

**PROGRAM: AAS ELECTRICAL TECHNOLOGY- REVISIONS PENDING**

**Division: Mathematics, Engineering and Physical Sciences**

**TECH-129 (914) 606-6788**

Curriculum  
Code: 0385  
64-66 Credits

**Curriculum Chair**

Professor Murray Haims

TECH-137B

Telephone: (914) 606-6274

Reviewed By: \_\_\_\_\_

Date: \_\_\_\_\_

Approved By Chairperson/Dean: \_\_\_\_\_

Course #	SEMESTER 1	Credits	✓
<i>ENG 101</i>	<i>Composition &amp; Literature 1</i>	3	
<i>MATH 110A</i>	<i>College Algebra with Trigonometry</i>	4	
ELEC 128	Electrical Circuits	3	
CIVIL 103	Introduction to Technology	3	
ELEC 129	Digital Logic 1	3	

Course #	SEMESTER 2	Credits	✓
<i>ENG 102</i>	<i>Composition &amp; Literature 2</i>	3	
<i>MATH 115</i>	<i>Pre Calculus</i>	4	
ELEC 137	Alternating Current and Non-Sine Waves	3	
ELEC 160	Electronics	3	
<i>PHYSIC</i>	<i>Physics(any)</i>	4	

Course #	SEMESTER 3	Credits	✓
ELEC 204	Electrical Machinery	4	
ELEC 239	Analog Circuits	3	
ELEC 218	Introduction To Microprocessors	3	
	Technical Elective #-	3/4	
	<i>Behavioral, Social Science or Humanities-</i>	3	
	<i>PE (sport)-</i>	1	

Course #	SEMESTER 4	Credits	✓
ELEC 282	Electronic Communication	3	
	<i>Science With/Without Lab</i>	3/4	
	Technical Elective #-	3/4	
	Technical Elective #-	3	
	<i>Behavioral, Social Science or Humanities-</i>	3	
	<i>PE (fitness)-</i>	1	

***Bold italic items are Core Requirements.***

**NOTES:**

Or an approved substitute allowed by the Chairperson

# Requires Chairpersons Approval

All students should take Introduction to Technology in the first semester.

**# Technical Electives Fall**

ELEC 227 Electrical Systems Analysis

ELEC 240 Advanced Electronic Circuits

ELEC 208 Computer Systems

ELEC 224Telecom (Data Communications)

**# Technical Electives Spring**

ELEC 255 Circuits for Engineers

ELEC 228 Energy Conversion & Power

ELEC 226 Pulse Timing Logic

ELEC 256 Electronic Logic Algebra & Arithmetic