COURSE INFORMATION FORM

DISCIPLINE HVAC
COURSE TITLE HVAC Internship
CR.HR 3 LECT HR. _____ LAB HR. _____ CLIN/INTERN HR. 10 CLOCK HR. _____

CATALOG DESCRIPTION
This course is designed to give the student real world experience in the HVAC/R industry. The student will enhance HVAC/R skills learned in prior courses under the direction of a mentor in the industry. Student is responsible for securing internship employment.

PREREQUISITES
Program Coordinator approval; HVAC 109, 111, 120, 135 and GPA of 3.0 or higher

EXPECTED STUDENT OUTCOMES IN THE COURSE (ESO)
Upon completion of this course, the student will be able to:

1. Demonstrate the ability to safely perform HVAC/R job responsibilities.
2. Allocate resources per job duties and responsibilities.
3. Communicate in the work environment as required per job duties and responsibilities.
4. Acquire and interpret necessary information per job duties and responsibilities.
5. Monitor and correct performance per job duties and responsibilities.
6. Select and use appropriate tools and technology to complete job duties and responsibilities.
7. Calculate necessary mathematics per job duties and responsibilities.
8. Demonstrate effective written communication per job duties and responsibilities.
9. Demonstrate problem-solving techniques per job duties and responsibilities.
10. Demonstrate appropriate personal qualities per job requirements.
GENERAL EDUCATION OUTCOMES (ESO)
Specify which general education outcomes, if any, are substantially addressed by the course. Numbers in parentheses identify the Expected Student Outcomes linked to the specific General Education Outcome.

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<th>Outcomes</th>
<th>ESO</th>
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PROGRAM-LEVEL OUTCOMES

CAREER AND TECHNICAL EDUCATION PROGRAM OUTCOMES
Specify which Career and Technical program outcomes, if any, are substantially addressed by the course by completing the “Career and Technical Education template” to show the relationship between course and program outcomes to assessment measures.

1. Students will demonstrate the ability to apply foundational skills in an industrial setting safely and to industry guidelines
2. Students will demonstrate professional oral and written communications skills.
3. Students will think critically and apply problem-solving skills.
4. The program will graduate individuals who exhibit competence in the entry-level skills of technical profession of heating, ventilation & air conditioning technology.

CLASS-LEVEL ASSESSMENT MEASURES
Student accomplishment of expected student outcomes may be assessed using the following measures. (Identify which measures are used to assess which outcomes.)

1. Student Evaluation (1 - 10)
2. Employer Evaluation (1 - 10)
3. Instructor on-site evaluation: (1 & 8)

The faculty has designed a Learning Goals and Activities Worksheet used by students, employers and instructors to assist with the evaluation process. Also, student maintains a Worksite Learning Log to document progress.
Individual instructors may order this outline as fits the needs of their individual courses. In addition, they may place more emphasis on some areas than on others. What is assured is that this particular list is covered in the course. Other topics may be added to a course as the instructor sees fit, and as time and interest allow. An *asterisk can be used to mark an item as optional.

I. HVAC/R Internship Orientation
   A. Internship/Co-Op Training Plan
   B. Internship Training Agreement
   C. Internship Wage and Hour Form
   D. Internship Evaluation Form

II. Review of Evaluation Process