



Youth Apprenticeship Program Areas and Occupational Pathways

Agriculture, Food and Natural Resources – 11 pathways	
Agriculture Mechanic Technician	
Animal Fundamentals	
Animal / Herd	
Arborist	
Crops	
Dairy Grazier	
Environmental Systems / Water Resources	
Floral / Greenhouse	
Landscaping	
Plant Fundamentals	
Small Animal / Veterinarian Technician	

Architecture & Construction – 9 pathways	
Architecture Drafting and Planning	
Carpentry Fundamentals	
Electrical Fundamentals	
Gas Distribution Technician	
Heavy Equipment Operator & Operating Engineer	
Masonry / Concrete Fundamentals	
Mechanical / HVAC Fundamentals	
Plumber / Sprinkler Fitter Fundamentals	
Utilities Electrical Technician	

Arts, Audio Visual Technology and Communication – 4 pathways	
Graphic Design	
Media Broadcast Technician	
Pre-Press Operator	
Post-Press Operator	

Business Administration – 2 pathways	
Administrative Professional	
Human Resource Professional	

Education – 2 pathways	
Early Childhood Education	
School Age Education	



Youth Apprenticeship Program Areas and Occupational Pathways

Finance – 3 pathways	
Accounting	
Banking	
Insurance	

Government and Public Administration – 1 pathway	
Project Management	

Health Science – 12 pathways	
Dental Assistant	
Dietary Aide	
Medical Assistant	
Medical Imaging	
Medical Laboratory Assistant	
Medical Office	
Nursing Assistant	
Optical Assistant	
Pharmacy Technician	
Phlebotomist	
Physical Therapy Aide	
Resident Aide	

Hospitality and Tourism – 3 pathways	
Food and Beverage	
Meetings and Events	
Lodging	

Human Services – 1 pathway	
Barber and Cosmetologist	

Information Technology (IT) – 4 pathways	
Broadband Technician	
IT Essentials	
IT Network and Security	
IT Software and Application Development	



Youth Apprenticeship Program Areas and Occupational Pathways

Law, Public Safety, Corrections and Security - 2 pathways	
Fire Protection	
Law Enforcement	

Manufacturing – 7 pathways	
Assembly and Packaging	
Industrial Equipment	
Electromechanical / Mechatronics	
Machining	
Manufacturing Processes	
Production Operations	
Welding	

Marketing – 5 pathways	
Marketing Communications	
Marketing Management/Leadership	
Marketing Research/Competitive Intelligence	
Merchandising	
Professional Sales	

Science, Technology, Engineering and Math (STEM) – 5 pathways	
Bioscience Lab Foundations	
Bioscience Applications	
Civil Engineering	
Engineering Drafting	
Mechanical / Electrical Engineering	



Youth Apprenticeship Program Areas and Occupational Pathways

Transportation, Distribution and Logistics – 12 pathways	
Airframe & Powerplant (A&P) Technician	
Airport Operations and Management	
Automotive Technician	
Aviation Maintenance Fundamentals	
Avionics Technician	
Collision Repair	
Diesel Technician	
Distribution and Transportation Operations	
Inventory Management	
Planning and Purchasing	
Storage and Warehousing	
Supply Chain Assistant	

Total Programs Areas: 16	Total Occupational Pathways: 83
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