

SURVEYING GEOMATICS TECHNICIAN - GIS (CP)(PLAN CODE: SUTSGC45)

Academic Plans, known as programs, include an overview description and a summary of program requirements. You can search the online catalog via the Academic Plan links on the right for a desired program or a specific course information.

Code	Title	Credits/ Units
General Education Requirements		
<i>Communication Skills</i>		3
PTWR 135	Introduction to Applied Technical Writing (recommended)	
<i>Computational Skills</i>		
MATH 103	College Trigonometry	5
<i>Human Relations</i>		3
CMST& 210	Interpersonal Communication (recommended)	
Major Area Requirements		
ENGR 140	Basic Autocad	4
SURV 104	Survey Computation	5
SURV 121	Field Survey I	5
or ENGR 121	Field Survey I	
SURV 122	Field Survey II	5
SURV 123	Professional Ethics	1
SURV 125	Introduction to GIS	3
SURV 163	Route Surveying	5
SURV 250	Arc GIS I	3
SURV 253	Introduction to GPS	3
SURV 255	Emerging Technology	3
Total Credits/Units		48

Program Outcomes

Program outcomes are overarching skills that are emphasized and reinforced throughout several courses in a specific program; they are measurable statements that define what students should know or be able to do by the end of a certificate or degree at Clark College. After successful completion of this program, students will be able to:

- Articulate well-considered ideas and written claims to an academic audience, using effective rhetorical techniques, properly credited evidence, and a command of Standard English. (GE)
- Demonstrate interpersonal/human relations skills. (GE)
- Demonstrate and clearly explain an effective strategy to solve a quantitative problem. (GE)
- Communicate in written form, verbally, and graphically with surveyors and engineers.
- Demonstrate use of modern technology, industry standard software, and tools to collect, analyze and interpret data for surveying solutions.
- Practice a code of ethics prescribed by the professional organizations and state codes.

Program maps are a suggested academic plan and should not be used in the place of regular academic advising appointments. Your student entry method, placement, course availability, and program requirements are subject to change and transfer credit(s) may change your map/plan. To view the current suggested map for your program please visit our website <https://programmap.clark.edu/academics> (<https://programmap.clark.edu/academics/>)