

# SURVEYING AND MAPPING TECHNOLOGY

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The curriculum is arranged for students to gain employment in surveying and mapping. It allows students to gain the educational requirements to sit for the licensing exams in the state of Kentucky. Classes emphasize solving problems encountered in the field of Surveying & Mapping Technology. Students perform routine topographical, boundary and other mapping/surveying projects, as well as Global Positioning (GPS) surveys. Students establish essential data, keep notes, develop preliminary sketches, and prepare working drawings, profile and section maps, volume calculations, and topographic maps. Students use computer mapping and coordinate geometry software to accomplish these tasks.

## Degrees

- Surveying and Mapping Technology - AAS (<https://catalog.kctcs.edu/programs-of-study/aas/surveying-mapping-technology/surveying-mapping-technology-aas/>)

## Diplomas

- Surveying Technician III - Diploma (<https://catalog.kctcs.edu/programs-of-study/aas/surveying-mapping-technology/surveying-technician-iii-diploma/>)

## Certificates

- Surveying Technician I - Certificate (<https://catalog.kctcs.edu/programs-of-study/aas/surveying-mapping-technology/surveying-technician-certificate/>)
- Surveying Technician II - Certificate (<https://catalog.kctcs.edu/programs-of-study/aas/surveying-mapping-technology/surveying-technician-ii-certificate/>)