

TRAJECTSCHIJF 1		
OPLEIDINGSONDERDEEL	SP	SEM
Communication skills 1.0	3	1 & 2
<b>SEMESTER 1</b>		
Electronics	6	1
Information and Communication Technology	6	1
Embedded programming	6	1
Digital circuits	6	1
Sensors and actuators	3	1
<b>SEMESTER 2</b>		
Embedded electronics	6	2
Industrial programming	6	2
Microcontrollers	6	2
Programming algorithms	3	2
Product design	3	2
Automation protocols	3	2
Network programming	3	2
<b>TOTAAL</b>	<b>60</b>	

TRAJECTSCHIJF 2: KEUZETRACK SMART AUTOMATION		
OPLEIDINGSONDERDEEL	SP	SEM
Communication skills 2.0	3	1 & 2
<b>SEMESTER 1</b>		
Machine Learning	6	1
IoT communication interfaces	6	1
Agile Development	6	1
Robotic Vision	3	1
Advanced microelectronics	3	1
Digital Energy	3	1
C++ Object Oriented Programming	3	1
<b>SEMESTER 2</b>		
<b>Smart Automation</b>	6	2
<b>Robotic Motion</b>	6	2
<b>Project SA</b>	6	2
Advanced Signal Analysis	6	2
Real-Time operating systems	3	2
<b>TOTAAL</b>	<b>60</b>	

TRAJECTSCHIJF 2: KEUZETRACK SMART DEVICES		
OPLEIDINGSONDERDEEL	SP	SEM
Communication skills 2.0	3	1 & 2
<b>SEMESTER 1</b>		
Machine Learning	6	1
IoT communication interfaces	6	1
Agile Development	6	1
Robotic Vision	3	1
Advanced Microelectronics	3	1
Digital Energy	3	1
C++ Object Oriented Programming	3	1
<b>SEMESTER 2</b>		
<b>Smart Devices</b>	6	2
<b>GPU accelerated programming</b>	6	2
<b>Project SD</b>	6	2
Advanced Signal Analysis	6	2
Real-Time operating systems	3	2
<b>TOTAAL</b>	<b>60</b>	

TRAJECTSCHIJF 3: KEUZETRACK SMART AUTOMATION		
OPLEIDINGSONDERDEEL	SP	SEM
<b>SEMESTER 1</b>		
Design for test	3	1
Keuzemodule: Test Engineering	3	1
Cybersecurity	3	1
Digital twin technology	6	1
<b>The future of Smart Automation</b>	3	1
Operational Technology project	12	1
<b>SEMESTER 2</b>		
<b>Bachelor project SD</b>	27	2
Project X	3	2
<b>TOTAAL</b>	<b>60</b>	

TRAJECTSCHIJF 3: KEUZETRACK SMART DEVICES		
OPLEIDINGSONDERDEEL	SP	SEM
<b>SEMESTER 1</b>		
Design for test	3	1
Keuzemodule: Test Engineering	3	1
Cybersecurity	3	1
Digital twin technology	6	1
<b>The future of Smart Devices</b>	3	1
Operational Technology project	12	1
<b>SEMESTER 2</b>		
<b>Bachelor project SD</b>	27	2
Project X	3	2
<b>TOTAAL</b>	<b>60</b>	

#### AFKORTINGEN BIJ TABELLEN:

- SP: studiepunten, 1 studiepunt = 25-30 uren studietijd (contacturen, begeleide zelfstudie, zelfstudie, examen afleggen)
- SEM: semester

Tabellen onder voorbehoud van wijzigingen.

## ACADEMISCHE KALENDER (SCHEMA ONDER VOORBEHOUD VAN WIJZIGINGEN)

	SEP	OKT	NOV	DEC	JAN	FEB	MA	APR	MEI	JUN
	16 23 30	7 14 21 28	4 11 18 25	2 9 16 23 30	6 13 20 27	3 10 17 24	3 10 17 24 31	7 14 21 28	5 12 19 26	2 9 16 23 30
OJ1	Les	V	Les Ex	Les	V	Les Ex	LV	Les	V	Les Ex D V
OJ2	Les	V	Les	Les	V	Les Ex	LV	Les	V	Les Ex D V
OJ3	Les	V	Les	Les	V	Les Ex	LV	Stage en BP	V	Stage en BP P/V D V

Les = (hoorcolleges, werkzittingen,...) & werkplekieren  
Ex = Examen

V = Vakantie  
LV = Lesvrije week

D = Deliberatieweek  
P/V = Presentatie/Verdediging

OJ = Opleidingsjaar