

ELEC-E8124, Intelligent Buildings, 5 cr, 2020

(schedule of each lecture is approximate)

Week 44			
Lecture			
Mon 26.10.	12.15	Introduction	Jaakko Ketomäki / Heikki Ihasalo
	12.45	Business of intelligent buildings	Harald Schnur, Siemens Oyj
		Break	
	14.00	Digitalization and maintenance	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 2.11.	12.15	Maintenance and digitalization	Anne Salonen, L&T
	12.35	Maintenance and digitalization	Jari Tiirikainen, ISS
	12.55	Maintenance and digitalization	Mari Ahlgren, Palmia
		Break	
	13.40	Group work workshop	Håkan Mitts, Aalto
Group work			
Wed 4.11.		Email preliminary questions to companies Interviews of L&T, ISS and Palmia	

Week 46			
Lecture			
Mon 9.11.	12.15	(Time for group work)	
	13.00	Intelligent building buildings in practice	nn. Schneider electric Oy
	13.45	Virtual tour to Scheider- Electric Innovation hub	
		Break	
	14.45	Intelligent departments, Case: Redi	Arto Huuskonen, SRV Oy
Group work			
		Interviews of L&T, ISS and Palmia	
Fri 13.11.	13.00	Clinics I of group work	
Learning diary			
Sun 15.11.		DL of learning diaries of lectures 1, 2 and 3	

Week 47			
Lecture			
Mon 16.11.	12.15	(Time for group work)	
	13.00	Intelligent hospitals	Jouko Kuisma, Salivirta Oy
	13.45	Indoor positioning	Tuoma Ilola, Steerbath Oy
		Break	
	14.45	Smart office apps and	Laura Remes, Aalto
	15.45	Smart Rediness Indicator	
Group work			
		Meetings with ACRE	
Learning diary			
Sun 22.11.		DL of peer review of learning diaries of lectures 1, 2 and 3	

Week 48**Lecture**

Mon 23.11.	12.15	People flow	Kaija Bridger, Kone Oyj nn. Kone Oyj
	13.00	Smart buildings Break	
	14.00	Intelligent lighting	Henri Juslen, Helvar Oyj nn, Helvar Oyj
	14.30		

Group work

Fri 27.11.	13.00	Clinics II of group work
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Week 49**Lecture**

Mon 30.11.	12.15	(Time for group work)	
	13.00	Smart building start-ups	Ken Dooley
	13.45	Seniors ans intelligent buildings Break	Ira Verna, Aalto
	15.00	Sustainability and intelligent buildings	Jaakko Ketomäki, Aalto

Group work

Fri 4.12.		DL for presentation slides
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Learning diary

Sun 6.12.		DL of learning diaries of lectures 4, 5 and 6
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Week 50**Lecture**

Mon 7.12.	12.15-	Presentations of group works
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Learning diary

Sun 13.12.		DL of peer review of learning diaries of lectures 4, 5 and 6
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