

Summerschool * Infotronics *

23.08.2021 – 10.09.2021

Conception et réalisation d'un jeu électronique *Entwurf und Herstellung eines elektronischen Spiels*

L'école d'été aura principalement lieu dans la salle 23.N320.

Pour la théorie, la salle 23.N319 sera à disposition.

Pour la fabrication des PCB et les travaux de soudage, les salles 23.N219, 23.N221 et 23.N307 seront à disposition.

Die Sommerschule findet prinzipiell im Raum 23.N320 statt.

Für die Theoriestunden steht das Zimmer 23.N319 zur Verfügung.

Für die Herstellung der PCB und das Löten stehen die Zimmer 23.N219, 23.N221 und 23.N307 zur Verfügung.

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Week I	Monday	Thuesday	Wednesday	Thursday	Friday
08:10-09:45	Introduction	Hardware block diagram, choice of additional components	Schematic drawing	PCB drawing (Place and route)	Introduction to embedded software engineering I
10:05-11:40	Study of mandatory components (datasheets)	Block diagram Validation	Schematic validation	PCB drawing (Place and route)	Components ordering
12:45-14:20	Hardware block diagram, choice of additional components (Mouser only)	Altium schematic refresh, touchScreen theory	Altium PCB refresh,	PCB manufacturing presentation	Bachelor work exposition
14:40-16:15		Schematic drawing	PCB drawing (Place and route)	PCB manufacturing, test software development	
Week II	Monday	Tuesday	Wednesday	Thursday	Friday
08:10-09:45	PCB assembly presentation	PCB assembly and test	Introduction to embedded software engineering II	Software architecture validation	Software development
10:05-11:40	PCB assembly and test			PCB test and optimization	
12:45-14:20					
14:40-16:15					
Week III	Monday	Thuesday	Wednesday	Thursday	Friday
8:10-09:45	Software validation	Hardware and software integration	Test validation	Finalize Documentation	Presentations
0:05-11:40	Hardware and software integration		Testing		
2:45-14:20		Test specification		Finalize Documentation	
4:40-16:15					Project delivery