



# Pathways Guide

Jersey Shore Area Senior High School  
2026-2027

**Arts & Communications**  
**Business, Finance & Information Technology**  
**Engineering & Industrial Technology**  
**Health & Science Technology**  
**Human Services**

# Arts and Communications Pathway

This pathway is designed to cultivate students' awareness, interpretation, application and production of visual, verbal and written work.

## Pathway Focus Areas

\*Communication Technology (CT)  
\*Performing Arts (PA)

\*Music Industry (MI)  
\*Visual Arts (VA)

### Are you interested in...

Acting  
Attending concerts  
Decorating  
Fashion  
Interviewing and reviewing  
Multi-media  
News reporting and writing  
Performing in a band, chorus  
Radio, TV, Film, Video

### Can you...

Act  
Be creative  
Draw  
Meet deadlines  
Paint  
Sculpt  
Sing  
Play an instrument  
Write and conduct interviews  
Write

### Do you enjoy...

Developing creative solutions  
Making videos  
Performing in front of a live audience  
Seeking creative ideas  
Working with sound effects  
Working with computers  
Working with film props  
Working with illustrations

If you answered "yes" to most of these questions, you might consider a future in one of the same occupations listed below based on their level of post-secondary training.

## Sample Careers

### Entry (OJT)

Circulation (CT)  
Copy Person (CT)  
Desktop Publisher (CT)  
Film Loader (VA)  
Floral Designer (VA)  
Florist (VA)  
Model (PA)  
Newsroom Worker (CT)  
Projectionist (VA)  
Radio Operator (MI)  
Set Designer (PA)  
Sound Technician (MI)  
Stage Hand (PA)  
Stunt Performer (PA)

### Technical/Skilled (1-3 yrs)

Actor (PA)  
Animator (VA)  
Artist (VA)  
Billboard and Sign Artist (CT)  
Book Illustrator (CT)  
Broadcast Technician (VA)  
Camera Technician (VA)  
Choreographer (PA)  
Computer Graphic Artist (VA, CT)  
Dancer (PA)  
Disc jockey (PA)  
Designer / Stylist (VA)  
Make-up Artist (VA)  
Musician (PA, MI)  
Photographer (VA)  
Recording Engineer (MI)  
Talent Agent (PA)  
Video Manager (VA)  
Web Designer (CT)

### Professional (4 +yrs)

Advertising Creator (VA)  
Art Director (VA)  
Art or Music Teacher (CT)  
Art Historian (VA)  
Art Restorer (VA)  
Cinematographer (PA)  
Composer (PA)  
Copy Writer (CT)  
Curator (VA)  
Film Editor (CT)  
Illustrator (VA)  
Industrial Designer (VA)  
Music Critic (MI)  
Music Director (PA)  
News Broadcaster (CT)  
Telecommunications (CT)  
Writer (CT)

Check out Occupational Outlook Handbook – [www.bls.gov/OCO/](http://www.bls.gov/OCO/) or check your Choices profile

**Holland Codes for Arts & Comm.**

**Artistic**

**Realistic**

# Arts & Communications Pathway Map

## Communications & Digital Media CTE Program 10.9999

This is a two-year program starting in Grade 11

CIP 10.9999	Grade 9	Grade 10	Grade 11	Grade 12
	Exploratory Courses	Introductory Courses	<b>Career &amp; Technical Education Courses</b>	
<b>Technical Courses</b>  Grades 11-12  6.0 credits 720 hours	<b>Multimedia Design (.5)</b>	<b>Introduction to Communications &amp; Digital Media (.5)</b>	<b>Communications &amp; Digital Media 1 (3.0)</b>	<b>Communications &amp; Digital Media 2 (3.0)</b>
<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>	Algebra Academic Algebra Geometry Honors	Algebra 2 Academic Algebra 2 Algebra 2 Honors	Geometry Academic Geometry PC Honors AP Statistics	<i>Math Elective</i> Pre-Calculus MATH 123/Intro to Stats
<b>Science</b>	Earth & Space Science Intro to Envio Science Honors Biology	Biology Chemistry	Chemistry Physics	Physics or Science Electives
<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>	Computer Applications (.5) Health 9 (.5) Physical Education (.5)	Physical Education (.5)	Personal Finance (.5) Physical Education (.5)	Physical Education (.5)
<b>Recommended Electives</b>	<b>Learn to Draw (.5)</b> +1.5 credit	<b>Commercial Art (.5)</b> +2.5 credits	<b>N/A</b>	<b>BWM 150 Web Page Development (.5)</b>
<b>Articulation Agreement Credit Opportunities</b>			<b>Advanced Placement Credits</b>	<b>Dual Enrollment Credits</b>
9.0 credits @ Harrisburg Area Community College (HACC) – Harrisburg, PA 10.0 credits @ Luzerne County Community College – Nanticoke, PA 9.0 credits @ Montgomery County Community College – Blue Bell, PA 9.0-11.0 credits @ Pennsylvania Highlands Community College – Johnstown, PA 12.0 credits @ Westmoreland County Community College – Youngwood, PA			AP English AP Calculus & Statistics AP Chemistry & Envi Sci AP US & European History AP Seminar & Research	<b>BWM 105</b> MTH123 ENL111 CHM100
<b>Scheduling Notes:</b>            			<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 Safety	
<b>Grade 11</b>		<b>Grade 12</b>		

# Arts & Communications: Arts Industry Pathway Map

	Grade 9	Grade 10	Grade 11	Grade 12
<b>Pathway Courses</b>				
<b>Pathway Courses Grades 9-12</b>	Introduction to Art (.5)	Art & Design (.5)	Fiber Crafts (.5)	Sculpture (.5)
	Commercial Art (.5)	Pottery 1 (.5)	Pottery 2 (.5)	Pottery 3 (.5)
	Learn to Draw (.5)	Advanced Art (.5)	Learn to Paint (.5)	Mixed Media (.5)
			Stage & Set Design (.5)	Glass Crafts (5)
<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>	Algebra Academic Algebra Geometry Honors	Algebra 2 Academic Algebra 2 Algebra 2 Honors	Geometry Academic Geometry PC Honors AP Statistics	Financial Algebra Pre-Calculus MATH 123/Intro to Stats
<b>Science</b>	Earth & Space Science Intro to Envio Science Honors Biology	Biology Chemistry	Chemistry Physics	Physics or Science Electives
<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>	Health 9 (.5) Physical Education (.5)	Physical Education (.5)	Personal Finance (.5) Physical Education (.5)	Physical Education (.5)
<b>Electives</b>	+1.0 credit	+1.0 credits	+1.0 credit	+1.5 credits
<b>Scheduling Notes:</b>			<b>Advanced Placement Credits</b>	<b>Dual Enrollment Credits</b>
			AP English AP Calculus & Statistics AP Chemistry & Envi Sci AP US & European History AP Seminar & Research	MTH123 ENG111 CHM100
			<b>Work-Based Learning Programs</b>	
			Diversified Occupations (4.0)	
			<b>Grade 11</b>	<b>Grade 12</b>

# Business, Finance and Information Technology Pathway

This pathway is designed to prepare students in the world of business, finance and information services.

## Pathway Focus Areas

**\*Accounting and Finance (F) \*Business Management and Marketing (BM) \*Information Technology (IT)**

Are you interested in...	Can you...	Do you enjoy...
A business environment Advertising Computers and technology Different work sites Insurance Office management Presentations to groups Sales Record keeping Telecommunications	Organize your time efficiently Pay attention to details Show initiative Solve problems Work easily with others Work Independently Work on a team Work with statistics Use computers and other technology	Following directions Learning new software programs Making budgets Meeting with groups Organizing a project Planning an event Preparing Financial reports Processing numbers and figures Selling products and services Working with technology

If you answered "yes" to most of these questions, you might consider a future in one of the same occupations listed below based on their level of post-secondary training.

## Sample Careers

Entry (OJT)	Technical/Skilled (1-3 yrs)	Professional (4 + yrs)
Accounts payable Office Manager (BM) Administrative Assistant (BM) Bank Teller (BM) Book Keeper (F) Cashier (F) Computer Operator (IT) Customer Service Representative (BM) File Clerk (BM) Payroll Clerk (F) Reservation/Travel Agent (BM) Retail Sales Clerk (BM) School Secretary (BM) Telemarketer (BM) Title Searcher (F)	Bank Collection Officer (F) Claims Adjuster (F) Computer Programmer (IT) Computer Salesperson (BM) Desktop Publisher (IT) Medical Secretary (BM) Production Support Analyst (IT) Real Estate Agent (BM) Restaurant Manager (BM) Retail Buyer (BM) Sales Representative (BM) Software Engineer (IT) Tax Preparer (F)	Bank President (BM, F) Certified Public Accountant (F) Chief Executive Officer (BM) E-Commerce Analyst (IT) Economist (F) Financial Planner (F) Hospital Administrator (BM) Human Resources Manager (BM) Marketing Manager (BM) Operations Analyst (IT) Systems Analyst (IT) Tax Examiner (F)

Check out Occupational Outlook Handbook – [www.bls.gov/OCO/](http://www.bls.gov/OCO/) or check your Choices profile

<b>Holland Codes for Business</b>	<b>Conventional</b>	<b>Enterprising</b>
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# Business, Finance & Information Technology Pathway Map: Accounting Technology CTE Program 52.0302

This is a three-year program starting in Grade 10

CIP 52.0302	Grade 9	Grade 10	Grade 11	Grade 12
	Exploratory Course	Career & Technical Education Program Courses		
<b>Technical Courses</b>  9.0 credits 1080 hours	<b>Computer Applications (.5)</b>	<b>Introduction to Business (1.0)</b>	<b>Personal Finance (.5) Business Communications (.5)</b>	<b>Financial Algebra for Business Applications (1.0)</b>
		<b>Accounting I (1.0)</b>	<b>Accounting II (1.0)</b>	<b>ACC 105 Principles of Accounting (1.0)</b>
		<b>Business Law I (.5) Business Law II (.5)</b>	<b>MGT 105 Principles of Management (1.0)</b>	<b>Business Leadership (1.0)</b>
<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>	Algebra Academic Algebra Geometry Honors	Algebra 2 Academic Algebra 2 Algebra 2 Honors	Geometry Academic Geometry PC Honors AP Statistics	Financial Algebra Pre-Calculus MATH 123/Intro to Stats
<b>Science</b>	Earth & Space Science Intro to Enviro Science Honors Biology	Biology Chemistry	Chemistry Physics	Physics or Science Electives
<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>	Health 9 (.5) Physical Education (.5)	Physical Education (.5)	Personal Finance (.5) Physical Education (.5)	Physical Education (.5)
<b>Recommended Electives</b>	+2.5 credits	+0.5 credits	N/A	+1.5 credits
<b>Articulation Agreement Credit Opportunities</b>			<b>Advanced Placement Credits</b>	<b>Dual Enrollment Credits</b>
9.0 credits @ Community College of Beaver County – Monaca, PA 10.0 credits @ Delaware County Community College – Media, PA 9.0-12.0 credits @ Lackawanna College – Scranton, PA 9.0 credits @ Northampton County Area Community College – Bethlehem, PA 9.0 credits @ Pennsylvania College of Technology – Williamsport, PA			AP English AP Calculus & Statistics AP Chemistry & Envi Sci AP US & European History AP Seminar & Research	<b>MGT 105</b> <b>ACC105</b>  MTH123 ENL111 CHM100
<b>Scheduling Notes:</b>   		<b>Work-Based Learning Programs</b>		
				Cooperative Education (4.0)
			CTE Experience/Internship (4.0)	CTE Experience/Internship (4.0)
		<b>CTE Industry Credentials &amp; Certifications</b>		
		OSHA 10-Hour Safety	Employability Skills	Microsoft Excel Specialist
<b>Grade 10</b>	<b>Grade 11</b>	<b>Grade 12</b>		

# Business, Finance & Information Technology Pathway Map: Entrepreneurship CTE Program 52.0701

This is a three-year program starting in Grade 10

CIP 52.0701	Grade 9	Grade 10	Grade 11 (EVEN)	Grade 12 (ODD)
	Exploratory Course	<b>Career &amp; Technical Education Program Courses</b>		
<b>Technical Courses</b>  9.0 credits (1080 hours)	<b>Computer Applications (.5)</b>	<b>Introduction to Business (1.0)</b>	<b>Personal Finance (.5) Business Communications (.5)</b>	<b>MGT 105 Principles of Management (1.0)</b>
		<b>Fundamentals of Entrepreneurship (1.0)</b>	<b>Accounting 1 (1.0)</b>	<b>Creativity, Innovation, &amp; Design (1.0)</b>
		<b>Business Law 1 (.5) Business Law 2 (.5)</b>	<b>Marketing (1.0)</b>	<b>Business Leadership (1.0)</b>
<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>	Algebra Academic Algebra Geometry Honors	Algebra 2 Academic Algebra 2 Algebra 2 Honors	Geometry Academic Geometry PC Honors AP Statistics	Financial Algebra Pre-Calculus MATH 123/Intro to Stats
<b>Science</b>	Earth & Space Science Intro to Envio Science Honors Biology	Biology Chemistry	Chemistry Physics	Physics or Science Electives
<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>	Health 9 (.5) Physical Education (.5)	Physical Education (.5)	Personal Finance (.5) Physical Education (.5)	Physical Education (.5)
<b>Electives</b>	+2.5 credits	+0.5 credits	N/A	+1.5 credits
<b>Articulation Agreement Credit Opportunities</b>			<b>Advanced Placement Credits</b>	<b>Dual Enrollment Credits</b>
Pennsylvania College of Technology (6.0)			AP English AP Calculus & Statistics AP Chemistry & Envi Sci AP US & European History AP Seminar & Research	<b>MGT 105</b>  MATH123 ENGL111 CHEM100
<b>Scheduling Notes:</b>   		<b>Work-Based Learning Programs</b>		
				Cooperative Education (4.0)
			CTE Experience/Internship (4.0)	CTE Experience/Internship (4.0)
		<b>CTE Industry Credentials &amp; Certifications</b>		
		OSHA 10-Hour Safety	Employability Skills	A*S*K Certification
<b>Grade 10</b>	<b>Grade 11</b>	<b>Grade 12</b>		

# Business, Finance & Information Technology Pathway Map: Sales, Marketing & Distribution CTE Program 52.1801

This is a three-year program starting in Grade 10

CIP 52.1801	Grade 9	Grade 10	Grade 11	Grade 12
<b>Career &amp; Technical Education Program Courses</b>				
<b>Technical Courses</b>  9.0 credits 1080 hours	<b>Computer Applications (.5)</b>	<b>Introduction to Business (1.0)</b>	<b>Personal Finance (.5) Business Communications (.5)</b>	<b>Accounting 1 (1.0)</b>
		<b>Marketing 1 (1.0)</b>	<b>Marketing 2 (1.0)</b>	<b>Marketing 3 (1.0)</b>
		<b>Business Law 1 (.5) Business Law 2 (.5)</b>	<b>MGT 105 Principles of Management (1.0)</b>	<b>Business Leadership (1.0)</b>
<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>	Algebra Academic Algebra Geometry Honors	Algebra 2 Academic Algebra 2 Algebra 2 Honors	Geometry Academic Geometry PC Honors AP Statistics	Financial Algebra Pre-Calculus MATH 123/Intro to Stats
<b>Science</b>	Earth & Space Science Intro to Envio Science Honors Biology	Biology Chemistry	Chemistry Physics	Physics or Science Electives
<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>	Health 9 (.5) Physical Education (.5)	Physical Education (.5)	Personal Finance (.5) Physical Education (.5)	Physical Education (.5)
<b>Electives</b>	+2.5 credits	+0.5 credits	N/A	+1.5 credits
<b>Articulation Agreement Credit Opportunities</b>			<b>Advanced Placement Credits</b>	<b>Dual Enrollment Credits</b>
9.0 credits @ Harcum College – Bryn Mawr, PA 9.0 credits @ Lackawanna College – Scranton, PA 9.0 credits @ Luzerne County Community College – Nanticoke, PA 9.0 credits @ Pennsylvania College of Technology – Williamsport, 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>MGT 105</b>  MATH123 ENGL111 CHEM100
<b>Scheduling Notes:</b>   		<b>Work-Based Learning Programs</b>		
				Cooperative Education (4.0)
			CTE Experience/Internship (4.0)	CTE Experience/Internship (4.0)
		<b>CTE Industry Credentials &amp; Certifications</b>		
		OSHA 10-Hour Safety	NRFF Customer Service & Sales	NRFF Supply Chain & Logistics
		NRFF Retail Fundamentals	NRFF Customer De-Escalation	NRFF Advanced Service
		<b>Grade 10</b>	<b>Grade 11</b>	<b>Grade 12</b>

# Engineering and Industrial Technology

This pathway is designed to cultivate students' interests, awareness and applications to careers related to technologies necessary to design, develop, install and maintain physical systems

## Pathway Focus Areas

\*Automotive and Transportation (TDL)

\*Building Trade Maintenance (BT)

\*Computer Aided Design (CAD)

\*Computer and Information Networking (ET)

\*Construction Trades (CO)

\*Electronics and Computer Engineering (ET)

\*Manufacturing Technologies (M)

### Are you interested in...

Buildings and construction  
Computer technology  
Design and architecture  
Engineering  
Fitness and sports  
How things work  
Math and Science classes  
Precision work  
Production management  
Tools, equipment and materials  
Woodworking

### Can you...

Apply science and math to real world  
Organize reports and people  
Read and understand directions  
See a task through to completion  
Solve problems of a complex nature  
Understand directives and read maps  
Use a computer

### Do you enjoy...

Building with your hands  
Design/working with project, models, prototypes  
Operating tools and equipment  
Paying close attention to details  
Working with your hands  
Working in a lab setting  
Working on a team  
Travel

If you answered "yes" to most of these questions, you might consider a future in one of the same occupations listed below based on their level of post-secondary training.

## Sample Careers

### Apprenticeships and Entry Level (OJT)

Brick Mason (CO)  
Carpenter (CO)  
Diesel Mechanic (TDL)  
Electrician (CO)  
HVAC (CO)  
Machinist (CO)  
Plumber (CO)  
Carpet Installer (CO)  
Drywall Worker (CO)  
Freight Handler (TDL)  
Machine Operator (M)  
Roofer (CO)  
Warehouse Worker (TDL)

### Technical/Skilled (1-3 yrs)

Air Traffic Controller (TDL)  
Auto Mechanic & Repair (TDL)  
Bus & Truck Driver (TDL)  
CAD/CAM Technician (M,ET)  
Civil Engineering Technician (ET)  
Diesel Mechanic (TDL)  
Electric Technician (M)  
Grader and Dozer Operator (CO)  
Laser Technician (M, ET)  
Metals Engineering Technician (M)  
Motorcycle Mechanic (TDL)  
Robotics Technician (ET)  
Taxi Driver (TDL)

### Professional (4 + yrs)

Aeronautical Engineer (ET, TDL)  
Aerospace Engineer (ET, TDL)  
Airline Pilot (ET, TDL)  
Architect (ET, CO)  
Astronaut (ET)  
Chemical Engineer (ET)  
Civil Engineer (ET, CO)  
Computer Network Engineer (ET)  
Industrial Engineer (ET, M)  
Mechanical Engineer (ET, M)  
NASA Scientist (ET)  
Navigator (TDL)  
Nuclear Engineer (ET)  
Petroleum Engineer (ET)  
Transportation Engineer (ET, TDL)

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Check out Occupational Outlook Handbook – [www.bls.gov/OCO/](http://www.bls.gov/OCO/) or check your Choices profile

Holland Codes for Eng. & Ind. Tech.

Realistic

Conventional

# Engineering & Industrial Technology Pathway Map

## Automotive Technology CTE Program 47.0604

This is a two-year program starting in Grade 11

CIP 47.0604	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>Automotive Technology Exploration (.25)</b>	<b>Introduction to Automotive Technology (.5)</b>	<b>Automotive Technology 1 (3)</b>	<b>Automotive Technology 2 (3)</b>
<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>	Algebra Academic Algebra Geometry Honors	Algebra 2 Academic Algebra 2 Algebra 2 Honors	Geometry Academic Geometry PC Honors AP Statistics	Math Elective Pre-Calculus MATH 123/Intro to Stats
<b>Science</b>	Earth & Space Science Intro to Envio Science Honors Biology	Biology Chemistry	Physics Chemistry	Physics or Science Electives
<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>Elective Credits</b>	+ 2.25 credits	+ 3 credits	N/A	+ 1.5 credits
<b>Articulation Agreement Credit Opportunities</b>			<b>Advanced Placement Credits</b>	<b>Dual Enrollment Credits</b>
12.0 credits @ Allegany College of Maryland – Cumberland, MD 9.0 credits @ Community College of Allegheny County – Pittsburgh, PA 10.0 credits @ Delaware County Community College – Media, PA 9.0 credits @ Harrisburg Area Community College – Harrisburg, PA 10.0 credits @ Johnson College – Scranton, PA 9.0 credits @ Luzerne County Community College – Nanticoke, PA 9.0 credits @ Northampton County Community College – Bethlehem, PA 9.50 credits @ Rosedale Technical College – Pittsburgh, PA 12.0 credits @ University of Northwestern Ohio – Lima, OH			AP English AP Calculus & Statistics AP Chemistry & Envi Sci AP US & European History AP Seminar & Research	MATH123 ENGL111 CHEM100
<b>Scheduling Notes:</b>			<b>Work-Based Learning Programs</b>	
			Cooperative Education (4.0)	
			CTE Experience/Internship (4.0)	CTE Experience/Internship (4.0)
			<b>CTE Industry Credentials &amp; Certifications</b>	
			OSHA 10-Hour Automotive Safety	Snap-on 504 Multimeter
			CareerSafe Employability Skills	AC Delco Electrical State 1 & 2
			AC Delco Battery Starting & Charging Systems	Automotive Lift Institute Lifting It Right
			<b>Grade 11</b>	<b>Grade 12</b>



# Engineering & Industrial Technology: Building Property Maintenance CTE Program 46.0401

This is a two-year program starting in Grade 11

CIP 46.0401	Grade 9	Grade 10	Grade 11	Grade 12
	Exploratory Courses	Introductory Courses	<b>Career &amp; Technical Education Courses</b>	
<b>Technical Courses</b>  <b>Grades 11-12</b>  6.0 credits 720 hours	<b>Exploratory Building Property Maintenance (.25)</b>	<b>Introduction to Building Property Maintenance (.5)</b>	<b>Building Property Maintenance 1 (3)</b>	<b>Building Property Maintenance 2 (3)</b>
<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>	Algebra Academic Algebra Geometry Honors	Algebra 2 Academic Algebra 2 Algebra 2 Honors	Geometry Academic Geometry PC Honors AP Statistics	<i>Math Elective</i> Pre-Calculus MATH 123/Intro to Stats
<b>Science</b>	Earth & Space Science Intro to Envio Science Honors Biology	Biology Chemistry	Chemistry Physics	Physics or Science Electives
<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>	Health 9 (.5) Physical Education (.5)	Physical Education (.5)	Personal Finance (.5) Physical Education (.5)	Physical Education (.5)
<b>Electives</b>	+2.25 credits	+3.0 credits	N/A	+0.5 credits
<b>Articulation Agreement Credit Opportunities</b>			<b>Advanced Placement Credits</b>	<b>Dual Enrollment Credits</b>
Community College of Allegheny County (10.0) Pennsylvania College of Technology (3.0)			AP English AP Calculus & Statistics AP Chemistry & Envi Sci AP US & European History AP Seminar & Research	MTH123 ENL111 CHM100
<b>Scheduling Notes:</b>           			<b>Work-Based Learning Programs</b>	
			Cooperative Education (4.0)	
			CTE Experience/Internship (4.0)	CTE Experience/Internship (4.0)
			<b>CTE Industry Credentials &amp; Certifications</b>	
			OSHA 10-Hour Construction	Articulated Ladder Safety
			Mobile Ladder Safety	Step Ladder Safety
			Single & Extension Ladder	PEX Certification
			<b>Grade 11</b>	

# 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	CCST Certifications
			CompTIA A+ (Plus)	CompTIA Network+ (Plus)
			<b>Grade 11</b>	<b>Grade 12</b>

# Precision Machining Technology CTE Program 48.0501

## Engineering & Industrial Technology Pathway

This is a two-year program starting in Grade 11

CIP 48.0501	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>Exploratory Precision Machining (.25)</b>	<b>Introduction to Precision Machining (.5)</b>	<b>Precision Machining Level 1 (3.0)</b>	<b>Precision Machining Level 2 (3.0)</b>
<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 or Math Elective
<b>Science</b>	Earth & Space Science Intro to Envio Science Honors Biology	Biology Chemistry	Physics	Science Elective
<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	Social Studies Elective
<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>Electives</b>	+2.25 credits	+3.0 credits	Not Available	+0.5 credits
<b>Articulation Agreement Credit Opportunities</b>			<b>Advanced Placement Credits</b>	<b>Dual Enrollment Credits</b>
Butler County Community College – Butler, PA (9.0) Delaware County Community College – Media, PA (10.0) Johnson College – Scranton, PA (9.0) Luzerne County Community College – Nanticoke, PA (12.0) Pennsylvania College of Technology – Williamsport, PA (6.0) Reading Area Community College – Reading, PA (12.0) Thaddeus Stevens College of Technology – Lancaster, PA (11.0) Westmoreland County Community College – Youngwood, PA (12.0)			AP English AP Calculus & Statistics AP Chemistry & Envi Sci AP US & European History AP Seminar & Research	MTH123 ENG111 CHM100
<b>Scheduling Notes:</b>   			<b>Work-Based Learning Programs</b>	
				Cooperative Education (4.0)
			CTE Experience/Internship (4.0)	CTE Experience/Internship (4.0)
			<b>CTE Industry Credentials &amp; Certifications</b>	
			OSHA 10-Hour General Industry	NIMS Machining Level I
			<b>Grade 11</b>	<b>Grade 12</b>

# Human Services (HS) Pathway

This pathway is designed to cultivate students' interests, skills and experiences for employment in careers related to family and human needs.

## Pathway Focus Areas

\*Child/Personal Care (CPC)

\*Culinary Arts, Hospitality and Tourism (HT)

\*Education and Counseling (E)

\*Law, Public Safety and Government (LPG)

### Are you interested in...

Aging adults  
Child development  
Counseling  
Family and social services  
Food preparation  
Owning your own business  
Teaching  
Working with people

### Can you...

Apply science and math to the real world  
Assume leadership  
Be conscientious and dependable  
Be creative  
Communicate well  
Organize well  
Plan and direct programs  
Plan budgets  
Use interpersonal skills  
Work with a team

### Do you enjoy...

Communicate services  
Counseling and advising people  
Handling customer complaints  
Helping and protecting others  
Interviewing people  
Searching for answers to human problems  
Selling products or services  
Serving others' needs  
Working with people

If you answered "yes" to most of these questions, you might consider a future in one of the same occupations listed below based on their level of post-secondary training.

## Sample Careers

### Entry (OJT)

Aerobics Instructor (HT)  
Armed Services Career (LPG)  
Bailiff (LPG)  
Building Trade Maintenance (HT)  
Child Care (CPC)  
Dry Cleaning Operator (CPC)  
Home Health Aide (CPC)  
Library Assistant (E)  
Postal Services Worker (LPG)  
Security Guard (LPG)  
Travel Agent (HT)  
Utility Worker (LPG)  
Waitress (HT)

### Technical/Skilled (1-3 yrs)

Armed Services Career (LPG)  
Barber (CPC)  
Chauffer (HT)  
Cosmetologist (CPC)  
Crime Lab Technician (LPG)  
Fashion Designer (CPC)  
Flight Attendant (HT)  
Fire Fighter (LPG)  
Manicurist (CPC)  
Massage Therapist (CPC)  
Meat Cutter (HT)  
Mortician (CPC)  
Personal Trainer (CPC)  
Teacher's Aid (E)  
Truck Driver (CPC)

### Professional (4 + yrs)

Athletic Agent (HT)  
City Manager (LPG)  
College Professor (E)  
Criminologist (LPG)  
Executive Chef (HT)  
Family Planner (HT)  
FBI Agent (LPG)  
Food Services Manager (HT)  
Funeral Director (CPC)  
Guidance Counselor (E)  
Hotel/Motel Management (HT)  
Lawyer (LPG)  
Marriage and Family Therapist (CPC)  
Paralegal (LPG)  
Park Ranger (LPG)  
Parole Officer (LPG)  
Psychologist (CPC)  
Teacher (E)  
Workforce Director (LPG)

Check out Occupational Outlook Handbook – [www.bls.gov/OCO/](http://www.bls.gov/OCO/) or check your Choices profile

**Holland Codes for Human Services**

**Social**

**Enterprising**



# Human Services Pathway Map: Child Care CTE Program 19.0708

This is a two-year program starting in Grade 11

CIP 19.0708	Grade 9	Grade 10	Grade 11	Grade 12	
	Exploratory Courses	Introductory Courses	Career & Technical Education Courses		
<b>Technical Courses</b>  <b>Grades 11-12</b>  6.0 credits 720 hours	<b>Intro to Human Services (.5)</b>	<b>ABCs of Child Care (.5)</b>	<b>Child Care 1 (3)</b>	<b>Child Care 2 (3)</b>	
	<b>Family &amp; Consumer Science (.5)</b>				
<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>	Algebra Academic Algebra Geometry Honors	Algebra 2 Academic Algebra 2 Algebra 2 Honors	Geometry Academic Geometry PC Honors AP Statistics	Pre-Calculus MATH 123/Intro to Stats	
<b>Science</b>	Earth & Space Science Intro to Envio Science Honors Biology	Biology Chemistry	Chemistry Physics	Physics or Science Electives	
<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>	Computer Application (.5) Health 9 (.5) Physical Education (.5)	Physical Education (.5)	Personal Finance (.5) Physical Education (.5)	Physical Education (.5)	
<b>Electives</b>	+ 1.0 credits	+ 3.0 credits	Not Available	+ 0.5 credits	
<b>SOAR Articulation Agreement Credit Opportunities</b>			<b>Advanced Placement Credits</b>	<b>Dual Enrollment Credits</b>	
9.0 credits @ Community College of Beaver County – Monaca, PA 6.0 credits @ Commonwealth University of Pennsylvania – Lock Haven, PA 9.0 credits @ Harcum College – Bryn Mawr, PA 9.0 credits @ Montgomery County Community College – Blue Bell, PA 9.0 credits @ Reading Area Community College – Reading, PA			AP English AP Calculus & Statistics AP Chemistry & Envi Sci AP US & European History AP Seminar & Research	MTH123 ENL111 CHM100	
<b>Scheduling Notes:</b>            			<b>Work-Based Learning Programs</b>		
				Cooperative Education (4.0)	
			CTE Experience/Internship (4.0)	CTE Experience/Internship (4.0)	
			<b>CTE Industry Credentials &amp; Certifications</b>		
			OSHA 10-Hour Safety	DHS Fire Safety	
			ARC Basic First Aid, CPR & AED	PA Keystone Stars	
			Penn State Getting Started with Center-Based Care	ServeSafe Food Handler	
			Act 31 Mandated Reported		
			<b>Grade 11</b>		<b>Grade 12</b>

# Health and Science Technologies Pathway

This pathway is designed to cultivate students' interests, skills and experiences for employment in careers related to science, agriculture, and health technologies.

## Pathway Focus Areas

\*Agriculture, Food and Natural Resources (AFN)  
\*Health Sciences and Technologies (HS)

\*Science, Technology and Math (STM)  
\*Wellness (HS)

### Are you interested in...

Conservation  
Environment and conservation  
Food production  
Health care environment  
Information systems  
Medical research  
Pharmacy  
Physical therapy  
Radiology  
Science and medicine  
Sports/fitness

### Can you...

Apply a scientific theory to real life problems  
Collect and analyze data from experiments  
Pay attention to detail  
Use a computer and technology  
Work in a lab setting or medical facility  
Work outdoors around animals and plants  
Work with people in need  
Work with science and math theories

### Do you enjoy...

Developing conclusion from a database  
Diagnosing and caring for sick animals  
Making a contribution to society  
Medical lab research  
Solving problems  
Working on a team  
Working on cutting-edge scientific research  
Working outdoors with wildlife  
Working with numbers

If you answered "yes" to most of these questions, you might consider a future in one of the same occupations listed below based on their level of post-secondary training.

## Sample Careers

### Entry (OJT)

#### Health Science Careers

Dialysis Technician (HS)  
EEG Technician (HS)  
Home Health Aide (HS)  
Hospital Worker (HS)  
Optician (STM)  
Patient Care Technician (HS)  
Physical Therapy Aide (HS)

#### Science and Technology Careers

Animal Caretaker (AFN)  
Breeder (AFN)  
Data Entry (STM)  
Extension Services Worker (AFN)  
Farm Manager (AFN)  
Food Conservation Worker (AFN)  
Hazardous Waste Technician (STM)  
Zoo Caretaker (AFN)

### Technical/Skilled (1-3 yrs)

#### Health Science Careers

Certified Nursing Assistant (HS)  
Dental Hygienist (HS)  
Dental Lab Technician (HS, STM)  
Emergency Medical Technician (STM)  
Practical Nurse (HS)  
Personal Trainer (STM)  
Pharmacy Assistant (HS)  
Radiological Technician (HS)  
Respiratory Therapist (HS)  
Sports Instructor (HS)

#### Science and Technology Careers

Fish and Game Worker (AFN)  
Forest Conservationist (AFN)  
Licensed Nano-technician (STM)  
Sound Engineer (STM)

### Professional (4 + yrs)

#### Health Science Careers

Athletic Trainer (HS)  
Chiropractor (HS)  
Dietician (HS)  
Geneticist (STM)  
Pharmacists (HS)  
Physician (HS)  
Physician Assistant (HS)  
Registered Nurse (HS)

#### Science and Technology Careers

Chemist (STM)  
Geologist (AFN)  
Marine Biologist (AFN)  
Soil Conservationist (AFN)  
Veterinarian (AFN)  
Zoologist (STM)

Check out Occupational Outlook Handbook – [www.bls.gov/OCO/](http://www.bls.gov/OCO/) or check your Choices profile

**Holland Codes for Health & Science**

**Social**

**Enterprising**

# Health & Science

## Health & Medical Assisting CTE Program 51.0899

This is a two-year program starting in Grade 11

CIP 51.0899	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>Exploratory Health Occupations (.25)</b>	<b>Introduction to Health &amp; Medical Assisting (.5)</b>	<b>Health &amp; Medical Assisting 1 (3)</b>	<b>Health &amp; Medical Assisting 2 (3)</b> <b>MTR 104</b>
<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>	Algebra Academic Algebra Geometry Honors	Algebra 2 Academic Algebra 2 Algebra 2 Honors	Geometry Academic Geometry PC Honors AP Statistics	Pre-Calculus MATH 123/Intro to Stats
<b>Science</b>	Earth & Space Science Intro to Envio Science Honors Biology	<b>Biology</b> <b>Genetics &amp; Microbiology</b>	<b>CHM 100</b>	<b>BIO 103 Anatomy &amp; Physiology</b>
<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>	Computer Application (.5) Health 9 (.5) Physical Education (.5)	Physical Education (.5)	Personal Finance (.5) Physical Education (.5)	Physical Education (.5)
<b>Electives</b>	+2.25 credits	<b>MTR 100</b> +1.5 credits	Not Available	+0.5 credits
<b>Articulation Agreement Credit Opportunities</b>			<b>Advanced Placement Credits</b>	<b>Dual Enrollment Credits</b>
9.0 Credits @ Greater Altoona Career & Technology Center – Altoona, PA 9.0 Credits @ Pennsylvania Highlands Community College – Johnstown, PA 9.0 Credits @ Reading Area Community College – Reading, PA 6.0 Credits @ Pennsylvania College of Technology – Williamsport, PA			AP English AP Calculus & Statistics AP Chemistry & Envi Sci AP US & European History AP Seminar & Research	MH123 ENL111 <b>CHM100</b> <b>BIO 103</b> <b>MTR 100</b> <b>MTR 104</b>
<b>Scheduling Notes:</b>   			<b>Work-Based Learning Programs</b>	
				Cooperative Education (4.0)
			CTE Experience/Internship (4.0)	CTE Experience/Internship (4.0)
			<b>CTE Industry Credentials &amp; Certifications</b>	
			OSHA 10-Hour Healthcare	AMCA Patient Care Technician
			BLS First Aid, CPR, & AED	NHA Patient Care Technician
			<b>Grade 11</b>	<b>Grade 12</b>

# Health & Science: Health Sciences Pathway Map

	Grade 9	Grade 10	Grade 11	Grade 12
<b>Pathway Courses</b>				
<b>Technical Courses</b>  <b>Grades 9-12</b>	<b>Exploratory Health &amp; Medical Assisting (.25)</b>	<b>Safety &amp; First Aid (.5)</b>	<b>MTR 100 Medical Terminology Survey (.5)</b>	<b>MTR 104 Medical Terminology (1)</b>
	<b>Family &amp; Consumer Science (.5)</b>	<b>Intro to Health &amp; Medical Assisting (.5)</b>	<b>CHM 100 Fundamentals of Chemistry (1)</b>	<b>Organic Chemistry (.5)</b>
			<b>Genetics &amp; Microbiology (1)</b>	<b>Anatomy &amp; Physiology (1)</b>
<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>	Algebra Academic Algebra Geometry Honors	Algebra 2 Academic Algebra 2 Algebra 2 Honors	Geometry Academic Geometry PC Honors AP Statistics	Pre-Calculus MATH 123/Intro to Stats
<b>Science</b>	Earth & Space Science Intro to Envio Science Honors Biology	Biology or Chemistry	CHM 100	Organic Chemistry (.5)
<b>Social Studies</b>	US History or US 1	US 2 or World History	World or American Gov't & Elective	American Gov't & Elective Course
<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>Electives</b>	<b>Introduction to Human Services (.5)</b> + .25 credits	+ 2.5 credits	<b>REQUIRED High School Nutrition (.5)</b>	<b>REQUIRED Strength &amp; Conditioning for Life Fitness (.5)</b> + 1.0 credits
<b>Scheduling Notes:</b>			<b>Advanced Placement Credits</b>	<b>Dual Enrollment Credits</b>
			AP English AP Calculus & Statistics AP Chemistry & Envi Sci AP US & European History AP Seminar & Research	BIO 103 CHM100 ENL111 MTH123 MTR100 MTR104
			<b>Work-Based Learning Programs</b>	
			BLS First Aid/CPR	Diversified Occupations (4.0)
			<b>Grade 11</b>	<b>Grade 12</b>

# Career & Technical Education (CTE) Programs

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In today's challenging job environment, it is more critical than ever before that our young people complete their high school education with strong academic and technical skills that prepare them for college-level studies and successful careers. We believe this foundation will allow students to succeed personally and make a valuable contribution to an innovative and competitive Pennsylvania economy.

Building this foundation is what Career and Technical Education (CTE) is all about. CTE programs at Jersey Shore Area Senior High School (JSASH) are designed to meet a dual mission -- developing students with College Readiness skills AND a Career Path. CTE is no longer an either/or choice, but a "BOTH/AND" opportunity for student success.

The Department of Education has approved the twelve CTE programs offered here at JSAS). These CTE programs are built around high expectations for student learning. These expectations include the development of strong reading, writing, numeracy, problem solving, and teamwork skills, in addition to the practical and tangible career skills that motivate students and help them develop a career path for future education and work.

Students who enroll in a CTE program are committed to a program of study in their eleventh and twelfth grades - culminating in taking a nationally recognized skills test. Many colleges across the country award college credits for high scores on these nationally recognized skills tests.

*For more information regarding the CTE programs offered at JSASH, contact the CTE Director.*

CTE Program Title	CIP Code
Accounting Technology	52.0302
Automotive Mechanics Technology	32.0105
Building Property Maintenance	46.0401
Childcare / Early Childhood Education	19.0708
Communications & Digital Media Technology	10.9999
Computer Systems Networking	11.0901
Culinary Arts / Institutional Food Workers	12.0508
Diversified Occupations / Job-Seeking Skills	32.0105
Entrepreneurship	52.0701
Health & Medical Assisting	51.0899
Precision Machining Technology	48.0501
Sales, Marketing & Distribution	52.1801

## **Admission Guidelines for CTE Programs**

The Jersey Shore Area School District has an open admissions guideline in effect for Career and Technical Education (CTE) programs in which there are sufficient openings available for all students to be accepted. For those programs which have limited annual openings, students will be considered for admission based upon the eligibility criteria listed. These criteria will help to predict an applicant's ability to succeed and complete a Career and Technical program at Jersey Shore Area High School.

### **1. Career Readiness**

An applicant's career maturity and assessment of his/her knowledge of the career preparation required of the program in which the applicant wishes to enroll will be measured by his/her given career knowledge of the area chosen and by the applicant's interviewing an individual who is already employed in the applicant's field of interest. In lieu of an interview, a student may research existing career-oriented literature, or the Jersey Shore Area School District's *Smart Futures* computerized career assisted guidance system. The interview report, or research of existing literature, will not be judged by the quality or style of writing.

### **2. Teacher Recommendations**

All applicants must submit two (2) teacher recommendations with their application. One (1) recommendation must be from an academic teacher who has taught or worked with the student within the last year. One (1) recommendation may be from another academic teacher or a technology education or family consumer science teacher. The recommendation criteria are not based on academic achievement, but rather on the student's potential for success.

### **3. Attendance**

Jersey Shore Area School District believes a student's attendance record is a vital component when considering his/her potential for success in a Career and Technical Education program. Employers rely on this information to predict an employee's dependability. For this reason, all absences will be considered when reviewing a student's application. Lengthy illnesses (more than three days) which are documented by a physician's excuse will not be included in the applicant's attendance record. A student will be awarded points, based upon a sliding scale from zero (0) to twenty-three (23) days of absence. The student's absentee record will be averaged from the past three years of school attendance. Students with unlawful absences in grades 9 and 10 will be given last preference for admission.

All applicants will be ranked, from high to low points, for their CTE program of choice. The highest-ranking applicants will be selected until all vacancies are filled. If vacancies remain for the program, applicants for a second-choice program will be ranked and selected to fill those vacancies. Students who are not selected for their first or second choices will receive a list of programs that still have vacancies. Students who apply after the application deadline will be automatically placed on the waiting list, if their choices are already full. If a program has unlimited vacancies, all candidates who apply will be accepted into the program. Students with disabilities who also have an IEP which has prescribed vocational program enrollment to a specific CTE program due to employment capability will not be required to follow the eligibility criteria.

If a waiting list of applicants is the result, the individuals will be ranked for their first and second choice programs. Whenever an admitted student cannot fulfill his/her obligation to enroll in a CTE program at Jersey Shore Area High School, the highest-ranking applicant on the waiting list(s) will be selected first. These admission guidelines will be posted on the Jersey Shore Area School District website in the spring prior to the year of enrollment. It will also be translated into a foreign language, when necessary, for students with a limited English proficiency. It will also be available via audio for students who have limited reading proficiency.

Questions regarding this application process may be referred to the Jersey Shore Area School District, Director of Career & technical Education, 701 Cemetery Street, Jersey Shore, PA, 17740, 570.398.7170.

## **Compliance Statement**

The Jersey Shore Area School District, Lycoming County, Pennsylvania, is an equal opportunity education institution and will not discriminate on the basis of race, color, religion, national origin, handicap, or limited English proficiency in its activities, programs in compliance with Title VI of the Civil Rights Act of 1964, Title IX of the Education Amendments Act of 1972, and section 504 of the Rehabilitation Act of 1973. For more information concerning rights or grievance procedures, contact the Title IX and Section 504 coordinator, Jersey Shore Area School District, 175 A & P Drive, Jersey Shore, Pennsylvania 17740, 570-398-1567.