

Youth Apprenticeship Occupational Program Areas and Pathways

Agriculture, Food and Natural Resources (AFNR) – 11 pathways		
AFNR Occupational Area Overview		
AFNR Related Instruction Guide		
YA Pathways	OJL PDF Format	Word Format DOCX
Agriculture Mechanic Technician	DETA-18825-32	DETA-18825-32
Animal Fundamentals	DETA-18825-22	DETA-18825-22
Animal Herd	DETA-18825-23	DETA-18825-23
Arborist	DETA-18825-74	DETA-18825-74
Crops	DETA-18825-26	DETA-18825-26
Dairy Graizer	DETA-18825-75	DETA-18825-75
Environmental Systems: Basic and Water Resources	DETA-18825-29	DETA-18825-29
Floral/Greenhouse	DETA-18825-27	DETA-18825-27
Landscaping	DETA-18825-28	DETA-18825-28
Plant Fundamentals	DETA-18825-25	DETA-18825-25
Small Animal/Veterinary Technician	DETA-18825-24	DETA-18825-24
Architecture and Construction – 9 pathways		
Architecture and Construction Occupational Area Overview		
Architecture and Construction Related Instruction Guide		
YA Pathways	OJL PDF Format	Word Format DOCX
Architectural Drafting and Planning	DETA-18825-33	DETA-18825-33
Carpentry Fundamentals	DETA-18825-35	DETA-18825-35
Electrical Fundamentals	DETA-18825-36	DETA-18825-36
Heavy Equipment Operator/Operating Engineer	DETA-18825-79	DETA-18825-79
Gas Distribution Technician	DETA-18825-85	DETA-18825-85
Masonry/Concrete Fundamentals	DETA-18825-37	DETA-18825-37
Mechanical/HVAC Fundamentals	DETA-18825-38	DETA-18825-38
Plumber/Sprinkler Fitter Fundamentals	DETA-18825-39	DETA-18825-39
Utilities Field Technician	DETA-18825-86	DETA-18825-86
Arts, Audio Visual Technology and Communications – 4 pathways		
Arts, AV Technology Occupational Area Overview		
Arts, AV Technology Related Instruction Guide		
YA Pathways	OJL PDF Format	Word Format DOCX
Graphic Design	DETA-18825-20	DETA-18825-20
Media Broadcast Technician	DETA-18825-87	DETA-18825-87
Press and Post-Press Operator	DETA-18825-21	DETA-18825-21
Pre-Press Operator	DETA-18825-72	DETA-18825-72
Business Administration – 2 pathways		
Business Administration Occupational Area Overview		
Business Administration Related Instruction Guide		

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YA Pathways	OJL PDF Format	Word Format DOCX
Administrative Professional	DETA-18825-95	DETA-18825-95
Human Resource Professional	DETA-18825-96	DETA-18825-96
Education – 2 pathways		
Education Occupational Area Overview		
Education Related Instruction Guide		
YA Pathways	OJL PDF Format	Word Format DOCX
Early Childhood Education	DETA-18825-93	DETA-18825-93
School Age Education	DETA-18825-94	DETA-18825-94
Finance – 3 pathways		
Finance Occupational Area Overview		
Finance Related Instruction Guide		
YA Pathways	OJL PDF Format	Word Format DOCX
Accounting	DETA-18825-1	DETA-18825-1
Banking	DETA-18825-2	DETA-18825-2
Insurance	DETA-18825-3	DETA-18825-3
Health Science – 12 pathways		
Health Science Occupational Area Overview		
Health Science Related Instruction Guide		
YA Pathways	OJL PDF Format	Word Format DOCX
Dental Assistant	DETA-18825-40	DETA-18825-40
Dietary Aide	DETA-18825-88	DETA-18825-88
Medical Assistant	DETA-18825-41	DETA-18825-41
Medical Imaging	DETA-18825-92	DETA-18825-92
Medical Laboratory Assistant	DETA-18825-43	DETA-18825-43
Medical Office	DETA-18825-4	DETA-18825-4
Nursing Assistant	DETA-18825-5	DETA-18825-5
Optical Assistant	DETA-18825-89	DETA-18825-89
Pharmacy Technician	DETA-18825-42	DETA-18825-42
Phlebotomist	DETA-18825-91	DETA-18825-91
Physical Therapy Aide	DETA-18825-90	DETA-18825-90
Resident Aide	DETA-18825-6	DETA-18825-6
Hospitality and Tourism 3 – pathways		
Hospitality and Tourism Occupational Area Overview		
Hospitality and Tourism Related Instruction Guide		
YA Pathways	OJL PDF Format	Word Format DOCX
Food and Beverage Service	DETA-18825-7	DETA-18825-7
Lodging	DETA-18825-8	DETA-18825-8
Meetings and Events	DETA-18825-9	DETA-18825-9

Youth Apprenticeship Occupational Program Areas and Pathways

Information Technology (IT) 4 - pathways		
IT Occupational Area Overview		
IT Related Instruction Guide		
YA Pathways	OJL PDF Format	Word Format DOCX
Broadband Technician	DETA-18825-10	DETA-18825-10
IT Essentials	DETA-18825-11	DETA-18825-11
IT Network Systems and Security	DETA-18825-12	DETA-18825-12
IT software and Application Development	DETA-18825-13	DETA-18825-13
Marketing – 5 Pathways		
Marketing Occupational Area Overview		
Marketing Related Instruction Guide		
YA Pathways	OJL PDF Format	Word Format DOCX
Marketing Communications	DETA-18825-46	DETA-18825-46
Marketing Management/Leadership	DETA-18825-48	DETA-18825-48
Marketing Research/Competitive Intelligence	DETA-18825-47	DETA-18825-47
Merchandising	DETA-18825-45	DETA-18825-45
Professional Sales	DETA-18825-44	DETA-18825-44
Manufacturing – 7 pathways		
Manufacturing Occupational Area Overview		
Manufacturing Related Instruction Guide		
YA Pathways	OJL PDF Format	Word Format DOCX
Assembly and Packaging	DETA-18825-14	DETA-18825-14
Electromechanical/Mechatronics	DETA-18825-71	DETA-18825-71
Industrial Equipment	DETA-18825-15	DETA-18825-15
Machining	DETA-18825-16	DETA-18825-16
Manufacturing Processes	DETA-18825-17	DETA-18825-17
Production Operations	DETA-18825-18	DETA-18825-18
Welding	DETA-18825-19	DETA-18825-19
Science, Technology, Engineering and Mathematics (STEM) – 5 pathways		
STEM Occupational Area Overview		
STEM Related Instruction Guide		
YA Pathways	OJL PDF Format	Word Format DOCX
Bioscience Applications	DETA-18825-53	DETA-18825-53
Bioscience Lab Foundations	DETA-18825-52	DETA-18825-52
Civil Engineering	DETA-18825-51	DETA-18825-51
Engineering Drafting	DETA-18825-49	DETA-18825-49
Mechanical/Electrical Engineering	DETA-18825-50	DETA-18825-50

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Transportation, Distribution and Logistics (TDL) – 12 pathways		
TDL Occupational Area Overview		
TDL Related Instruction Guide		
YA Pathways	OJL PDF Format	Word Format DOCX
Airframe and PowerPoint (A&P) Technician	DETA-18825-61	DETA-18825-61
Airport Operations Management	DETA-18825-65	DETA-18825-65
Automotive Technician	DETA-18825-62	DETA-18825-62
Aviation Maintenance Fundamentals	DETA-18825-60	DETA-18825-60
Avionics Technician	DETA-18825-63	DETA-18825-63
Collision Repair	DETA-18825-58	DETA-18825-58
Diesel Technician	DETA-18825-64	DETA-18825-64
Distribution and Transportation Operations	DETA-18825-57	DETA-18825-57
Inventory Management	DETA-18825-55	DETA-18825-55
Planning and Purchasing	DETA-18825-54	DETA-18825-54
Storage and Warehousing	DETA-18825-56	DETA-18825-56
Supply Chain Assistant	DETA-18825-59	DETA-18825-59