

OSU-Okmulgee
Academic Programs Form C
ASSESSMENT REPORT

Construction Technologies Division
(Unit)

Electrical
(Program Emphasis or Specialization)

Fall 2003
(Assessment Period Covered)

Aug. 14th 2003
(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: Demonstrate the ability to understand the concepts behind the Electrical Industry.

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 students will perform assignments and labs on a residential houses in the Electrical Wiring I class EET 2443, with a passing ratio of 75%.

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:

80% of students in the Electrical Capstone Experience Class ECNT 2616 will pass a written test at 75% pass rate.

1 b. Description of Data Collection & Assessment Results:

1 b. Use of Results to Improve Instructional Program:

OSU-Okmulgee
Academic Programs Form C
ASSESSMENT REPORT

Construction Technologies Division
(Unit)

Electrical
(Program Emphasis or Specialization)

Fall 2003
(Assessment Period Covered)

Aug. 14th 2003
(Date Submitted)

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: Demonstrate the ability to work using electrical safety principals.

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?)

75% of Students will pass a 1st semester electrical safety class ECNT 1112 with a passing grade of 75% and demonstrate during lab assignments, the practical use of safety standards of the electrical trade.

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 students will make a written evaluation of the safety procedures, based on their 2nd internship experience during the Capstone Class ECNT 2616 at 75% pass rate.

2 b. Description of Data Collection & Assessment Results:

2 b. Use of Results to Improve Instructional Program:

OSU-Okmulgee
Academic Programs Form C
ASSESSMENT REPORT

Construction Technologies Division
(Unit)

Electrical
(Program Emphasis or Specialization)

Fall 2003
(Assessment Period Covered)

Aug. 14th 2003
(Date Submitted)

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: Demonstrate the ability to calculate and build a, Residential Electrical System and Electrical System found in both the Commercial and Industrial application.

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?)

60% of students will pass lab assignments in the EET 2443 Methods I class at 75% pass rate.

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:

60% of Students that pass three methods classes EET 2443, ECNT 2473 & ECNT 2533(9hrs) with a 75% passing grade and will perform at a 50% journeyman proficiency in these courses.

3 b. Description of Data Collection & Assessment Results:

3 b. Use of Results to Improve Instructional Program:

OSU-Okmulgee
Academic Programs Form C
ASSESSMENT REPORT

Construction Technologies Division
(Unit)

Electrical
(Program Emphasis or Specialization)

Fall 2003
(Assessment Period Covered)

Aug. 14th 2003
(Date Submitted)

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: Interpret and apply the National Electric Codes (NEC) as it applies to the Electrical Construction Industry.

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?)

60% of students will pass the Final Exam in the National Electric Codes Class ECNT 1313 at a 70% pass rate.

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:

70 % of students will design and calculate the load and apply all NEC Criteria on at least one project during the Capstone Class ECNT 2616 at 75% accuracy.

4 b. Description of Data Collection & Assessment Results:

4 b. Use of Results to Improve Instructional Program:

OSU-Okmulgee
Academic Programs Form C
ASSESSMENT REPORT

Construction Technologies Division
(Unit)

Electrical
(Program Emphasis or Specialization)

Fall 2003
(Assessment Period Covered)

Aug. 14th 2003
(Date Submitted)

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: Demonstrate during the internships the ability to complete work assignments as Apprentice Electrician.

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?)

The students working journeyman or lead person using the Construction Electrical Internship Evaluation Document, with an average score of 3.0 out of 4.0, will assess 90 % of the students on their 1st internship ECNT 2806.

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:

The students working journeyman or lead person using the Construction Electrical Internship Evaluation Document, with an average score of 3.0 out of 4.0, will assess 100 % of the students on their 2nd internship ECNT 2806.

5 b. Description of Data Collection & Assessment Results:

5 b. Use of Results to Improve Instructional Program:

OSU-Okmulgee
Academic Programs Form C
ASSESSMENT REPORT

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.

Objective 6: Demonstrate the ability to estimate and design Electrical Systems in all applications.

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 students in the Capstone class ECNT 2616 will estimate the cost for the Electrical work on a residential house with in 15% actual cost.

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:

At the end of the Capstone class ECNT 2616 70% of students will estimate and design a electrical system for a given project with 80% accuracy rate.

6 b. Descriptions of Data Collection & Assessment Results:

6 b. Use of Results to Improve Instructional Program:

OSU-Okmulgee
Academic Programs Form C
ASSESSMENT REPORT

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.

Objective7: Demonstrate the ability to use computer skills.

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?)

60% of students in the Intro to Electrical Trade Class ECNT 1102 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.

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:

70 % of the students in Capstone class ECNT 2616 will use a computer-generated program producing a spreadsheet for one given project with 80% accuracy rate.

7 b. Descriptions of Data Collection & Assessment Results:

7 b. Use of Results to Improve Instructional Program: