Hanze University of Applied Sciences Groningen

Electrical Engineering Major Mechatronics

Programme	EC
Year 1	60
Semester 1	*30*
ELVP22PRJ1 - Project 1	*5*
ELVP22AE1 - Circuit Analysis and Electronics 1	*5*
ELVP22APH - Applied Physics	*5*
ELVP22DE - Digital Electronics	*5*
ELVP22EMP - Embedded Programming	*5*
ELVP22PUY1 - Power Up Yourself 1	*5*
Semester 2	*30*
Semester 2	*25*
ELVP22PRJ2 - Project 2	*5*
ELVP22AE2 - Circuit Analysis and Electronics 2	*5*
ELVP22AMAT - Applied Mathematics	*5*
ELVP22PLC - PLC Programming	*5*
ELVP22PUY2 - Power Up Yourself 2	*5*
Elective	*5*
selection of following courses	
ELVP22SET - Sustainable Energy Technology	*5*
ELVP22AMEC - Applied Mechanics	*5*
ELVP22CHE - Chemistry in Engineering	*5*
Year 2	60
Control Systems	*30*
ELVH19GPRJ3 - Project Semester 3	*6*
ELVH17GOOP - Object Oriented Programming	*2*
ELVH17GWIS3 - Mathematics 3	*3*
ELVH17GREG - Control Engineering	*5*
ELVH19GDC - Data Communication	*5*
ELVH17GENT - Entrepreneurship	*1*
ELVH17GMA1 - Mechanical Transmission 1	*2*
ELVH17GPLC - PLC Systems	*4*
ELVH17GPV3 - Professional Skills 3	*2*
	30
ELVH17GPRJ4 - Project Semester 4	*6*
ELVH19GDSB - Digital Signal Processing	*5*
ELVH20GROB - Robotics	*4*
ELVH17GEA - Electrical Drive Technology	*5*
ELVH17GMAT - Materials	*4*
ELVH17GMA2 - Mechanical Transmission 2	*4*
ELVH17GENG2 - English 2	*2*
Year 3	90
Internship	*30*
ELVH19GPV4 - Professional Skills 4	*2*
ELVH19GSTG - Internship	*28*
Electives Electrical Engineering	*60*
electives	
Year 4	30
Graduation Project	*30*
ELVH20GAF - Graduation Project	*30*

share your talent. move the world.

Although every effort has been taken to ensure the accuracy of the information in the ECTS Course Catalogue, we cannot guarantee that the content and the information contained in it is always up-to-date, complete or true. Accordingly, no rights can be derived from the contents of the catalogue.