

2018-19 CTE INDUSTRY CERTIFICATION MATRIX

CIP CODE	PROGRAM NAME	CERTIFICATION NAME(S)	GRADE(S) OFFERED	MONTHS OFFERED	EXPLANATION
BUSINESS & FINANCE CLUSTER					
52.0302	Accounting & Financial Services	IRS Basic Tax Preparer or Tax Interviewer	11th & 12th Grade	Late Winter (Feb. - April)	
		Microsoft Office Specialist (Word and/or Excel and/or PowerPoint)	11th Grade	Late Winter (Feb. - April)	
		QuickBooks Certified User	12th Grade	Late Winter (Feb. - April)	
52.0401	Business Administration	Microsoft Office Specialist (Word and/or Excel and/or PowerPoint)	12th Grade	Late Winter (Feb. - April)	
		Microsoft Office Specialist (Word and/or Excel and/or PowerPoint)	All Grade Levels	Late Winter (Feb. - April)	Roxborough ONLY
		IRS Basic Tax Preparer or Tax Interviewer	11th & 12th Grade	Late Winter (Feb. - April)	MLK ONLY
52.1801	Sports Marketing & Management	Microsoft Office Specialist (Word and/or Excel and/or PowerPoint)	12th Grade	Late Winter (Feb. - April)	
COMMUNICATIONS & GRAPHICS CLUSTER					
10.9999	Digital Media Production	Adobe Certified Associate (Premier Pro and/or Photoshop and/or InDesign and/or Illustrator and/or Dreamweaver and/or Flash Professional)	12th Grade	Late Winter (Feb. - April)	
		Adobe Certified Associate (Premier Pro; Photoshop; InDesign; Illustrator; Dreamweaver; Flash Professional)	All Grade Levels	Early & Late Winter (Dec. - April)	Northeast ONLY
50.0402	Graphic Design	Adobe Certified Associate (Photoshop and/or InDesign and/or Illustrator)	12th Grade	Late Winter (Feb. - April)	
50.0602	Film & Video Production	Adobe Certified Associate (Premiere Pro)	12th Grade	Late Winter (Feb. - April)	Required for all programs
		Adobe Certified Associate (Photoshop)	12th Grade	Late Winter (Feb. - April)	For students passing Adobe Premiere ONLY
CONSTRUCTION & MANUFACTURING CLUSTER					
15.0303	Electronics/Automated Systems	National Automatic Merchandising Association (NAMA)	12th Grade	Late Winter (Feb. - April)	
		OSHA 10 (General Industry)	12th Grade	Late Winter (Feb. - April)	
15.1301	Computer Aided Drafting & Design (CADD)	Autodesk Certified User	12th Grade	Early & Late Winter (Dec. - April)	
		OSHA 10 (Construction Industry)	12th Grade	Early & Late Winter (Dec. - April)	
15.1303	Drafting and Architectural Design	Autodesk Certified User	12th Grade	Early & Late Winter (Dec. - April)	
		OSHA 10 (Construction Industry)	12th Grade	Early & Late Winter (Dec. - April)	
15.9999	Engineering Technologies	Autodesk Certified User	12th Grade	Late Winter (Feb. - April)	
46.0201	Carpentry	OSHA 10 (Construction Industry)	12th Grade	Late Winter (Feb. - April)	
		NCCER (National Center for Construction Education & Research)	12th Grade	Late Winter (Feb. - April)	
46.0399	Electrical & Power Transmission	OSHA 10 (Construction Industry)	12th Grade	Late Winter (Feb. - April)	
		NCCER (National Center for Construction Education & Research)	12th Grade	Late Winter (Feb. - April)	
46.0401	Facility and Property Maintenance	OSHA 10 (Construction Industry)	12th Grade	Late Winter (Feb. - April)	
		NCCER (National Center for Construction Education & Research)	12th Grade	Late Winter (Feb. - April)	
46.0503	Plumbing Technology	OSHA 10 (Construction Industry)	12th Grade	Late Winter (Feb. - April)	
		Plumbing, Heating & Cooling Contractors Association (PHCC)	12th Grade	Late Winter (Feb. - April)	
46.9999	Construction Technologies	Forklift Operator	12th Grade	Late Winter (Feb. - April)	
		OSHA 10 (Construction Industry)	12th Grade	Late Winter (Feb. - April)	
		NCCER (National Center for Construction Education & Research)	12th Grade	Late Winter (Feb. - April)	
48.0501	Precision Machine Tool Technology	NIMS (National Institute for Metalworking Skills)	12th Grade	Late Winter (Feb. - April)	
		OSHA 10 (General Industry)	12th Grade	Late Winter (Feb. - April)	
48.0508	Welding Technology	NCCER (National Center for Construction Education & Research)	12th Grade	Late Winter (Feb. - April)	
		AWS (American Welding Society)	12th Grade	Late Winter (Feb. - April)	

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EDUCATION CLUSTER					
19.0708	Early Childhood Education & Childcare	Babysitting & Childcare (American Red Cross)	10th Grade	Late Winter (Feb. - April)	
		Infant & Child CPR (American Heart Association)	11th Grade	Late Winter (Feb. - April)	
		CDA (Council for Professional Recognition)	12th Grade	Late Winter (Feb. - April)	
HEALTH CLUSTER					
51.0601	Dental Assisting	BLS Healthcare Provider - CPR & AED (American Heart Association)	12th Grade	Early Winter (Dec. - Jan.)	Kensington Health - 10th Grade ONLY
		HIPAA	10th Grade	Early Winter (Dec. - Jan.)	
		OSHA 10 (Healthcare)	11th Grade	Early Winter (Dec. - Jan.)	
		ICE - Infection Control (Dental Assisting National Board)	12th Grade	Early Winter (Dec. - Jan.)	
		First Aid (American Heart Association)	12th Grade	Early Winter (Dec. - Jan.)	
51.0707	Health Information Records Technology	Radiation Health and Safety (RHS)	12th Grade	Late Winter (Feb. - April)	
		HIPAA	10th Grade	Early Winter (Dec. - Jan.)	
		OSHA 10 (Healthcare)	11th Grade	Late Winter (Feb. - April)	
		Personal Care - Direct Care Staff Person (PA Dept. of Human Services)	11th Grade	Late Winter (Feb. - April)	
		BLS Healthcare Provider - CPR & AED (American Heart Association)	12th Grade	Early Winter (Dec. - Jan.)	
		First Aid (American Heart Association)	12th Grade	Early Winter (Dec. - Jan.)	
51.0801	Clinical Medical Assistant	Electronic Health Records (AMCA)	12th Grade	Late Winter (Feb. - April)	
		HIPAA	10th Grade	Early Winter (Dec. - Jan.)	
		OSHA 10 (Healthcare)	11th Grade	Early Winter (Dec. - Jan.)	
		Personal Care - Direct Care Staff Person (PA Dept. of Human Services)	11th Grade	Late Winter (Feb. - April)	
		BLS Healthcare Provider - CPR & AED (American Heart Association)	12th Grade	Early Winter (Dec. - Jan.)	
		First Aid (American Heart Association)	12th Grade	Early Winter (Dec. - Jan.)	
51.0904	Emergency Medical Technician	Medical Assisting Clinical & Clerical (AMCA)	12th Grade	Late Winter (Feb. - April)	
		HIPAA	10th Grade	Early Winter (Dec. - Jan.)	
		BLS Healthcare Provider - CPR & AED (American Heart Association)	11th Grade	Early Winter (Dec. - Jan.)	
		Hazmat Operations (Phila. Fire Department)	11th Grade	Late Winter (Feb. - April)	
		Hazmat Awareness (Phila. Fire Department)	11th Grade	Late Winter (Feb. - April)	
		First Aid (American Heart Association)	12th Grade	Early Winter (Dec. - Jan.)	
51.2604	Rehabilitation Aide	Emergency Medical Technician	12th Grade	Late Winter (Feb. - April)	
		HIPAA	10th Grade	Early Winter (Dec. - Jan.)	
		OSHA 10 (Healthcare)	11th Grade	Early Winter (Dec. - Jan.)	
		Personal Care - Direct Care Staff Person (PA Dept. of Human Services)	11th Grade	Late Winter (Feb. - April)	
		BLS Healthcare Provider - CPR & AED (American Heart Association)	12th Grade	Early Winter (Dec. - Jan.)	
51.9999	Health Related Technologies	First Aid (American Heart Association)	12th Grade	Early Winter (Dec. - Jan.)	
		HIPAA	10th Grade	Early Winter (Dec. - Jan.)	
		OSHA 10 (Healthcare)	11th Grade	Early Winter (Dec. - Jan.)	
		Personal Care - Direct Care Staff Person (PA Dept. of Human Services)	11th Grade	Late Winter (Feb. - April)	
		BLS Healthcare Provider - CPR & AED (American Heart Association)	12th Grade	Early Winter (Dec. - Jan.)	Kensington Health - 10th Grade ONLY
HOSPITALITY CLUSTER					
12.0501	Baking and Pastry Arts	ServSafe Food Handler	10th Grade	Early Winter (Dec. - Jan.)	
		ServSafe Manager	11th Grade	Late Winter (Feb. - April)	
12.0508	Culinary Arts	ServSafe Food Handler	10th Grade	Early Winter (Dec. - Jan.)	
		ServSafe Manager	11th Grade	Late Winter (Feb. - April)	

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INFORMATION TECHNOLOGY CLUSTER					
11.0801	Web Design	Adobe Certified Associate (Illustrator)	12th Grade	Late Winter (Feb. - April)	
11.0901	Computer Systems Networking	Microsoft Technology Associate (MTA)	12th Grade	Late Winter (Feb. - April)	
		CompTIA Network +	12th Grade	Late Winter (Feb. - April)	For students passing MTA Only
15.1202	Computer Supports Systems Technology	CompTIA IT Fundamentals	12th Grade	Late Winter (Feb. - April)	
		A+	12th Grade	Late Winter (Feb. - April)	For students passing IT Fundamentals Only
NATURAL SCIENCES AND BIOTECHNOLOGY CLUSTER					
01.0401	Food Processing Sciences	ServSafe Food Handler	10th & 11th Grade	Early Winter (Dec. - Jan.)	
		ServSafe Manager	12th Grade	Late Winter (Feb. - April)	
01.0601	Horticulture	PA Environment Agricultural Conservation Cert of Excellence (PEACCE)	10th Grade	Early Winter (Dec. - Jan.)	Saul ONLY
		Pennsylvania Certified Horticulturalist Associate	12th Grade	Late Winter (Feb. - April)	
01.0901	Animal Sciences	PA Environment Agricultural Conservation Cert of Excellence (PEACCE)	10th Grade	Early Winter (Dec. - Jan.)	
		Youth for Quality Care of Animals (YQCA)	10th Grade	Early Winter (Dec. - Jan.)	
03.0299	Natural Resources Management	PA Environment Agricultural Conservation Cert of Excellence (PEACCE)	10th Grade	Late Winter (Feb. - April)	
		OSHA 10 (Agriculture)	11th Grade	Late Winter (Feb. - April)	
26.1201	Biotechnology	OSHA 10 (Healthcare)	11th Grade	Early Winter (Dec. - Jan.)	
PERSONAL CARE CLUSTER					
12.0401	Cosmetology	PA State Board of Cosmetology	12th Grade	Early Winter (Dec. - Jan.)	
		CPR (American Heart Association)	12th Grade	Early Winter (Dec. - Jan.)	
		AED (American Heart Association)	12th Grade	Early Winter (Dec. - Jan.)	
		First Aid (American Heart Association)	12th Grade	Early Winter (Dec. - Jan.)	
12.0402	Barbering	PA State Board of Barber Examiners	12th Grade	Early Winter (Dec. - Jan.)	
		CPR (American Heart Association)	12th Grade	Early Winter (Dec. - Jan.)	
		AED (American Heart Association)	12th Grade	Early Winter (Dec. - Jan.)	
		First Aid (American Heart Association)	12th Grade	Early Winter (Dec. - Jan.)	
19.0905	Fashion Design	Fashion, Textiles & Apparel (Amer. Assoc. of Family & Cons. Sciences)	12th Grade	Early Winter (Dec. - Jan.)	
		CPR (American Heart Association)	12th Grade	Early Winter (Dec. - Jan.)	
		AED (American Heart Association)	12th Grade	Early Winter (Dec. - Jan.)	
		First Aid (American Heart Association)	12th Grade	Early Winter (Dec. - Jan.)	
TRANSPORTATION CLUSTER					
47.0603	Autobody Collision Repair	I-CAR	12th Grade	Late Winter (Feb. - April)	
		SP/2 - Collision Safety and Collision Pollution Prevention	10th Grade	Early Winter (Dec. - Jan.)	
		SP/2 - Collision Safety; Collision Pollution Prevention; Land That Job: Building a Resume; and Land That Job: Interview Skills	11th Grade	Early Winter (Dec. - Jan.)	
		SP/2 - Mechanical Safety; Mechanical Pollution Prevention; Supervisor's Course; Land That Job: Building a Resume; and Land That Job: Interview Skills; and Ethics and You in Auto Industry	12th Grade	Early Winter (Dec. - Jan.)	
		ASE/EPA Section 609 Refrigerant	12th Grade	Late Winter (Feb. - April)	
47.0604	Automotive Technology	SP/2 - Mechanical Safety and Mechanical Pollution Prevention	10th Grade	Early Winter (Dec. - Jan.)	
		SP/2 - Mechanical Safety; Mechanical Pollution Prevention; Land That Job: Building a Resume; and Land That Job: Interview Skills	11th Grade	Early Winter (Dec. - Jan.)	
		SP/2 - Mechanical Safety; Mechanical Pollution Prevention; Supervisor's Course; Land That Job: Building a Resume; and Land That Job: Interview Skills; and Ethics and You in Auto Industry	12th Grade	Early Winter (Dec. - Jan.)	
		Valvoline	10th Grade	Early & Late Winter (Dec. - April)	
		ASE/EPA Section 609 Refrigerant	11th Grade	Late Winter (Feb. - April)	
		PA Certified Safety Inspector	12th Grade	Late Winter (Feb. - April)	Only 18 yrs & older + driver's license
52.0203	Logistics, Materials & Supply Chain Management	Forklift Operator	12th Grade	Late Winter (Feb. - April)	
		OSHA 10 (General Industry)	10th Grade	Late Winter (Feb. - April)	