Discipline	Software Production Technology, project code: 38c summer semester	
Specialty	SOFTWARE AND INTERNET TECHNOLOGIES	
ECTS credits: **2**	Form of assessment: Course Project	
Lecturer	Assist.prof. PhD /scientific title/ D.Nikolaeva /name/ Room 106 TB Phone: +359 899/168983 E-mail: d.nikolaeva@tu-varna.bg	
Department	SOFTWARE AND INTERNET TECHNOLOGIES	
Faculty	Faculty of Computer Sciences and Automation	

Annotation: The course project on Software Production Technology aims at deepening the knowledge of the students in the field of modern Software Technologies. The main idea of the project is the practical application of the knowledge about the software life cycle models, the modern software technologies and the organization of the team in the development of a real software product and teamwork.

The students have to develop and document a task assigned by the leading lecturer, related with the realization of a Windows Forms application (using Visual Studio.Net environment and language C# or VB), going through the stages of product specification, product design and coding.

Learning objectives:

- Software Specification
- Software Design
- Software Development

<table>
<tr><td colspan="3" align="center">CONTENTS:</td></tr>
<tr><td align="center">Training Area</td><td>Hours lectures</td><td>Hours seminar exercises</td></tr>
<tr><td>Topic 1. PHP syntax, coding style, naming conventions, documentation. Basic and alternative syntax of the control structures.</td><td></td><td>4</td></tr>
<tr><td>Topic 2. Methods for transmitting data from the client to the server. Basic formats of HTTP request to the server
   2.1. Processing an HTTP query using a PHP script. Methods of access to data. Global arrays $ _GET, $ _POST and $ _REQUEST.</td><td></td><td>10</td></tr>
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Topic 3. Accessing external data in web applications. File Input / Output.
    3.1. Working with PHP files: creating, reading, deleting, checking the existence of a file, etc.
    3.2. Working with directories in PHP: basic functions.
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