



Programme	SBCS Assured Certificate in Sustainable Recycling
Course Title	Sustainable Recycling Activities
Guided Learning Hours	120

Aims

Recycling is in its embryonic stages in Trinidad and Tobago. However, it is estimated that over 70% of our waste is recyclable. Diversion of waste from our landfills towards recycling activities ensures that our landfill sites are not overburdened and reduces the environmental impact of improper waste disposal. Through the implementation of sustainable recycling activities, we can reduce the demand on natural resources as well as create meaningful employment opportunities.

This program aims to provide practical knowledge on the recycling industry that would allow learners to develop the necessary skills to practice successfully in the recycling sector.

Learning Outcomes:

On successful completion of this course a student will be able to:

#	Topic
1	Promote Sustainability and Environmental Good Practice in the Recycling Industry
2	Comply with Health and Safety Processes and Procedures in the Workplace
3	Ensure the proper collection, transport, processing and dispatch of recyclables
4	Understand the operations of plant and equipment for the processing of recyclables
5	Understand the maintenance of plant and equipment for the processing of recyclables
6	Communicate with the public and others on recycling activities

Learner Competencies:

1. Promote Sustainability and Environmental Good Practice in the Recycling Industry

- Identify the Sustainable Development goals and which of these are relevant to waste management and recycling
- Understand the Waste Management Hierarchy and how recycling fits in to this hierarchy
- Understand the regulations, procedures and requirements for recycling

- Understand the laws Governing Recycling and Waste Management

2. Comply with Health and Safety Processes and Procedures in the Workplace

- Carry out work procedures in accordance with standard operating procedures, regulations and practices.
- Report and act upon problems that could affect the safe working environment
- Know how to maintain a safe work environment
- Understand the Personal Protective Equipment (PPE) requirements of the workplace
- Work in a Manner which underpins effective performance

3. Ensure the proper collection, transport, processing and dispatch of recyclables

Collections:

- Be able to carry out recycling collections
- Be able to report on conditions that affect the safe collections
- Understand how to collect the recyclables and other materials
- Understand the types of storage containers used for recyclables
- Be able to select storage containers for recyclables and waste materials
- Understand how to prepare for handling and lifting loads
- Understand procedures and instructions for handling and lifting loads
- Be able to handle and lift loads.
- Be able to receive recyclables and other materials
- Be able to use and communicate data and information
- Understand how to control the reception of recyclables and other materials.

Control Vehicle Movements on Recycling Site:

- Be able to identify health and safety risks and hazards in relation to the vehicle movements.
- Be able to control vehicle movements on site
- Be able to resolve problems which could affect the control of vehicles on site
- Know how to control vehicle movements on site.

Loading a Waste Transport Vehicle:

- Be able to prepare to load waste and related materials
- Be able to load waste and related materials in line with location-specific procedures
- Be able to use and communicate data and information connected with loading waste and related materials
- Be able to resolve problems which arise from loading waste and related materials

- Understand the regulation procedures and requirements for loading a waste transport vehicle Understand the specific regulation procedures and requirements for loading a waste transport vehicle
- Be able to work in a manner which underpins effective performance

4. Understand the operations of plant and equipment for the processing of recyclables

- Make sure that the work to be done is understood before the work starts
- Identify materials that are suitable for processing
- Carry out the required sorting and processing methods in accordance with approved procedures
- Identify materials and unsuitable for processing and deal with them in accordance with approved procedures
- Deal with residues arising from the sorting and preparation process in accordance with approved procedures
- Identify hazardous materials and take appropriate action in accordance with approved procedures
- Make sure of the safety of self and others during the sorting and preparation of materials for processing
- Wear and use appropriate personal protective equipment in accordance with approved procedures and practices
- Ask for help promptly when necessary.
- Be able to carry out operations in accordance with approved procedures and practices
- Be able to report and act upon problems that could affect the safe working environment
- Be able to work in a manner which underpins effective performance
- Understand the regulations procedures and requirements for recycling
- Know how to maintain a safe working environment
- Know how to operate equipment in the recycling industry

Use Mechanical Handling Equipment in the Recycling Industry:

- Understand the types of mechanical handling equipment in the recycling industry
- Know how to select mechanical handling equipment
- Know the requirements for the operation of mechanical handling equipment

5. Understand the maintenance of plant and equipment for the processing of recyclables

- Be able to understand the maintenance requirements of plant and equipment
- Be able to carry out routine checks on plant and equipment

- Be able to carry out maintenance on plant and equipment
- Be able to report and act upon problems that could affect the safe working environment
- Know how to assist in the maintenance of plant and equipment

6. Communicate with the public and others on recycling activities

- Be able to communicate with the public and other persons external to the organisation in a way that promotes the organisation
- Be able to maintain the health and safety of the public
- Be able to work in a manner which underpins effective performance
- Understand the regulation procedures and requirements for recycling
- Know how to communicate effectively with the public and others
- Explain how to receive and clarify own understanding of information
- Identify potential work-related difficulties and conflicts of interest
- Explain how to resolve identified potential difficulties

Assessment Details

Method of Assessment	End of Term Exam
Grading Mode	Numeric
Weighting	100%
Pass Mark	50%