

SOLID WASTE MANAGEMENT TECHNOLOGY

Pathway: Construction, Maintenance & Utilities
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Award Title	Academic Plan	Award Type	GE Units	Required Course Units	Major Elective Units	Major Units
Solid Waste Management Technology	T008489D	C		12	12	24
This program is Financial Aid Eligible.						

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.

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

PROGRAM LEARNING OUTCOMES (PLOs)

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

- Identify and discuss the sources of solid waste and its treatment technology.
- Describe the solid waste stream and the treatment processes and process control strategies.
- Use basic mathematical operations to solve entry level solid waste calculations and measurements.

USEFUL LATTC LINKS:

College Catalog: <http://college.lattc.edu/catalog/>
 Financial Aid Office: <http://college.lattc.edu/financialaid/>
 Counseling Department: <http://college.lattc.edu/counseling/>
 General Education Information: <http://college.lattc.edu/catalog>
 Construction, Maintenance & Utilities Pathway:
<http://pathways.lattc.edu/catalog-programs/cmu/>

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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.

REQUIRED COURSES

	UNITS
SWM TEK 101 Introduction to Solid Waste Management	3
SWM TEK 102 Collection Systems, Routing and Management	3
SWM TEK 107 Waste Reduction and Recycling	3
SWM TEK 108 Solid Waste Facilities	3

MAJOR ELECTIVES

Select at least 12 units from the courses below	UNITS
CHEM 051 Fundamentals of Chemistry I	5
GEOLOGY 001 Physical Geology	3
LABR ST 002 Collective Bargaining	3
LABR ST 003 Labor Relations Law	3
MGMT 002 Organization and Management Theory	3
MGMT 033 Personnel Management	3
MICRO 020 General Microbiology	4
WASTE 012 Wastewater Operations I	3

To register: <http://college.lattc.edu/student/new-students/register-now/>

For additional information consult a LATTc college counselor.