**Continuous Improvement Plan**

**Date: 9-11-2023** **Name of Program/Unit: HVAC/R Department**

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**Table 1: CIP Outcomes, Measures & Targets Table (focus on at least one for the next two years)**

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| **A. Expected Outcome(s)**  Results expected in this unit  (e.g. Authorization requests will be completed more quickly; Increase client satisfaction with our services) | **B. Measure(s)**  Instrument(s)/process(es) used to measure results  (e.g. survey results, exam questions, etc.)  Include Course Information and Semester in which assessment will occur | **C. Target(s)**  Level of success expected  (e.g. 80% approval rating, 10 day faster request turn-around time, etc.) |
| Increase the pass rate of the EPA 608 certification exam.  (HART 1407) | ESCO exam test results. | Target of 40% earning a universal certification on the first time the exam is given. |
| |  |  |  | | --- | --- | --- | | Increase in student understanding of superheat and sub-cooling  (HART 1407) | Complete departmental examination worksheet for calculating superheat and sub-cooling | Target of 80% earning a 75% or better completion of departmental exam. | | Complete departmental examination worksheet for calculating superheat and sub-cooling | Target of 60% earning a 70% or better completion of departmental exam. |
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**Description of Fields in the Following CIP Tables:**

**A. Outcome(s)** -Results expected in this program (e.g. Students will learn how to compare/contrast conflict and structural functional theories; increase student retention in Nursing Program).

**B. Measure(s)** -Instrument(s)/process(es) used to measure results

(e.g. results of surveys, test item questions 6 & 7 from final exam, end of term retention rates, etc.)

**C. Target(s)** -Degree of success expected (e.g. 80% approval rating, 25 graduates per year, increase retention by 2% etc.).

**D. Action Plan** -Based on analysis, identify actions to be taken to accomplish outcome. What will you do?

**E. Results Summary** - Summarize the information and data collected in year 1.

**F. Findings** - Explain how the information and data has impacted the expected outcome and program success.

**G. Implementation of Findings** – Describe how you have used or will use your findings and analysis of the data to make improvements.

**Table 2. CIP Outcomes 1 & 2 (FOCUS ON AT LEAST 1)**

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| 1. **Outcome #1**   Increase the pass rate of the EPA 608 certification exam.  (HART 1407) | |
| 1. **Measure (Outcome #1)**   ESCO exam test results. | 1. **Target (Outcome #1)**   Target of 40% earning a universal certification on the first time the exam is given. |
| 1. **Action Plan (Outcome #1)**   **The ESCO exam will be given during the 5-6 week in the HART-1407 Principals of Refrigeration class.** | |
| 1. **Results Summary (Outcome #1)** | |
| 1. **Findings (Outcome #1)** | |
| 1. **Implementation of Findings** | |

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| 1. **Outcome #2**   Increase in student understanding of superheat and sub-cooling  (HART 1407) | |
| 1. **Measure (Outcome #2)**   Complete departmental examination worksheet for calculating superheat and sub-cooling | 1. **Target (Outcome #2)**   Target of 60% earning a 70% or better completion of departmental exam. |
| 1. **Action Plan (Outcome #2)**   **Departmental exam will be given between the 5-7 week of HART-1407 Principals of Refrigeration class.** | |
| 1. **Results Summary (Outcome #2)** | |
| 1. **Findings (Outcome #1)** | |
| 1. **Implementation of Findings** | |