# Hand & Power Tools Course No. 40400 Credit: 0.5

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| **Student name:** |  | **Graduation Date:** |  |

Pathways and CIP Codes:Aviation Production (15.0000) - Design & Production Strand; **Aviation Maintenance (47.0000) - Avionics & Airframe Strand**; Manufacturing (48.0000) - Production & Maintenance Strand

Course Description: Provides **technical level** knowledge used in Aviation and Manufacturing area related to hand and power tools.

Directions:The following competencies are required for full approval of this course. Check the appropriate number to indicate the level of competency reached for learner evaluation.

**RATING SCALE:**

4. Exemplary Achievement: Student possesses outstanding knowledge, skills or professional attitude.

3. Proficient Achievement:Student demonstrates good knowledge, skills or professional attitude. Requires limited supervision.

2. Limited Achievement:Student demonstrates fragmented knowledge, skills or professional attitude. Requires close supervision.

1. Inadequate Achievement:Student lacks knowledge, skills or professional attitude.

0. No Instruction/Training:Student has not received instruction or training in this area.

## Benchmark 1: Click or tap here to enter text.

### Competencies

| **#** | **DESCRIPTION** | **RATING** |
| --- | --- | --- |
| 1.1 | Apply basic concepts and terminology to precision instruments. |  |
| 1.2 | Utilize precision instruments. |  |
| 1.3 | Demonstrate safety procedures used with portable and stationary electrical equipment used in manufacturing including lockout and tagout. |  |
| 1.4 | Utilize portable and stationary electrical equipment used in aviation/manufacturing. |  |
| 1.5 | Explain procedures for using the correct electrical tools based on project specifications. |  |
| 1.6 | Describe and understand how to drill, deburr and chamfer quality holes. |  |
| 1.7 | Describe and understand the use of power and pneumatic hand tools used in aviation/manufacturing |  |
| 1.8 | Demonstrate how to safely use power and pneumatic hand tools used in aviation/manufacturing. |  |
| 1.9 | Identify drilling and countersinking techniques used in aviation/manufacturing. |  |
| 1.10 | Identify fasteners used in the aviation/manufacturing industry. |  |

I certify that the student has received training in the areas indicated.

Instructor Signature:

For more information, contact:

CTE Pathways Help Desk

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