North Carolina's Certified Career Pathways



Sector/ Career Pathway	Workforce Development Board(s)	Year Launched	Counties	Prosperity Zone(s)	Notes
Healthcare The Northeastern NC Pathway to Prosperity (PtP) Health Careers Pathway	Northeastern, Rivers East, Turning Point	2016	Currituck, Camden, Pasquotank, Perquimans, Chowan, Gates, Washington, Tyrell, Dare, Hyde, Hertford, Bertie, Martin, Pitt, Beaufort, Northampton, Halifax, Nash, Edgecombe, Wilson	1-Northeast 3-North Central	Pathway was officially organized in the summer of 2013. The regional pathways partnership was an outgrowth of a PtP pilot project developed by the CTE Division of DPI. Develops a wide-reaching pathway to reach enrollees in numerous counties in the Northeastern part of the state. It brings together numerous counties in a rural part of the state, combining resources, collaborating, and maximizing efficiencies to serve the enrollee and the employer. • Health Care – Northeast Pathways to Prosperity (nencpathways.org) • https://nencpathways.org/health-sciences/ • Career-Pathway-Toolkit-for-Career-Advisors.pdf (nwdbworks.com)
Collision Repair & Refinishing Technology	Mid-Carolina	2016	Cumberland	4-Sandhills	For more information, see their <u>local area workforce development plan</u> .
Information Technology	Capital Area	2016	Wake, Johnston, Durham, Person, Granville, Vance, Warren, Franklin	3-North Central	Triangle Regional Pathways is a collaboration between Capital Area, Durham, and Kerr-Tar workforce development boards. Provides comprehensive training in the Information Technology industry sector. Develops a strong employer network to provide career awareness and work- based learning opportunities. Capital Area's pathway demonstrates a strong commitment to employer engagement. Their employers provided the template to meet information technology needs in the region. • Information Technology (IT) Careers - Triangle Career Pathways (CAWD)
Advanced Manufacturing	Kerr-Tar (lead)	2016	Wake, Johnston, Durham, Caswell, Person,	3-North Central	Provides comprehensive training in the Advanced Manufacturing industry sector. Develops a wide reaching skilled-trades pathway to identify enrollees at all stages in their career in numerous counties.

			Granville, Vance, Warren, Franklin		Kerr-Tar's pathway includes numerous counties in rural areas adjacent to urban ones. This pathway provides numerous integral work-based learning and training opportunities for enrollees along all levels of the pathway. • Advanced Manufacturing Skills Training Alliance Cruisers 2017 Event Kerr Tar COG
Nursing/ Healthcare	Piedmont Triad, Guilford County (<i>TriadWorks</i>)	2016	Forsyth, Davie, Surry, Stokes, Rockingham, Yadkin, Caswell, Davidson, Guilford, Alamance, Montgomery, Moore, Orange, Randolph	3-North Central 4-Sandhills 5-Piedmont	Provides comprehensive training in the Healthcare industry sector. Reduces duplication of education and training along the nursing curriculum. PTRC has developed strong work-based learning opportunities for pathway enrollees to ensure pathway exiters are well trained when seeking employment. • Nursing Pathway Grant Flyer (ptrc.org)
Advanced Manufacturing	Northeastern, Rivers East, Turning Point	2016	Currituck, Camden, Pasquotank, Perquimans, Chowan, Gates, Washington, Tyrell, Dare, Hyde, Hertford, Bertie, Martin, Pitt, Beaufort, Northampton, Halifax, Nash, Edgecombe, Wilson	1-Northeast 3-North Central	Provides comprehensive training in the Advanced Manufacturing industry sector. Develops a wide-reaching pathway to reach enrollees in numerous counties in the Northeastern part of the state. The Northeast Region's pathway represents the essence of this work. It brings together numerous counties in a rural part of the state, combining resources, collaborating and maximizing efficiencies to serve the enrollee and the employer. • Advanced Manufacturing – Northeast Pathways to Prosperity (nencpathways.org)
Health Life Sciences	Durham (lead)	2016	Wake, Johnston, Durham, Caswell, Person, Granville, Vance, Warren, Franklin	3-North Central	Provides comprehensive training in the Healthcare industry sector. Focuses on the most in-demand careers within the industry sector to develop a strong, streamlined pathway. Durham has developed a very nimble career pathway around the careers within healthcare that will afford enrollees the greatest opportunity for high-demand, high-wage employment. • Workforce Development Perspectives (durhamnc.gov)
Advanced Manufacturing	Mountain Area	2016	Madison, Buncombe,	8-Western	Provides comprehensive training in the Advanced Manufacturing industry sector.

			Henderson, Transylvania		Meets the growing need for skilled workers to perform all jobs within the occupation. Pathway demonstrates strong employer engagement. Advanced Manufacturing is growing in and around the Asheville area. Employers have engaged in a meaningful way to develop work-based learning and training opportunities for pathway enrollees. • Manufacturing Jobs Mountain Area Careers Western North Carolina
Health Sciences	Eastern Carolina	2017	Carteret, Craven, Duplin, Greene, Jones, Lenoir, Onslow, Pamlico, Wayne	2-Southeast	ECWDB aligns career development strategies into targeted career pathways and focuses on sector strategies that align to the region's high growth, high wage, and high skill demands. • Career Pathways Training Options Guide
Advanced Manufacturing	Southwestern	2017	Cherokee, Graham, Clay, Macon, Jackson, Haywood, Swain	8-Western	Provides comprehensive training in the sector. Combines urban and rural industry and education partners to expand options for workers and employers. The collaborative's regional application represents input from local healthcare employers committed to flexible career pathways for individuals in the local labor market to enter and grow the field of nursing. Long term industry buy-in is a key component of career pathways in this region. • Workforce Development – Southwestern Commission (regiona.org)
Advanced Manufacturing	Foothills	2017	Cleveland, McDowell, Polk, Rutherford	6-Southwest 7-Northwest 8-Western	Provides comprehensive training in the Advanced Manufacturing industry sector. Develops a broad collaboration of stakeholders in the region to champion their pathway efforts. The pathway includes many nontraditional workforce stakeholders including DHHS/Vocational Rehabilitation to ensure broad access to this pathway. • Workforce Development - Foothills Regional Commission
Hospitality & Tourism	Mountain Area	2017	Madison, Buncombe, Henderson, Transylvania	8-Western	In the hospitality & tourism industry, jobseekers can move from one pathway to another as they advance from entry-level to management. There are a diverse range of job opportunities available from over 50 craft breweries, boutique hotels, award winning restaurants and outdoor recreation. Provides comprehensive training in the Hospitality industry sector. Meets the growing need for skilled workers to perform all jobs within the occupation. The region is a natural fit for the state's first certified pathway in Hospitality and Tourism.

Advanced	Centralina,	2017	Gaston,	6-Southwest	This pathway is unique in that it articulates and formalizes careers along a trajectory not always thought to be high-demand or high-wage. • Hospitality Jobs Mountain Area Careers Western North Carolina Represents input and support from across the 10-county area and is a guide
Manufacturing	Charlotte Works, Gaston		Lincoln, Iredell, Rowan, Cabarrus, Stanly, Union, Anson, Mecklenburg		that students, jobseekers and those looking at new career paths can use to learn about how to gain the skills necessary for employment in this Prosperity Zone's advanced manufacturing industry. • Centralina Workforce Development Board: Centralina WDB and Regional Partners Receive Certified Career Pathway (centralinaworks.com) • Manufacturing - Charlotte Works
Health Sciences	Mid-Carolina, Lumber River	2017	Cumberland, Moore, Hoke Harnett, Sampson, Montgomery	4-Sandhills	Recognizing the value of regionalism, counties joined together in July 2016 to create a healthcare pathway with a focus on nursing. Broad pathway spanning multiple occupations within the healthcare cluster. Participants can take advantage of the multiple entry and exit points to pursue a sustainable career and a living wage. • Nursing-and-Allied-Health-Pathway-Overview.docx (live.com)
Healthcare/ Nursing	Cape Fear, Lumber River (The Sandhills Region)	2017	Robeson, Bladen, Columbus	2-Southeast 4-Sandhills	 Services for Job Seekers Ircog (lumberrivercog.org) Workforce Development1 - Cape Fear Council of Governments (capefearcog.org)
Nursing & Allied Health	Foothills	2017	Cleveland, McDowell, Polk, Rutherford	6-Southwest 7-Northwest 8-Western	Culmination of coordinated efforts between diverse stakeholder representatives from industry employers, education, community partners, & government/workforce development agencies to meet the increasing demand for health careers by enhancing existing programs and developing new strategies that capitalize on leveraged resources. • Workforce Development - Foothills Regional Commission
Nursing & Related Healthcare	High Country	2017	Ashe, Alleghany, Avery, Mitchell, Watauga, Wilkes, Yancey	7-Northwest	Allows entrance from many points: whether high school student, graduate, no experience, or credentials, work experienced, degrees, dislocated, etc. By taking a series of non-degree classes & certification coursework, an enrollee could qualify as a semi-skilled employee in the healthcare setting in as little as six weeks. • Career Pathways High Country (highcountrywdb.com)

Advanced Manufacturing	Capital Area, Durham	2017	Durham, Wake, Johnston Orange, Chatham, Lee	3-North Central	Triangle Regional Pathways is a collaboration between Capital Area, Durham, and Kerr-Tar workforce development boards. Provides comprehensive training in the Advanced Manufacturing industry sector. Builds on the existing Advanced Manufacturing Pathway in the Kerr-Tar service delivery area. • Advanced Manufacturing Careers - Triangle Career Pathways (CAWD)
Information Technology	Kerr-Tar, Durham	2017	Durham, Person, Granville, Vance, Warren, Franklin	3-North Central	Provides comprehensive training in the IT sector. Demonstrates a strong commitment to information technology training in and around RTP. • Workforce Development Perspectives (durhamnc.gov)
Health/Life Sciences	Capital Area, Kerr-Tar	2017	Wake, Johnston Person, Granville, Vance, Warren, Franklin Orange, Chatham, Lee	3-North Central	Provides comprehensive training in the Health Sciences sector. Extends existing pathway in Durham to its two regional partners. Capital Area, Durham and Kerr-Tar workforce development boards work together to develop certified career pathways in three areas. This certification for Capital Area and Kerr-Tar indicates their efforts to regionalize existing pathways to serve their respective workforce more efficiently. • Home - Triangle Career Pathways (CAWD)
Healthcare/ Nursing	Mountain Area	2017	Madison, Buncombe, Henderson, Transylvania	8-Western	Provides comprehensive training in the Health Sciences sector. Certifies a key strategic workforce development tool in the region. Provides sustainable nursing training to serve an aging population. • Healthcare-Pathway.pdf (mountainareacareers.org) • Healthcare Jobs Mountain Area Careers Western North Carolina
Advanced Manufacturing	Piedmont Triad, Guilford County (TriadWorks)	2017	Alamance, Randolph, Guilford, Davidson, Surry, Stokes, Rockingham, Caswell, Yadkin, Forsyth, Davie	3-North Central 4-Sandhills 5-Piedmont	Certifies a key strategic workforce development tool in the Triad region. Demonstrates a strong commitment to manufacturing careers in the region. Workforce boards worked together to develop this pathway that serves the greater Triad region. Provides invaluable services to the regional workforce and epitomizes the NCWorks Commission's strong commitment to regional efforts to streamline workforce development strategies. • Advanced Manufacturing Career Pathway document (ptrc.org)

Aviation	Guilford County, Piedmont Triad (TriadWorks)	2017	Alamance, Randolph, Guilford, Davidson, Surry, Stokes, Rockingham, Caswell, Yadkin, Forsyth, Davie	3-North Central 4-Sandhills 5-Piedmont	Certifies a key strategic workforce development tool in the Triad region. Demonstrates a strong commitment to setting the region up for continued aviation careers. The aviation industry sector pathway is one of the most established in the state. Having this pathway certified provides increased resources both for current and future enrollees as well as for the staff that serves this population. • Aviation Career Pathway information (ptrc.org)
Advanced Manufacturing	Eastern Carolina	2017	Carteret, Craven, Duplin, Greene, Jones, Lenoir, Onslow, Pamlico, Wayne	2-Southeast	Provides updated comprehensive training in the Advanced Manufacturing industry sector. Capitalizes on Eastern Carolina's strong presence of major manufacturing companies. Since early 2015 Eastern Carolina has worked to develop a pathway that meets the needs of Eastern NC's industries within the Advanced Manufacturing industry. It focuses heavily on the training and career awareness of pathway enrollees to ensure employer need is met. • Career Pathways Training Options Guide
Advanced Manufacturing	Western Piedmont	2017	Caldwell, Alexander, Burke, Catawba	7-Northwest	Provides comprehensive training in the Advanced Manufacturing industry sector. Strengthens collaboration between industry, community colleges and secondary education entities. Advanced Manufacturing has been an employment mainstay in the Western Piedmont area for decades. Western Piedmont's Advanced Manufacturing Pathway utilizes their established partnership with local industries and has worked to develop a solid education pipeline to address skill gaps within the industry. • Western Piedmont Advanced Manufacturing Career Paths Information
Transportation & Logistics	Guilford County, Piedmont Triad (<i>TriadWorks</i>)	2017	Alamance, Randolph, Guilford, Davidson, Surry, Stokes, Rockingham, Caswell, Yadkin, Forsyth, Davie	3-North Central 4-Sandhills 5-Piedmont	Provides comprehensive training in the transportation & logistics industry sector. Meets the growing need for skilled workers to perform varied positions within the occupation. Transportation & logistics is a growing industry in the Piedmont Triad region and intersects with two other clusters TriadWorks supports: Aviation and Advanced Manufacturing. Together, these three industry clusters provide the Triad workforce ample opportunities for upward mobility and diverse career options in the transportation field. • Piedmont Triad Regional Transportation and Logistics Pathway Information (ptrc.org)
Healthcare	Centralina, Charlotte Works, Gaston	2017	Gaston, Lincoln, Iredell, Rowan,	6-Southwest	Provides comprehensive training in the Healthcare industry sector. Combines urban and rural industry and education partners to expand options for workers and employers.

			Cabarrus, Stanly, Union, Anson, Mecklenburg		The Southwest Collaborative's regional application represents input from local healthcare employers committed to flexible career pathways for individuals in the local labor market to enter and grow the field of nursing. Long term industry buy-in is a key component of career pathways in this region. • Healthcare - Charlotte Works
Nursing & Allied Health	Western Piedmont	2018	Caldwell, Alexander, Burke, Catawba	7-Northwest	Provides comprehensive training in the Nursing and Healthcare industry sector. Strengthens collaboration between industry, community colleges and secondary education entities. The Nursing and Allied Healthcare industry is one of the largest and fastest growing industries in the nation, state, and Western Piedmont's local area. Utilizes established partnerships with community colleges and local education agencies to engage employers in developing a solid education pipeline to address skill gaps within the Nursing and Allied Healthcare industry. • Western Piedmont WDB Nursing Pathway information
Construction Technology	Cape Fear	2018	Pender, New Hanover, Brunswick, Columbus	2-Southeast 4-Sandhills	Provides comprehensive training in the Construction Technology industry sector. Meets the growing need for skilled workers to perform varied positions within the occupation. The Construction Industry in the Cape Fear Region continues to grow due to an increase in residents and tourist traffic. Industry in this region is committed to providing work-based learning opportunities for potential industry professionals at all career levels. • Workforce Development - Cape Fear Council of Governments (capefearcog.org)
Manufacturing & Welding	High Country	2018	Ashe, Alleghany, Avery, Mitchell, Watauga, Wilkes, Yancey	7-Northwest	Promotes career awareness at all education levels in the Manufacturing & Welding industry sector. Provides comprehensive training and education in the Manufacturing & Welding sector. Career awareness activities are a strong component in the High Country Region and include collaboration among industry, education partners and NCWorks Career Centers. Participating local education agencies and community colleges also provide professional development and custom training programs for the manufacturers in the area, along with stackable credentials available to prospective and incumbent employees. Expectations of a regional increase in awareness of occupations, in addition to a quantifiable increase in skilled employees, in manufacturing professions among youth, adults and other non-traditional populations so that the High Country can keep pace with current and projected workforce needs. • HCWDB-Manufacturing-Career-Pathway-FINAL-03.22.18.pdf (highcountrywdb.com)

Business Support Services	Northeastern, Rivers East, Turning Point	2018	Currituck, Camden, Pasquotank, Perquimans, Chowan, Gates, Washington, Tyrell, Dare, Hyde, Hertford, Bertie, Martin, Pitt, Beaufort, Northampton, Halifax, Nash, Edgecombe, Wilson	1-Northeast 3-North Central	Provides comprehensive training in the Business Support Services industry sector. Strengthens collaboration between industry, community colleges and secondary education entities. The Northeastern Business Support Pathway covers many sectors under one umbrella, including business administration and support, logistics and supply chain management, & IT. Collectively, these positions are projected to encompass 17% of all job openings in the Northeast and North Central NC Prosperity Zones in 2022. • Career-Pathway-Toolkit-for-Career-Advisors.pdf (nwdbworks.com) • https://nencpathways.org/business-support-services/
Health Sciences The Triangle South Health Care pathway	Triangle South (former area*)	2018	Chatham, Lee, Harnett, Sampson	3-North Central 4-Sandhills	Provides comprehensive training in the Healthcare industry sector. Meets the growing need for skilled workers to perform varied positions within the occupation. Designed to allow multiple and diverse populations access to training and employment throughout their careers. The foundation of the pathway is a traditional route starting in the public school system and moving through the community colleges and universities. There are also a wide range of entry/exit points for adults and dislocated workers, and opportunities for youth ranging from short-term certifications that can lead quickly to a job through to advanced degree programs. • https://trianglecareerpathways.com
Construction/ Skill Trades	Capital Area, Durham, Kerr- Tar (lead; Triangle Region Collaborative)	2018	Wake, Johnson, Durham, Caswell, Person, Granville, Vance, Warren, Franklin	3-North Central	Promotes career awareness at all education levels in the Construction/ Skilled Trades sector. Demonstrates employer commitment to leading the development and implementation of work-based learning opportunities. The Triangle Region aims to simplify students' choices by utilizing career roadmaps and visual graphics that show clear paths to high school completion, further education, and employment opportunities for the Construction and Skilled Trades Industry cluster. The region also emphasizes supporting students through a strong advising process that is embedded and ongoing in the pathway to help students make informed education and career choices. • Kerr-Tar-Construction-Pathway-Press-Release.pdf (kerrtarcog.org) • Construction & Trades Careers - Triangle Career Pathways (CAWD)

Advanced Manufacturing	Triangle South (former area*)	2018	Chatham, Lee, Harnett, Sampson	3-North Central 4-Sandhills	Designed to allow multiple and diverse populations access to training and employment throughout their careers. Prioritizes work-based learning as a strategy for career exploration and workforce engagement. The Triangle South's Advanced Manufacturing Pathway programs at the partner community colleges have advisory committees that review curricula and provide insight on future labor needs. These committees consist of professionals from local manufacturing companies who employ individuals at different stages of the Advanced Manufacturing pathway. In particular, Central Carolina's Innovation Center provides a facility through which students can obtain hands on experience in technical areas. • https://trianglecareerpathways.com/industry/advanced-manufacturing/
Transportation, Distribution, & Logistics	Eastern Carolina	2018	Wayne, Greene, Duplin, Lenoir, Jones, Craven, Onslow, Pamlico & Carteret	2-Southeast	Promotes career awareness at all education levels in the transportation industry sector Provides work-based learning opportunities that apply academic theory and hands-on training. • Career Pathways Training Options Guide
Energy Career Pathway	Foothills, Mountain Area, Western Piedmont, Gaston, Centralina, Charlotte Works (Southwest, Northwest & Western Carolina Alliance)	2019	Alexander, Anson, Buncombe, Burke, Cabarrus, Caldwell, Catawba, Cleveland, Gaston, Henderson, Iredell, Lincoln, McDowell, Madison, Mecklenburg, Polk, Rowan, Rutherford, Stanly, Transylvania, Union	8-Western, 6- Southwest, 7-Northwest	Provides comprehensive training in the Energy industry sector. Strengthens collaboration between industry, community colleges and secondary education entities. Multiple employment and career opportunities. High demand jobs, high wage jobs and career advancement opportunities. Covers 27 local education agencies, 14 community colleges. • Western Piedmont WDB • Career Maps - Charlotte Works
Aerospace and Aviation	Eastern Carolina	2020	Carteret, Craven, Duplin, Greene, Jones, Lenoir, Onslow,	2-Southeast	This area has become a growing region for Aerospace and Aviation manufacturing, maintenance, repair and overhaul and logistics with the major hub being the North Carolina Global TransPark (GTP) in Kinston. The GTP is home to several Aerospace and Aviation businesses as well as the Spirit-Lenoir Community College Composite Center of Excellence.

			Pamlico, Wayne		<u>Career Pathways Training Options Guide</u>
Construction and Skilled Trades	Eastern Carolina	2020	Carteret, Craven, Duplin, Greene, Jones, Lenoir, Onslow, Pamlico, Wayne	2-Southeast	Architecture & Construction: Individuals have the opportunity to move along a career pathway in a manner that allows them to seamlessly transfer credits should they want to continue their education. These stackable credentials can be earned beginning in high school through CTE programs. Residential, industrial and highway construction are all increasing and there is a consistent need for skilled workers. Hurricane Florence caused \$24B in damages to homes & businesses. • Career Pathways Training Options Guide
Agriscience/ Bio- Technology	Northeastern, Rivers East, Turning Point	2020	Wilson, Nash, Edgecombe, Halifax, Northampton, Hertford, Chowan, Martin, Pitt, Beaufort, Gates, Bertie, Perquimans, Pasquotank, Camden, Currituck Washington, Tyrell, Dare, Hyde	1-Northeast 3-North Central	In the Northeast, 195 businesses fall under the pathway for biotechnology & more than 2,000 businesses under agriculture. Biotechnology is an industry covering pathways in pharmaceutical manufacturing and genetic crop engineering. Nearly 500 CTE students in the NE were considered "concentrators" in agriculture during 2018/2019, while nearly 1000 students were provided opportunities for work-based learning in agriculture during that same period. Active 4-H and other agriculture-related clubs in every county. Many community college partners have developed pathway-related courses/programs. Many middle-high school CTE programs in NE offer agricultural-based courses and clubs. Secondary school students earned 339 agricultural industry-related credentials in 2018-2019. Focused on a collaborative initiative with Apprenticeship NC for agriculture apprenticeships. • Career-Pathway-Toolkit-for-Career-Advisors.pdf (nwdbworks.com) • https://nencpathways.org/agriscience-biotechnology/
Human Services	High Country, Western Piedmont, Foothills (Future Workforce Alliance)	2021	Alleghany, Alexander, Ashe, Avery, Burke, Caldwell, Catawba, Cleveland, Mitchell, McDowell, Polk, Rutherford, Yancey, Watauga, Wilkes	7-Northwest	The alliance and its partners will work to establish pathway as a systemwide framework that will enable students and adults with internship assistance, education, and training opportunities to advance into various types of occupations across the human services industry beyond social services. • Workforce Development - Foothills Regional Commission

Information Technology	Mountain Area	2023	Madison, Buncombe, Henderson, Transylvania	8-Western	Workforce region was recognized by LinkedIn data analysts to have the 7 th largest growing technology sector in the nation. The board will financially support IT employability skills, training with federal and non-federal funding, foster collaboration among workforce partners, and continue to develop partnerships between public and private sectors. • Pathway Summary
Advanced Manufacturing	Cape Fear	2024	Brunswick, Columbus, New Hanover, Pender	2-Southeast 4-Sandhills	The region has a rich history in manufacturing, beginning with the industries of wagon building, textiles, furniture manufacturing and ship building, progressing to modern aerospace and aviation controls manufacturing of the 21st century. Continued growth in the sector is supported by existing infrastructure including transportation via rail, modern interstate highways, and the Port of Wilmington. These key resources facilitate access to global supply chains, while providing a vehicle to transport products to market. In addition, strong investments in water and sewer expansion, modernizing electrical grids, and implementing Green Energy options create additional incentives for growth and expansion in the manufacturing sector. • Pathway Summary

^{*} Much of this former local area has since transitioned to being served by Capital Area Workforce Development Board.