



Surveying and Materials Technology C.C.

Curriculum Code: 1011

Effective: Fall 2020 – Summer 2025

Description

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.

Contact Information

Contact the Civil Technology Program at the West Campus Building, Room M103, telephone number 517-483-5338 or Student Services West Campus, West Campus Building, Room M106, telephone number 517-267-5452.

Program of Study Required Courses

Course Code	Course Title	Credit / Billing Hours
CIVL 101	Civil Drafting	3 / 4
CIVL 110	Density Certification	2 / 2
CIVL 120	Surveying	4 / 6
CIVL 124	Route Survey	4 / 6
CIVL 141	Site Inspection	3 / 3
DCTM 100	Intro to the Built Environment	3 / 4

Total Credit Hours

19 credits / 25 billing hours

Recommended Course Sequence

Semester I	Semester II
CIVL 101	CIVL 110
CIVL 120	CIVL 124
DCTM 100	CIVL 141