



Northwest Technical Institute
rethink education

Electronics Technology Curriculum

The following courses must be completed satisfactorily (Requires an A, B, or C) to receive a diploma in Electronics Technology:

Course Number	Course Name	Clock Hours	Credit Hours	FA hours
COM1203	Technical Communications II	48	3	1.28
COM1303	Technical Writing	48	3	1.28
ELT1104	DC/AC Fundamentals	96	4	2.56
ELT1204	Digital Electronics	96	4	2.56
ELT1314	Intro to Robotics/ Automation	96	4	2.56
ELT1503	Computer Essential for Electronics Techs	80	3	2.13
ELT2304	Solid State Devices	96	4	2.56
ELT2204	Process Control	96	4	2.56
ELT2404	Motors for the Electronics Technicians	96	4	2.56
ELT3314	Programmable Logic Controllers	120	4	3.2
ELT3513/ELT4003	Manufacturing Process Labor Internship	75 or 160	3 or 3	2.0 or 4.26
MTH1103	Technical Mathematics I	48	3	1.28
MTH1203	Technical Mathematics II	48	3	1.28
	Total Hours	1043-1128	46	27.81 – 30.07

Suggested Schedule

Semester I

COM1303 Technical Writing
ELT1104 DC/AC Fundamentals
ELT1204 Digital Electronics
ELT2304 Solid State Devices
ELT1503 Computer Essential for Electronics Techs
MTH1103 Technical Mathematics I

Semester II

ELT1314 Intro to Robotics/Automation
ELT2204 Process Control
ELT3314 Programmable Controllers
ELT2404 Motors for the Electronics Techs
MTH1203 Technical Mathematics II

Summer

COM1203 Technical Communications II
ELT3513 Manufacturing Process Or ELT4003 Labor Internship

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