



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
Agriculture, Food, and Natural Resources		
Animal Pathway	Animal Fundamentals*	Animal/Herd -OR- Dairy Grazier -OR- Small Animal/Veterinarian Technician
Plant Pathway	Arborist Year 1	Arborist Year 2
	Plant Fundamentals*	Crops -OR- Floral/Greenhouse
Environmental Systems Pathway	Basic Water Resources	Advanced Water Resources
Power, Structural, and Technical Systems Pathway	Agriculture Mechanic Technician Year 1	Agriculture Mechanic Technician Year 2
Architecture and Construction		
Construction Pathway	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	
Design/Pre-Construction Pathway	Architectural Drafting and Planning Year 1	Architectural Drafting and Planning Year 2
Utilities Pathway	Gas Distribution Technician	
	Utilities Field Technician	
Arts, A/V Technology and Communications		
Printing Technology Pathway	Graphic Design	
	Pre-Press Operator	
	Press and Post-Press Operator	
Media Pathway	Media Broadcast Technician Year 1	Media Broadcast Technician Year 2
Business		
Business Pathway	Administrative Professional Year 1	Administrative Professional Year 2
	Human Resource Professional Year 1	Human Resource Professional Year 2
Education		
Education Pathway	Early Childhood Education Year 1	Early Childhood Education Year 2
	School Age Education Year 1	School Age Education Year 2
Finance		
Business Financial Management Pathway	Accounting Year 1	Accounting Year 2
Banking and Related Services Pathway	Banking Year 1	Banking Year 2
Insurance Pathway	Insurance	
Government and Public Administration		
Project Management	Project Management Year 1	Project Management Year 2
Health Science		
Therapeutic Services Pathway	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
Health Informatics Pathway	Medical Office	
Ambulatory/Support Services Pathway	Dietary aide	

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

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