

Course Student Learning Outcomes Assessment

PBLC 061 Plan Interpretation and Cost Estimating

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General Information (Course Student Learning Outcomes Assessment)

Standing Requirements

Course Description

Reading and interpreting plans related to public works water storm drain and sewage facility projects. Concepts include lay-out construction rehabilitation maintenance and inspection with material cost estimating of public works improvements. Basic survey methods symbols mathematical conversions and determination of slope and.

Course Student Learning Outcomes

PBLC 61 Plan Interpretation and Cost Estimating Outcome Set

Outcome	
Outcome	Mapping
Outcome 1 Students who successfully complete this course should be able to explain a plan for a selected public works project and identify the components within the plan in writing or verbally and find variances using profile and details sheets.	Institutional Student Learning Outcomes: Communicate 1, Communicate 2, Think 1, Think 2
Outcome 2 Students who successfully complete this course should be able to cost out a selected case study project, or component within a project, within a 10% accuracy.	Institutional Student Learning Outcomes: Communicate 1, Communicate 2, Learn 3, Think 1, Think 2

2014-2015 Assessment Cycle

Measurements

Outcomes and Measures

PBLC 61 Plan Interpretation and Cost Estimating Outcome Set

Outcome

Outcome 1

Students who successfully complete this course should be able to explain a plan for a selected public works project and identify the components within the plan in writing or verbally and find variances using profile and details sheets.

▼ **Measure:** SLO Quiz - #1
Course level; Direct - Exam

Description of Measurement Tool: SLO Quiz

Criteria for Success: Individual & Collective Student Criterion: 70% greater of class collectively passing with an average individual student score of 70% or greater is considered success.

Cycle of Assessment: Per semester, as scheduled.

Who is Responsible for Assessment Activity?: Instructor of record.

Outcome 2

Students who successfully complete this course should be able to cost out a selected case study project, or component within a project, within a 10% accuracy.

▼ **Measure:** SLO Quiz - #2
Course level; Direct - Exam

Description of Measurement Tool: SLO Quiz

Criteria for Success: Individual & Collective Student Criterion: 70% greater of class collectively passing with an average individual student score of 70% or greater is considered success.

Cycle of Assessment: Per semester, as scheduled.

Who is Responsible for Assessment Activity?: Instructor of record.

Findings

Finding per Measure

PBLC 61 Plan Interpretation and Cost Estimating Outcome Set

Outcome

Outcome 1

Students who successfully complete this course should be able to explain a plan for a selected public works project and identify the components within the plan in writing or verbally and find variances using profile and details sheets.

▼ **Measure:** SLO Quiz - #1
Course level; Direct - Exam

Description of Measurement Tool: SLO Quiz

Criteria for Success: Individual & Collective Student Criterion: 70% greater of class collectively passing with an average individual student score of 70% or greater is considered success.

Cycle of Assessment: Per semester, as scheduled.

Who is Responsible for Assessment Activity?: Instructor of record.

Findings for SLO Quiz - #1

Summary of Findings: The assessment consisted of 10 questions was provided during class at the end of the semester. 23 of 24 students completed the assessment. The student who did not complete the assessment dropped out of the class.

Results: Criteria for Success Achievement Status: Met

Analysis of Findings: 18 of 23 (78.26%) students scored 70% or greater with average score of 71.30%.

Recommendations: Continue providing relevant lectures assignments to assess plan reading in Public Works.

Outcome 2

Students who successfully complete this course should be able to cost out a selected case study project, or component within a project, within a 10% accuracy.

▼ **Measure:** SLO Quiz - #2
Course level; Direct - Exam

Description of Measurement Tool: SLO Quiz

Criteria for Success: Individual & Collective Student Criterion: 70% greater of class collectively passing with an average individual student score of 70% or greater is considered success.

Cycle of Assessment: Per semester, as scheduled.

Who is Responsible for Assessment Activity?: Instructor of record.

Findings for SLO Quiz - #2

Summary of Findings: The assessment consisted of 10 questions was provided during class at the end of the semester. 23 of 24 students completed the assessment. The student who did not complete the assessment dropped out of the class.

Results: Criteria for Success Achievement Status: Met

Analysis of Findings: 19 of 23 (82.61%) students scored 70% or greater with average score of 79.13%.

Recommendations: Continue providing relevant lectures assignments to assess cost estimating in Public Works.

Overall Recommendations

No text specified

 **Plans of Action**

 **Status Reports**

2013-2014 Assessment Cycle

 **Measurements**

 **Findings**

 **Plans of Action**

 **Status Reports**

2012-2013 Assessment Cycle

 **Measurements**

 **Findings**

 **Plans of Action**

 **Status Reports**