



PhoenixTS

301-258-8200 | Sales@PhoenixTS.com | www.PhoenixTS.com

[View Full Course Details including Latest Schedule Online](#)

PHOENIX TS IDA Pro

Course Overview

Price: \$2500

Course Includes:

- High quality hands-on training using role-plays and case-studies
- Full breakfast with variety of bagels, fruits, yogurt, doughnuts and juice
- Tea, coffee and soda available throughout the day
- Freshly baked cookies at participating locations

Schedule

Course Outline

Module 1: Introduction to Disassembly

- Disassembly Theory
- The What of Disassembly
- The Why of Disassembly
- The How of Disassembly

Module 2: Reversing and Disassembly Tools

- Classification Tools
- Tools



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- Deep Inspection Tools

Module 3 IDA Pro Background

- Hex-Rays' Stance on Piracy
- Obtaining IDA Pro
- IDA Support Resources
- Your IDA Installation
- Thoughts on IDA's User Interface

Module 4 Getting Started with IDA

- Launching IDA
- IDA Database Files
- Introduction to the IDA Desktop
- Desktop Behavior During Initial Analysis
- IDA Desktop Tips and Tricks
- Reporting Bugs

Module 5 IDA Data Displays

- The Principal IDA Displays
- Secondary IDA Displays
- Tertiary IDA Displays



Module 6 Disassembly Navigation

- Basic IDA Navigation
- Stack Frames
- Searching the Database

Module 7 Disassembly Manipulation

- Names and Naming
- Commenting in IDA
- Basic Code Transformations
- Basic Data Transformations

Module 8 Datatypes and Data Structures

- Recognizing Data Structure Use
- Creating IDA Structures
- Using Structure Templates
- Importing New Structures
- Using Standard Structures
- IDA TIL Files
- C++ Reversing Primer

Module 9 Cross-References and Graphing

- Cross-References
- IDA Graphing

Module 10 The Many Faces of IDA



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- Console Mode IDA
- Using IDA's Batch Mode
- Advanced IDA Usage

Module 11 Customizing IDA

- Configuration Files
- Additional IDA Configuration Options

Module 12 Library Recognition Using FLIRT Signatures

- Fast Library Identification and Recognition Technology
- Applying FLIRT Signatures
- Creating FLIRT Signature Files

Module 13 Extending IDA's Knowledge

- Augmenting Function Information
- Augmenting Predefined Comments with loadint

Module 14 Patching Binaries and Other IDA Limitations

- The Infamous Patch Program Menu
- IDA Output Files and Patch Generation
- Extending IDA's Capabilities

Module 15 IDA Scripting

- Basic Script Execution
- The IDC Language
- Associating IDC Scripts with Hotkeys
- Useful IDC Functions
- IDC Scripting Examples



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• IDAPython

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Starting at \$2,500

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Government Employees & Government Contractors call 240.667.7757 for GSA Pricing.



Price Match Guarantee

We'll match any competitor's price quote. Call us at 240-667-7757.

Included in this **IDA Pro**

- 3 days instructor-led training



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- IDA Pro training book
- Notepad, pen and highlighter
- Variety of bagels, fruits, doughnuts and cereal available at the start of class*
- Tea, coffee and soda available throughout the day*
- Freshly baked cookies every afternoon*