

Interactive Environments Minor

revision date: 08-01-12

Design and Prototype Studio	15 ECTS
Design and Prototype Studio / unsupervised	
Interaction Studies	3 ECTS
Interaction Studies / unsupervised	
Design Strategies	4 ECTS
Design Strategies / unsupervised	
Technical Studies	4 ECTS
Technical Studies / unsupervised	
Workshops	4 ECTS
Workshops / unsupervised	

Semester 10-11

week 36	05-sep	06-sep	07-sep	08-sep	09-sep
8:45 - 9:45					
09:45 - 10:45	Return Ars Electronica excursion	INTERACTIVE ENVIRONMENTS MINOR	Interaction Studies / unsupervised	Interaction Studies	Interaction Studies / unsupervised
10:45 - 11:45		Semester Introduction		Presentation 1 + discussion	
11:45 - 12:45		Interaction Studies		Interaction Studies / unsupervised	
12:45 - 13:45					
13:45 - 14:45		Interaction Studies / unsupervised	Interaction Studies / unsupervised	Interaction Studies / unsupervised	Interaction Studies / unsupervised
14:45 - 15:45					
15:45 - 16:45					
16:45 - 17:45					
17:45 - 18:45		Interaction Studies / unsupervised	Interaction Studies / unsupervised	Interaction Studies / unsupervised	
18:45 - 19:45					
19:45 - 20:45					

week 37	12-sep	13-sep	14-sep	15-sep	16-sep
8:45					
09:45	Interaction Studies / unsupervised	Interaction Studies	Interaction Studies / unsupervised	Interaction Studies	Design and Prototype Studio / unsupervised
10:45		Presentation 2 + discussion		Presentation 3 + discussion	Design Strategies
11:45		Interaction Studies / unsupervised		Interaction Studies / unsupervised	Kas Oosterhuis (zaal D, BK)
lunch					
13:45	Interaction Studies / unsupervised	Interaction Studies / unsupervised	Interaction Studies / unsupervised	Design and Prototype Studio	Design and Prototype Studio / unsupervised
14:45				Course Introduction	
15:45				Group forming	
dinner					
17:45	Interaction Studies / unsupervised	Interaction Studies / unsupervised	Interaction Studies / unsupervised	Design and Prototype Studio / unsupervised	
18:45					
19:45					

week 38	19-sep	20-sep	21-sep	22-sep	23-sep
8:45					
09:45	Technical Studies	Technical Studies	Technical Studies / unsupervised	Design Strategies	Design and Prototype Studio / unsupervised
10:45	Make interactive object	Make interactive object		Christian Friedrich	
11:45	Intro: Electronics + Arduino	tinkering assignment		Immediate Architectures	
lunch					
13:45	Technical Studies / unsupervised	Technical Studies / unsupervised	Technical Studies	Design and Prototype Studio	BODYcheck 1
14:45			Make interactive object		Design and Prototype Studio
15:45			Finish prototype assignment		First design directions
evening					
17:45	Technical Studies / unsupervised	Technical Studies / unsupervised	Design and Prototype Studio / unsupervised	Design and Prototype Studio / unsupervised	
18:45					
19:45					

week 39	26-sep	27-sep	28-sep	29-sep	30-sep
8:45					
09:45	Workshops	Workshops	Workshops	Design Strategies	Design and Prototype Studio / unsupervised
10:45	Make interactive objects	Make interactive objects	Prototype: interactive objects	Walter Aprilie	
11:45	Intro: workshop			System thinking	
lunch					
13:45	Workshops	Workshops	Workshops	Design and Prototype Studio	Design and Prototype Studio / unsupervised
14:45	Make interactive objects	Make interactive objects	Prototype: interactive objects		
15:45			Presentation: interactive objects		
evening					
17:45	Workshops / unsupervised	Workshops / unsupervised	Design and Prototype Studio / unsupervised	Design and Prototype Studio / unsupervised	
18:45					
19:45					

week 40	03-okt	04-okt	05-okt	06-okt	07-okt
8:45					
09:45	Technical Studies	Technical Studies	Technical Studies / unsupervised	Design Strategies	Design and Prototype Studio / unsupervised
10:45	3d modeling	3d modeling		Aadjan van der Helm	
11:45	Intro: Rhino 3D			Design-by-making-prototypes	
lunch					
13:45	Technical Studies / unsupervised	Technical Studies / unsupervised	Technical Studies	Design and Prototype Studio	Design and Prototype Studio / unsupervised
14:45			3d modeling		
15:45			Finish prototype assignment		
evening					
17:45	Technical Studies / unsupervised	Technical Studies / unsupervised	Design and Prototype Studio / unsupervised	Design and Prototype Studio / unsupervised	
18:45					
19:45					

week 41	10-okt	11-okt	12-okt	13-okt	14-okt
8:45					
09:45	Workshops	Workshops	Workshops	Design Strategies	Design and Prototype Studio / unsupervised
10:45	Parametric & Associative modeling	Parametric & Associative modeling	Parametric & Associative modeling	Joost Boekens	
11:45	Intro: workshop Sander Boer			Affective Computing	
lunch					
13:45	Workshops	Workshops	Workshops	Design and Prototype Studio	BODYcheck 2
14:45	Parametric & Associative modeling	Parametric & Associative modeling	Parametric & Associative modeling		Design and Prototype Studio
15:45			Presentation: parametric model		First concepts
evening					
17:45	Workshops / unsupervised	Workshops / unsupervised	Design and Prototype Studio / unsupervised	Design and Prototype Studio / unsupervised	
18:45					
19:45					

week 42	17-okt	18-okt	19-okt	20-okt	21-okt
8:45					
09:45	Technical Studies	Technical Studies	Technical Studies / unsupervised	Design Strategies	Design and Prototype Studio / unsupervised
10:45	Make network of interactive objects	Make network of interactive objects		Walter Aprilie	
11:45	Intro: MaxMSP + Affective computing			Design Laws	
lunch					
13:45	Technical Studies / unsupervised	Technical Studies / unsupervised	Technical Studies	Design and Prototype Studio	Design and Prototype Studio / unsupervised
14:45			Make network of interactive objects		
15:45			Finish prototype assignment		
evening					
17:45	Technical Studies / unsupervised	Technical Studies / unsupervised	Design and Prototype Studio / unsupervised	Design and Prototype Studio / unsupervised	
18:45					
19:45					

week 43	24-okt	25-okt	26-okt	27-okt	28-okt
8:45					
09:45	Workshops	Workshops	Workshops	Design Strategies	Design and Prototype Studio / unsupervised
10:45	Make network of interactive objects	Make network of interactive objects	Prototype: network of interactive objects		
11:45	Intro: workshop				
lunch					
13:45	Workshops	Workshops	Workshops	Design and Prototype Studio	Design and Prototype Studio / unsupervised
14:45	Make network of interactive objects	Make network of interactive objects	Prototype: network of interactive objects		
15:45			Presentation: interactive objects		
evening					
17:45	Workshops / unsupervised	Workshops / unsupervised	Design and Prototype Studio / unsupervised	Design and Prototype Studio / unsupervised	
18:45					
19:45					

classes, phase I - object scale

concept review

preliminary design review

classes, phase II - networked objects

week	44	31-okt	01-nov	02-nov	03-nov	04-nov
8:45						
09:45	Technical Studies	Technical Studies	Technical Studies / unsupervised	Design Strategies	Design and Prototype Studio / unsupervised	
10:45	Digital Fabrication	Digital Fabrication				
11:45	Intro: Rhino 3D and Grasshopper + CNC					
lunch						
13:45	Technical Studies / unsupervised	Technical Studies / unsupervised	Technical Studies / unsupervised	Design and Prototype Studio	Design and Prototype Studio / unsupervised	
14:45			Digital Fabrication			
15:45			Finish prototype assignment			
evening						
17:45	Technical Studies / unsupervised	Technical Studies / unsupervised	Design and Prototype Studio / unsupervised	Design and Prototype Studio / unsupervised		
18:45						
19:45						

week	45	07-nov	08-nov	09-nov	10-nov	11-nov
8:45						
09:45	Workshops	Workshops	Workshops	Design Strategies	Design and Prototype Studio / unsupervised	
10:45	Integrating Design & Fabrication	Integrating Design & Fabrication	Integrating Design & Fabrication			
11:45	Intro: workshop Jelle Feringa					
lunch						
13:45	Workshops	Workshops	Workshops	Design and Prototype Studio	BODYcheck 3	
14:45	Integrating Design & Fabrication	Integrating Design & Fabrication	Integrating Design & Fabrication		Design and Prototype Studio	
15:45			Presentation: prototype		Final concepts	
evening						
17:45	Workshops / unsupervised	Workshops / unsupervised		Design and Prototype Studio / unsupervised		
18:45						
19:45						

week	46	14-nov	15-nov	16-nov	17-nov	18-nov
8:45						
09:45	Design Strategies / unsupervised	Design Strategies / unsupervised	Design and Prototype Studio	Design and Prototype Studio	Design and Prototype Studio / unsupervised	
10:45						
11:45						
lunch						
13:45	Design Strategies / unsupervised	Design Strategies / unsupervised	Design and Prototype Studio / unsupervised	Design and Prototype Studio / unsupervised	Design and Prototype Studio / unsupervised	
14:45						
15:45						
evening						
17:45	Design Strategies / unsupervised	Design Strategies / unsupervised	Design and Prototype Studio / unsupervised	Design and Prototype Studio / unsupervised		
18:45		Delivery Essay				
19:45						

week	47	21-nov	22-nov	23-nov	24-nov	25-nov
8:45						
09:45	Design and Prototype Studio	Design and Prototype Studio	Design and Prototype Studio	Design and Prototype Studio	Design and Prototype Studio / unsupervised	
10:45						
11:45						
lunch						
13:45	Design and Prototype Studio / unsupervised	Design and Prototype Studio / unsupervised	Design and Prototype Studio / unsupervised	Design and Prototype Studio / unsupervised	Design and Prototype Studio / unsupervised	
14:45						
15:45						
evening						
17:45	Design and Prototype Studio / unsupervised	Design and Prototype Studio / unsupervised	Design and Prototype Studio / unsupervised	Design and Prototype Studio / unsupervised		
18:45						
19:45						

week	48	28-nov	29-nov	30-nov	01-dec	02-dec
8:45						
09:45	Design and Prototype Studio	Design and Prototype Studio	Design and Prototype Studio	Design and Prototype Studio	Design and Prototype Studio / unsupervised	
10:45						
11:45				design review - rehearsal		
lunch						
13:45	Design and Prototype Studio / unsupervised	Design and Prototype Studio / unsupervised	Design and Prototype Studio / unsupervised	Design and Prototype Studio / unsupervised	BODYcheck 4	
14:45					Design and Prototype Studio	
15:45					First prototypes	
evening						
17:45	Design and Prototype Studio / unsupervised	Design and Prototype Studio / unsupervised	Design and Prototype Studio / unsupervised	Design and Prototype Studio / unsupervised		
18:45						
19:45						

week	49	05-dec	06-dec	07-dec	08-dec	09-dec
8:45						
09:45	Design and Prototype Studio	Design and Prototype Studio	Design and Prototype Studio	Design and Prototype Studio	Design and Prototype Studio	Design and Prototype Studio
10:45						
11:45						
lunch						
13:45	Design and Prototype Studio / unsupervised	Design and Prototype Studio / unsupervised	Design and Prototype Studio / unsupervised	Design and Prototype Studio / unsupervised	Design and Prototype Studio / unsupervised	Design and Prototype Studio / unsupervised
14:45						
15:45						
evening						
17:45	Design and Prototype Studio / unsupervised	Design and Prototype Studio / unsupervised	Design and Prototype Studio / unsupervised	Design and Prototype Studio / unsupervised	Design and Prototype Studio / unsupervised	
18:45						
19:45						

week	50	12-dec	13-dec	14-dec	15-dec	16-dec
8:45						
09:45	Design and Prototype Studio	Design and Prototype Studio	Design and Prototype Studio	Design and Prototype Studio	Design and Prototype Studio	Design and Prototype Studio
10:45						
11:45						
lunch						
13:45	Design and Prototype Studio / unsupervised	Design and Prototype Studio / unsupervised	Design and Prototype Studio / unsupervised	Design and Prototype Studio / unsupervised	Design and Prototype Studio / unsupervised	Design and Prototype Studio / unsupervised
14:45						
15:45						
evening						
17:45	Design and Prototype Studio / unsupervised	Design and Prototype Studio / unsupervised	Design and Prototype Studio / unsupervised	Design and Prototype Studio / unsupervised	Design and Prototype Studio / unsupervised	
18:45						
19:45						

week	51	19-dec	20-dec	21-dec	22-dec	23-dec
8:45						
09:45	Design and Prototype Studio	Design and Prototype Studio	Design and Prototype Studio	Design and Prototype Studio	Design and Prototype Studio / unsupervised	
10:45						
11:45				design review - rehearsal		
lunch						
13:45	Design and Prototype Studio / unsupervised	Design and Prototype Studio / unsupervised	Design and Prototype Studio / unsupervised	Design and Prototype Studio / unsupervised	BODYcheck 5	
14:45					Design and Prototype Studio	
15:45					Final prototypes	
evening						
17:45	Design and Prototype Studio / unsupervised	Design and Prototype Studio / unsupervised	Design and Prototype Studio / unsupervised	Design and Prototype Studio / unsupervised		
18:45						
19:45						

week	52	26-dec	27-dec	28-dec	29-dec	30-dec
8:45						
09:45	winter break	winter break	winter break	winter break	winter break	winter break
10:45						
11:45						
13:45	winter break	winter break	winter break	winter break	winter break	winter break
14:45						
15:45						
16:45						
0.739583333						
18:45						
19:45						

week	53	02-jan	03-jan	04-jan	05-jan	06-jan
8:45						
09:45	winter break	winter break	winter break	winter break	winter break	winter break
10:45						

final design review

classes, phase III - full context

preliminary prototype review

final prototype review

11:45					
0.53125					
13:45	winter break	winter break	winter break	winter break	winter break
14:45					
15:45					
16:45					
0.739583333					
18:45					
19:45					

winter break -
no classes

week 1	09-jan	10-jan	11-jan	12-jan	13-jan
8:45					
09:45	Design and Prototype Studio / unsupervised	Design and Prototype Studio / unsupervised	Workshops / unsupervised	Design and Prototype Studio / unsupervised	Design and Prototype Studio / unsupervised
10:45	Prepare for workshop	Prepare for workshop	Feedback from students minor Advanced prototyping	Redesign	Redesign implementation
11:45					
lunch					
13:45	Design and Prototype Studio	Design and Prototype Studio / unsupervised	Workshops	Design and Prototype Studio	Design and Prototype Studio / unsupervised
14:45	Presentation fine-tuning period	Prepare for workshop	Installation Tuning	Presentation redesign proposals and discussion	Redesign implementation
15:45			Analysis and discussion		
evening					
17:45	Design and Prototype Studio / unsupervised	Design and Prototype Studio / unsupervised	Workshops / unsupervised	Design and Prototype Studio / unsupervised	
18:45	Prepare for workshop	Prepare for workshop		Redesign implementation	
19:45					

week 2	16-jan	17-jan	18-jan	19-jan	20-jan
8:45					
09:45	Design and Prototype Studio / unsupervised	Workshops	Design and Prototype Studio / unsupervised	Design and Prototype Studio / unsupervised	Design and Prototype Studio / unsupervised
10:45	Redesign implementation	Installation Tuning	Redesign	Redesign implementation	Redesign implementation
11:45		Intro: workshop			
lunch					
13:45	Design and Prototype Studio / unsupervised	Workshops	Design and Prototype Studio	Design and Prototype Studio / unsupervised	Design and Prototype Studio / unsupervised
14:45	Redesign implementation	Installation Tuning	Presentation redesign proposals and discussion	Redesign implementation	Redesign implementation
15:45					
evening					
17:45	Design and Prototype Studio / unsupervised	Workshops / unsupervised	Design and Prototype Studio / unsupervised	Design and Prototype Studio / unsupervised	
18:45	Redesign implementation		Redesign implementation	Redesign implementation	
19:45					

week 3	23-jan	24-jan	25-jan	26-jan	27-jan
8:45					
09:45	Workshops	Design and Prototype Studio / unsupervised	Design and Prototype Studio / unsupervised	Design and Prototype Studio / unsupervised	BODYcheck 6
10:45	Installation Tuning	Redesign	Redesign implementation	Redesign implementation	Design and Prototype Studio
11:45	Intro: workshop				Final installations
lunch					
13:45	Workshops	Design and Prototype Studio	Design and Prototype Studio / unsupervised	Design and Prototype Studio / unsupervised	Disassembling installation
14:45	Installation Tuning	Presentation redesign proposals and discussion	Redesign implementation	Redesign implementation	
15:45					
evening					
17:45	Workshops / unsupervised	Design and Prototype Studio / unsupervised	Design and Prototype Studio / unsupervised	Design and Prototype Studio / unsupervised	
18:45		Redesign implementation	Redesign implementation	Redesign implementation	
19:45					

final
prototypes
review

week 4	30-jan	31-jan	01-feb	02-feb	03-feb
8:45					
09:45	exhibition Faculty Industrial Design Engineering	exhibition Faculty Industrial Design Engineering	exhibition Faculty Industrial Design Engineering	exhibition Faculty Industrial Design Engineering	exhibition Faculty Industrial Design Engineering
10:45	Moving + Setup				
11:45					
lunch					
13:45	exhibition Faculty Industrial Design Engineering	exhibition Faculty Industrial Design Engineering	exhibition Faculty Industrial Design Engineering	exhibition Faculty Industrial Design Engineering	exhibition Faculty Industrial Design Engineering
14:45	Moving + Setup				
15:45					
evening					
17:45					
18:45					
19:45					

exhibition

week 5	06-feb	07-feb	08-feb	09-feb	10-feb
8:45					
09:45	exhibition Science Centre Delft	exhibition Science Centre Delft	exhibition Science Centre Delft		
10:45	Moving + Setup				
11:45					
lunch					
13:45	exhibition Science Centre Delft	exhibition Science Centre Delft	Minor wrap-up		
14:45	Moving + Setup				
15:45					
evening					
17:45					
18:45					
19:45					

exhibition