| Agriculture, Food and Natural Resou | rces (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 Grazier | DETA-18825-75 | DETA-18825-75 |
| Environmental Systems: Basic and | DETA-18825-29 | DETA-18825-29 |
| Water Resources | | |
| 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 pa | athways | |
| Architecture and Construction Occup | - | |
| Architecture and Construction Relate | d 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 | DETA-18825-79 | DETA-18825-79 |
| Operator/Operating Engineer | | |
| 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 | DETA-18825-39 | DETA-18825-39 |
| Fundamentals | | |
| Utilities Field Technician | DETA-18825-86 | DETA-18825-86 |
| | · | |
| Arts, Audio Visual Technology and C | ommunications – 4 pathways | |
| Arts, AV Technology Occupational Art | ea Overview | |
| Arts, AV Technology Related Instructi | ion 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 pathway | /S | |
| Business Administration Occupationa | | |
| Business Administration Related Instr | | |
| 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 Overvie | <u>w</u> | |
| 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 |
| Government and Public Administrat | ion - 1 pathway | |
| Government and Public Administration | | |
| Government and Public Administration | | |
| YA Pathways | OJL PDF Format | Word Format DOCX |
| Government Project Management | DETA-18825-98 | DETA-18825-98 |
| | <u>DETA-18823-38</u> | <u>DETA-18825-58</u> |
| Health Science – 12 pathways | | |
| Health Science Occupational Area Ov | | |
| Health Science Related Instruction G | <u>uide</u> | |
| YA Pathways | OJL PDF Format | Word Format DOCX |
| Dental Assistant | <u>DETA-18825-40</u> | <u>DETA-18825-40</u> |
| Dietary Aide | <u>DETA-18825-88</u> | <u>DETA-18825-88</u> |
| Medical Assistant | <u>DETA-18825-41</u> | <u>DETA-18825-41</u> |
| Medical Imaging | <u>DETA-18825-92</u> | <u>DETA-18825-92</u> |
| Medical Laboratory Assistant | <u>DETA-18825-43</u> | <u>DETA-18825-43</u> |
| Medical Office | <u>DETA-18825-4</u> | <u>DETA-18825-4</u> |
| Nursing Assistant | DETA-18825-5 | DETA-18825-5 |
| Optical Assistant | DETA-18825-89 | DETA-18825-89 |
| | | |
| Pharmacy Technician | DETA-18825-42 | DETA-18825-42 |
| Pharmacy Technician Phlebotomist | <u>DETA-18825-42</u> <u>DETA-18825-91</u> | DETA-18825-42 DETA-18825-91 |
| - | | |
| Phlebotomist | DETA-18825-91 | DETA-18825-91 |
| Phlebotomist Physical Therapy Aide Resident Aide | DETA-18825-91 DETA-18825-90 DETA-18825-6 | DETA-18825-91 DETA-18825-90 |
| Phlebotomist Physical Therapy Aide Resident Aide Hospitality and Tourism 3 – pathway | DETA-18825-91 DETA-18825-90 DETA-18825-6 | DETA-18825-91 DETA-18825-90 |
| Phlebotomist Physical Therapy Aide Resident Aide Hospitality and Tourism 3 – pathway Hospitality and Tourism Occupationa | DETA-18825-91 DETA-18825-90 DETA-18825-6 vs I Area Overview | DETA-18825-91 DETA-18825-90 |
| Phlebotomist Physical Therapy Aide Resident Aide Hospitality and Tourism 3 – pathway Hospitality and Tourism Occupationa Hospitality and Tourism Related Instr | DETA-18825-91 DETA-18825-90 DETA-18825-6 vs I Area Overview uction Guide | DETA-18825-91 DETA-18825-90 DETA-18825-6 |
| Phlebotomist Physical Therapy Aide Resident Aide Hospitality and Tourism 3 – pathway Hospitality and Tourism Occupationa Hospitality and Tourism Related Instr YA Pathways | DETA-18825-91 DETA-18825-90 DETA-18825-6 rs I Area Overview ruction Guide OJL PDF Format | DETA-18825-91 DETA-18825-90 DETA-18825-6 Word Format DOCX |
| Phlebotomist Physical Therapy Aide Resident Aide Hospitality and Tourism 3 – pathway Hospitality and Tourism Occupationa Hospitality and Tourism Related Instr | DETA-18825-91 DETA-18825-90 DETA-18825-6 vs I Area Overview uction Guide | DETA-18825-91 DETA-18825-90 |

| Human Services 1 - pathway | | | | | | |
|--|--|---|--|--|--|--|
| Human Services Occupational Area | Overview | | | | | |
| Human Services Related Instruction | | | | | | |
| YA Pathways | | | | | | |
| Barber and Cosmetologist | DETA-18825-97 | DETA-18825-97 | | | | |
| | | | | | | |
| Information Technology (IT) 4 - path | hways | | | | | |
| 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 | DETA-18825-13 | DETA-18825-13 | | | | |
| Development | | | | | | |
| | • | • | | | | |
| Law, Public Safety, Corrections and | Security 2 - pathways | | | | | |
| Law, Public Safety, Corrections and S | | ew | | | | |
| Law, Public Safety, Corrections and S | | | | | | |
| YA Pathways | OJL PDF Format | Word Format DOCX | | | | |
| Fire Protection | DETA-18825-99 | DETA-18825-99 | | | | |
| Law Enforcement | DETA-18825-100 | | | | | |
| Law Emolement | DETA-10025-100 | DETA-18825-100 | | | | |
| Marketing – 5 Pathways | | <u>DETA-18825-100</u> | | | | |
| | iew | <u>DETA-18825-100</u> | | | | |
| Marketing – 5 Pathways Marketing Occupational Area Overv Marketing Related Instruction Guide YA Pathways | iew CJL PDF Format | UETA-18825-100 Word Format DOCX | | | | |
| Marketing – 5 Pathways Marketing Occupational Area Overv Marketing Related Instruction Guide | iew 2 OJL PDF Format DETA-18825-46 | Word Format DOCX DETA-18825-46 | | | | |
| Marketing – 5 Pathways Marketing Occupational Area Overv Marketing Related Instruction Guide YA Pathways Marketing Communications Marketing | iew CJL PDF Format | Word Format DOCX | | | | |
| Marketing – 5 Pathways Marketing Occupational Area Overv Marketing Related Instruction Guide YA Pathways Marketing Communications Marketing Management/Leadership | iew DJL PDF Format DETA-18825-46 DETA-18825-48 | Word Format DOCX DETA-18825-46 DETA-18825-48 | | | | |
| Marketing – 5 Pathways <u>Marketing Occupational Area Overv</u> <u>Marketing Related Instruction Guide</u> <u>YA Pathways</u> Marketing Communications Marketing Management/Leadership Marketing Research/Competitive | iew 2 OJL PDF Format DETA-18825-46 | Word Format DOCX DETA-18825-46 | | | | |
| Marketing – 5 Pathways Marketing Occupational Area Overv Marketing Related Instruction Guide YA Pathways Marketing Communications Marketing Management/Leadership Marketing Research/Competitive Intelligence | iew 2 OJL PDF Format DETA-18825-46 DETA-18825-48 DETA-18825-47 | Word Format DOCX DETA-18825-46 DETA-18825-48 DETA-18825-47 | | | | |
| Marketing – 5 Pathways Marketing Occupational Area Overv Marketing Related Instruction Guide YA Pathways Marketing Communications Marketing Management/Leadership Marketing Research/Competitive Intelligence Merchandising | iew OJL PDF Format DETA-18825-46 DETA-18825-48 DETA-18825-47 DETA-18825-45 | Word Format DOCX DETA-18825-46 DETA-18825-48 DETA-18825-47 DETA-18825-45 | | | | |
| Marketing – 5 Pathways Marketing Occupational Area Overv Marketing Related Instruction Guide YA Pathways Marketing Communications Marketing Management/Leadership Marketing Research/Competitive Intelligence | iew 2 OJL PDF Format DETA-18825-46 DETA-18825-48 DETA-18825-47 | Word Format DOCX DETA-18825-46 DETA-18825-48 DETA-18825-47 | | | | |
| Marketing – 5 Pathways <u>Marketing Occupational Area Overv</u> <u>Marketing Related Instruction Guide</u> <u>YA Pathways</u> Marketing Communications Marketing Management/Leadership Marketing Research/Competitive Intelligence Merchandising Professional Sales | iew OJL PDF Format DETA-18825-46 DETA-18825-48 DETA-18825-47 DETA-18825-45 | Word Format DOCX DETA-18825-46 DETA-18825-48 DETA-18825-47 DETA-18825-45 | | | | |
| Marketing – 5 Pathways Marketing Occupational Area Overv Marketing Related Instruction Guide YA Pathways Marketing Communications Marketing Management/Leadership Marketing Research/Competitive Intelligence Merchandising Professional Sales Manufacturing – 7 pathways | iew 2 OJL PDF Format DETA-18825-46 DETA-18825-48 DETA-18825-47 DETA-18825-47 DETA-18825-44 | Word Format DOCX DETA-18825-46 DETA-18825-48 DETA-18825-47 DETA-18825-45 | | | | |
| Marketing – 5 Pathways Marketing Occupational Area Overv Marketing Related Instruction Guide YA Pathways Marketing Communications Marketing Management/Leadership Marketing Research/Competitive Intelligence Merchandising Professional Sales Manufacturing – 7 pathways Manufacturing Occupational Area O | iew 2 OJL PDF Format DETA-18825-46 DETA-18825-48 DETA-18825-47 DETA-18825-47 DETA-18825-47 Verview | Word Format DOCX DETA-18825-46 DETA-18825-48 DETA-18825-47 DETA-18825-45 | | | | |
| Marketing – 5 Pathways Marketing Occupational Area Overv Marketing Related Instruction Guide YA Pathways Marketing Communications Marketing Management/Leadership Marketing Research/Competitive Intelligence Merchandising Professional Sales Manufacturing – 7 pathways Manufacturing Occupational Area O Manufacturing Related Instruction G | iew OJL PDF Format DETA-18825-46 DETA-18825-48 DETA-18825-47 DETA-18825-47 DETA-18825-45 DETA-18825-44 | Word Format DOCX DETA-18825-46 DETA-18825-48 DETA-18825-47 DETA-18825-45 DETA-18825-44 | | | | |
| Marketing – 5 Pathways Marketing Occupational Area Overv Marketing Related Instruction Guide YA Pathways Marketing Communications Marketing Management/Leadership Marketing Research/Competitive Intelligence Merchandising Professional Sales Manufacturing – 7 pathways Manufacturing Occupational Area O Manufacturing Related Instruction C YA Pathways | iew OJL PDF Format DETA-18825-46 DETA-18825-48 DETA-18825-47 DETA-18825-47 DETA-18825-45 DETA-18825-44 | Word Format DOCX DETA-18825-46 DETA-18825-48 DETA-18825-47 DETA-18825-45 DETA-18825-44 | | | | |
| Marketing – 5 Pathways Marketing Occupational Area Overv Marketing Related Instruction Guide YA Pathways Marketing Communications Marketing Management/Leadership Marketing Research/Competitive Intelligence Merchandising Professional Sales Manufacturing – 7 pathways Manufacturing Occupational Area O Manufacturing Related Instruction O YA Pathways Assembly and Packaging | iew 2 OJL PDF Format DETA-18825-46 DETA-18825-48 DETA-18825-47 DETA-18825-47 DETA-18825-45 DETA-18825-44 verview Outperview Outperview Outperview OUTA-18825-14 OUL PDF Format | Word Format DOCX DETA-18825-46 DETA-18825-48 DETA-18825-47 DETA-18825-45 DETA-18825-44 Word Format DOCX DETA-18825-14 | | | | |
| Marketing – 5 Pathways Marketing Occupational Area Overv Marketing Related Instruction Guide YA Pathways Marketing Communications Marketing Management/Leadership Marketing Research/Competitive Intelligence Merchandising Professional Sales Manufacturing – 7 pathways Manufacturing Occupational Area O Manufacturing Related Instruction O YA Pathways Assembly and Packaging Electromechanical/Mechatronics | iew OJL PDF Format DETA-18825-46 DETA-18825-48 DETA-18825-47 DETA-18825-47 DETA-18825-45 DETA-18825-44 Verview Guide OJL PDF Format DETA-18825-14 DETA-18825-71 | Word Format DOCX DETA-18825-46 DETA-18825-48 DETA-18825-47 DETA-18825-45 DETA-18825-44 Word Format DOCX DETA-18825-14 DETA-18825-71 | | | | |
| Marketing – 5 Pathways Marketing Occupational Area Overv Marketing Related Instruction Guide YA Pathways Marketing Communications Marketing Management/Leadership Marketing Research/Competitive Intelligence Merchandising Professional Sales Manufacturing – 7 pathways Manufacturing Cocupational Area O Manufacturing Related Instruction G YA Pathways Assembly and Packaging Electromechanical/Mechatronics Industrial Equipment | iew iew OJL PDF Format DETA-18825-46 DETA-18825-48 DETA-18825-47 DETA-18825-47 DETA-18825-44 Verview Guide OJL PDF Format DETA-18825-14 DETA-18825-14 DETA-18825-15 | Word Format DOCX DETA-18825-46 DETA-18825-48 DETA-18825-47 DETA-18825-45 DETA-18825-44 Word Format DOCX DETA-18825-14 DETA-18825-71 DETA-18825-15 | | | | |
| Marketing – 5 Pathways Marketing Occupational Area Overv Marketing Related Instruction Guide YA Pathways Marketing Communications Marketing Management/Leadership Marketing Research/Competitive Intelligence Merchandising Professional Sales Manufacturing – 7 pathways Manufacturing Related Instruction O YA Pathways Assembly and Packaging Electromechanical/Mechatronics Industrial Equipment Machining | iew OJL PDF Format DETA-18825-46 DETA-18825-48 DETA-18825-47 DETA-18825-47 DETA-18825-45 DETA-18825-44 Verview Guide OJL PDF Format DETA-18825-14 DETA-18825-71 | Word Format DOCX DETA-18825-46 DETA-18825-48 DETA-18825-47 DETA-18825-45 DETA-18825-44 Word Format DOCX DETA-18825-14 DETA-18825-71 | | | | |
| Marketing – 5 Pathways Marketing Occupational Area Overv Marketing Related Instruction Guide YA Pathways Marketing Communications Marketing Management/Leadership Marketing Research/Competitive Intelligence Merchandising Professional Sales Manufacturing – 7 pathways Manufacturing Occupational Area O Manufacturing Related Instruction O YA Pathways Assembly and Packaging Electromechanical/Mechatronics Industrial Equipment Manufacturing Processes | iew iew OJL PDF Format DETA-18825-46 DETA-18825-48 DETA-18825-47 DETA-18825-47 DETA-18825-44 Verview Guide OJL PDF Format DETA-18825-14 DETA-18825-14 DETA-18825-15 | Word Format DOCX DETA-18825-46 DETA-18825-48 DETA-18825-47 DETA-18825-45 DETA-18825-44 Word Format DOCX DETA-18825-14 DETA-18825-71 DETA-18825-15 | | | | |
| Marketing – 5 Pathways Marketing Occupational Area Overv Marketing Related Instruction Guide YA Pathways Marketing Communications Marketing Management/Leadership Marketing Research/Competitive Intelligence Merchandising Professional Sales Manufacturing – 7 pathways Manufacturing Related Instruction O YA Pathways Assembly and Packaging Electromechanical/Mechatronics Industrial Equipment Machining | iew OJL PDF Format DETA-18825-46 DETA-18825-48 DETA-18825-47 DETA-18825-47 DETA-18825-47 DETA-18825-44 Verview Suide OJL PDF Format DETA-18825-14 DETA-18825-14 DETA-18825-15 DETA-18825-16 | Word Format DOCX DETA-18825-46 DETA-18825-48 DETA-18825-47 DETA-18825-45 DETA-18825-44 Word Format DOCX DETA-18825-14 DETA-18825-15 DETA-18825-16 | | | | |

| 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 | | | |
| | • | | | | |
| Transportation, Distribution and Lo | gistics (TDL) – 12 pathways | | | | |
| TDL Occupational Area Overview | | | | | |
| TDL Related Instruction Guide | | | | | |
| YA Pathways | OJL PDF Format | Word Format DOC | | | |
| Airframe and PowerPoint (A&P) | DETA-18825-61 | DETA-18825-61 | | | |
| Technician | | | | | |
| Airport Operations Management | DETA-18825-65 | DETA-18825-65 | | | |
| Automotive Technician | DETA-18825-62 | DETA-18825-62 | | | |
| Aviation Maintenance | DETA-18825-60 | DETA-18825-60 | | | |
| Fundamentals | | | | | |
| 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 | DETA-18825-57 | DETA-18825-57 | | | |
| Operations | | | | | |
| 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 | | | |



Aviation Maintenance Fundamentals

Youth Apprenticeship

AVIATION MAINTENANCE FUNDAMENTALS

Aviation Maintenance Fundamentals youth apprentices gain various, high-demand aircraft maintenance skills. All youth apprentices must take the Aviation Maintenance Fundamentals the first year and can specialize in Airframe and Powerplant (A&P) or Avionics the second year. Apprentices must adhere to industry safety and security standards.

Length of Apprenticeship: One year. Youth apprentices can enter the Airframe and Powerplant (A&P) or Avionics youth apprenticeship for a second year.

OCCUPATIONAL COMPETENCIES

Aviation Maintenance Fundamentals youth apprentices must complete **a total of 8** Aviation Maintenance Fundamentals competencies in year 1. Employers can substitute up to **1** competency with other occupationally appropriate skills. Substitutions must be added to the competency list for assessment. Note that where necessary, skills can be simulated.

Competencies

- 1. Follow safety procedures working around aircrafts/aircraft etiquette
- 2. Obtain required tools, equipment, and materials
- 3. Maintain work area
- 4. Operate tools and equipment safely
- 5. Use technical manuals and drawings (blueprint reading)
- 6. Perform preventative maintenance
- 7. Perform preflight aircraft service
- 8. Assist with basic wiring

POST-SECONDARY PATHWAY OPPORTUNITIES

There are several post-secondary pathway opportunities in this area. The -following is a partial list.

- Aviation Technician Powerplant
- Aviation Mechanic (Airframe)
- Information Technology (IT) Network (Avionics Technician)



Aviation Maintenance Fundamentals

Youth Apprenticeship ON-THE-JOB LEARNING PERFORMANCE STANDARDS GUIDE (TO BE COMPLETED BY YA CONSORTIUM)

YOUTH APPRENTICE INFORMATION

| Youth Apprentice Name | | | | |
|-----------------------|-----------------------------|--|--|--|
| YA Coordinator | YA Consortium | | | |
| School District | High School Graduation Date | | | |
| | | | | |

REQUIREMENTS

Level One Requirements

Youth apprentices must complete ALL the items listed below. Check completed areas.

- Competency checklist
- Employability Skills checklist (in this OJL Guide) or the DPI Employability Skills Certificate
- Related instruction equal to 1 high school credit or at least 3 college credits
- Minimum of 450 work hours

HOURS

Record the hours the youth apprentice worked.

| Total Hours Employed | Company Name | Telephone Number |
|----------------------|--------------|------------------|
| | | |
| | | |
| | | |
| | | |

RELATED INSTRUCTION

YEAR 1: Indicate which related instruction courses the youth apprentice completed.

| Dual Credit | Course Number and Title | Credits | Instruction Provider |
|----------------|-------------------------|---------|----------------------|
| | | | |
| | | | |
| | | | |
| | | | |

SIGNATURES

The On-the-Job Learning Performance Standards Guide includes a list of competencies youth apprentices learn through mentoring and training at the worksite.

Instructions for the Worksite Employers/Mentors and School-Based or YA coordinators: This document should be reviewed with the employer/mentor, school-based or YA coordinator on a regular basis with the youth apprentice to record progress and plan future steps to ensure completion of the required competencies. Mentors, school-based/YA coordinator, and the apprentice sign below.

| Employer/Mentor Signature | Employer/Mentor Signature |
|--|--|
| Employer/Mentor | Employer/Mentor |
| Business/Company | Business/Company |
| Date Signed | Date Signed |
| | |
| School-Based and/or YA Coordinator Signature | School-Based and/or YA Coordinator Signature |
| School-Based and/or YA Coordinator | School-Based and/or YA Coordinator |
| School District or Organization | School District or Organization |
| Date Signed | Date Signed |
| | |
| Youth Apprentice Signature | Youth Apprentice Signature |
| Youth Apprentice | Youth Apprentice |
| School District / High School | School District / High School |
| Date Signed | Date Signed |
| | |

EMPLOYABILITY SKILLS (TO BE COMPLETED BY YA EMPLOYER/MENTOR)

Youth apprentices must demonstrate key employability skills.

The DWD YA program employability skills requirement may be attained and demonstrated through two processes. (See options listed below.) Employability skills must be completed for every year a student is in the program. The DPI Employability Skills Certificate may be counted as meeting one of those two years, provided the certificate is earned in the same year the student is enrolled in youth apprenticeship or they can complete the YA Employability Skills in the OJL. The Employability Skills Certificate must be obtained through the DPI.

 If a student has successfully completed a Wisconsin Department of Public Instruction (DPI) State-Certified Cooperative Education, <u>Co-Op Employability Skill certification</u> then they have met the YA Employability Skills requirement for that year. A copy of the student's DPI Co-Op Employability Skill Certificate must be maintained on file with their YA regional consortium.

Earned Wisconsin Employability Skills Certificate (checked if applicable) or,

2. Completed and rated "Employability Skills" through this YA OJL guide as described below.

| 3 | <i>Exceeds Expectations:</i> Exceeds entry-level criteria; requires minimal supervision; consistently displays this behavior |
|---|---|
| 2 | <i>Meets Expectations:</i> Meets entry-level criteria; requires some supervision; often displays this behavior |
| 1 | <i>Working to Meet Expectations:</i> Needs improvement; requires much assistance and supervision; rarely displays this behavior |

The following skills are required of all youth apprentices.

| | Employability Skills Rating | | | |
|----|--|---|----------------------------|---|
| | Competency and Rating Criteria | | n Rating of Check Ratin | |
| | | 1 | 2 | 3 |
| 1. | Develops positive work relationships with others. Examples of qualities and habits that the employee might exhibit include Interacts with others with respect and in a non-judgmental manner Responds to others in an appropriate and non-offensive manner Helps co-workers and peers accomplish tasks or goals Applies problem-solving strategies to improve relations with others When managing others, shows traits such as compassion, listening, coaching, team development, and appreciation | | | |

| Employability Skills | | | Rating | |
|----------------------|--|---------------|------------|---|
| Minimur | | n Rating of 2 | 2 for EACH | |
| | Competency and Rating Criteria | Check Rating | | g |
| | | 1 | 2 | 3 |
| 2. | Communicates effectively with others Examples of qualities and habits that the employee might exhibit include Adjusts the communication approach for the target audience, purpose, and situation to maximize impact Organizes messages/information in a logical and helpful manner Speaks clearly and writes legibly Models behaviors to show active listening Applies what was read to actual practice Asks appropriate questions for clarity | | | |
| 3. | Collaborates with others Examples of qualities and habits that the employee might exhibit include Works effectively in teams with people of diverse backgrounds regardless of sex, race, ethnicity, nationality, sexuality, religion, political views, and abilities Shares responsibility for collaborative work and decision making Uses the problem-solving process to work through differences of opinion in a constructive manner to achieve a reasonable compromise Avoids contributing to an unproductive group conflict Shares information and carries out responsibilities in a timely manner | | | |
| 4. | Maintains composure under pressure Examples of qualities and habits that the employee might exhibit include Uses critical thinking to determine the best options or outcomes when faced with a challenging situation Carries out assigned duties while under pressure Acts in a respectful, professional, and non-offensive manner while under pressure Applies stress management techniques to cope under pressure | | | |
| 5. | Demonstrates integrity Examples of qualities and habits that the employee might exhibit include Carries out responsibilities in an ethical, legal and confidential manner Responds to situations in a timely manner Takes personal responsibility to correct problems Models behaviors that demonstrate self-discipline, reliability, and dependability | | | |

| | Employability Skills | | Rating | |
|----|--|--------------|-------------|------------|
| | | Minimun | n Rating of | 2 for EACH |
| | Competency and Rating Criteria | Check Rating | | |
| | , , , | 1 | 2 | 3 |
| 6. | Performs quality work <i>Examples of qualities and habits that the employee might exhibit include</i> Carries out written and verbal directions accurately Completes work efficiently and effectively Performs calculations accurately Conserves resources, supplies, and materials to minimize costs and environmental impact Uses equipment, technology, and work strategies to improve workflow Applies problem-solving strategies to improve productivity Adheres to worksite regulations and practices Maintains an organized work area | | | 3 |
| 7. | Provides quality goods or services (internal and external) Examples of qualities and habits that the employee might exhibit include Shows support for the organizational goals and principles by own personal actions Displays a respectful and professional image to customers Displays an enthusiastic attitude and desire to take care of customer needs Seeks out ways to increase customer satisfaction Produces goods to workplace specifications | | | |
| 8. | Shows initiative and self-direction <i>Examples of qualities and habits that the employee might exhibit include</i> Prioritizes and carries out responsibilities without being told Responds with enthusiasm and flexibility to handle tasks that need immediate attention Reflects on any unsatisfactory outcome as an opportunity to learn Improves personal performance by doing something different or differently Analyzes how own actions impact the overall organization Supports own action with sound reasoning and principles Balances personal activities to minimize interference with work responsibilities | | | |

| Employability Skills | Rating | | |
|--|------------------------------|--------------|------------|
| | Minimum Rating of 2 for EACH | | 2 for EACH |
| Competency and Rating Criteria | | Check Rating | |
| | 1 | 2 | 3 |
| 9. Adapts to change Examples of qualities and habits that the employee might exhibit include Shows flexibility and willingness to learn new skills for various job roles Uses problem-solving and critical-thinking skills to cope with changing circumstances Modifies own work behavior based on feedback, unsatisfactory outcomes, efficiency, and effectiveness Displays a "can do" attitude | | | |
| 10. Demonstrates safety and security regulations and practices <i>Examples of qualities and habits that the employee might exhibit include</i> Follows personal safety requirements Maintains a safe work environment Demonstrates professional role in an emergency Follows security procedures Maintains confidentiality | | | |
| 11. Applies job-related technology, information, and media Examples of qualities and habits that the employee might exhibit include Applies technology effectively in the workplace Assesses and evaluates information on the job Assesses training manuals, website, and other media related to the job | | | |
| 12. Fulfills training or certification requirements for employment <i>Examples of this requirement may include</i> Participation in required career-related training and/or educational programs Passing certification tests to qualify for licensure and/or certification Participation in company training or orientation | | | |
| 13. Sets personal goals for improvement Examples of this requirement may include Setting goals that are specific and measurable Setting work-related goals that align with the organization's mission Identifying strategies to reach goals Reflecting on goal progress to regularly evaluate and modify goals | | | |

OCCUPATIONAL COMPETENCIES

(TO BE COMPLETED BY YA EMPLOYER/MENTOR)

Aviation Maintenance Fundamentals youth apprentices must complete **a total of 8** Aviation Maintenance Fundamentals competencies in year 1. Employers can substitute up to **1** competency with other occupationally appropriate skills. Substitutions must be added to the competency list for assessment. Note that where necessary, skills can be simulated.

Rating Scale

- 3: Exceeds entry level criteria | Requires minimal supervision | Consistently displays this behavior
- 2: Meets entry level criteria | Requires some supervision | Often displays this behavior
- 1: Needs improvement | Requires much assistance and supervision | Rarely displays this behavior

If any competencies are rated "1" on the final performance review checklist that is submitted to WI DWD it is considered a failed checklist.

| Occupational Competencies | | Rating | |
|---|---------|---|---|
| Competency and Rating Criteria | Minimur | Minimum Rating of 2 for EAC Check Rating | |
| | 1 | 2 | 3 |
| Follow safety procedures working around aircrafts/aircraft etiquette assess general work area safety wear proper Personal Protective Equipment (PPE) identify unsafe work area elements assess aircraft support safety identify trip hazards identify fluid leaks on surfaces walk in safe areas/identify security areas report safety concerns/violations to supervisor document use and/or maintenance follow Federal Aviation Administration (FAA) regulations and technical documents | | | |
| 2. Obtain required tools, equipment, and materials determine procedure to be completed select required tools, equipment, and materials follow tool/equipment checkout procedures verify tool/equipment is current for preventative maintenance and/or calibration use tool for intended purpose | | | |

| | Occupational Competencies | | Rating | | |
|----|---|---------|---------------|----------|--|
| | | Minimun | n Rating of 2 | for EACH | |
| | Competency and Rating Criteria | | Check Rating | | |
| | | 1 | 2 | 3 | |
| 3. | Maintain work area | | | | |
| | retrieve manuals | | | | |
| | organize tools | | | | |
| | sweep work area | | | | |
| | put equipment away | | | | |
| | clean work area | | | | |
| | dispose of garbage and recyclables | | | | |
| | return tools to proper location | | | | |
| | notify supervisor of safety concerns or violations | | | | |
| | complete service documentation | | | | |
| 4. | Operate tools and equipment safely | | | | |
| | operate only equipment trained on | | | | |
| | verify tool/equipment is available for use and in working order | | | | |
| | select safety equipment and personal protective equipment (PPE) | | | | |
| | operate tool/equipment appropriate for the job task | | | | |
| | operate tool/equipment without modification | | | | |
| | monitor tool/equipment for safe operation while | | | | |
| | operating | | | | |
| | shut down equipment when task is complete | | | | |
| | notify employer if tool/equipment not operating as expected | | | | |
| | document use and/or maintenance | | | | |
| 5. | Use technical manuals and drawings (blueprint reading) | | | | |
| | access electronic data system | | | | |
| | select appropriate maintenance manual | | | | |
| | obtain equipment and materials needed | | | | |
| | follow safety and service procedures | | | | |
| | identify work instructions for task | | | | |
| 1 | identify tools for work task on manual/drawing | | | | |
| 1 | identify job/task specifications | | | | |
| | adhere to all maintenance regulations | | | | |
| | | | | | |

| | Occupational Competencies | _ | Rating | |
|----|---|------------------------------|--------|----|
| | | Minimum Rating of 2 for EACH | | |
| | Competency and Rating Criteria | Check Rating | | Ĩ. |
| | | 1 | 2 | 3 |
| 6. | Perform preventative maintenance | | | |
| | obtain equipment and materials needed | | | |
| | follow safety and service procedures | | | |
| | remove aircraft panels | | | |
| | aid changing aircraft oil | | | |
| | replace wheel bearings | | | |
| | check safety wires | | | |
| | inspect ports | | | |
| | change spark plugs | | | |
| | change batteries | | | |
| | change lightbulbs | | | |
| | change air filters | | | |
| | service struts | | | |
| | cleanup work area | | | |
| | return tools to proper location | | | |
| | complete service documentation | | | |
| | | | | |
| 7. | Perform preflight aircraft service | | | |
| | obtain equipment and materials needed | | | |
| | follow safety and service procedures | | | |
| | check fuel | | | |
| | fuel aircraft | | | |
| | check oil levels | | | |
| | check oxygen levels | | | |
| | check tire pressure | | | |
| | check light function | | | |
| | clean windshield | | | |
| | clean exterior of aircraft | | | |
| | perform visual inspection of brakes | | | |
| | perform visual inspection of wheels and tires | | | |
| | inspect exterior surfaces for corrosion | | | |
| | select proper cleaning solution for different materials | | | |
| | dispose of used hazardous materials | | | |
| | assist de-icing an aircraft | | | |
| | assist safe movement of aircraft (wing walking) | | | |
| | cleanup work area | | | |
| | return tools to proper location | | | |
| | complete service documentation | | | |

| Occupational Competencies | | Rating | |
|---|------------------------------|-------------|---|
| | Minimum Rating of 2 for EACH | | |
| Competency and Rating Criteria | | Check Ratin | g |
| | 1 | 2 | 3 |
| 8. Assist with basic wiring | | | |
| obtain equipment and materials needed | | | |
| follow safety and service procedures | | | |
| interpret wiring diagrams | | | |
| use a multimeter | | | |
| identify pins, connectors, and wire numbers | | | |
| identify faulty wiring | | | |
| assist with repair of wiring | | | |
| install and secure wire harnesses | | | |
| clean parts | | | |
| cleanup work area | | | |
| return tools to proper location | | | |
| complete service documentation | | | |
| Competency Substitute (if you replaced a competency above, | | | |
| note the competency and rating) | | | |
| Comments: | | | |



Post-Program Completion Survey

Youth Apprenticeship

YA POST-PROGRAM COMPLETION SURVEY: EMPLOYER FEEDBACK

Employers complete the following information. YA Coordinators will enter this into the Post-Program Completion Survey.

| YA Employer Post-Program Completion Questions | | |
|--|---------------|--|
| Will you offer or have you offered the Youth Apprentice a continuing position with your company? | ☐ Yes ☐ No | |
| If continuing position offered to youth apprentice, did they accept? | Yes | |
| If yes, please answer the questions below: | | |
| Was the offer for full time or part time work? | Full-time | |
| Title of the position offered: | | |
| What is the wage of the continuing employment offer? | | |
| If applicable, will the youth apprentice advance to a Registered Apprenticeship? | | |

YA POST-PROGRAM COMPLETION SURVEY: COMPLETED BY YA CONSORTIUM

The <u>Post-Program Completion Survey</u> form is to be provided to each student completing the Youth Apprenticeship program to capture information on the student's plans after leaving the program. This **form should be completed by the Youth Apprenticeship Coordinator** to capture information from all high school seniors and their employers after successful completion of the Youth Apprenticeship Program.

The form should be completed during the final meeting between the student, mentor, and Youth Apprenticeship Coordinator, when the final checklist or On-the-Job Learning (OJL) Guide is filled out and signed. Information captured on this form must be entered online using the Bureau of Apprenticeship Standards Electronic Records System (BASERS).

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DWD is an equal opportunity employer and service provider. If you have a disability and need assistance with this information, please dial 7-1-1 for Wisconsin Relay Service. Please contact the Division of Employment and Training at 888-258-9966 and press 6 to request information in an alternate format, including translated to another language.

