

Bachelor of Science in Automation & Robotics Engineering Technology

Suggested 4-yr Course Sequence 120 credits

Year 1			
Fall	Credits	Spring	Credits
[] AENG 241 Drafting Comm.	4	[] AENG 262 Semiconductor Electr.	4
[] AENG 161 Electronic Systems	4	[] OSEH 120 Occ. Safety & Env. Hlth.	3
[] ENG 110 English Composition	3	[] MATH 130 or Prerequisite	3
[] FYEX 100 First-Year Experience	3	[] COMM 100 Oral Communication	3
[] (<i>Take CHEM placement test</i>)	-	[] GEN ED: Gateway Course	3
Total	14	Total	16

Year 2			
Fall	Credits	Spring	Credits
[] AENG 130 Materials & Processes	4	[] AENG 365 Prog. Logic Control. 1	4
[] AENG 325 Power Conv. & Control	4	[] AENG 342 Solid Model & 3D	4
[] AENG 225 Industrial Robotics 1	4	[] GEN ED: Gateway Course	3
[] MATH 151/161 Calculus (<i>pick one</i>)	4	[] CSCI 151/161 Intro. to Prog. 1	4
Total	15	Total	16

Year 3			
Fall	Credits	Spring	Credits
[] AENG 425 Industrial Robotics 2	4	[] AENG 300+ Elective / Internship	4
[] CHEM 111 Intro to Chemistry	4	[] AENG 326 Fluid Power	4
[] PHYS 131/231 Physics 1 (<i>pick one</i>)	5	[] AENG 427 Prog. Logic Control. 2	4
[] GEN ED: Gateway Course	3	[] Free Elective (<i>optional minor*</i>)	3
Total	16	Total	15

Year 4			
Fall	Credits	Spring	Credits
[] AENG 468 Control Net. Integration	4	[] AENG 470 Senior Seminar	1
[] AENG 494 Total Quality Mngt	4	[] AENG 467 Mobile Robotics	4
[] WRIT 312/316/319 (<i>pick one</i>)	3	[] GEN ED: Keystone Course	3
[] Free Elective (<i>optional minor*</i>)	3	[] Free Elective (<i>optional minor*</i>)	3
Total	14	[] Free Elective (<i>optional minor*</i>)	3
		Total	14

**Minor requirements vary, consult with your Advisor*