

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

Course #	SEMESTER 2	Credits	✓
<i>ENG 102</i>	<i>Composition & Literature 2</i>	3	
<i>MATH 115A</i>	<i>Technical Mathematics with Calculus</i>	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	
	<i>PE (fitness)-</i>	<i>1</i>	

Course #	SEMESTER 3	Credits	✓
ELEC 136	Data Telecommunications	4	
ELEC 208	Computer Systems for Telecommunications	3	
	Technical Elective- _____	3	
	<i>Science and Lab-</i>	<i>4</i>	
	<i>Behavioral, Social Science or Humanities¹</i>	<i>3</i>	

Course #	SEMESTER 4	Credits	✓
ELEC 224	Network Telecommunications	4	
ELEC 262	Telecommunications Lab	1	
	Technical Elective- _____	3	
	Technical Elective- _____	3	
	<i>Behavioral, Social Science or Humanities¹</i>	<i>3</i>	
	<i>PE (sport)-</i>	<i>1</i>	

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.

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