



# Prerequisite Index

This document provides a full list of active Youth Apprenticeship programs available. Additional information is available on the Occupational Overview Guides and the On-the-Job Skills Checklist documents.

Please note:

- Programs with (\*) *must* be completed in Year 1 before starting a program listed in the Year 2 Only Programs column. For example, a youth apprentice must complete Aviation Maintenance Fundamentals in year one before moving on to Avionic Technician in year 2.
- Youth Apprentices completing a One Year Programs *without* a corresponding Year 2 Only Program do have the option to complete other One Year Programs in the same or different Occupational Area.
- Youth Apprentices completing a One Year Program with a Year 2 Only option can opt for a different One Year Program in the same or different Occupational Area.

Occupational Area	One Year Programs	Year 2 Only Programs
<b>Agriculture, Food, and Natural Resources</b>		
<b>Animal Pathway</b>	Animal Fundamentals*	Animal/Herd -OR- Dairy Grazier -OR- Small Animal/Veterinarian Technician
<b>Plant Pathway</b>	Arborist Year 1	Arborist Year 2
	Plant Fundamentals*	Crops -OR- Floral/Greenhouse
<b>Environmental Systems Pathway</b>	Basic Water Resources	Advanced Water Resources
<b>Power, Structural, and Technical Systems Pathway</b>	Agriculture Mechanic Technician Year 1	Agriculture Mechanic Technician Year 2
<b>Architecture and Construction</b>		
<b>Construction Pathway</b>	Carpentry Fundamentals Year 1	Carpentry Fundamentals Year 2
	Electrical Fundamentals Year 1	Electrical Fundamentals Year 2
	Heavy Equipment Operator and Operating Engineer	
	Masonry/Concrete Fundamentals Year 1	Masonry/Concrete Fundamentals Year 2
	Mechanical/HVAC Fundamentals	

	Plumber/Sprinkler Fitter Fundamentals	
<b>Design/Pre-Construction Pathway</b>	Architectural Drafting and Planning Year 1	Architectural Drafting and Planning Year 2
<b>Utilities Pathway</b>	Gas Distribution Technician	
	Utilities Field Technician	
<b>Arts, A/V Technology and Communications</b>		
<b>Printing Technology Pathway</b>	Graphic Design	
	Pre-Press Operator	
	Press and Post-Press Operator	
<b>Media Pathway</b>	Media Broadcast Technician Year 1	Media Broadcast Technician Year 2
<b>Business</b>		
<b>Business Pathway</b>	Administrative Professional Year 1	Administrative Professional Year 2
	Human Resource Professional Year 1	Human Resource Professional Year 2
<b>Education</b>		
<b>Education Pathway</b>	Early Childhood Education Year 1	Early Childhood Education Year 2
	School Age Education Year 1	School Age Education Year 2
<b>Finance</b>		
<b>Business Financial Management Pathway</b>	Accounting Year 1	Accounting Year 2
<b>Banking and Related Services Pathway</b>	Banking Year 1	Banking Year 2
<b>Insurance Pathway</b>	Insurance	
<b>Government and Public Administration</b>		
<b>Project Management</b>	Project Management Year 1	Project Management Year 2
<b>Health Science</b>		
<b>Therapeutic Services Pathway</b>	Dental Assistant Year 1	Dental Assistant Year 2
	Medical Assistant	
	Nursing Assistant Year 1	Nursing Assistant Year 2
	Pharmacy Technician	
	Resident Aide Year 1	Resident Aide Year 2
<b>Health Informatics Pathway</b>	Medical Office	
<b>Ambulatory/Support Services Pathway</b>	Dietary aide	

	Medical Laboratory Assistant	
	Medical Imaging	
	Optical Assistant	
	Phlebotomist	
	Physical Therapy Aide	
<b>Hospitality and Tourism</b>		
<b>Restaurant and Food/Beverage Services Pathway</b>	Food and Beverage Services	
<b>Lodging Pathway</b>	Lodging	
<b>Travel and Tourism Pathway</b>	Meetings and Events	
<b>Information Technology</b>		
<b>Information Technology Pathway</b>	IT Essentials*	IT Network and Security -OR- IT Software and Application Development
	IT Broadband Technician	
<b>Human Services</b>		
<b>Barber and Cosmetologist</b>	Barber and Cosmetologist Year 1	Barber and Cosmetologist Year 2
<b>Law, Public Safety, Corrections and Security</b>		
<b>Fire Protection Pathway</b>	Fire Protection Year 1	Fire Protection Year 2
<b>Law Enforcement Pathway</b>	Law Enforcement Year 1	Law Enforcement Year 2
<b>Manufacturing</b>		
<b>Production Pathway</b>	Assembly and Packaging	
	Machining Year 1	Machining Year 2
	Manufacturing Processes Year 1	Manufacturing Processes Year 2
	Welding Year 1	Welding Year 2
<b>Production Operations Management Pathway</b>	Production Operations	
<b>Maintenance, Installation, and Repair Pathway</b>	Industrial Equipment Year 1	Industrial Equipment Year 2
<b>Marketing</b>		
<b>Marketing Pathway</b>	Marketing Communications*	Marketing Management/Leadership -OR- Marketing Research/Competitive Intelligence
	Merchandising*	
	Professional Sales*	

<i>NOTE: Marketing Communications, Merchandising, or Professional Sales must be complete prior to selecting Marketing Management/Leadership or Marketing Research/Competitive Intelligence</i>		
<b>Science, Technology, Engineering, and Mathematics (STEM)</b>		
<b>Science and Math Pathway</b>	Bioscience Lab Foundations*	Bioscience Lab Applications
<b>Engineering and Technology Pathway</b>	Engineering Drafting*	Civil Engineering -OR- Mechanical/Electrical Engineering
<b>Transportation, Distribution and Logistics</b>		
<b>Aviation Pathway</b>	Aviation Maintenance Fundamentals*	Airframe and Powerplant -OR- Avionics Technician
	Airport Operations Management	
<b>Logistics/Supply Chain Management Pathway</b>	Supply Chain Assistant*	Distribution and Transportation -OR- Inventory Management -OR- Planning and Purchasing -OR- Storage and Warehousing
<b>Mobile Equipment Maintenance Pathway</b>	Automotive Technician Year 1	Automotive Technician Year 2
	Collision Repair Technician Year 1	Collision Repair Technician Year 2
	Diesel Technician Year 1	Diesel Technician Year 2