

Review of Performance: VEM 110 WORKSHOP FABRICATION
Submitted by: Bertoldo B. Esteban Jr.

Semester: FALL 2016

No. of students: 8

Institutional Student Learning Outcomes (ISLO):

ISLO1: Effective oral communication.

ISLO2: Effective written communication.

ISLO3: Critical thinking.

ISLO4: Problem solving.

ISLO5: Intercultural knowledge and competence.

ISLO6: Information literacy.

ISLO7: Foundations and skills for life-long learning.

ISLO8: Quantitative Reasoning.

Program Learning Outcomes (PLO)

PLO1: Identify safety and occupational health requirements in the Refrigeration and Air Conditioning industry.

PLO2: Use specified hand and power tools for Refrigeration and Air Conditioning.

PLO3: Perform basic hand skills in maintaining Refrigeration and Air Conditioning system to a given specifications.

PLO4: Read and interpret basic electrical drawing and symbols related to Refrigeration and Air Conditioning.

PLO5: Perform basic troubleshooting and repair of domestic refrigeration and air conditioning units.

PLO6: Participate in the Refrigeration and Air Conditioning profession.

SLO#	Program SLO#	I, D, M	ISLO	Reflection/Comment
1. Describe the types of tubing used in refrigeration work.	1	M,D	7	7 (1 female; 6 males) out of 8 students (88%) successfully completed this CSLO as measured by group and class discussions, quizzes and performances.

2. Explain tube processes.	2	M, D	7	7 (1 female; 6 males) out of 8 students (88%) successfully completed this CSLO as measured by group and class discussions, quizzes and performances.
3. Perform soldering and brazing techniques.	3	M,D	6, 7	7 (1 female; 6 males) out of 8 students (88%) successfully completed this CSLO as measured by group and class discussions, quizzes and performances.
4. Demonstrate how to use various hand tools.	4	M,D	6, 7	7 (1 female; 6 males) out of 8 students (88%) successfully completed this CSLO as measured by group and class discussions, quizzes and performances.
5. Determine how to maintain and calibrate gauges.	2	M, D	7	7 (1 female; 6 males) out of 8 students (88%) successfully completed this CSLO as measured by group and class discussions, quizzes and performances.
6. Demonstrate the steps of using various equipments in servicing refrigeration system.	6	M, D	7	7 (1 female; 6 males) out of 8 students (88%) successfully completed this CSLO as measured by group and class discussions, quizzes and performances.

I- Introduced

D – Demonstrated

M – Mastery at a level appropriate for graduation

Final grade:

There were seven (1 female; 6 males) out of eight (8) students or (87%) got “C” or higher in this course.

Recommendations:

Need to implement the BOR approved curriculum. Need to build a bigger workshop. Need to acquire more personal protective equipment (PPE) to enhance safety practices. The course needs more hand tools and new instruments to cope up with the changes in the refrigeration industry as implemented by the United States, Environmental Protection Agency (EPA) and the United Nations Environment Protection (UNEP).

Signature: Bertoldo B. Esteban Jr.
RAC Professor

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