Electrical Engineering Major Sensors & Smart Systems

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*
ELVP25SPA - Sensor Principles and Applications	*5*
Year 2	60
Monitoring and Control	*30*
ELVB24DSYS - Drive systems	*15*
ELVB25CSYS - Control systems	*15*
Signal Processing/Robotics with noisy data	*30*
ELVB25DCDP - Data Communication and Data Processing	*15*
ELVB25ROB - Robotics	*15*
Year 3 Electrical Engineering major Sensor Technology	30
Internship	*30*
ELVB24STG - Internship	*30*
Year 4	90
Electives	*60*
electives	
Graduation	*30*
ELVB24GRAD - Graduation Project	*30*

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