

ELEC-E8124, Intelligent Buildings, 5 cr, 2021

(schedule of each lecture is approximate)

Week 44			
Lecture			
Mon 1.11.	12.15	Introduction	Jaakko Ketomäki / Heikki Ihasalo
12.15-15.45	12.45	Planning the Intelligent buildings	Vili Tuomisaari, Granlund
	13.45	Break	
	14.00	Digitalization and maintenance at ACRE	Antti Säynäjoki, ACRE
	14.45	Introduction to group work	Håkan Mitts/Jaakko Ketomäki
Group work			
		Finding basic knowledge about the topic "digitalization and maintenance"	

Week 45			
Lecture			
Mon 8.11.	12.15	Group work workshop	Håkan Mitts, Aalto
12.15-13.45	14.15	Break	
	14.30	Maintenance and digitalization	Tuomas Hietala, L&T
	14.55	Maintenance and digitalization	Otto Juhala, ISS
	15.20	Cleaning and digitalization	Riku Moisio, Mari Ahlgren, Palmia
Group work			
Wed 10.11.		Email preliminary questions to companies Interviews of L&T, ISS and Palmia	

Week 46			
Lecture			
Mon 15.11.	12.15	Business of intelligent buildings	Harald Schnur, Siemens Oyj
12.15-15.45	13.00	Intelligent hospitals	Jouko Kuisma, Salivirta Oy
	13.45	Break	
	14.30	YIT Workery+	Anders Stenbäck, YIT
Group work			
Fri 19.11.		Interviews of L&T, ISS and Palmia Clinics I of group work	
13.00-17.00	13 ->		
Learning diary			
Sun 21.11.		DL of learning diaries of lectures 1, 2 and 3	

Week 47			
Lecture			
Mon 22.11.	12.15	Lighting control & intelligence at the edge	Henri Juslen, Helvar Oy
12.15-15.45	13.00	Use of building data	Jari Saukko, Ekokumppanit
	13.45	Break	
	14.00	Modern intelligent office	Janne Saarinen, Supercell
	14.45	Towards the cloud & services	Ilkka Mäkelä, Omar Nasir, Helvar Oy
Group work			
		Meetings with ACRE	
Learning diary			
Sun 28.11.		DL of peer review of learning diaries of lectures 1, 2 and 3	

Week 48**Lecture**

Mon 29.11.	12.15	People flow and Smart buildings	Kaija Bridger, Ari Varelius, Kone Oyj
12.15-15.45	13.45	Break	
	14.00	Smart office apps	Laura Remes, Aalto/Ramboll
	14.45	Hyper local services	Ken Dooley, Aalto/Haltia

Group work

Fri 3.12.	13 ->	Clinics II of group work	
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Week 49**Lecture**

Mon 6.12.		(National holiday)	
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Group work

Fri 10.12.		DL for presentation slides	
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Learning diary

Sun 12.12.		DL of learning diaries of lectures 4, 5 and 6	
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Week 50**Lecture**

Mon 13.12.	12.15-	Presentations of group works	
	12.15-		

Learning diary

Sun 19.12.		DL of peer review of learning diaries of lectures 4, 5 and 6	
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