

SOLID WASTE MANAGEMENT TECHNOLOGY

Pathway: Construction, Maintenance & Utilities
 Chair: William (Bill) Elarton, Room SQ/B-122
 (213) 763-3700, cdm@lattc.edu



Award Title	Award Type	GE Units	Required Course Units	Major Elective Units	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.

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:

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

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.

REQUIRED COURSES

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
SUPV 002 †	Basic Psychology for Supervisors	3
WASTE 012	Wastewater Operations I	3

† Course currently unavailable

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, Design, and Manufacturing Pathway: <http://college.lattc.edu/cdm>

You can register in these classes by logging on to the Student Information System at <http://college.lattc.edu/student/new-students/register-now/>

For additional information consult a LATTC college counselor.