

# PROGRAM: AAS TELECOMMUNICATION TECHNOLOGY

Division: Mathematics, Engineering and Physical Sciences  
TECH-129 (914) 606-6788

Curriculum  
Code: 0386  
64 Credits

### Curriculum Chair

Professor Murray Haims  
TECH-138B  
Telephone: (914) 606-6274

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

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

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

Course #	SEMESTER 1	Credits	✓
<b>ENG 101</b>	<b>Composition &amp; Literature 1</b>	3	
<b>MATH 135</b>	<b>College Algebra with Trigonometry</b>	4	
CIVIL 103	Introduction to Technology	3	
ELEC 128	Electrical Circuits	3	
ELEC 129	Digital Logic	3	

Course #	SEMESTER 2	Credits	✓
<b>ENG 102</b>	<b>Composition &amp; Literature 2</b>	3	
<b>MATH 165</b>	<b>Technical Mathematics with Calculus</b>	4	
ELEC 138	Introduction to Telecommunication	4	
ELEC 226	Computer Applications (or CAD course)	2-3	
ELEC 137	Alternating Current and Non-Sine Waves	3	
	<b>PE (fitness)-</b> _____	<b>1</b>	

Course #	SEMESTER 3	Credits	✓
ELEC 136	Data Telecommunications	4	
ELEC 208	Computer Systems for Telecommunications	3	
	Technical Elective- _____	3	
	<b>Science and Lab-</b> _____	<b>4</b>	
	<b>Behavioral, Social Science or Humanities<sup>1</sup></b> _____	<b>3</b>	

Course #	SEMESTER 4	Credits	✓
ELEC 224	Network Telecommunications	4	
ELEC 262	Telecommunications Lab	1	
	Technical Elective- _____	3	
	Technical Elective- _____	3	
	<b>Behavioral, Social Science or Humanities<sup>1</sup></b> _____	<b>3</b>	
	<b>PE (sport)-</b> _____	<b>1</b>	

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

**NOTES:**

Recommended Technical Electives

- ELEC 135 Voice Telecommunications 4cr.
- ELEC 226 Pulse and Timing Logic 3cr.
- ELEC 239 Analog Amplifiers 3cr.
- ELEC 261 Computer Diagnostics 3cr.
- ELEC 264 Emerging Technologies 4cr.
- ELEC 282 Electronic Communications 3cr.

- **Behavioral Science** courses include Sociology, Psychology, Anthropology and Geography. General Psychology is the prerequisite for all upper level psychology courses.
- **Social Science** courses include History, Political Science, Economics and Geography.
- **Humanities** courses include Art, Dance, Drama, Music, Foreign Language, Film, Philosophy, Theater and Photography courses at ARTWS.

<sup>1</sup> Behavioral, Social Science or Humanities Elective - Choose a 3-credit course from 2 areas for a total of 6 credits.