



Texas Southern University
Assessment Plan 2010-2013

Unit Assessment Plan

College of Science and Technology

Bachelor of Science in Computer Engineering Technology

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: Graduates will be prepared to assume professional positions in the electronics technology industry which utilize their technical skill and problem solving ability.

2 SLO Student Learning Outcomes/Objectives

1.1 Students will demonstrate ability to apply principles of mathematics and applied science to perform technical calculations and solve technical problems of the types commonly encountered in electronics technology careers. (consistent with TAC/ABET Criterion 2 Outcomes a,b,f) by Correctly answering embedded questions on the EXIT exam

3 Metric

Metric 1.1

TAC/ABET scores on outcomes a,b, and f

Employment survey satisfaction values

4 Target 2010-11

Target 1.1

70% of the students will receive 70% or better of Criterion 2 a,b,f

5 Findings 2010-11

Findings 1.1

72% Students received an average score 70%

6 Action Plan 2010-11

Action Plan 1.1

Increase peer-tutoring activities for improved performance.

7 Target 2011-12

Target 1.1

70% of the students will receive 70% or better of Criterion 2 a,b,f

8 Findings 2011-12

100% Students received an average score 84%

9 Action Plan 2011-12

Increase peer-tutoring activities for improved performance.

10 Target 2012-13

Target 1.1

70% of the students will receive 70% or better of Criterion 2 a,b,f

11 Findings 2012-13

90% Students received an average score 80%

12 Action Plan 2012-13

Increase peer-tutoring activities for improved performance.

13 Additional Reference Documents

Employer questionnaire and summary analysis.

Exit Exam Scores

[Elect and Comp Eng Assessment Data Calculator](#) [XLSX 61 KB 10/2/15]

[Elect and Comp Eng Assessment Data Calculator](#) [XLSX 62 KB 10/2/15]

Goal 2 Assessment Plan 2010-11 to 2012-13

1 Goal Description

Goal 2: Graduates are prepared with the technical and communication skills needed to advance in their professional career.

2 SLO Student Learning Outcomes/Objectives

2.1 Students will demonstrate an ability to communicate effectively and function effectively with members of multidisciplinary teams and with other workers in an industrial setting,. (consistent with TAC/ABET Criterion 2 Outcomes). by Correctly answering embedded questions on the EXIT exam

3 Metric

Departmental exit exam scores on Criterion 2;

4 Target 2010-11

Target 2.1

70% of the students will receive 70% or better of Criterion 2 a,b, f

5 Findings 2010-11

Findings 2.1

86% of the students received an average score of 70% or better

6 Action Plan 2010-11

Increase peer-tutoring activities for improved performance.

Offer refresher classes for students

7 Target 2011-12

Target 2.1

70% of the students will receive 70% or better of Criterion 2 a,b, f

8 Findings 2011-12

100% Students received an average score 83%

9 Action Plan 2011-12

Increase peer-tutoring activities for improved performance.

10 Target 2012-13

Target 2.1

70% of the students will receive 70% or better of Criterion 2 a,b, f

11 Findings 2012-13

94% Students received an average score 81%

12 Action Plan 2012-13

Increase peer-tutoring activities for improved performance.

13 Additional Reference Documents

FE Results verbally provided by students (will begin obtaining copies of FE exam results)

Exit Exam Scores