

Time/Date	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Legend	Expected Learning etc.	20% expected	30% expected
1:11	2:11	3:11	4:11	5:11	6:11	7:11		Background, learning, up, burning, morning	Expected Learning etc. 20% expected		
9-14-12	VOPD materials, articles		Guest 4: 9:30-10:00 AM (VOPD materials, articles)	Pop-up lab: 10:11-12:12:45	From the field to user experience (Book)	Lectures: U201 CP-1021			Individual or team learning		
13-15-16	Courses setup: VOPD materials, articles		Planning with VOPD		Teamwork (L&P)	Final team discussions, Conclusions			Individual or team learning		
15-17	Development of design intervention as an objective (L&P)		Collaborate with VOPD		Dearden & Felsing, 2003				Individual or team learning		
Reading before date								Final			
Time/Date	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Legend	Expected Learning etc.	20% expected	30% expected
8:11	9:11	10:11	11:11	12:11	13:11	14:11		Interview and analysis, writing, performing	Visit to Kaitiaki Māori specific to respective teams		
9-15-12	Healthcare economics and business report (Prof Phil Latham, DCP)		Plan teams	Tutoring 10-11:30 and 12-14:45 (Book year add one week before 45 min/week/team)	Tutoring 10-11:30 and 12-14:45 (Book year add one week before 45 min/week/team)	AL&L: Scenario based concept creation (L&L&P) teamwork					
13-15-16	Healthcare economics and business report (Prof Phil Latham, DCP)		Plan teams			Teamwork outcomes: Local, Concept, form, material, boundary objects, prototypes (L&L&P)					
15-17	Healthcare economics and business report (Prof Phil Latham, DCP)		Plan teams								
Reading before date								Only 2021			
15:11	16:11	17:11	18:11	19:11	20:11	21:11					
9-15-12	Teamwork		Tutoring 10-11:30 and 12-14:45 (Book year add one week before 45 min/week/team)	Tutoring 10-11:30 and 12-14:45 (Book year add one week before 45 min/week/team)	Teamwork: Small team discussions, Conclusions						
13-15-16	Teamwork		Tutoring 10-11:30 and 12-14:45 (Book year add one week before 45 min/week/team)	Tutoring 10-11:30 and 12-14:45 (Book year add one week before 45 min/week/team)	Assignment for 12-14:45 (Book year add one week before 45 min/week/team)						
15-17	Senior making in design, design as senior making (Prof. SA, Mike Robinson, DCP)				Replaced by 25.11 morning lecture						
Reading before date								Analysis			
20:11	21:11	22:11	23:11	24:11	25:11	26:11	27:11				
9-15-12	User & mobile first data in hospital design, AM&H/Pharma Plans		Tutoring 10-11:30 and 12-14:45 (Book year add one week before 45 min/week/team)	Tutoring 10-11:30 and 12-14:45 (Book year add one week before 45 min/week/team)	Vehicle Concept Design (L&P)	Ultra Design & Strategy (10-11, 45 min/week/team)	Mid-term Presentations				
13-15-16	Senior making in design, design as senior making (Prof. SA, Mike Robinson, DCP)				Tutoring 10-11:30 and 12-14:45 (Book year add one week before 45 min/week/team)		Mid-term Presentations				
15-17	Senior making in design, design as senior making (Prof. SA, Mike Robinson, DCP)										
Reading before date								Concept definition			
20:11	21:11	22:11	23:11	24:11	25:11	26:11	27:11				
9-15-12	Sustainable innovations (TRC) (Book: director James Ingham, A&H)		Tutoring 10-11:30 and 12-14:45 (Book year add one week before 45 min/week/team)	Tutoring 10-11:30 and 12-14:45 (Book year add one week before 45 min/week/team)	Validating Concepts						
13-15-16	Sustainable innovations (TRC) (Book: director James Ingham, A&H)				Team status presentations, Teams before final growth						
15-17	Team work, labored										
Reading before date											
9:12	10:12	11:12	12:12	13:12	14:12	15:12	16:12				
9-15-12	Independence day		Tutoring 10-11:30 and 12-14:45 (Book year add one week before 45 min/week/team)	Tutoring 10-11:30 and 12-14:45 (Book year add one week before 45 min/week/team)	Presentations						
13-15-16	Independence day				Presentations						
15-17	Independence day				Presentations						
Reading before date								Reflection			
13:12	14:12	15:12	16:12	17:12	18:12	19:12					
9-15-12	Reflection		Reflection	Reflection	Reflection	Mid-term exam					
13-15-16	Reflection		Reflection	Reflection	Reflection	Mid-term exam					
15-17	Reflection		Reflection	Reflection	Reflection	Mid-term exam					

Course Workload for Students

Reference	Pages	Hours	Team discussion and teaching material	Including Reflection 20%	Total
Cooper, A., Remmen, et. Cooper, O. & Abouzeid, C. (2014). <i>Abstract: The importance of interaction design</i> . John Wiley & Sons. Ed. L. J. & Christensen, et. (2018). <i>Advancing an understanding of design cognition and program management</i> . <i>Programs and projects: Design Studies</i> , 40, 30-48.	10	0.83	0	1.08	
Only, N. (2017). <i>The Evolution of 'C' architecture (Part 1)</i> . <i>Practice: Design, Problem Finding, and Their Intersection in Design and Other Creative Practices</i> , <i>Shiraz: The Journal of Design, Economics, and Innovation</i> , 1(1), 309-332.	22.00	1.83	2	2.38	
Hatchuel, O. & Lumbroso, C. (2021). <i>Planning and Informing the Design Space: Towards Design-Driven Thinking</i> . <i>ACM Trans Comput Surv</i> , 28(1), 1-28.	24.00	2.00	2	2.80	
VOPD materials	30.00	2.50	2	5.85	
Total		18.17	4.88	18.42	
Lectures/Week	Theme	Teacher	Hours	Including Reflection 10%	Total
1	Various	9.00	18.00		
2	Various	9.00	18.00		
3	Various	9.00	18.00		
4	Various	9.00	18.00		
5	Various	9.00	18.00		
5	Various	5	10.00		
Total		45.00	100.00		100.00
Assignment	Teacher	Time	Hours/Student/Time	Including Reflection 20%	Teacher time, Hours
Tutoring/Theme	Markus/Heidi	3:00	6.75	3.38	7.50
	Severi/Usheko	1:00	0.50	0.75	3.00
	Jenna/Hannah	1	2.00	4.00	7.00
3:11 Workshop	Usheko et al. (8 Felsing)	1:00	5.00	7.00	1.00
Total				16.13	16.13
Essay writing	Time	Hours including rehearsal, revision, etc.			
1	30				
Total		30			
Design Assignment	Hours	Including Reflection 20%			
150.00	142.00				
TOTAL					277.64

The readings will be added during the course

Teacher's time, Heidi and Severi

Teacher time, Heidi

Response	Koko nimi	Käyttäjätunnus	Q01_Disciplines and skills	English	Finnish	Swedish	Wearable	Stroke UI&SD	Stroke ID	Unlimited I	Healthcare self	Visualizing	Head AMRI	Limb AMRI	Q04_Design for Healthcare	Q05_Video skills>1-5
Team A	PREVENTIVE ELDERLY HEALTHCARE (PEH)															
	Tulke Rantanen	rantat5@aalto.fi	3-Service design	1	1	0	1	1	0	0	0	1	0	1	1	3
	Wangting Wu	wuw5@aalto.fi	2-Interaction, UX, UI design	1	0	0	1	1	0	0	0	1	1	0	1	3
	Nicolas Robertson De Ferrari	robertn2@aalto.fi	1-Industrial design	1	0	0	1	0	1	0	1	1	0	0	0	2
Team B	MENTAL HEALTH															
	Theo Weckström	weckott1@aalto.fi	1-Industrial design	1	1	1	1	1	1	1	0	0	0	0	0	1
	Shreya Shrivastava	shriva11@aalto.fi	3-Service design	1	0	0	0	1	0	0	1	1	0	0	0	3
	Xiaoyu Zhang	zhangx14@aalto.fi	4-Graphic design	1	0	0	0	1	0	0	1	1	0	0	0	3
Team C	DEMENTIA															
	Lisara Viectala	hietal1@aalto.fi	3-Service design	1	1	0	1	1	0	0	1	1	0	0	0	3
	Natalia Trzmielak	trzmien1@aalto.fi	4-Graphic design	1	0	0	1	0	1	1	1	1	0	0	0	3
	Hidde Griek	griekh1@aalto.fi	5-Other design	1	0	0	1	0	0	0	1	1	1	0	1	4
Team D	DEMENTIA															
	Ninni Laaksonen	laakson5@aalto.fi	3-Service design	1	1	1	1	1	1	0	1	1	0	0	0	3
	Xingui Zhao	zhaox8@aalto.fi	4-Graphic design	1	0	0	1	0	0	1	1	1	1	0	0	4
	Pui-Feng Chen	chenp2@aalto.fi	1-Industrial design	1	0	0	1	1	1	0	1	0	0	0	0	5
	Juha Salokangas	salokaj3@aalto.fi	5-Other design	1	1	0	0	0	1	1	1	0	0	0	0	3
Team E	AMRI STROKE UNIT															
	Nilsen Barreto	barret11@aalto.fi	1-Industrial design	1	1	0	1	0	1	0	1	1	0	0	1	1
	Xinyu Zhang	zhangx15@aalto.fi	1-Industrial design	1	0	0	0	0	1	1	1	0	0	1	0	1
	Karolina Paulus	paulok2@aalto.fi	1-Industrial design	1	1	0	1	1	1	1	0	0	1	0	1	2
	Samyukta Santhakumar	santha11@aalto.fi	2-Interaction, UX, UI design	1	0	0	0	1	0	0	1	1	0	0	0	3
Team F	AMRI NON-EMERGENCY															
	Vik Sheela	shivok1@aalto.fi	1-Industrial design	1	1	0	1	0	1	0	1	0	0	0	0	1
	Fulgini Purohit	purohit1@aalto.fi	3-Service design	1	0	0	1	1	0	0	1	0	0	0	0	3
	Xiaonai Zhang	zhangx16@aalto.fi	2-Interaction, UX, UI design	1	0	0	1	1	0	0	1	1	0	0	0	3
Team G	MATERNITY PACKAGE															
	Wivan Soti	sotiv1@aalto.fi	1-Industrial design	1	1	0	1	0	1	0	0	0	1	0	0	3
	Yunan Zhou	zhouy18@aalto.fi	1-Industrial design	1	0	0	1	1	1	0	1	1	0	0	0	3
	Aleksandra Lukaszewka	lukasa1@aalto.fi	5-Other design	1	0	0	1	1	1	0	1	0	1	0	0	2