



Texas Southern University
Assessment Plan 2010-2013

Unit Assessment Plan

College of Science and Technology

Bachelor of Science in Industrial Technology Construction

Introduction

Texas Southern University's Mission

Texas Southern University is a comprehensive metropolitan university. Building on its legacy as a historically black institution, the university provides academic and research programs that address critical urban issues and prepare an ethnically diverse student population to become a force for positive change in a global society.

In order to achieve this mission, Texas Southern University provides:

- quality instruction in a culture of innovative teaching and learning
- basic and applied research and scholarship that is responsive to community issues
- opportunities for public service that benefit the community and the world.

Texas Southern University's Vision

Texas Southern University will become one of the nation's pre-eminent comprehensive metropolitan universities. We will be recognized by the excellence of our programs, the quality of our instruction, our innovative research, and our desire to be a contributing partner to our community, state, nation, and world.

Accreditation Standards

Accreditation by Southern Association of Colleges and Schools Commission on Colleges (SACS) Commission on Colleges signifies that the institution: (1) has a mission appropriate to higher education, (2) has resources, programs, and services sufficient to accomplish and sustain that mission, and (3) maintains clearly specified educational objectives that are consistent with its mission and appropriate to the degrees it offers, and that indicate whether it is successful in achieving its stated objectives.

Source: The Principles of Accreditation: Foundations for Quality Enhancement, 5th edition

Goal 1 Assessment Plan 2010-11 to 2012-13

1 Goal Description

Goal 1

To introduce students to the latest tools, materials and methods used in the construction field

2 SLO Student Learning Outcomes/Objectives

SLO 1.1

Students will demonstrate the ability to safely operate power equipment in cutting wood, plastic, and metals

3 Metric

In-class demonstrations

Assigned projects

Written exams

4 Target 2010-11

Undergraduate students majoring in Construction must earn a score of 75% or higher on assigned demonstrations, exams, and projects.

5 Findings 2010-11

The data indicated that 80% of students successfully demonstrated the ability to perform in-class demonstrations.

75% of students successfully completed all assigned construction projects.

80% of students successfully passed all written exams.

6 Action Plan 2010-11

Based on 2010-11 Findings:

Equipment will be assessed and necessary repairs will be done or equipment replaced in order to maintain maximum performance.

Curricula content will be evaluated and relevant changes made.

7 Target 2011-12

Undergraduate students majoring in Construction must earn a score of 75% or higher on assigned demonstrations, exams, and projects.

8 Findings 2011-12

The data indicated that 75% of students successfully demonstrated the ability to perform in-class demonstrations.

75% of students successfully completed all assigned construction projects.

75% of students successfully passed all written exams.

9 Action Plan 2011-12

Review program Goals and SLOs

10 Target 2012-13

Undergraduate students majoring in Construction must earn a score of 75% or higher on assigned demonstrations, exams, and projects.

11 Findings 2012-13

The data indicated that 80% of students successfully demonstrated the ability to perform in-class demonstrations.

32% of students successfully completed all assigned construction projects.

79% of students successfully passed all written exams.

12 Action Plan 2012-13

Review program Goals and SLOs

13 Additional Reference Documents

A summary list of student test scores

Goal 2 Assessment Plan 2010-11 to 2012-13

1 Goal Description

Goal 2

To develop knowledge and understanding necessary in planning and scheduling construction projects

2 SLO Student Learning Outcomes/Objectives

SLO 2.1

Students will demonstrate the ability to use Timberline and Primavera software in construction scheduling

3 Metric

In-class demonstrations

Assigned projects

Written exams

4 Target 2010-11

Undergraduate students majoring in Construction must earn a score of 75% or higher on assigned demonstrations, exams, and projects.

5 Findings 2010-11

The data indicated that 80% of students successfully demonstrated the ability to perform in-class demonstrations.

75% of students successfully completed all assigned construction projects.

80% of students successfully passed all written exams.

6 Action Plan 2010-11

Based on 2010-11 Findings:

Computer software and equipment will be upgraded where needed.

7 Target 2011-12

Undergraduate students majoring in Construction must earn a score of 75% or higher on assigned demonstrations, exams, and projects.

8 Findings 2011-12

The data indicated that 75% of students successfully demonstrated the ability to perform in-class demonstrations.

75% of students successfully completed all assigned construction projects.

75% of students successfully passed all written exams.

9 Action Plan 2011-12

Program Goals and SLOs will be revised

10 Target 2012-13

Undergraduate students majoring in Construction must earn a score of 75% or higher on assigned demonstrations, exams, and projects.

11 Findings 2012-13

The data indicated that 44% of students successfully demonstrated the ability to perform in-class demonstrations.

50% of students successfully completed all assigned construction projects.

22% of students successfully passed all written exams.

12 Action Plan 2012-13

Program Goals and SLOs will be revised

13 Additional Reference Documents

Summary of exam scores