

Elektrotechniek Major Sensor Technology

Programma	EC
Year 1	60
□ Semester 1	30
▫ ELVP22PRJ1 - Project 1	5
▫ ELVP22AE1 - Netwerkanalyse en Elektronica 1	5
▫ ELVP22APH - Toegepaste Natuurkunde	5
▫ ELVP22DE - Digitale Elektronica	5
▫ ELVP22EMP - Embedded Programmeren	5
▫ ELVP22PUY1 - Power Up Yourself 1	5
□ Semester 2	30
□ Semester 2	25
▫ ELVP22PRJ2 - Project 2	5
▫ ELVP22AE2 - Netwerkanalyse en Elektronica 2	5
▫ ELVP22AMAT - Toegepaste Wiskunde	5
▫ ELVP22PLC - PLC Programmeren	5
▫ ELVP22PUY2 - Power Up Yourself 2	5
□ Keuzevak	5
<i>keuze uit onderstaande vakken</i>	
▫ ELVP22SET - Duurzame Energietechniek	5
▫ ELVP22AMEC - Toegepaste Mechanica	5
▫ ELVP22CHE - Chemistry in Engineering	5
Year 2	60
□ Monitoring and Control	30
▫ ELVB23CSYS - Regelsystemen	15
▫ ELVB23DCDP - Datacommunicatie en Dataverwerking	15
□ Signal Processing/Robotics with noisy data	30
▫ ELVB23DSYS - Aandrijfsystemen	15
▫ ELVB23RCS - Robot Control - Sensor Technology	15
Year 3	60
□ Research and Development	30
▫ ELVH17APRS5 - Project Semester 5	8
▫ ELVH19ARE - Reliability Engineering	3
▫ ELVH17ARESS - Research Skills	2
▫ ELVB23ENT2 - Entrepreneurship 2	6
▫ ELVH20AEMB - Embedded Systems	5
▫ ELVH19ACTSP - Continuous Time Signal Processing	4
▫ ELVH17APFS5 - Professional Skills 5	2
□ Internet of things/Entrepreneurship	30
▫ ELVH17APRS6 - Project Semester 6	8
▫ ELVH17AAF - Advanced Filter	2
▫ ELVH17AMATH4 - Mathematics 4	4
▫ ELVH20AIOT - Internet of Things Fundamentals	5
▫ ELVH17ACOC - Community Contribution	2
▫ ELVH17APFS6 - Professional Skills 6	3
▫ ELVH17ACVIP - Computer Vision and Image Processing	4
▫ ELVH19AIAI - Introduction to Artificial Intelligence	2
Year 4	60
□ Electives	30
<i>vrije keuzeruimte</i>	
□ Graduation	30
▫ ELVH18AGP - Graduation Project	30