

INDUSTRIAL MANUFACTURING TECHNOLOGY CERTIFICATE

INDUSTRIAL ELECTRONICS AND CONTROLS

Required Technical Courses

**30 Sem.
Hours**

ELET	179	Electronic Principles	3
* ELET	182	Devices and Circuits I	3
* ELET	183	Devices and Circuits II	3
* ELET	290	Sensors and Interfacing	4
* ELET	295	Programmable Logic Controllers	4
* INFT	180	Introduction to Information Systems	3
* MTEC	210	Fluid Power Systems I	3
* MTEC	220	Motors and Controls	3
* MTEC	290	Automation Seminar	4

Required Related Courses

**6/7 Sem.
Hours**

* BUSN	141	Management Communications	
	- or -		
* COMM	101	Technical Communications	3
	- or -		
* ENGL	121	Rhetoric and Composition I	
* MATH	111	Technical Mathematics I	
	- or -		3/4
* MATH	166	College Algebra	

Total Hours =

36/37

* Course has a prerequisite. See course descriptions.

† Some technical courses have a limited lifespan in which they can be applied to a certificate or degree program. Please check with your academic advisor about applying older courses to this plan.