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

Curriculum Code: 0388
64 Credits

Curriculum Chair
Professor William Widulski
TECH-101A
Telephone: (914) 606-6235

Reviewed By:_____
Date:_____
Approved By Chairperson/Dean:
_____

Course #	SEMESTER 1	Credits	✓
ENG 101	*Composition & Literature 1*	*3*	
MATH 140 or MATH 178 or MATH 160	*Mathematics, (Statistics Mathematics or Discrete Mathematics or Finite Mathematics recommended)*	*3*	
COMSC 101	Computer Programming I	3	
COMSC 118	Networking I	4	
	Behavioral, Social Science or Humanities-_____	*3*	

Course #	SEMESTER 2	Credits	✓
ENG 102	*Composition & Literature 2*	*3*	
PHYSC 101	*Tech Physics I & Tech Physics I lab recommended or Any Biology, Chemistry or Physics*	*3-4*	
COMSC 124	Networking II	4	
COMSC 105	Computer Architecture I	3	
	COMSC or ELEC Elective-_____	3	
	PE (fitness)-_____	*1*	

Course #	SEMESTER 3	Credits	✓
COMSC 128	Networking III	4	
COMSC 116	Unix OS	3	
	Mathematic or Science -_____	*3-4*	
	Liberal Arts-_____	*3*	
	COMSC or ELEC Elective-_____	3	

Course #	SEMESTER 4	Credits	✓
COMSC 132	Networking IV	4	
COMSC 134	Network Administration	3	
	COMSC or ELEC Elective-_____	3	
	Behavioral, Social Science or Humanities-_____	*3*	
	PE(Sport) -_____	*1*	

Bold italic items are Core Requirements.

NOTES:
Prerequisite: students must possess college-level mathematics and reading skills as demonstrated by Placement Test scores indicating readiness for Analytical Reading and college level mathematics, or by previous college-level mathematics and English courses.
Math 116 and Math 117 do not fulfill either the Math or Math/Science requirement.

Select Concentration Electives from Computer Science:
COMSC 106 IT Essential 1   COMSC 108 VB GUI Development   COMSC 110 Computer Programming II
COMSC 119 Assembler Programming   COMSC 120 Internship in Computer Science   COMSC 121 IT Essentials 2 (NO preregs)
COMSC 122 Web Programming for CS   COMSC 123 Home Technology Integration   COMSC 125 Computer Architecture II COMSC 130 Voice Over IP
COMSC 136 Adv. Routing Config   COMSC 138 Remote Access (Requires Networking 4) COMSC 142 Network Sercuity
COMSC 145 Computer Forensics   COMSC 201 Data Structure   COMSC 202 Operating Systems Concepts
COMSC 207 Java for Compsci

Electrical Technology:
ELEC 208 Computer Systems for Telecommunication   ELEC 128 Electrical Circuits   ELEC 140 Voice/Data Cabling Basics (No Prereg)
ELEC 208 Computer Systems for Telecommunications   ELEC 261 Computer Diagnostics

CIS:
 DP 210: Internet Technologies may be taken for elective credit.
Social Science courses include History, Political Science, Economics and Geography.
Behavioral Science courses include Sociology, Psychology, Anthropology and Geography. General Psychology is the prerequisite for all upper level psychology courses.
Humanities courses include Art, Dance, Drama, Music, Foreign Language, Film, Philosophy, Theater and Photography at ARTWS.