

ДОДАТОК

.Net for Teachers

Кількість Годин 120

Кількість Кредитів ЄКТС 4

ПЛАН КУРСУ:

- **Software Development Life Cycles overview. SCRUM**
- **Version Control Systems. Git**
- **Jira and Confluence**
- **Basic C# Syntax, Code conventions.**
- **Working with Strings, Arrays, String Manipulation, Loop Control**
- **Types Casting**
- **OOP, Wrapping with Object and Classes, Constructors, Objects**
- **Interfaces, IEnumerable, Collections, Dictionary**
- **Generics, Exceptions, File and Stream I/O operations,**
- **How to produce High Quality of Code**
- **Design patterns Object Oriented Design. SOLID Principles. NUnit**
- **XAML + styles**
- **WPF + MVVM + actions**
- **SQL, Delegates + LINQ**
- **HTML, CSS, JavaScript**
- **ASP.NET MVC. Web Services Overview, Ajax Applications**
- **RESTful Web Services. Overview. Rest API. Postman Introduction. Http, headers, cookies**
- **ADO.NET, ENTITY**
- **Docker**
- **Logs – Nlog, Reports**
- **Continuous integration**