View Full Course Details including Latest Schedule Online

IDA Pro

BONUS! Cyber Phoenix Subscription Included: All Phoenix TS students receive complimentary ninety (90) day access to the Cyber Phoenix learning platform, which hosts hundreds of expert asynchronous training courses in Cybersecurity, IT, Soft Skills, and Management and more!

Course Overview

Price: $2500ï»¿

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 avaiable throughout the day
- Freshly baked cookies at participating locations

Schedule

Currently, there are no public classes scheduled. Please contact a Phoenix TS Training Consultant to discuss hosting a private class at 301-258-8200.

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
- 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

- 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
- IDAPython

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Starting at **$2,500**

ATTENTION
For GSA pricing or Contractor quotes call
301-258-8200 – Option 2.

GSA

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
- 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*