

General Information			
Course name ÚINF/PDS1/15	Parallel and Distributed Systems	ECTS Credits	4
		Semester	2, 4
Aims			
To introduce students to the fundamentals of parallel and distributed programming.			
Content			
Current parallel and distributed architectures; basic issues in parallel and distributed applications development; data structures and programming methodologies.			
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 no matter what his/her overall results are on the tests(s). The student must be on time for class.</p> <p>2. Active participation - students are required to do their best with respect to active participation in seminar sessions.</p> <p>Assessment: home works 40p, project 20p, 2 tests 20+35p, examination 25p.</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 recognises 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			
<p>BERMAN, K. A. and PAUL, J. L.: Algorithms: Sequential, Parallel, and Distributed, Thomson, 2005</p> <p>ANDREWS, G. R.: Foundations of Multithreaded, Parallel, and Distributed Programming, Addison-Wesley, 2000</p> <p>JÁJÁ, J.: An Introduction to Parallel Algorithms, Addison-Wesley, 1992</p> <p>TEL, G.: Introduction to Distributed Algorithms, Cambridge University Press, 1994</p>			