

<b>Óbudai Egyetem</b> Neumann János Informatikai Kar		<i>Szoftvertervezés és -fejlesztés Intézet</i>		
<b>Tantárgy neve és kódja:</b> <i>Web development using PHP/Symphony (NAIWD1SVND)</i> <b>Kreditérték:</b> 4				
<i>Mérnök Informatikus BSc szak</i>		<i>Nappali tagozat 2022/23 tanév II. félév</i>		
Tantárgy oktató(i): Dr. Király Zoltán				
Előtanulmányi feltételek: (kóddal)		Szakmai szigorlat (NIXSS1HBNE, NIXSS1HBEE)		
Heti óraszámok:	Előadás: 2	Tantermi gyak.: 0	Laborgyakorlat: 2	Konzultáció: 0
Számonkérés módja:	Vizsga			
<b>A tananyag</b>				
<i>Oktatási cél:</i> Students should familiarize themselves with the basics of PHP programming and advanced PHP programming. Be able to independently create interactive web pages. Be aware of the dangers plaguing websites. Be able to eliminate the most common sources of danger with the help of PHP elements. Learn the basics of the Symfony framework..				
<i>Tematika:</i> Introduction to PHP programming. Management of server-side data, beacons, databases in PHP. PHP Defense Strategies. Commonly used PHP functions. Introduction to the use of the Symfony framework.				

Féléves ütemezés:	
Oktatási hét (konzultáció)	Témakör
1.	Web server, MySQL server PHP compiler installation. Basics of PHP. Characteristics of weakly typed languages. PHP variables, functions,
2.	PHP file management, TXT file management, HTML form management
3.	PHP OOP; MySQL management basics, guest book
4.	PDO treatment
5.	Session, cookie management
6.	PHP XML handling, simple, DOM
7.	written examination 1
8.	PHP DIG, securityg
9.	PHP error handlings
10.	Symfony basic, Twig
11.	Doctrine
12.	Symphony modes
13.	written examination 2
14.	Pót ZH
Félévközi követelmények	
Achieving a score of better than 50% on the two tests separately is the signature.	
Zárthelyi dolgozatok	
Oktatási hét (konzultáció)	Témakör
6	Use of PHP basics, MySQL, TXT files
13	Advanced PHP,

14	From the materials of previous tests												
<b>A félévzáró érdemjegy (é) kialakításának módszere</b>													
The successful (>50%) completion of the two tests is required for the signature.													
<b>Pótlás módja</b>													
Both tests are made up in the last week.													
<b>Vizsga módja</b>													
Knowledge of the learned elements of PHP and Symfony must be demonstrated in the exam.													
<b>Vizsgajegy kialakítása</b>													
Final grade = the arithmetic mean of the exam and ZH grades. In all areas min. 50% must be achieved.													
How to calculate the value marks:													
<table border="1"> <thead> <tr> <th>Achived result</th> <th>Certificate of Merit</th> </tr> </thead> <tbody> <tr> <td>89%-100%</td> <td>excellent (5)</td> </tr> <tr> <td>76%-88&lt;%</td> <td>good (4)</td> </tr> <tr> <td>63%-75&lt;%</td> <td>satisfactory (3)</td> </tr> <tr> <td>51%-62&lt;%</td> <td>pass (2)</td> </tr> <tr> <td>0%-50&lt;%</td> <td>fail (1)</td> </tr> </tbody> </table>		Achived result	Certificate of Merit	89%-100%	excellent (5)	76%-88<%	good (4)	63%-75<%	satisfactory (3)	51%-62<%	pass (2)	0%-50<%	fail (1)
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0%-50<%	fail (1)												
<b>Irodalom</b>													
Kötelező:													
SensioLabs: Symfony - The Book ( <a href="http://symfony.com/doc/current/book/index.html">http://symfony.com/doc/current/book/index.html</a> ) <a href="http://w3schools.com/HTML/default.asp">http://w3schools.com/HTML/default.asp</a> ; <a href="http://w3schools.com/PHP/default.asp">http://w3schools.com/PHP/default.asp</a> ; <a href="http://uk.php.net/">http://uk.php.net/</a>													
Ajánlott:													
C. Musciano, B. Kennyedy: HTML & XHTML, The Definitive Guide [O'Reilly, 2000, pdf, ISBN 9780596527327] D. Sklar, A. Trachtenberg: PHP Cookbook [O'Reilly, 2002, pdf, ISBN 9781565926813] J. Castagnetto, H. Rawat, S. Schumann, C. Scollo, D. Veliath: Professional PHP Programming [Wrox Press Ltd, 1999, pdf, ISBN 1-861002-96-3] M. Maslakowski: Teach Yourself MySQL in 21 Days [Sams, 2000, pdf, ISBN: 9780672319143] <a href="http://symfony.com/doc/current/index.html">http://symfony.com/doc/current/index.html</a>													
Egyéb segédletek:													
<a href="https://dev.mysql.com/doc/">https://dev.mysql.com/doc/</a> <a href="http://w3schools.com/JS/default.asp">http://w3schools.com/JS/default.asp</a> ; <a href="http://w3schools.com/CSS/default.asp">http://w3schools.com/CSS/default.asp</a>													