



Civil Survey and Mapping Technology

2026–2027

The Civil Survey program offers two completion options: a Technical Diploma (TD) or an Associate of Applied Science (AAS). To earn the AAS, take all the courses on the plan; if you only want the TD, skip the courses marked “AAS” in the program path column.

	Program Path	SEMESTER 1	
CIVL 1120		Surveying I Lecture	3 Credits
CIVL 1121		Surveying I Lab	1 Credit
CIVL 1240		Applied Trigonometry for Civil, Survey & Mapping	3 Credits
CIVL 1430		Legal Principles of Surveying	3 Credits
CIVL 1480		Real Property/Land Development	3 Credits
TOTAL SEMESTER CREDITS			13
	Program Path	SEMESTER 2	
CIVL 1220		Surveying II Lecture	3 Credits
CIVL 1221		Surveying II Lab	1 Credit
CIVL 1330		La Survey Law	2 Credits
CIVL 1441		Computer Aided Drafting	2 Credits
CIVL 1470		Introduction to Geographic Information Systems	3 Credits
TOTAL SEMESTER CREDITS			11
	Program Path	SEMESTER 3	
CIVL 1320		Surveying III Lecture	3 Credits
CIVL 1321		Surveying III Lab	1 Credit
CIVL 2560		Hydrographic Surveying	3 Credits
CIVL 2620		USPLS	3 Credits
TOTAL SEMESTER CREDITS			10
	Program Path	SEMESTER 4	
CIVL 1411		Surveying IV Lab	1 Credit
CIVL 1413		Surveying IV Lecture	3 Credits
CIVL 1420		Remote Sensing	2 Credits
CIVL 2003		Capstone/CST Review	3 Credits
CIVL 2520		Advanced Survey Practice	2 Credits
TOTAL SEMESTER CREDITS			11
TOTAL DEGREE CREDITS - Technical Diploma			45
	Program Path	SEMESTER 5	
ENGL 1010	AAS	Rhetoric & Composition	3 Credits
MATH 1105	AAS	College Algebra	3 Credits
Humanities	AAS	Choose from General Education Courses: History (HIST); English (ENGL 2XXX) except ENGL 2045 and 2070; or Communications (CMCN) except CMCN 1170, 1270, and 2145.	3 Credits
Social Science	AAS	Choose from General Education courses: Criminal Justice 1010, Anthropology (ANTH), Economics (ECON), Geography (GEOG), Political Science (POLI), Psychology (PSYC), or Sociology (SOCI).	3 Credits
Natural/Physical Science	AAS	Choose from General Education courses: Biology (BIOL), Chemistry (CHEM), Environmental Science (ENSC), Geology (GEOL), Physical Science (PHSC), or Physics (PHYS).	3 Credits
TOTAL SEMESTER CREDITS			15
TOTAL DEGREE CREDITS - Associate of Applied Science			60

A grade of “C” or higher is required in all courses.

CTS: Survey Technician Assistant is awarded after a student has earned a “C” or higher in the following courses: CIVL 1120, CIVL 1121, CIVL 1220, CIVL 1221, CIVL 1240, CIVL 1430, and CIVL 1480.

Note: This document is intended to help you plan your schedule. The official and final program requirements are those published in the applicable college catalog under the Programs tab. (OAA 4/26)