

OSU-Okmulgee
Academic Programs Form C
ASSESSMENT REPORT

Construction Division

Plumbing

(Unit)

2002-2003 Summer Semester

(Program Emphasis or Specialization)

8-11-03

(Assessment Period Covered)

(Date Submitted)

Intended Educational (Student) Objective #1:

NOTE: There should be one form C for each intended outcome listed on form B. Intended outcome should be restated in the box immediately below with intended outcome number entered in the small blank spaces.

Objective 1: Develop an understanding of past and present nomenclature and the history of Plumbing.

A. First Means of Assessment for Objective Identified Above:

1 a. Means of Program Assessment & Criteria for Success: (How is outcome going to be measured and what will be considered acceptable success?) 80 % of the students in the Plumbing Systems I class PLBG 1104 will score a minimum 70% on their test in the relating to nomenclature, both past and present.

1 a. Description of Data Collection & Assessment Results: (complete this section in spring after assessment results are in)

1 a. Use of Results to Improve Instructional Program: (complete in spring based on findings)

B. Second Means of Assessment for Objective Identified Above:

1 b. Means of Program Assessment & Criteria for Success:
75% of students in the Plumbing Capstone Project Class PLBG 2626 will write a 3nd year apprentice level comparative paper on the history of Plumbing at pass rate of 75%.

1 b. Description of Data Collection & Assessment Results:

1 b. Use of Results to Improve Instructional Program:

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Intended Educational (Student) Objective #2:

NOTE: There should be one form C for each intended outcome listed on form B. Intended outcome should be restated in the box immediately below with intended outcome number entered in the small blank spaces.

Objective 2: Enhance a link between the Pictorial, Overhead, and Isometric drawings of Plumbing Systems.

A. First Means of Assessment for Objective Identified Above:

2 a. Means of Program Assessment & Criteria for Success: (How is outcome going to be measured and what will be considered acceptable success?)

80% of students in the Advance Plumbing Systems class PLBG 1202 will develop skills to view the Pictorial, Overhead, or ISO and draw one from the other on a given project with a pass rate of 80%.

2 a. Description of Data Collection & Assessment Results: (complete this section in spring after assessment results are in)

2 a. Use of Results to Improve Instructional Program: (complete in spring based on findings)

B. Second Means of Assessment for Objective Identified Above:

2 b. Means of Program Assessment & Criteria for Success: 80 % of the students in the Advanced Plumbing Systems class PLBG 1202 on a Final Project will be able to draw an Overhead from the Pictorial and an ISO from the Overhead acceptable to a comparison of the I SEE THE ISO Study Guide at 75% accuracy rate.

2 b. Description of Data Collection & Assessment Results:

2 b. Use of Results to Improve Instructional Program:

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Intended Educational (Student) Objective #3:

NOTE: There should be one form C for each intended outcome listed on form B. Intended outcome should be restated in the box immediately below with intended outcome number entered in the small blank spaces.

Objective 3: Relate to types of Plumbing system design and develop ability to modify to meet applicable code

A. First Means of Assessment for Objective Identified Above:

3 a. Means of Program Assessment & Criteria for Success: (How is outcome going to be measured and what will be considered acceptable success?)

80% of the students on the final test in the Plumbing Codes Class PLBG 2503 using the 2000 IPC plumbing code book will score a minimum of 75%.

3 a. Description of Data Collection & Assessment Results: (complete this section in spring after assessment results are in)

3 a. Use of Results to Improve Instructional Program: (complete in spring based on findings)

B. Second Means of Assessment for Objective Identified Above:

3 b. Means of Program Assessment & Criteria for Success:

80% of students in the Advanced Plumbing Codes Class PLBG 2513 will draw a multiple story building and identify Plumbing Systems according the 1997 Uniform Plumbing Code at 80% accuracy.

3 b. Description of Data Collection & Assessment Results:

3 b. Use of Results to Improve Instructional Program:

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Intended Educational (Student) Objective #4:

NOTE: There should be one form C for each intended outcome listed on form B. Intended outcome should be restated in the box immediately below with intended outcome number entered in the small blank spaces.

Objective 4: Demonstrate an ability to prepare a plumbing project estimate of quantities and related costs according to industry norms.

A. First Means of Assessment for Objective Identified Above:

4 a. Means of Program Assessment & Criteria for Success: (How is outcome going to be measured and what will be considered acceptable success?)

80% of the students in the Plumbing Estimating class PLBG 2413 will score a minimum of 75% on the OSU-Okmulgee Plumbing Estimating Hand Book.

4 a. Description of Data Collection & Assessment Results: (complete this section in spring after assessment results are in)

4 a. Use of Results to Improve Instructional Program: (complete in spring based on findings)

B. Second Means of Assessment for Objective Identified Above:

4 b. Means of Program Assessment & Criteria for Success:

80% of students in the Plumbing Estimating class PLBG 2413 will as a Final Project make an estimate from a Blueprint and Mock up that is on site and make a presentation to the class with a pass rate of 75%.

4 b. Description of Data Collection & Assessment Results:

4 b. Use of Results to Improve Instructional Program:

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Intended Educational (Student) Objective #5:

NOTE: There should be one form C for each intended outcome listed on form B. Intended outcome should be restated in the box immediately below with intended outcome number entered in the small blank spaces.

Objective 5: Read and interpret Blueprints

A. First Means of Assessment for Objective Identified Above:

5 a. Means of Program Assessment & Criteria for Success: (How is outcome going to be measured and what will be considered acceptable success?)

75% of students in the Construction Blueprint class CNS 1202, will pass a residential blueprint test at 75% pass rate.

5 a. Description of Data Collection & Assessment Results: (complete this section in spring after assessment results are in)

5 a. Use of Results to Improve Instructional Program: (complete in spring based on findings)

B. Second Means of Assessment for Objective Identified Above:

5 b. Means of Program Assessment & Criteria for Success: 80% of the students in the Plumbing Capstone Class PLBG 2626 will pass a blueprint reading test at 80% accuracy.

5 b. Description of Data Collection & Assessment Results:

5 b. Use of Results to Improve Instructional Program:

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Intended Educational (Student) Objective #2:

NOTE: There should be one form C for each intended outcome listed on form B. Intended outcome should be restated in the box immediately below with intended outcome number entered in the small blank spaces.

Objective 6: Write a Business Plan and Net Worth Statement.

A. First Means of Assessment for Objective Identified Above:

6 a. Means of Program Assessment & Criteria for Success: (How is outcome going to be measured and what will be considered acceptable success?) 80% of the students in the Plumbing Capstone class PLBG 2626 will write Business Plan for a given project geared toward the area of Plumbing the student plans to work in with a rate of 80% accuracy.

6 a. Description of Data Collection & Assessment Results: (complete this section in spring after assessment results are in)

6 a. Use of Results to Improve Instructional Program: (complete in spring based on findings)

B. Second Means of Assessment for Objective Identified Above:

6 b. Means of Program Assessment & Criteria for Success: 80% of the students in the Plumbing Capstone class PLBG 2626 will write a Net Worth Statement on a given project at 90% accuracy.

6 b. Description of Data Collection & Assessment Results:

6 b. Use of Results to Improve Instructional Program:

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Intended Educational (Student) Objective #3:

NOTE: There should be one form C for each intended outcome listed on form B. Intended outcome should be restated in the box immediately below with intended outcome number entered in the small blank spaces.

Objective 7: Demonstrate Welding skills on plastic and iron pipe

A. First Means of Assessment for Objective Identified Above:

7 a. Means of Program Assessment & Criteria for Success: (How is outcome going to be measured and what will be considered acceptable success?)

80% of the students in the Welding class GTCT 1183 will be able to make a root bend test on 4 of the coupons cut from a 4" pipe at a pass no pass rate.

7 a. Description of Data Collection & Assessment Results: (complete this section in spring after assessment results are in)

7 a. Use of Results to Improve Instructional Program: (complete in spring based on findings)

B. Second Means of Assessment for Objective Identified Above:

7 b. Means of Program Assessment & Criteria for Success: 80% of the students in the Plumbing Capstone class PLBG 2626Testing will at 90% accuracy produce a face bend and a root bend at 90% accuracy.

7 b. Descriptions of Data Collection & Assessment Results:

7 b. Use of Results to Improve Instructional Program:

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Intended Educational (Student) Objective #4:

NOTE: There should be one form C for each intended outcome listed on form B. Intended outcome should be restated in the box immediately below with intended outcome number entered in the small blank spaces.

Objective 8: Develop Lead Working Skills.

A. First Means of Assessment for Objective Identified Above:

8 a. Means of Program Assessment & Criteria for Success: (How is outcome going to be measured and what will be considered acceptable success?)

80% of students in the Advanced Plumbing class PLBG 1202 during one of the lab assignments will pour Caulked Joints, both vertical and horizontal, and wipe an overcast joint that will hold water and is smooth to the touch at a 80% accuracy rate.

8 a. Description of Data Collection & Assessment Results: (complete this section in spring after assessment results are in)

8 a. Use of Results to Improve Instructional Program: (complete in spring based on findings)

B. Second Means of Assessment for Objective Identified Above:

8 b. Means of Program Assessment & Criteria for Success: 80% of the students in the Plumbing Capstone class PLBG 2626 will be given a test on their ability to identify Plumbing Lead Working Tools and the proper use in design and installation based on the "Old" National Plumbing Code and the IPC at a 75% pass rate.

8 b. Description of Data Collection & Assessment Results:

8 b. Use of Results to Improve Instructional Program:

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Construction Technologies Division
(Unit)

Electrical
(Program Emphasis or Specialization)

Fall 2003
(Assessment Period Covered)

Aug. 14th 2003
(Date Submitted)

Intended Educational (Student) Objective #6:

NOTE: There should be one form C for each intended outcome listed on form B. Intended outcome should be restated in the box immediately below with intended outcome number entered in the small blank spaces.

Objective9: Demonstrate the ability to use computer skills.

A. First Means of Assessment for Objective Identified Above:

9 a. Means of Program Assessment & Criteria for Success: (How is outcome going to be measured and what will be considered acceptable success?)

60% of students in the Intro.To Plumbing Technology class PLBG 1111 will complete assignments for research of the electrical industry using the inter-net and complete assignments reports having used Microsoft word at a pass or no pass rate.

9 a. Description of Data Collection & Assessment Results: (complete this section in spring after assessment results are in)

9 a. Use of Results to Improve Instructional Program: (complete in spring based on findings)

B. Second Means of Assessment for Objective Identified Above:

9 b. Means of Program Assessment & Criteria for Success:

70 % of the students in the Plumbing Capstone class PLBG 2626 will use a computer-generated program producing a spreadsheet for one given project with 80% accuracy rate.

9 b. Descriptions of Data Collection & Assessment Results:

9 b. Use of Results to Improve Instructional Program: