

# SOLID WASTE MANAGEMENT TECHNOLOGY

Department: **Construction, Design, and Manufacturing**  
 Department Chair: **Mr. William (Bill) Elarton, ROOM SQ-122**  
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Award Title	Award Type	Grad. Plan	Required Course Units	Major Elective Units	Total Major Units
Solid Waste Management Technology	C		12	12	24

## PROGRAM OVERVIEW

The program is designed for any interested individuals seeking to learn the most updated information in recycling and solid waste management. The program addresses environmental, technological, political, legal, planning and economic aspects of recycling and solid waste management policies.

By fulfilling the program requirements, students are prepared and advance in the Solid Waste Management industry to work as a Solid Waste Operator, Solid Waste Technician, Solid Waste Supervisor, Hazardous Waste Operator, or Environmental Specialist.

## PROGRAM LEARNING OUTCOMES (PLOs)

Upon completion of the Certificate program, students are able to:

- Understand and be able to apply concepts and principles of integrated solid waste management and waste reduction.
- Demonstrate good verbal and written communication skills.
- Understand how sound waste management practices protect environmental health and safety.
- Understand and demonstrate the importance of public outreach and effective public relations practice.
- Have a sound knowledge of federal, state, and local rules, regulations and mandates as they relate to solid waste management.

## USEFUL LINKS

### LATTC Catalog

<http://college.lattc.edu/catalog/>

### LATTC Financial Aid Office

<http://college.lattc.edu/financialaid/>

### LATTC Counseling Department

<http://college.lattc.edu/counseling/>

### Graduation Plan A

<http://college.lattc.edu/catalog>

### Graduation Plan B

<http://college.lattc.edu/catalog>

### Construction, Maintenance & Utilities Department

<http://college.lattc.edu/cdm>

## SOLID WASTE MANAGEMENT TECHNOLOGY

### Certificate of Achievement

Major Units: 24

A Certificate of Achievement in Solid Waste Management Technology may be earned by completing 12 units of Required Courses and 12 units of Major Electives listed with a "C" or better in each course.

Students completing the Certificate program will be proficient in performing the duties involved in landfill management including collection, transportation, storage and disposal.

### REQUIRED COURSES

		UNITS	Completed	Semester/Yr
SWM TEK 101	Introduction to Solid Waste Management	3	<input type="checkbox"/>	_____
SWM TEK 102	Collection Systems, Routing and Management	3	<input type="checkbox"/>	_____
SWM TEK 107	Waste Reduction and Recycling	3	<input type="checkbox"/>	_____
SWM TEK 108	Solid Waste Facilities	3	<input type="checkbox"/>	_____

### MAJOR ELECTIVES

Select at least 12 units from the courses below		UNITS		
CHEM 51	Introductory Chemistry	3	<input type="checkbox"/>	_____
GEOLOGY 1	Physical Geology	3	<input type="checkbox"/>	_____
LABOR 2	Collective Bargaining	3	<input type="checkbox"/>	_____
LABOR 3	Applied Labor Law	3	<input type="checkbox"/>	_____
MGMT 2	Organization and Management Theory	3	<input type="checkbox"/>	_____
MGMT 33	Personnel Management	3	<input type="checkbox"/>	_____
MICRO 20	General Microbiology	4	<input type="checkbox"/>	_____
SUPV 002 †	Basic Psychology for Supervisors	3	<input type="checkbox"/>	_____
WASTE 12	Wastewater Operations I	3	<input type="checkbox"/>	_____

You can enroll in these classes by logging on to the Student Information System at <https://college.lattc.edu/register>

For additional information consult a LATTC college counselor.