



**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
COM1103	Technical Communications I	48	3	1.28
COM1203	Technical Communications II	50	3	1.33
ELT1104	DC/AC Fundamentals	96	4	2.56
ELT1204	Digital Electronics	96	4	2.56
ELT1314	Intro to Robotics/ Automation	108	4	2.88
ELT1503	Computer Essentials for Electronic Techs	80	3	2.13
ELT2304	Solid State Devices	96	4	2.56
ELT2204	Process Control	96	4	2.56
ELT2404	Motors for Electronic Technicians	108	4	2.88
ELT3314	Programmable Logic Controllers	96	4	2.56
ELT3513	Manufacturing Processes	75	3	2.00
MTH1103	ET Technical Mathematics I	48	3	1.28
MTH2103	ET Technical Mathematics II	48	3	1.28
	Total Hours	1,045	46	27.86

***Suggested Schedule***

**Semester I**

COM1103 Technical Communications I  
ELT1104 DC/AC Fundamentals  
ELT1204 Digital Electronics  
ELT2304 Solid State Devices  
ELT1503 Computer Essentials for Electronic Techs  
MTH1103 ET Technical Mathematics I

**Semester II**

ELT1314 Intro to Robotics/Automation  
ELT2204 Process Control  
ELT3314 Programmable Logic Controllers  
ELT2404 Motors for Electronic Technicians  
MTH2103 ET Technical Mathematics II

**Summer**

COM1203 Technical Communications II  
ELT3513 Manufacturing Processes