



Texas Southern University  
Assessment Plan 2010-2013

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## **Unit Assessment Plan**

College of Science and Technology

Bachelor of Science in Maritime Transportation Management  
and Security

## 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, 5<sup>th</sup> edition*

## **Goal 1 Assessment Plan 2010-11 to 2012-13**

### **1 Goal Description**

1. To provide students with the skills and knowledge necessary to function successfully as a Logistics professional in the maritime industry.

### **2 SLO Student Learning Outcomes/Objectives**

SLO 1.1:

Students will demonstrate understanding of logistics terminology and advanced concepts.

SLO 1.2:

Students will demonstrate professional knowledge of logistics, port and terminal operations, cargo marine operations, containerization and modern cargo stowage, and international intermodal transportation.

SLO 1.3:

Students will demonstrate the abilities to develop creative solutions to complex transportation-related problems in the maritime and logistics industry

### **3 Metric**

Metric 1.1

Scores of Exit Exam embedded questions.

Metric 1.2

Scores of Exit Exam embedded questions.

Metric 1.3

Scores of Exit Exam embedded questions.

### **4 Target 2010-11**

Target 1.1

80% of students taking the exit exam shall earn 70% or higher.

Target 1.2

80% of students taking the exit exam shall earn 70% or higher.

Target 1.3

80% of students taking the exit exam shall earn 70% or higher.

### **5 Findings 2010-11**

New Program

### **6 Action Plan 2010-11**

Action Plan 1.1

We will continue enhance the instruction of our programs by 1) improving the hardware and software conditions in the laboratories, and 2) updating the course contents to reflect the most recent practice, knowledge and technologies in the transportation field.

Action plan 1.2

At the beginning of the semester, students will be provided with detailed instructions for each project. During the semester, the professor will be available for individual assistance in project development.

### **7 Target 2011-12**

Target 1.1

80% of students taking the exit exam shall earn 70% or higher.

Target 1.2

80% of students taking the exit exam shall earn 70% or higher.

**Target 1.3**

80% of students taking the exit exam shall earn 70% or higher.

**8 Findings 2011-12****Findings 1.1:**

90% of the students achieved 70 or higher in the exit exam embedded questions. Average Score is 78

**Findings 1.2:**

100% of the students achieved 70 or higher in the exit exam embedded questions. Average Score is 79

**Findings 1.3:**

100% of the students achieved 70 or higher in the exit exam embedded questions. Average Score is 78

**9 Action Plan 2011-12**

To ensure student success on the Exit Exam, a study guide printed and distributed to students and study groups organized to facilitate exam preparation.

**10 Target 2012-13****Target 1.1**

80% of students taking the exit exam shall earn 70% or higher.

**Target 1.2**

80% of students taking the exit exam shall earn 70% or higher.

**Target 1.3**

80% of students taking the exit exam shall earn 70% or higher.

**11 Findings 2012-13****Findings 1.1:**

100% of the students achieved 70 or higher in the exit exam embedded questions. Average Score is 90

**Findings 1.2:**

100% of the students achieved 70 or higher in the exit exam embedded questions. Average Score is 90

**Findings 1.3:**

100% of the students achieved 70 or higher in the exit exam embedded questions. Average Score is 90

**12 Action Plan 2012-13**

To ensure student success on the Exit Exam, a study guide printed and distributed to students and study groups organized to facilitate exam preparation.

**13 Additional Reference Documents**

Exit Exam Results

[Transportation BS Assessment Data Calculator](#) [XLSX 65 KB 10/2/15]

[Transportation BS Assessment Data Calculator](#) [XLSX 65 KB 10/2/15]

**Goal 2 Assessment Plan 2010-11 to 2012-13****1 Goal Description**

2. To provide students with the skills and knowledge to function successfully as a security professional in the maritime industry.

**2 SLO Student Learning Outcomes/Objectives**

SLO 2.1:

Students will be able to show a solid understanding of security terminology and advanced concepts.

**SLO 2.2:**

Students will demonstrate knowledge of the essential concepts of maritime security management, maritime security technology, maritime transportation security, and maritime risk assessment and management.

**SLO 2.3:**

Students will demonstrate the abilities to develop creative solutions to complex transportation-related problems in the maritime and security industry

**3 Metric**

**Metric 2.1**

Scores of Exit Exam embedded questions.

**Metric 2.2**

Scores of Exit Exam embedded questions.

**Metric 2.3**

Scores of Exit Exam embedded questions.

**4 Target 2010-11**

**Target 2.1**

80% of students taking the exit exam shall earn 70% or higher.

**Target 2.2**

80% of students taking the exit exam shall earn 70% or higher.

**Target 2.3**

80% of students taking the exit exam shall earn 70% or higher.

**5 Findings 2010-11**

New Program

**6 Action Plan 2010-11**

To ensure student success on the Exit Exam, a study guide printed and distributed to students and study groups organized to facilitate exam preparation.

**7 Target 2011-12**

**Target 2.1**

80% of students taking the exit exam shall earn 70% or higher.

**Target 2.2**

80% of students taking the exit exam shall earn 70% or higher.

**Target 2.3**

80% of students taking the exit exam shall earn 70% or higher.

**8 Findings 2011-12**

**Findings 2.1**

80% of the students achieved 70 or higher in the exit exam embedded questions. Average Score is 73

**Findings 2.2**

80% of the students achieved 70 or higher in the exit exam embedded questions. Average Score is 75

**Findings 2.3**

80% of the students achieved 70 or higher in the exit exam embedded questions. Average Score is 77

**9 Action Plan 2011-12**

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### **10 Target 2012-13**

#### Target 2.1

80% of students taking the exit exam shall earn 70% or higher.

#### Target 2.2

80% of students taking the exit exam shall earn 70% or higher.

#### Target 2.3

80% of students taking the exit exam shall earn 70% or higher.

### **11 Findings 2012-13**

#### Findings 2.1

100% of the students achieved 70 or higher in the exit exam embedded questions. Average Score is 90

#### Findings 2.2

67% of the students achieved 70 or higher in the exit exam embedded questions. Average Score is 77

#### Findings 2.3

67% of the students achieved 70 or higher in the exit exam embedded questions. Average Score is 81

### **12 Action Plan 2012-13**

To ensure student success on the Exit Exam, a study guide printed and distributed to students and study groups organized to facilitate exam preparation.

### **13 Additional Reference Documents**

Exit Exam Results.

## **Goal 3 Assessment Plan 2010-11 to 2012-13**

### **1 Goal Description**

3. To provide students with the to function successfully as an Environmental professional in the maritime industry.

### **2 SLO Student Learning Outcomes/Objectives**

#### SLO 3.1:

Students will demonstrate understanding of environmental terminology and advanced concepts.

#### SLO 3.2:

Students will demonstrate knowledge of the essential concepts of maritime environmental management, marine environmental protection, and maritime environmental law.

#### SLO 3.3:

Students will demonstrate the abilities to develop creative solutions to complex transportation-related problems in the environmental discipline of maritime transportation

### **3 Metric**

#### Metric 3.1

Scores of Exit Exam embedded questions.

#### Metric 3.2

Scores of Exit Exam embedded questions.

#### Metric 3.3

Scores of Exit Exam embedded questions.

**4 Target 2010-11**

Target 3.1

80% of students taking the exit exam shall earn 70% or higher.

Target 3.2

80% of students taking the exit exam shall earn 70% or higher.

Target 3.3

80% of students taking the exit exam shall earn 70% or higher.

**5 Findings 2010-11**

New Program

**6 Action Plan 2010-11**

No Program

**7 Target 2011-12**

Target 3.1

80% of students taking the exit exam shall earn 70% or higher.

Target 3.2

80% of students taking the exit exam shall earn 70% or higher.

Target 3.3

80% of students taking the exit exam shall earn 70% or higher.

**8 Findings 2011-12**

Findings 3.1

100% of the students achieved 70 or higher in the exit exam embedded questions. Average Score is 77

Findings 3.2

100% of the students achieved 70 or higher in the exit exam embedded questions. Average Score is 77

Findings 3.3

100% of the students achieved 70 or higher in the exit exam embedded questions. Average Score is 77

**9 Action Plan 2011-12**

To ensure student success on the Exit Exam, a study guide printed and distributed to students and study groups organized to facilitate exam preparation.

**10 Target 2012-13**

Target 3.1

80% of students taking the exit exam shall earn 70% or higher.

Target 3.2

80% of students taking the exit exam shall earn 70% or higher.

Target 3.3

80% of students taking the exit exam shall earn 70% or higher.

**11 Findings 2012-13**

Findings 3.1

67% of the students achieved 70 or higher in the exit exam embedded questions. Average Score is 78

Findings 3.2

67% of the students achieved 70 or higher in the exit exam embedded questions. Average Score is 78

Findings 3.3

67% of the students achieved 70 or higher in the exit exam embedded questions. Average Score is 78

**12 Action Plan 2012-13**

To ensure student success on the Exit Exam, a study guide printed and distributed to students and study groups organized to facilitate exam preparation.

**13 Additional Reference Documents**

Exit Exam results