ASP.NET Fundamentals

Course Introduction

SoftUni Team

Technical Trainers

Software University
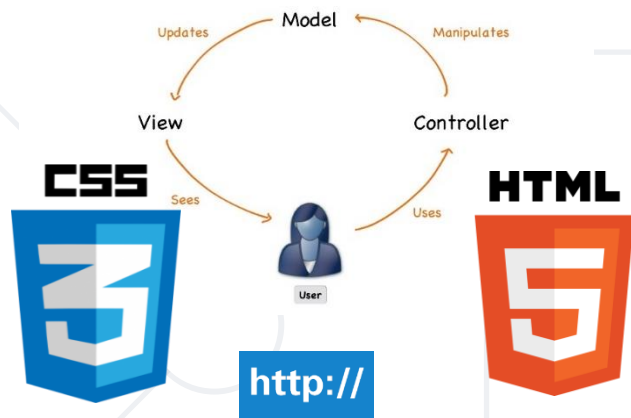
ASP.NET MVC

SoftUni

Software University

https://softuni.bg

sli.do

#csharp-web

SoftUni Diamond Partners

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Course Objectives

ASP.NET Fundamentals

- Web Fundamentals
- **HTTP** Protocol
- Asynchronous Processing
- **ASP.NET** Fundamentals
- ASP.NET and **Databases**
- Cookies and Sessions
- ASP.NET **Identity**

ASP.NET Advanced

- **ASP.NET Core** in Depth
- **Razor** View Engine
- **Security** and **Identity**
- Project **Architecture**
- **Unit Testing**
- Control Flow
- **Deployment** and **Continuous Integration**

Practical Programming Exam

- 1 practical problem for **4** hours
  - Implementing a **simple web application**
  - Solutions are evaluated **by hand** after the exam

Theoretical Exam

- You will have **30 minutes** once you enter
  - Multiple-choice with **1** correct answer
  - English
- Automated quiz system
- Available during the **practical** exam and **30 minutes after it**
  - You can submit your answers only **one time**
  - Advice: Start it when you **finish** the **practical exam**
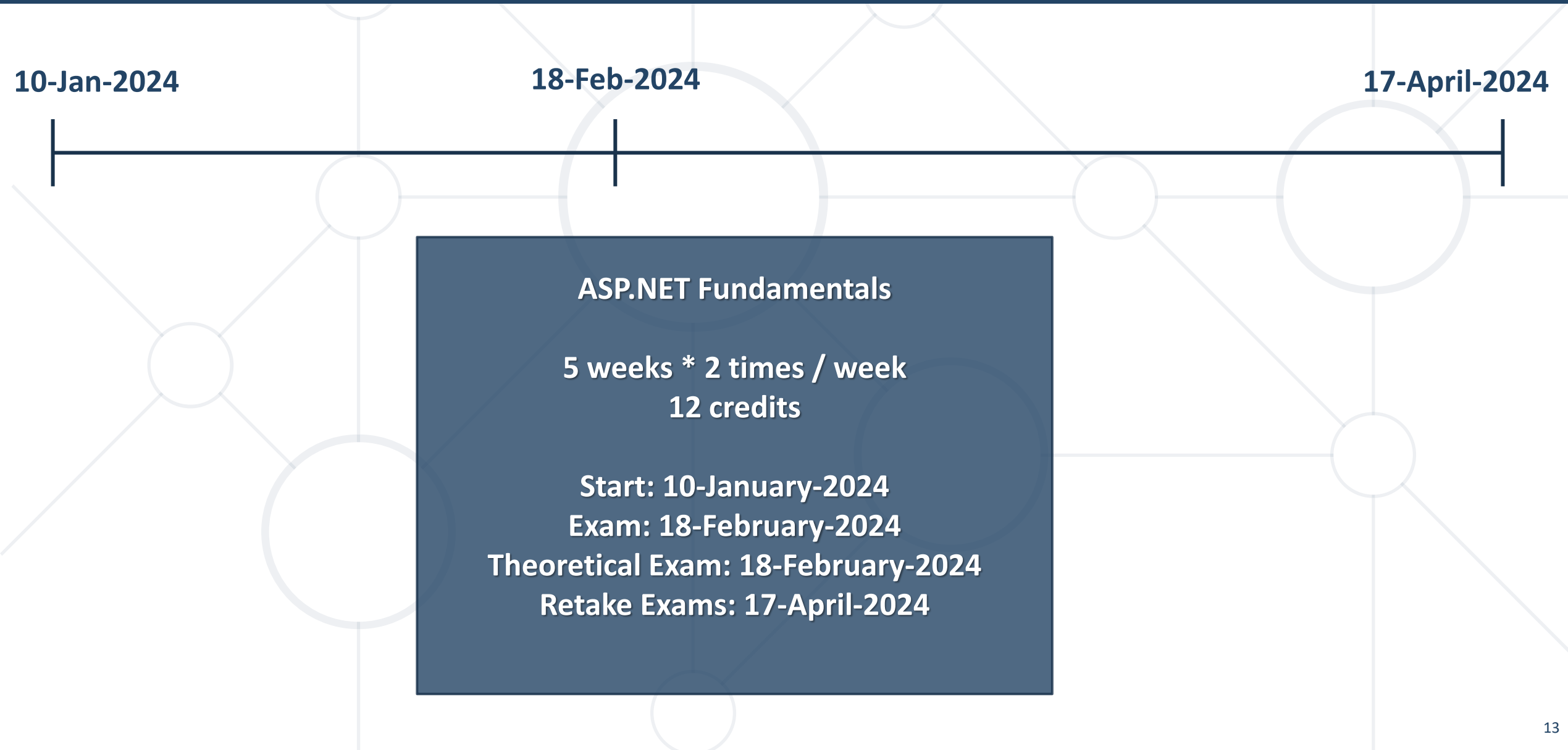
Trainers

Stamo Petkov

- **Head of Department @ Information Services Plc.**

- Worked with various technologies

  - .**NET** and **C#**, BASIC, Pascal, Object Pascal, PHP

- **20 years of experience**

- **Experienced** Lecturer

  - C# Basics and ASP.NET Core @ Softuni

Course Organization

ASP.NET Fundamentals Timeline

10-Jan-2024 **18-Feb-2024** **17-April-2024**

ASP.NET Fundamentals

5 weeks * 2 times / week
12 credits

Start: 10-January-2024
Exam: 18-February-2024
Theoretical Exam: 18-February-2024
Retake Exams: 17-April-2024

SoftUni Certificate

Software University

Practical Exam 100%

Evaluation

CPE Certificate

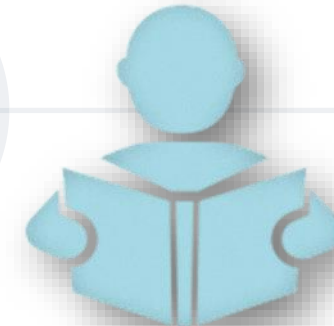Practical Exam

Evaluation

Theoretical Exam

Course Workflow

- Live coding

- You no longer have homework

  - Create ASP.NET Core MVC apps and implement features during the course

  - Work with GitHub

- Groups of lectures are followed by workshops

  - Knowledge is used to extend an application

  - Best practices are applied

Learn to Search in Internet

- The course assignments require to **search in Internet**
  - This is an important part of the learning process
  - Some exercises intentionally have no hints
- Learn to find solutions!
  - Software development includes **everyday searching and learning**
  - No excuses, just **learn to study**!
  - Developers learn new technologies, tools, languages every day!

Course Web Site, Forum and FB Group

- Official web site:

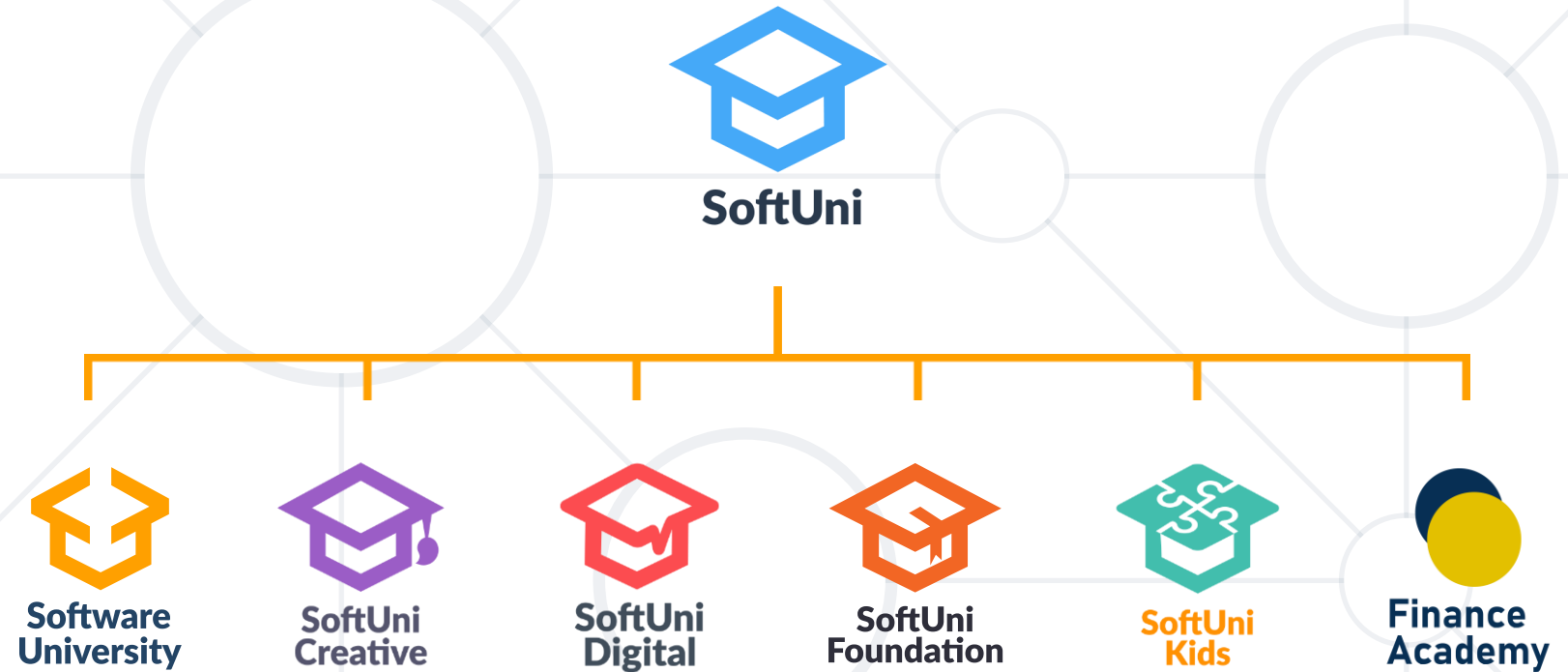 https://softuni.bg/trainings/4367/asp-net-fundamentals-january-2024

- Official discussion forum:

  https://softuni.bg/forum/categories/66/csharp-web-development-basics

- Official Facebook groups:

  https://www.facebook.com/groups/CsharpWebJanuary2024

Questions?

Trainings @ Software University (SoftUni)

- Software University – High-Quality Education, Profession and Job for Software Developers

  - softuni.bg, about.softuni.bg

- Software University Foundation

  - softuni.foundation

- Software University @ Facebook

  - facebook.com/SoftwareUniversity

- Software University Forums

  - forum.softuni.bg

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