













































•	Good work	Homeworks <i>minimum requirement</i> <b>1</b> <i>p</i>	6 p
•	Diligence and knowledge is awarded	Projects TitoTrainer problems (pr1: 12 pp) Make Practice problems (pr1: 16 pp) (super-diligent participation +4p) <i>minimum requirement 1 p</i>	<b>14 p</b> (16 p)
•	Course	Course exam, make-up exam minimum requirement 20 p	40 p
	maximum grade points	<b>Total</b> minimum requirement <b>30 p</b>	60 p



WWW Information					
•	Course home page <u>http://www.cs.helsinki.fi/u/kerola/t</u> Course schedule – Everything is found linked to here	<u>ito/</u>			
•	<ul> <li>Part of material is in CS departmental Intranet</li> <li>Web lectures (Authorware)</li> <li>Practice problems</li> <li>Course statistics (hwp, pp, exam points)</li> <li>Everyone need CS dept id's</li> </ul>	<u></u>			
	<ul> <li>Everyone need CS dept Id S</li> <li>Those minoring in CS must first have the UNIX-id (so call cc-id) from the University IT department, obtained from yo own department</li> </ul>	led our			
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•	Course contents Lecture 0: Course contents, structure, and organization		
•	Web lecture 1: System structure		
•	Web lecture 2: Ttk-91 and the simulator for it		
•	Web lecture 3: Assembly language programming		
•	Summary lecture	(in Finnish)	
•	Web lecture 4: Assembly language subroutine implem	entation	
•	Web lecture 5: CPU and bus	(in Finnish)	
•	Web lecture 6: Data presentation	(in Finnish)	
•	Summary lecture	(in Finnish)	
•	Web lecture 7: Error recovery and internal memory	(in Finnish)	
•	Web lecture 8: Program implementation in the system	(in Finnish)	
•	Summary lecture	(in Finnish)	
•	Web lecture 9: External memory, I/O	(in Finnish)	
•	Web lecture 10: Compilation, linking and loading	(in Finnish)	
•	Summary lecture	(in Finnish)	
•	Web lecture 11: Interpretation and emulation	(in Finnish)	
• 15.3.2010	Lecture 12: Summary Copyright Teemu Kerola 2010		27







