

<b>Web Programming</b>					
<b>Course Code</b> CIS62015	<b>Student Workload</b> 90 hours	<b>Credits</b> (according to ECTS) 4.5	<b>Semester</b> 4	<b>Frequency</b> each even-semester	<b>Duration</b> 16 meetings
<b>1</b>	<b>Types of courses</b> <i>Compulsory (study programme level)</i>	<b>contact hours</b> 63 hours	<b>independent study</b> 27 hours	<b>class size</b> 40 students	
<b>2</b>	<b>Prerequisites for participation</b> Have completed Database Fundamental course Have completed User Interface Design Fundamental course				
<b>3</b>	<b>Learning outcomes</b> IS-ILO-4 Graduates can develop professional careers in computer science based on quality aspects, data-driven decision making, be responsible, and make continuous improvements.				
<b>4</b>	<b>Subject aims</b> <ul style="list-style-type: none"> <li>• Students are able to comprehend the fundamental concept of dynamic website.</li> <li>• Students are able to comprehend and implement server-side scripting.</li> <li>• Students are able to implement programming with database.</li> <li>• Students are able to comprehend Model View Controller (MVC) concept.</li> <li>• Students are able to implement MVC framework.</li> <li>• Students are able to comprehend and implement Asynchronous Javascript and XML.</li> </ul>				
<b>5</b>	<b>Teaching methods</b> lectures, case study, class discussion, presentation				
<b>6</b>	<b>Assessment methods</b> assignment, mid-term examination, end-term examination, project evaluation, practical-skill assessment				
<b>7</b>	<b>This module is used in the following degree programs as well</b>				
<b>8</b>	<b>Responsibility for module</b>				
<b>9</b>	<b>Other information</b> Castagnetto, Jesus et.al., 1999. Professional PHP Programming Wrox. Heilmann, Christian. 2006. Beginning Javascript with DOM Scripting and Ajax from Novice to Professional. Springer-Verlag. New York, Inc., New York.				

	<p>Jacobi, Jonas and John R Fallows. 2006. Pro JSF and AJAX, Building Rich Internet Components. Springer-Verlag, New York, Inc., New York.</p> <p>Leonardo, Angle. 2010. JSF 2.0 Cookbook. Packt Publishing, Ltd. Birmingham, UK</p> <p>Mercer, Dave. 2010. Beginning PHP5. Wrox Press, Indianapolis, Indiana.</p>
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