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| **Framework Title:** Career Cluster Skills (CS).08-.09 |
| **CIP Code:**  | **Total Framework Hours up to:**  |
| **Course: CS.08-.09 Level 1,2, and 3** |  **Exploratory Preparatory**  |
| **Career Cluster: AFNR Cluster Pathway: CS .08-.09 Date Last Modified:**  |
| **Pathway Content Standard:** |
| **Performance Assessments** |
| **CS.08. Performance Element: Technical Skills: Use tools, equipment, machinery and technology appropriate to work within areas related to AFNR.** |
| ***STANDARDS AND PERFORMANCE INDICATORS*** |
| **CS.08.01. Performance Indicator:** Evaluate and select the appropriate tool to perform a given task.**CS.08.02. Performance Indicator:** Use appropriate protective equipment and handle AFNR tools and equipment to demonstrate safe and proper use of the tools and equipment. **Sc F5****CS.08.03. Performance Indicator:** Maintain tools for efficient use. |
| **Level I=Basic Level II=Core Level III=Advanced**  | Standards |
| **Level I, II, III** | **Performance Indicators** |  |
| **CS.08.01.01.a.** | Identify standard tools, equipment, and safety procedures related to a specific task. Level I |  |
| **CS.08.01.01.b.** | Set up/adjust tools and equipment related to complete a specific task. Level II |  |
| **CS.08.01.01.c.** | Use tools and equipment appropriately to complete a specific task. Level III |  |
| **CS.08.01.02.a.** | Follow operating instructions related to specific tools and equipment needed to complete a task. Level I |  |
| **CS.08.01.02.b.** | Demonstrate appropriate operation, storage, and maintenance techniques for tools and equipment. Level II |  |
| **CS.08.01.02.c.** | Devise a maintenance plan or schedules for tools and equipment. Level III |  |
| **CS.08.02.01.a.** | Use the appropriate procedures for the use and operation of specific tools and equipment. Level I |  |
| **CS.08.02.01.b**. | Demonstrate safety precautions when using tools for a specific task around bystanders. Level II |  |
| **CS.08.02.01.c**. | Operate applicable AFNR equipment and vehicles safely. Level III |  |
| **CS.08.03.01.a.** | Describe the conditions that cause the need for tool maintenance. Level I |  |
| **CS.08.03.01.b**. | Demonstrate how to replace tool parts and components as needed. Level II |  |
| **CS.08.03.01.c**. | Develop and update a preventive maintenance schedule. Level III |  |

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| **Performance Assessments** |
| **CS.09. Performance Element: Technical Skills: Compare and contrast issues affecting the AFNR industry.** |
| ***STANDARDS AND PERFORMANCE INDICATORS*** |
| **CS.09.01. Performance Indicator:** Apply economic principles to AFNR systems (e.g., supply, demand and profit). **LA 4, SS 7a and 7b****CS.09.02. Performance Indicator:** Apply skills with computer software to accomplish a variety of business activities. **M 6C, Sc A3****CS.09.03. Performance Indicator:** Use technology to demonstrate the ability to network and interface with technology. **Sc A3 and E2** |
| **Level I=Basic Level II=Core Level III=Advanced**  | Standards |
| **Level I, II, III** | **Performance Indicators** |  |
| **CS.09.01.01.a.** | Calculate the effect of compound interest on AFNR investments. Level I  |  |
| **CS.09.01.01.b.** | Describe the economic impacts of natural resource preservation vs. use of the resource. Level II |  |
| **CS.09.01.01.c.** | Describe the impacts of AFNR decisions on global markets and environmental health. Level III |  |
| **CS.09.02.01.a.** | Demonstrate basic computer and software systems skills. Level I |  |
| **CS.09.02.01.b.** | Use basic software systems such as spreadsheet and word processing to complete a task. Level II |  |
| **CS.09.02.01.c.** | Use diagnostic software. Level III |  |
| **CS.09.03.01.a.** | Use the technological systems to acquire information related to AFNR. Level I |  |
| **CS.09.03.01.b.** | Show technical competence for efficient workplace communications. Level II |  |
| **CS.09.03.01.c.** | Demonstrate the use of technology in linking information from various sources. Level III |  |