



## Surveying and Materials Technology C.C.

Curriculum Code: 1011

Effective: Fall 2019 – Summer 2024

### 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