

# Program Assessment

Carpentry CA

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## General Information (Program Assessment)

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# Standing Requirements

## ❖ Mission Statement

The mission of the Carpentry Department is to train students in all phases of residential construction. We strive to stay state of the art in all building technologies and trends including Green Building, Sustainability and Energy Efficiency. We build affordable homes in Oakland with a collaborative partnership with the City of Oakland and the Oakland Rotary and other related CTE Departments

## ❖ Student Learning Outcomes

### Carpentry CA Outcome Set

#### Student Learning Outcome

Student Learning Outcome	Mapping
<b>Communication</b> Students will communicate effectively in the technical language of the Carpentry/Construction Trades, including written, verbal and mathematical computation skills.	No Mapping
<b>Core Skills</b> Students will develop a foundation of core skills necessary to operate power tools and equipment used to build, repair and remodel homes to current code requirements	<b>Institutional Learning Outcomes 2012:</b> Career Technical Skills
<b>Knowledge</b> Students will analyze building components in order to determine the proper execution of construction or repair.	No Mapping
<b>Safety</b> Students will focus on health and safety issues that impact the worker, homeowner and the environment.	<b>Institutional Learning Outcomes 2012:</b> Career Technical Skills, Personal and Professional Development

## 2008-2011 Assessment Cycle

### Curriculum Map

#### Active Curriculum Maps

##### Curriculum map for carp CA

**Alignment Set:** Carpentry CA Outcome Set

**Created:** 10/20/2011 3:25:33 pm PDT

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See the attached document

### Assessment Plan

#### Mission Statement

The mission of the Carpentry Department is to train students in all phases of residential construction. We strive to stay state of the art in all building technologies and trends including Green Building, Sustainability and Energy Efficiency. We build affordable homes in Oakland with a collaborative partnership with the City of Oakland and the Oakland Rotary and other related CTE Departments

#### Outcomes and Assessment Measures

##### Carpentry CA Outcome Set

##### Student Learning Outcome

###### Communication

Students will communicate effectively in the technical language of the Carpentry/Construction Trades, including written, verbal and mathematical computation skills.

▼ **Assessment Measure:** Communication  
Program level; Direct - Exam


**Details/description of the assessment measure/method:** See the attached document for a list of courses in which this PLO is being assessed.

**Describe the standards for successful performance on this SLO:** 100% of students will pass with 70% or above

**What percentage of students should successfully meet the standards for this SLO?:**  
100% passing grade on exam

**When do you plan to assess this outcome? (indicate the semester and year):** Fall 2011

###### Supporting Attachments:

 Program Outcomess and Assesment (Microsoft Word)

###### Core Skills

Students will develop a foundation of core skills necessary to operate power tools and equipment used to build, repair and remodel homes to current code requirements

▼ **Assessment Measure:** core skills  
Program level; Direct - Exam

**Details/description of the assessment measure/method:** See the attached document for a list of courses in which this PLO is being assessed.

**Describe the standards for successful performance on this SLO:** 70% of students will pass

an exam which includes construction formulas and computations

**What percentage of students should successfully meet the standards for this SLO?:** 70% passing grade on exam

**When do you plan to assess this outcome? (indicate the semester and year):** Fall 2011

**Supporting Attachments:**

 Program Outcomes and Assesment (Microsoft Word)

**Knowledge**

Students will analyze building components in order to determine the proper execution of construction or repair.

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Program level; Direct - Exam

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**Supporting Attachments:**

 Program Outcomes and Assesment (Microsoft Word)

**analyze Plans**

*No assessment measures specified*

**Safety**

Students will focus on health and safety issues that impact the worker, homeowner and the environment.

▼ **Assessment Measure:** Safety  
Program level; Direct - Exam

**Details/description of the assessment measure/method:** See the attached document for a list of courses in which this PLO is being assessed. See attached Carp Dept Safety Exam


**Describe the standards for successful performance on this SLO:** 90% of students will pass an exam

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**When do you plan to assess this outcome? (indicate the semester and year):** Fall 2011

**Supporting Attachments:**

 Carp Dept Safety Exam (Microsoft Word)

 Program Outcomes and Assesment (Microsoft Word)

 **Assessment Findings**

**Assessment Measure Result per Assessment Measure**

**Carpentry CA Outcome Set**

**Student Learning Outcome**

**Communication**

Students will communicate effectively in the technical language of the Carpentry/Construction Trades, including written, verbal and mathematical

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 Program Outcomess and Assesment (Microsoft Word)

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**Assessment Measure Results** for Communication

*No Assessment Measure Results Added*

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**Core Skills**

Students will develop a foundation of core skills necessary to operate power tools and equipment used to build, repair and remodel homes to current code requirements

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 Program Outcomes and Assesment (Microsoft Word)

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**Assessment Measure Results** for core skills

*No Assessment Measure Results Added*

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**Supporting Attachments:**

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**Assessment Measure Results** for Knowledge

*No Assessment Measure Results Added*

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**analyze Plans**

*No assessment measures specified*

## Safety

Students will focus on health and safety issues that impact the worker, homeowner and the environment.

### ▼ Assessment Measure: Safety Program level; Direct - Exam



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**When do you plan to assess this outcome? (indicate the semester and year):** Fall 2011

#### Supporting Attachments:

-  Carp Dept Safety Exam (Microsoft Word)
-  Program Outcomes and Assesment (Microsoft Word)

### Assessment Measure Results for Safety

**Summary of Assessment Measure Results:** Out of 97 students in the program 60 took the test. Only 11 scored less than 90%. 49 students scored better than 90%. 18% scored less than 90%.

**Results:** Target Performance: Not Met

**What percentage of students successfully met the standards for this SLO?:** 82%

**Was the assessment information sampled in any way? If so, please describe.:** No, these are all the results.

## Overall Recommendations

*No text specified*

## Overall Reflection

*No text specified*

 **Course Syllabi**

 **Action Plan**

 **Status Report**



## 2011-2014 Assessment Cycle

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### Curriculum Map

*There are no curriculum maps*

### Assessment Plan

### Assessment Findings

### Course Syllabi

### Action Plan

### Status Report

## 2014-2017 Assessment Cycle

### Curriculum Map

*There are no curriculum maps*

### Assessment Plan

#### Mission Statement

The mission of the Carpentry Department is to train students in all phases of residential construction. We strive to stay state of the art in all building technologies and trends including Green Building, Sustainability and Energy Efficiency. We build affordable homes in Oakland with a collaborative partnership with the City of Oakland and the Oakland Rotary and other related CTE Departments

#### Outcomes and Assessment Measures

### Carpentry CA Outcome Set

#### Student Learning Outcome

##### Communication

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**Supporting Attachments:**

 Program Outcomes and Assessment (Microsoft Word)

### analyze Plans

*No assessment measures specified*

### Safety

Students will focus on health and safety issues that impact the worker, homeowner and the environment.

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Program level; Direct - Exam


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**What percentage of students should successfully meet the standards for this SLO?:** 90% passing grade

**When do you plan to assess this outcome? (indicate the semester and year):** Fall 2014

**Supporting Attachments:**

 Carp Dept Safety Exam (Microsoft Word)

 Program Outcomes and Assessment (Microsoft Word)

▼ **Assessment Measure:** Safety Assessment for Carpentry PLO, Inspection  
Program level; Direct - Other

**Details/description of the assessment measure/method:** The Lab, Construction Yard and Project Site will be assessed for Safety Issues using a Spreadsheet. (See Attached Document)

**Describe the standards for successful performance on this SLO:** We hope to attain a 100% safety Assessment.

**What percentage of students should successfully meet the standards for this SLO?:** 90% of the Students should actively participate in the continual safety condition of the Lab, yard and Site.

**When do you plan to assess this outcome? (indicate the semester and year):** Fall 2014

**Supporting Attachments:**

 Lab, Yard and Site Safety Inspection (Excel Workbook (Open XML))

## Assessment Findings

### Assessment Measure Result per Assessment Measure

### Carpentry CA Outcome Set

## Student Learning Outcome

### Communication

Students will communicate effectively in the technical language of the Carpentry/Construction Trades, including written, verbal and mathematical computation skills.

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Program level; Direct - Exam


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**When do you plan to assess this outcome? (indicate the semester and year):** Fall 2011

**Supporting Attachments:**

 Program Outcomess and Assesment (Microsoft Word)

**Assessment Measure Results** for Communication

*No Assessment Measure Results Added*

### Core Skills

Students will develop a foundation of core skills necessary to operate power tools and equipment used to build, repair and remodel homes to current code requirements

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Program level; Direct - Exam


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**What percentage of students should successfully meet the standards for this SLO?:** 70% passing grade on exam

**When do you plan to assess this outcome? (indicate the semester and year):** Fall 2011

**Supporting Attachments:**

 Program Outcomes and Assesment (Microsoft Word)

**Assessment Measure Results** for core skills

*No Assessment Measure Results Added*

### Knowledge

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**When do you plan to assess this outcome? (indicate the semester and year):** Fall 2011

**Supporting Attachments:**

 Program Outcomes and Assesment (Microsoft Word)

### Assessment Measure Results for Knowledge

No Assessment Measure Results Added

### analyze Plans

No assessment measures specified

#### Safety

Students will focus on health and safety issues that impact the worker, homeowner and the environment.

#### ▼ Assessment Measure: Safety Program level; Direct - Exam



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**What percentage of students should successfully meet the standards for this SLO?:** 90% passing grade

**When do you plan to assess this outcome? (indicate the semester and year):** Fall 2014

#### Supporting Attachments:

-  Carp Dept Safety Exam (Microsoft Word)
-  Program Outcomes and Assessment (Microsoft Word)

### Assessment Measure Results for Safety


**Summary of Assessment Measure Results:** The Department expects and achieves 100% results on the safety tests. Students do not proceed until they successfully complete the test.

**Results:** Target Performance: Exceeded

**What percentage of students successfully met the standards for this SLO?:** 100%

**Was the assessment information sampled in any way? If so, please describe.:** No

#### Substantiating Evidence:

-  Departmental Safety test results (Excel Workbook (Open XML))

#### This Assessment Measure Results is associated with the following Actions:

**Departmental Safety Action Plan**  
(Action Plan; 2014-2017 Assessment Cycle)

#### ▼ Assessment Measure: Safety Assessment for Carpentry PLO, Inspection Program level; Direct - Other


**Details/description of the assessment measure/method:** The Lab, Construction Yard and Project Site will be assessed for Safety Issues using a Spreadsheet. (See Attached Document)

**Describe the standards for successful performance on this SLO:** We hope to attain a 100% safety Assessment.

**What percentage of students should successfully meet the standards for this SLO?:** 90% of the Students should actively participate in the continual safety condition of the Lab, yard and Site.

**When do you plan to assess this outcome? (indicate the semester and year):** Fall 2014

#### Supporting Attachments:

-  Lab, Yard and Site Safety Inspection (Excel Workbook (Open XML))

### Assessment Measure Results for Safety Assessment for Carpentry PLO, Inspection

**Summary of Assessment Measure Results:** Our site inspections varied between 70% and 88 %.

**Results:** Target Performance: Not Met

**What percentage of students successfully met the standards for this SLO?:** The average of all classes is 82.1%

**Was the assessment information sampled in any way? If so, please describe.:** No

**Substantiating Evidence:**

 Yard, Site & Lab Safety Inspection Results (Excel Workbook (Open XML))

**This Assessment Measure Results is associated with the following Actions:**

**Departmental Safety Action Plan**  
(Action Plan; 2014-2017 Assessment Cycle)

## Overall Recommendations

We have numerous recommendations to improve student safety training and job site, lab and yard safety. See attached document in Action Plan.

## Overall Reflection

This Assessment has been very useful to zero in on the issues that we need to focus on to train our students in safety protocol and keep them safe while they are working on school projects.

## Course Syllabi

## Action Plan

### Actions

## Carpentry CA Outcome Set

### Student Learning Outcome

#### Safety

Students will focus on health and safety issues that impact the worker, homeowner and the environment.

#### ▼ Action: Departmental Safety Action Plan

##### This Action is associated with the following Assessment Measure Results

##### Assessment Measure Results for Safety

(Assessment Plan and Assessment Findings; 2014-2017 Assessment Cycle)

**Summary of Assessment Measure Results:** The Department expects and achieves 100% results on the safety tests. Students do not proceed until they successfully complete the test.

##### Assessment Measure Results for Safety Assessment for Carpentry PLO, Inspection

(Assessment Plan and Assessment Findings; 2014-2017 Assessment Cycle)

**Summary of Assessment Measure Results:** Our site inspections varied between 70% and 88 %.


**Use of assessment results/action plan:** Numerous safety actions are planned. Primarily the acquisition of complete sets of scaffold parts is underway. Many facility issues are listed and they are harder to get fixed in a timely manner.

**Implementation Plan (timeline):** Starting in Spring 2015

**Key/Responsible Personnel:** Cynthia Correia

**Priority:** High

**Supporting Attachments:**

 Carpentry Safety Assessment (Word Document (Open XML))

## Status Report

### Action Statuses

#### Carpentry CA Outcome Set

#### Student Learning Outcome

##### Safety

Students will focus on health and safety issues that impact the worker, homeowner and the environment.

##### ▼ Action: Departmental Safety Action Plan


**Use of assessment results/action plan:** Numerous safety actions are planned. Primarily the acquisition of complete sets of scaffold parts is underway. Many facility issues are listed and they are harder to get fixed in a timely manner.

**Implementation Plan (timeline):** Starting in Spring 2015

**Key/Responsible Personnel:** Cynthia Correia

**Priority:** High

**Supporting Attachments:**

 Carpentry Safety Assessment (Word Document (Open XML))

##### Status for Departmental Safety Action Plan

*No Status Added*

### Status Summary

*No text specified*

### Summary of Next Steps

*No text specified*