Software Technologies Fundamentals

Course Introduction

SoftUni Team

Technical Trainers

Software University

SoftUni

Software University

SoftUni Diamond Partners

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Course Objectives and Scope

Software Technologies Fundamentals Course Scope

- The course covers various aspects of the software industry at a fundamental level and across a wide spectrum of topics:
  - Computer Systems and Software
  - Operating Systems
  - Networks, Internet and Protocols
  - Programming Languages
  - Databases
  - Git and GitHub
  - Software Architectures and Containers

Training Team

Sherif Hossny

- **International economics** - Varna Free University

- Over **5 years** of experience in the IT sector

- **Master's degree** in **Integrated Computer Systems and Clusters** – Burgas Free University

- **Technology Enthusiast**

Course Organization

Software Technologies Course Timeline

9-Jan-2024   **25-Feb-2024**   **17-Apr-2024**

Software Technologies
7 weeks * 2 times / week
3 credits

Start: 9-January-2024
Theoretical Exam: 25-February-2024
Practical Exam: 25-February-2024
Theoretical Exam Retake: 17-April-2024
Practical Exam Retake: 17-April-2024

Exam

Exams

- **Both exams** will be conducted **in English**

- **Practical Exam**

  - **Practical Tasks** for **4** Astronomical **Hours**

  - **Judge** system

- **Theoretical Exam**

  - **10 questions** for **30 Minutes**

  - Multiple-choice with **1 correct** answer
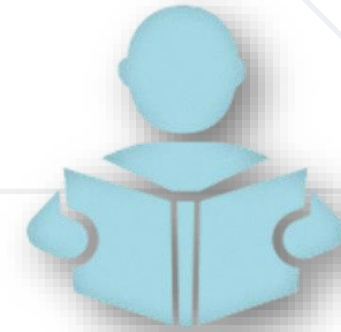
  - Automated **quiz system**

SoftUni Certificate

Practical Exam 100%

Evaluation

Homework 5%

CPE Certificate

Practical Exam

Evaluation

Theoretical Exam

Homework

Homework

- **Exercises**
  - Up to 1 week after class
  - Submitted through **https://softuni.bg/** platform
- Do your homework when it's due

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!
  - Quality assurance includes **everyday searching and learning**
  - No excuses, just **learn to study**!
  - QAs learn new technologies, tools, languages every day!

Course Web Site, Forum and FB Group

- Official web site:

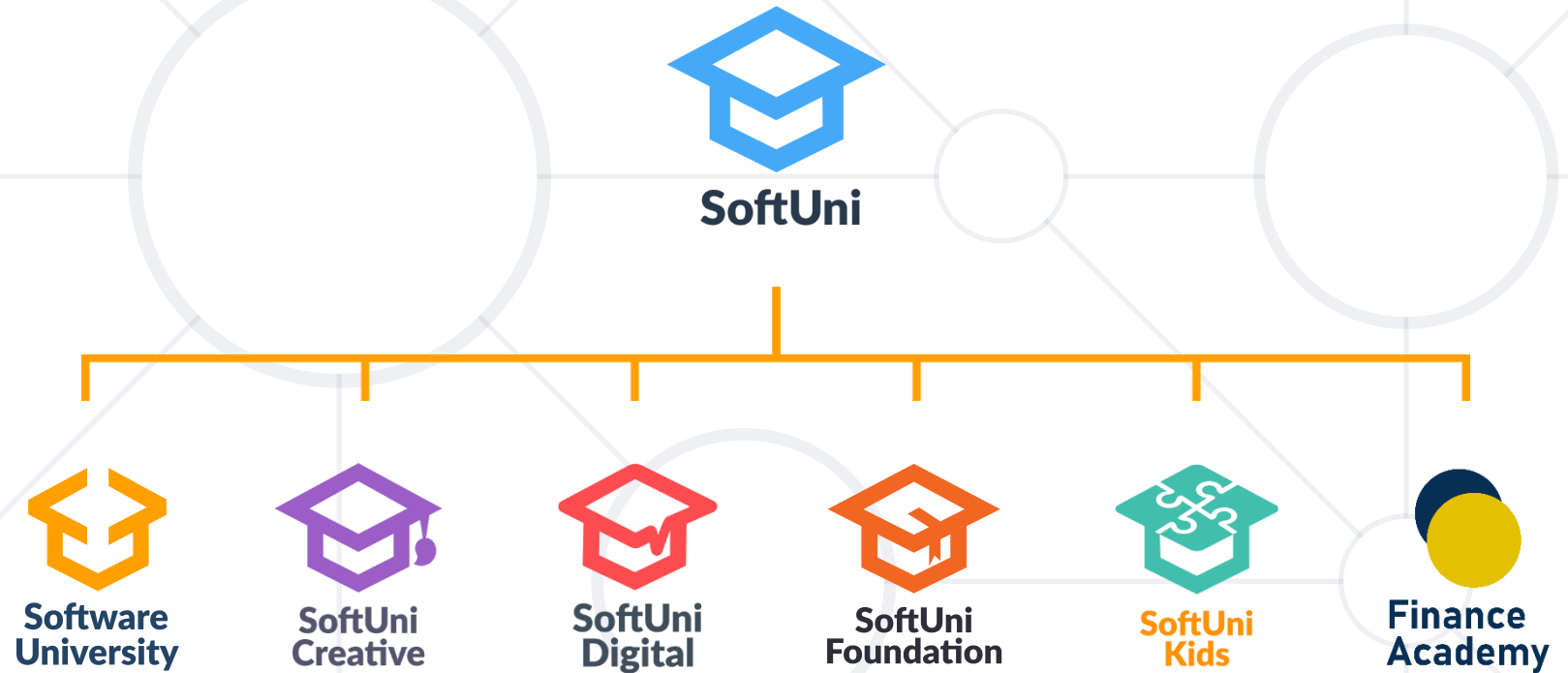 https://softuni.bg/trainings/4383/software-technologies-january-2024

- Official discussion forums:

  https://softuni.bg/forum

- Official Facebook group:

  https://www.facebook.com/groups/QAFundamentalsJanuary2024

Questions?

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