI courses. With hands-on exercises and personal attention from our certified professional instructors, our training courses are the fastest way to learn to use these NI tools. We can provide customized training to fit your specific project requirements.



National Instruments™ certification exams are also available at Intech and are scheduled as needed.

For additional information about National Instruments™ courses offered at Intech, please call us at 321-951-2326 or send an email to [training@go-intech.com](mailto:training@go-intech.com) with any questions you may have.

To register for a course, please contact National Instruments™ directly at 1-800-433-3488.



Intech's Certified National Instruments Training  
Center located in Melbourne, Florida

# 2015 Training Schedule\*

## ► LabVIEW Core 1

LabVIEW Core 1 helps you explore the LabVIEW environment, dataflow programming, and common LabVIEW architectures in a hands-on format. Learn to develop data acquisition, instrument control, data-logging, and measurement analysis applications.

*Feb 9-11, Apr 27-29, Jun 15-17, Sep 14-16, Dec 7-9*

## ► LabVIEW Core 2

Learn how to design stand-alone applications with the LabVIEW graphical development environment. An extension of the LabVIEW Core 1, Core 2 introduces you to techniques for successfully implementing and distributing LabVIEW applications for research, engineering, and testing environments.

*Feb 12-13, Apr 30-May 1, Jun 18-19, Sep 17-18, Dec 10-11*

## ► LabVIEW Core 3

LabVIEW Core 3 increases proficiency by exposing you to best practices for designing, developing and deploying LabVIEW applications. Learn how to analyze your application requirements, choose the correct design pattern for your application, test and deploy your design to reduce development time and improve application performance and scalability.

*Jan 26-28, Mar 9-11, May 18-20, Jul 27-29, Oct 12-14*

## ► LabVIEW Connectivity

Build on the information you learned in LabVIEW Core 3 course. Identify the components of integrated systems and implement networking technologies for your applications. Also extend your application functionality and reduce development time by using technologies such as DLLs, ActiveX, and the Internet to take advantage of capabilities of other applications.

*Jan 29-30, Mar 12-13, May 21-22, Jul 30-31, Oct 15-16*

## ► RF Measurement Fundamentals

This course covers a range of topics from overall RF device architecture to mathematics basics such as fast Fourier transforms to modulation, RF measurements, and RF test considerations. This course is appropriate for beginning students or more advanced engineers who need a refresher course.

*Scheduled as needed.*

## ► RF Application Development

This course focuses on how to use PXI-based RF hardware and software from National Instruments. Topics will span from GPS, WLAN, MIMO, and cellular test to custom modulation formats and recommended programming practices for RF test. Students work with real-world analog and digital transceivers/receivers in hands-on exercises to reinforce the lessons for the NI PXI RF hardware and software.

*Scheduled as needed.*

## ► Advanced Architectures in LabVIEW

This advanced course discusses how to design and implement scalable, extensible software architectures for large LabVIEW applications. Participate in discussions and work independently and collaboratively to learn how to architect an application and design components to support the architecture. Learn about several advanced design patterns, reference architectures, interprocess communication methods, and more.

*Jun 22-24*

## ► LabVIEW Performance

This hands-on course helps you identify and improve performance issues with your NI LabVIEW code. Also learn how to design your code to avoid common performance pitfalls. During the course, choose the appropriate tools to measure application performance. After identifying performance issues, learn to modify code to improve memory usage and/or speed.

*Feb 18-19*

## ► LabVIEW Data Acquisition and Signal Conditioning

Using NI LabVIEW software, plug-in data acquisition devices, and NI Compact DAQ hardware, explore the fundamentals of PC-based data acquisition and signal conditioning. During this course, you gain hands-on experience installing and configuring data acquisition hardware and learn to use data acquisition software functions to build your application. You will also learn about analog input, analog triggering, signal conditioning, signal processing, analog output, digital I/O, and counters.

*Feb 16-17, Nov 2-3*

## ► LabVIEW FPGA

LabVIEW FPGA course prepares you to design, debug, and implement efficient, optimized applications using the LabVIEW FPGA Module and reconfigurable I/O (RIO) hardware. You learn how to compile and deploy your VIs to different types of NI targets, such as NI R Series multifunction RIO, CompactRIO, Single-Board RIO, and NI RIO instruments. You develop applications where you learn to acquire digital and analog I/O, control loop timing, synchronize operations, implement signal processing, and pass data between your host VI and your FPGA target.

*Mar 25-27, Sep 23-25*

## ► Managing Software Engineering in LabVIEW

Learn to cultivate the skills you need to effectively manage and deliver large NI LabVIEW applications in single- or multi-developer environments. Also obtain common practices for managing large, team-oriented projects from specification to deployment. By incorporating these application development practices, you can improve development processes and optimize applications and resources to effectively reduce development time and costs.

*Jun 25-26*

## ► LabVIEW Real-Time 1

The LabVIEW Real-Time 1 course delivers hands-on training for prototyping deterministic measurement and control systems. At the end of the course, you will be able to design, develop, and prototype a real-time application that handles communication between the RT target and a host computer using NI recommended methods and LabVIEW Real-Time.

*Mar 23-24, Sep 21-22*

## ► Exam Dates

*Scheduled as needed.*

\* Course dates are subject to change. Please visit our website at [www.go-intech.com](http://www.go-intech.com) for the latest schedule.