

**Thaddeus Stevens College of Technology**  
**Electronics Technology Associate Degree Program**  
**Major Sheet - Starting with Class of 2009**

The student should use this sheet throughout their time at Stevens to chart their courses and progress in the Electronics Technology major. Every required and elective course is listed along with any prerequisites and co-requisites. This should assure that the students meet all of the requirements for a degree upon successful completion of the program.

First Semester - Freshman Year

Course #	Description	CoR.	PreReq.	Credits	Sem./Yr.	Gr.
ETRN107	DC Circuits	111	None	3 credits	_____	_____
ETRN111	DC Circuits Lab.	107	None	3 credits	_____	_____
ETRN117	AC Circuits	121	107,111	3 credits	_____	_____
ETRN121	AC Circuits Lab.	117	107,111	3 credits	_____	_____

Second Semester – Freshman Year

Course #	Description	CoR.	PreReq.	Credits	Sem./Yr.	Gr.
ETRN156	Solid State Devices I	161	117,121	3 credits	_____	_____
ETRN161	Solid State Devices I Laboratory	156	117,121	3 credits	_____	_____
ETRN166	Solid State Devices II	171	156,161	3 credits	_____	_____
ETRN171	Solid State Devices II Laboratory	166	156,161	3 credits	_____	_____

First Semester – Sophomore Year

Course #	Description	PreReq.	Credits	Sem./Yr.	Gr.
ETRN207	Combinational Digital Logic (w/Lab)	107,111	4 credits	_____	_____
ETRN212	Sequential Digital Logic (w/Lab)	207	4 credits	_____	_____
ETRN217	Microprocessors/ Microcontrollers (w/Lab)	212	4 credits	_____	_____
ETRN226	Troubleshooting Techniques	156,161,166, 171	1 credit	_____	_____

Second Semester – Sophomore Year

Course #	Description	PreReq.	Credits	Sem./Yr.	Gr.
ETRN221	Interfacing and Programming Microprocessors (w/Lab)	217	3 credits	_____	_____
ETRN257	Automation and Control Systems with PLCs (w/Lab)	117,121,156, 161,166,171	3 credits	_____	_____
ETRN266	Transducers and Control Systems (w/Lab)	257	3 credits	_____	_____
ETRN271	Industrial Telecomm. and Motion Control (w/Lab)	266	3 credits	_____	_____
ETRN276	Introduction to Visual Programming with LabVIEW	207,212,217	1 credit	_____	_____