

ELEC-E8124, Intelligent Buildings, 5 cr, 2022

(schedule of each lecture is approximate)

Week 43		
Lecture		
Mon 24.10.	Introduction	Jaakko Ketomäki
12.15-15.45	Aalto Works and digitalization	Tuomo Uusitalo, ACRE
Hall D	Break	
	Designing Intelligent Buildings	Vili Tuomisaari, Granlund
	Introduction to group work	Håkan Mitts/Laura Remes
Group work		
	Finding the general knowledge about Aalto works	

Week 44		
Lecture		
Mon 31.10.	Sustainability and intelligent buildings	Ken Dooley, Aalto
12.15-15.45	Break	
Maarintie 8, Atrium	Group work workshop	Håkan Mitts, Aalto
Group work		
	Defining the intelligent solution of the group	

Week 45		
Lecture		
Mon 7.11.	Business of intelligent buildings	Harald Schnur, Siemens Oyj
12.15-15.45	Break	
Hall D	Joining the building and city	Ken Dooley, Aalto
Group work		
Fri 11.11.	Clinics I of group work	
13.00-16.00		
Maarintie 8, Atrium		
Learning diary		
Sun 13.11.	DL of learning diaries of lectures 1, 2 and 3	

Week 46		
Lecture		
Mon 14.11.	Intelligent campus	Tuomas Ilola, Steerbath
12.15-15.45	Intelligent hospitals	Jouko Kuisma, NHG
Hall D	Break	
	Evaluation of intelligence of buildings	Laura Remes
	Seniors and intelligent buildings	Ira Verma, Aalto
Learning diary		
Sun 20.11.	DL of peer review of learning diaries of lectures 1, 2 and 3	

Week 47		
Lecture		
Mon 21.11.	Visit to Helvar (Keilaranta 5, Espoo)	Henri Juslen, Helvar
12.15-15.45	AI in intelligent buildings	
	Break (walking to Kone)	
	Visit to Kone (Keilalahdentie 2-4, Espoo)	
	People flow	
Group work		
Fri 25.11.	Clinics II of group work	
13.00-16.00		
Maarintie 8, Atrium		

Week 48**Lecture**

Mon 28.11. 12.15-15.45	Visit to YIT Workery+ (Sturenkatu 16, Vallila)	Mikko Heikkilä, YIT
	Emerging technologies / startups	Ken Dooley, Aalto

Group work

Fri 2.12. DL for presentation slides

Learning diary

Sun 4.12. DL of learning diaries of lectures 4, 5 and 6

Week 49**Lecture**

Mon 5.12. Presentations of group works
12.15-
Hall D

Group work

Sun 11.12. DL for group work reports

Learning diary

Sun 11.12. DL of peer review of learning diaries of lectures 4, 5 and 6

