



Engineering Accreditation Commission

COURSES

1 st semester	2 nd semester	3 rd semester	4 th semester	5 th semester	6 th semester	7 th semester	8 th semester	9 th semester
Differential Calculus 6c	Integral Calculus 7c	Differential Equations 7c	Integral Transforms 6c	Fluid Mechanics 6c	Hydropneumatic Systems 6c	Analog Electronics 6c	Automation 9c	Technological Innovation 6c
Chemistry 7c	Probability and Statistics 7c	Multivariate Calculus 9c	Electricity and Magnetism 7c	Measurement and Instrumentation 6c	Microelectromechanical Systems (MEMS) 6c	Digital Circuits I 6c	Digital Control 6c	Power Electronics 6c
Higher Mathematics 7c	Statics 9c	Dynamics 9c	Thermodynamics 8c	Mechanical Component Design 6c	Fundamentals of Semiconductors 6c	Control Theory 9c	Practicum I Design Methodology 9c	Industrial Robotics 6c
Computer-Aided Design 6c	Linear Algebra 7c	Mechanics of Materials 6c	Mechanisms Design 6c	Electrical Circuits II 6c	Social Responsibility and Sustainability 6c	Electrical Machines 6c	Professional Elective II 6c	Entrepreneurship and Innovation 6c
Algorithms and Programming 6c	Electrical Circuits I 6c	Manufacturing Processes 6c	Programming Structured with Microcontrollers 6c	Dynamics in Mechatronic Systems 6c	Computer-Aided Manufacturing 6c	Digital Signal Processing 6c	Professional Elective III 6c	Embedded Systems 9c
Workshop or Activity I 3c	Materials Engineering 6c	Person and Meaning of Life 6c	Workshop or Activity II 3c	General Elective I 6c	Classical and Contemporary Humanism 9c	Professional Elective I 6c	Workshop or Activity III 3c	Practicum II Design Projects 9c
Being University Student 6c			Ethics 9c	Person and Transcendence 6c		General Elective II 6c	Leadership 6c	Professional Elective IV 6c

C= Credits

304 Professional Block credits + 42 Anáhuac Block credits + 45 Elective Block credits = 391 total credits

*This reference plan is a suggestion of the order in which you can take the subjects; however, you can make the necessary adjustments to best fit your study plans. In its design, the faculty considered the complexity and progression of the subjects' contents.