

*** Class 114****Title: WPF GUI Design Fundamentals**

Prerequisites: Class 102, Class 103, Class 104
Language: C# - WPF
User Level: Beginner

Class 114 is designed for beginners who have mastered the basics of C# and Visual Studio. In this class you will learn how to build WPF application from scratch and will be introduced to main concepts of WPF Window, XAML syntax and principles of declarative control definition.

Contents**WPF GUI Design Methodology**

WPF vs. WinForms

Creating a WPF Application

WPF Application Template

WPF Application File

WPF Project Inventory

Creating a New WPF Project

Window XAML File

Window Code Behind File

XAML Syntax

XAML Markup Syntax

WPF Window

Using WPF Window Tags

WPF Control Declaration

Control Definition in XAML
WPF Control Content Property
Embedding Controls

WPF Control Content

WPF XAML Coding Practice 14-0
WPF XAML Coding Practice 14-1
WPF XAML Coding Practice 14-2

Homework Lab 114: Desktop Organizer

Create a New Project
Design a User Interface
Add Controls
Write Code
Test the Application
Extra Credit Tasks