

LANSING COMMUNITY COLLEGE

CURRICULUM GUIDE

Surveying and Materials Technology
Certificate of Completion

Curriculum Code: 1011 (Effective Fall 2014 – Summer 2019)

This certificate provides students with basic instruction in surveying and materials testing used in the civil engineering industry. Students will develop skills in operating high-tech survey equipment; using computational software; and determining the properties of density, bituminous, and concrete materials used in construction. Graduates of this curriculum are prepared for entry level work in surveying and materials testing.

PREREQUISITES

Students should see [Course Descriptions](#) for course prerequisite information. See [Academic Assessment and Placement Testing for Student Success](#) for skills assessment and advising information.

INFORMATION

Contact the Design & Construction Technologies Program, West Campus Building, Room M103, telephone number (517) 483-5338 (Website: www.lcc.edu/design/civil/) or Student Services West Campus, West Campus Building, Room M106, telephone number (517) 267-5452.

REQUIREMENTS (See Note 1)

CODE	TITLE	TOTAL: 19 CREDITS CREDIT HOURS
CIVL 101	Civil Drafting	3
CIVL 110	Density Certification (See Note 2)	2
CIVL 120	Surveying (See Note 1)	4
CIVL 124	Route Survey	4
DCTM 100	Intro to the Built Environment`	3
DCTM 103	Codes and Specifications	3
MINIMUM TOTAL		19

NOTES:

1. Math Level 5 or the completion of MATH 114 with a minimum grade of 2.0 is required to enroll in this curriculum.
2. This course is only offered for one week between Fall and Spring Semesters from 7:30 to 4:30 p.m. Monday–Thursday.
3. To receive a certificate of completion from Lansing Community College, a student must maintain a grade point average of 2.0 or above in the courses required for the certificate.

SUGGESTED COURSE SEQUENCE

Students should see course descriptions to find out when departments plan to offer courses. Students who for any reason are unable to follow the course sequence suggested below (for example, those who are part-time, have transferred in courses from another school, or have prerequisites to fulfill) should contact an academic advisor for help with adjustments.

I	II
CIVL 120	CIVL 101
DCTM 100	CIVL 110
DCTM 103	CIVL 124