Engineering & Industrial Technology Pathway:
Computer Systems Networking CTE Program 11.0901

CIP 11.0901	Grade 9	Grade 10	Grade 11	Grade 12
	Exploratory Courses	**Introductory Courses**	**Career & Technical Education Courses**	
Technical Courses **Grades 11-12** 6.0 credits 720 hours	Computer Systems Networking Exploration (.25)	**Introduction to Computer Systems Networking (.5)** **EET 124 Engineering, Technology & Society (.5)**	**Computer Systems Networking 1 (3)**	**Computer Systems Networking 2 (3) EET 145**
Academic Courses				
English	English 9 or Honors 1	English 10 or Honors 2	English 11 or College Prep or Honors 3	ENGL111/Technical Communication or AP English
Mathematics	Algebra, Academic Algebra 1 or Geometry Honors	Algebra 2, Academic Geometry or Honors Algebra 2	Trig/Pre-Calc Honors or Statistics or SAT Math	Unified Algebra & Trig or Calculus
Science	Environmental Science 1 & Earth & Space or Biology 9	Biology or Chemistry	Physics	**CHEM 100** or Environmental & Astronomy
Social Studies	US History	World History	American Government Economics	
Required Courses	Comp. Applications (.5) Health 9 (.5) Physical Education (.5)	Physical Education (.5)	Personal Finance (.5) Physical Education (.5)	Physical Education (.5)
Recommended Electives	+2.25 credits	+2.5 credits	N/A	**Business Communications (0.5)** +1.0 credits
Articulation Agreement Credit Opportunities			**Advanced Placement Credits**	**Dual Enrollment Credits**
Bucks County Community College (12.0) Butler County Community College (10.0) Community College of Allegheny County (9.0) Community College of Beaver County (10.0) Delaware County Community College (9.0) Harrisburg Area Community College (13.0) Johnson College (10.0) Northampton County Area Community College (10.0) Thaddeus Stevens College of Technology (9.0) Westmoreland County Community College (9.0)			AP Calculus AP Chemistry AP European History AP English AP Environmental Science AP Statistics AP US History	**EET124** **EET145** MATH123 ENGL111 CHEM100

Scheduling Notes:
Do not schedule Financial Algebra for Business Applications

Work-Based Learning Programs	
	Cooperative Education (4.0)
CTE Experience/Internship (4.0)	CTE Experience/Internship (4.0)
CTE Industry Credentials & Certifications	
CompTIA A+ (Plus)	CompTIA Network+ (Plus)
Grade 11	**Grade 12**