

Study Plan Bachelor of Engineering Program in Automation Robotics and Intelligent System Engineering

For students who choose to study Cooperative Education course in the first semester in the 4th year.

1 st semester	LI 101 001 (3) English I	GE 151 144 (3) Multicultural	EN 001 100 (3) Learning Skill	SC 501 005 Physics I (3)	SC 501003 Physics I (1) lab	EN 001 202 (3) Drawing		EN 051 001 (3) Maths	19 Cr
2 nd semester	LI 101 002 (3) English II	EN 051 004 (3) Program	EN 051 301 (1) Int. to Process	EN 051 003 (3) Mechanics	EN 051 002 (3) Adv. Maths	SC 501 004/006 Physics II (1+3)			17 Cr
3 rd semester	LI 102 003 (3) English III	GE 362 785 (3) Creative	EN 052 007 (3) Elec. Circuits	EN 052 401 (1) Project I	EN 412 500 (3) Manufac.	EN 052 101 (3) Int. to Robot	EN 052 006 (3) Cost Analysis		19 Cr
4 th semester	LI 102 004 (3) English IV	EN 052 005 (3) Int. to Prob.	EN 052 008 (3) Digi. Circuits	EN 052 402 (1) Project II	EN 052 201 (3) CAD - CAM	EN 052 102 (3) Robot Design	EN 052 103 (3) Mechatronics		19 Cr
5 th semester	EN 002 101 (3) Spirit	EN 053 701 (1) Seminar	EN 053 104 (3) Robot	EN 053 403 (1) Project III	EN 053 203 (3) Logic Control	EN 053 302 (3) Machine	EN 053 009 (3) Basic Control	EN 053 202 (3) Sensors	20 Cr
6 th semester	EN 003 102 (3) Work Prepare	GE 142 145 (3) Leadership	EN 053 105 (3) Software Dev.	EN 053 404 (1) Project IV	EN 053 303 (3) Embedded	EN xxx xxx (3) Elective	EN 053 204 (3) Hydraulics		19 Cr
7 th semester	EN 054 702 (6) Cooperative								6 Cr
8 th semester	EN xxx xxx (3) Elective	EN xxx xxx (3) Elective	EN xxx xxx (3) Elective	Free Elective (3)	Free Elective (3)				15 Cr

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