

General Information			
Course name ÚINF/SPS1/15	Seminar in network programming	ECTS Credits	3
		Semester	1
Aims			
To teach students current technologies of programming in a network distributed environment.			
Content			
Basics of programming client-server applications, iterative and concurrent servers, Remote Procedure Calls. Server-side programming, CGI, PHP, basics of Perl and Python. Script languages, ASP, JSP, Component Object Model, database connection's interfaces. Document Object Model, XML, XSL, dynamic extensions of HTML, AJAX. Advanced level of programming is expected.			
Assessment Methods and Criteria			
<p>1. Attendance - students are expected to attend each class according to the schedule. Should the student miss three or more classes, he/she will not receive credits for the course. The student must be on time for class.</p> <p>2. Active participation - students are required to solve tasks in one technology every week.</p> <p>3. Active presentation - students are required to prepare webpages for chosen technologies and present it.</p> <p>Final grading is composed of grading for active participation and presentation.</p>			
<p>Grading Scale (in %):</p> <p>A 91-100%</p> <p>B 81-90%</p> <p>C 71-80%</p> <p>D 61-70%</p> <p>E 51-60%</p> <p>FX 50 and less</p>			
<p>Grading System:</p> <p>The University recognizes the following six degrees for the evaluation of the study results:</p> <p>a) A – excellent (excellent results) (numerical value 1)</p> <p>b) B – very good (above average results) (1.5)</p> <p>c) C – good (average results) (2)</p> <p>d) D – satisfactory (acceptable results) (2.5)</p> <p>e) E – sufficient (results meet the minimum criteria) (3)</p> <p>f) FX – failed (requires further work) (4)</p>			
Bibliography			
Internet sources and specifications.			