



Arts, Media, and Technology Career and Academic Pathways (CAPs) Program Map: Skills Certificate for 3D Mapping for GIS Applications

Total number of units: 7 units

Top Code/Academic Plan: 0957.30

Updated on 9/30/2021

Semester 1	Course Code	Course	Units	Notes	Notes for Part-time students
Program Course	ENG SUP 121	Plane Surveying I	3	Offered every fall semester, Fridays. This course also prepares you for the FE, FS, PE and PLS State of CA examination. Course offers several field activities. Prerequisite includes MATH 241 (trigonometry), which can be waived if student has field and office experience.	Typically offered in Fall.

Total Units 3

Semester 2	Course Code	Course	Units	Notes	Notes for Part-time students
GE Course	GEOG 025	Introduction to Geographic Information Systems and Laboratory	4	Check with Geography department to learn about course offering schedule. No Prerequisites. This course is college transferable at the CSU level.	Typically offered in Fall.

Total Units 4

Degree Path and Requirements:

This map is a suggested term-by-term sequence of courses to complete the program in a recommended time frame. This is an efficient and recommended plan, but actual plans may vary by individual student need. This map cannot replace a meeting with [counselors](#).

Department Advising Notes:

See [Dr. Humberto A. Gallegos](#) for information regarding undergraduate and graduate studies in geospatial engineering and technologies.

Program Description

The Geo-Spatial Engineering & Technologies mission is to enhance student's hands on skill sets, networking opportunities, and offer advanced forms of training regarding field equipment and software used in land development and research oriented projects in civil and geomatics engineering. GSET offers several certificates of achievements, skill sets, and associate of science degrees in land surveying, geospatial engineering and technologies, and flood mapping. GSET is also structured to offer articulated courses in civil engineering.

Career and Transfer Opportunities

Visit the [Transfer Center](#) for transfer information, which varies based on transfer college. Make an appointment with a [counselor](#). Students can visit [Career and Job Services](#) for career counseling and further exploration.

Youtube Videos

[You Belong at East Los Angeles College](#)

Program Map

A suggested sequence of classes to complete a degree, certificate, or program of study. Students should consult an academic counselor for variations to this plan based on part-time or full-time status, transfer plans, pre-requisites needed, etc.

Prerequisite Course

A specific course that must be completed before advancing to the next course.

Check the online catalog at [elac.edu](#) for the latest and most accurate information.

Contact

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