

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

This is a two-year program starting in Grade 11

CIP 11.0901	Grade 9	Grade 10	Grade 11	Grade 12
	<b>Exploratory Courses</b>	<b>Introductory Courses</b>	<b>Career &amp; Technical Education Courses</b>	
<b>Technical Courses</b>  <b>Grades 11-12</b>  6.0 credits 720 hours	<b>Computer Systems Networking Exploration (.25)</b>	<b>Introduction to Computer Systems Networking (.5)</b>	<b>Computer Systems Networking 1 (3)</b>	<b>Computer Systems Networking 2 (3)</b> <i>EET 124/145</i>
<b>Academic Courses</b>				
<b>English</b>	English 9 Honors English 1	English 10 Honors English 2 Academic English 2	English 11 English 11 College Prep Honors English 3 (Pre-AP Lit)	Technical Communication ENL111 English Composition
<b>Mathematics</b>	Academic Algebra Geometry Honors	Academic Algebra 2 Algebra 2 Honors Academic Geometry	PC Honors AP Statistics Pre-Calculus	Pre-Calculus MATH 123/Intro to Stats
<b>Science</b>	Earth & Space Science Intro to Envio Science Honors Biology	Biology Chemistry	Physics	CHM 100
<b>Social Studies</b>	US History US History 1 19 <sup>th</sup> Century Honors	World History US History 2 20 <sup>th</sup> Century Honors	Civics & Government + Economics	<i>Social Studies Elective</i>
<b>Required Courses</b>	Comp. Applications (.5) Health 9 (.5) Physical Education (.5)	Physical Education (.5)	Personal Finance (.5) Physical Education (.5)	Physical Education (.5)
<b>Recommended Electives</b>	+2.25 credits	+ 3.0 credits	N/A	<b>Business Communications (0.5)</b> +1.0 credits
<b>Articulation Agreement Credit Opportunities</b>			<b>Advanced Placement Credits</b>	<b>Dual Enrollment Credits</b>
12.0 credits @ Bucks County Community College – Newtown, PA 10.0 credits @ Butler County Community College – Butler, PA 9.0 credits @ Community College of Allegheny County – Pittsburgh, PA 10.0 credits @ Community College of Beaver County – Monaca, PA 11.0 credits @ Community College of Philadelphia – Philadelphia, PA 9.0 credits @ Delaware County Community College – Media, PA 13.0 credits @ Harrisburg Area Community College – Harrisburg, PA 10.0 credits @ Johnson College – Scranton, PA 9.0 credits @ Luzerne County Community College – Nanticoke, PA 10.0 credits @ Northampton County Community College – Bethlehem, PA 9.0 credits @ Thaddeus Stevens College of Technology – Lancaster, PA 9.0 credits @ Westmoreland County Community College – Youngwood, PA			AP English AP Calculus & Statistics AP Chemistry & Envi Sci AP US & European History AP Seminar & Research	<b>EET124</b> <b>EET145</b>  MATH123 ENGL111 CHEM100
<b>Scheduling Notes:</b> Do not schedule Financial Algebra for Business Applications   			<b>Work-Based Learning Programs</b>	
			Cooperative Education (4.0)	
			CTE Experience/Internship (4.0)	
			<b>CTE Industry Credentials &amp; Certifications</b>	
			OSHA 10-Hour General Industry	
			CCST Certifications	
			CompTIA A+ (Plus)	
<b>Grade 11</b>				
<b>Grade 12</b>				