

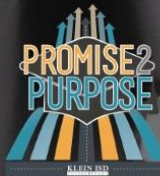
Geospatial Engineering & Land Surveying

IN KLEIN ISD,
EVERY STUDENT

ENTERS WITH A
PROMISE
AND EXITS WITH A
PURPOSE.

We will achieve this vision by focusing on...

PATHWAYS
CHALLENGE
EQUITY
LEADERSHIP
CONTINUOUS IMPROVEMENT



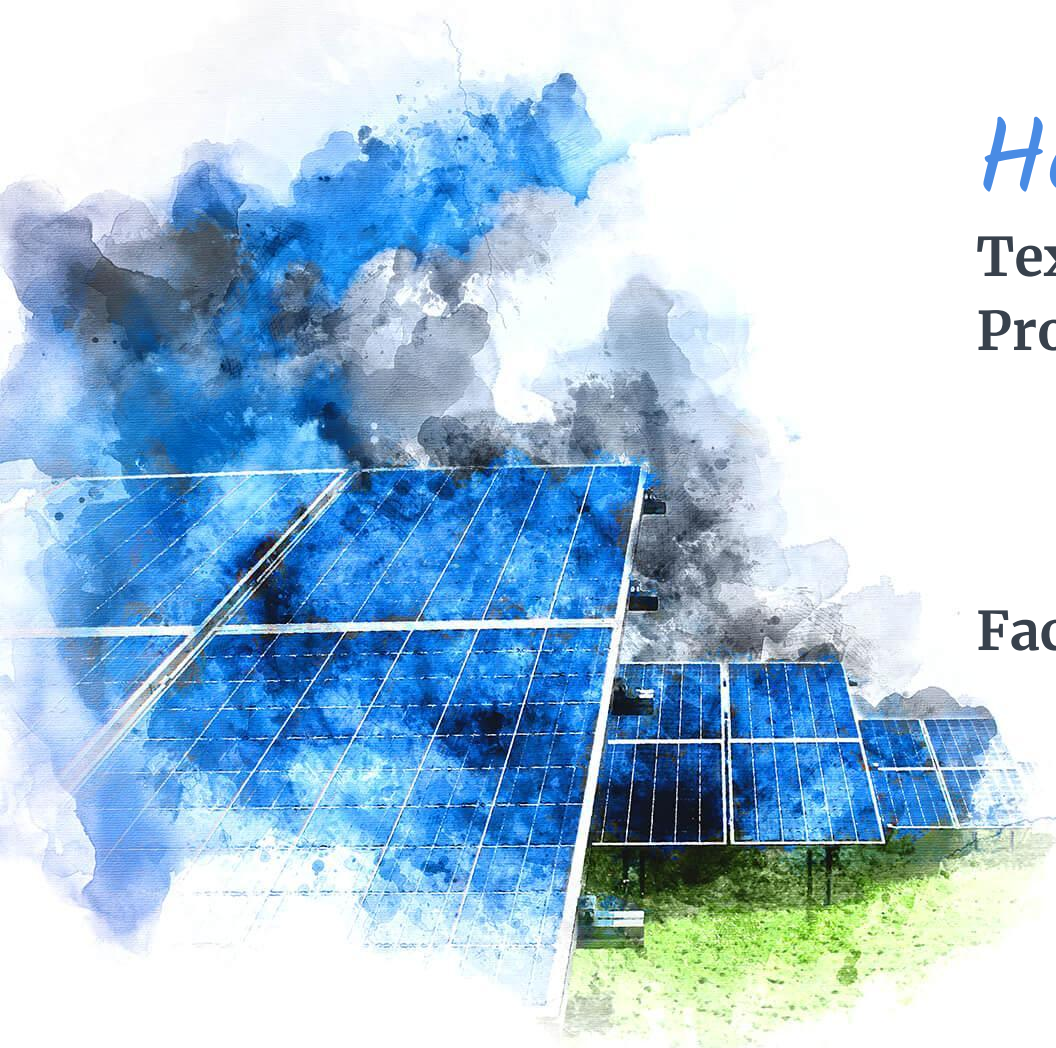
A watercolor illustration on the left side of the slide. It features several blue solar panels with white grid lines, arranged in a row and slightly overlapping. Above the panels are large, billowing clouds in shades of blue and white, with some darker blue and grey tones. The background is a light, textured white. The overall style is artistic and eco-friendly.

Hello!

Facilitator

Jill Bonsall,

CTE Program Coordinator



Hello!

**Texas Young Surveyors
Professionals**

Cameron Lowe,

RPLS, PLS

Facilitator

Jill Bonsall,

CTE Program Coordinator

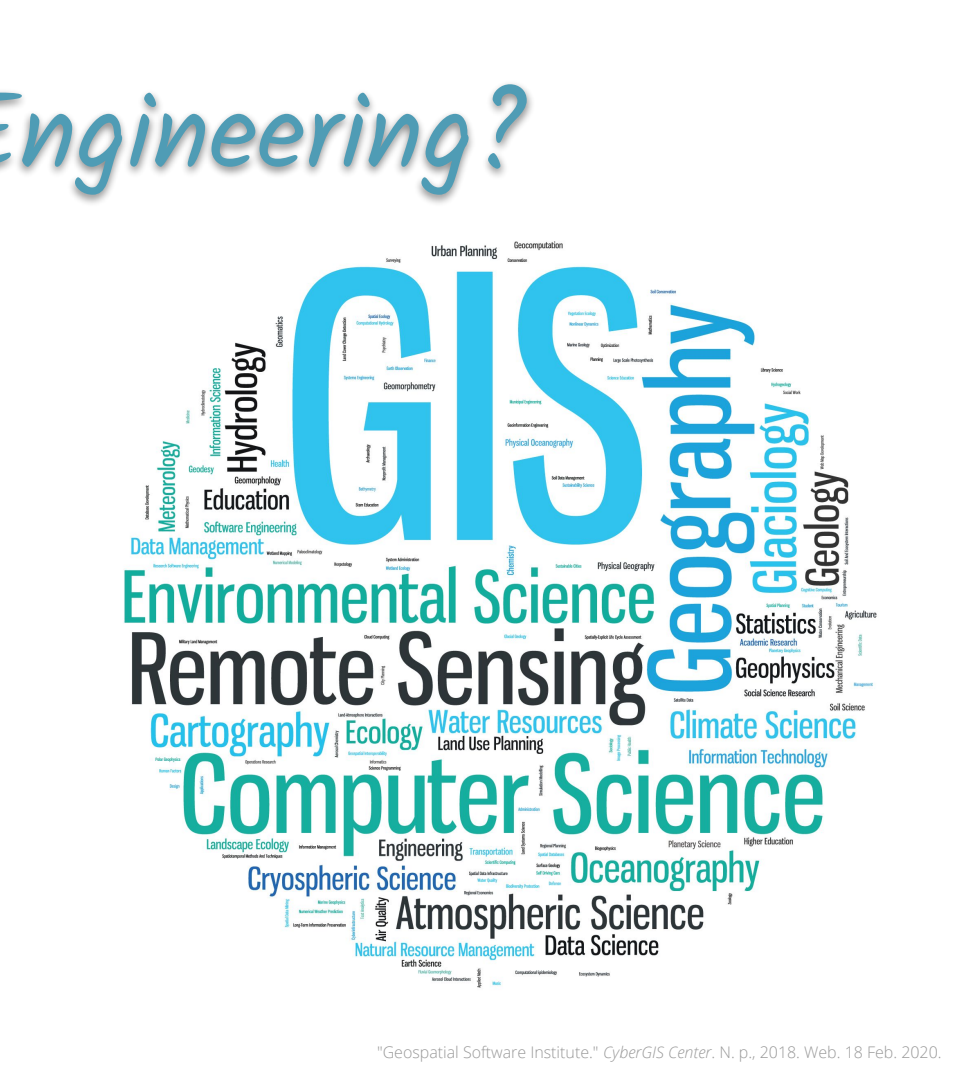


Geodesy

is the **Earth science** of accurately measuring and understanding Earth's **geometric shape**, **orientation in space** and **gravitational field**. The field also incorporates studies of how these properties change over time and equivalent measurements for other planets. Wikipedia



What is Geospatial

A watercolor illustration of a mountain landscape. The scene features a prominent mountain range with peaks covered in snow or light-colored rock. The slopes are painted with various shades of green and blue, suggesting vegetation and rocky terrain. In the foreground, a calm lake reflects the surrounding landscape. The overall style is soft and artistic, with visible brushstrokes and a blended color palette. The text 'What is Geospatial' is overlaid at the top in a blue, slightly shadowed font.



Examples of Jobs in Geospatial Studies



- Geospatial Engineer
- Geospatial Information Scientists and Technologists
- Remote Sensing Scientists and Technologists
- Geographic Information Systems Technicians
 - Related Occupations



What is Land Surveying?

A Career in Surveying



ADVENTURE



CHALLENGES



TECHNOLOGY

**SOMETIMES THE
CAREER CHOOSES YOU.**

Looking for something a little different? Well, we're looking for you.

Visit BecomeATexasSurveyor.com

Find yourself in surveying.



Examples of Jobs in Land Surveying



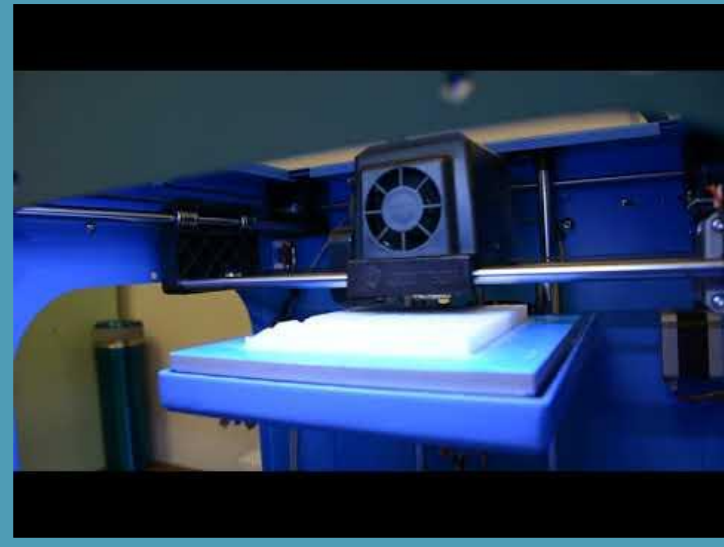
- Land Surveyor
- Surveying Technicians
- Geodetic Surveyors
- Surveying and Mapping Technicians



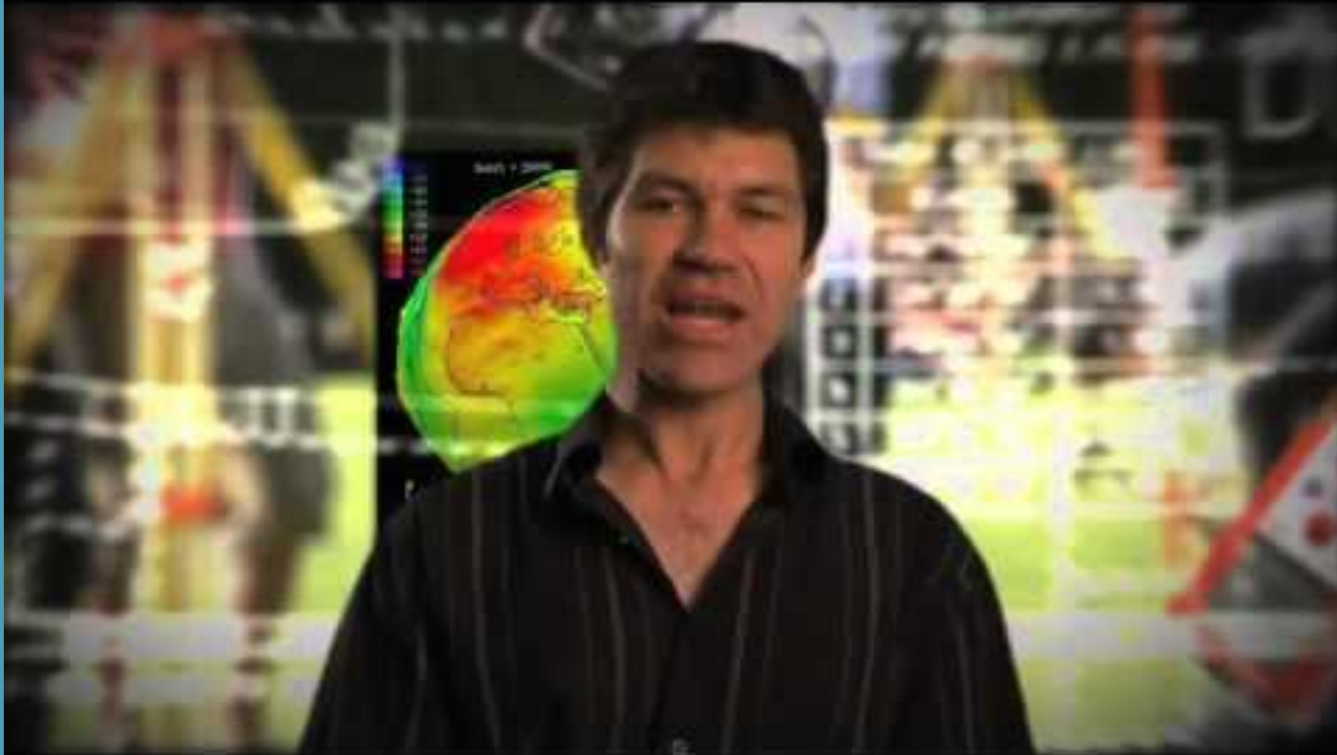
Excellent Salary

BecomeATexasSurveyor.com

Tools of the trade...



Geospatial Engineering & Land Surveying



HIGH NEED:

78%

*of Texas Professional Surveyors are
50 years old or older.*

*That means that they need young people
to fill the jobs NOW!*

HIGH DEMAND:

100%

*job placement with an
industry certification
or degree!*

*That means that you will be making money
before most of your classmates.*

HIGH WAGE:

\$100,000±

many jobs in this industry have high five figure and low six figure starting salaries.

(varies depending on level of certification and education)

That means that you can be making a comfortable salary by the time you are 21 years old.

GEOSPATIAL ENGINEERING

ADVANCED PATHWAY

PARTNERSHIP WITH LONE STAR COLLEGE



Geospatial Engineering & Land Surveying Pathway



Heather Sides
LJA Surveying

Some of the colleges and universities in Texas that offer GIS and related degrees



Sam Houston
State University



TEXAS A&M
UNIVERSITY
CORPUS
CHRISTI



TEXAS A&M
UNIVERSITY.



TEXAS
The University of Texas at Austin





Our process is easy

first - apply

second - interview

last- become a KC TIGER!



Klein ISD Resources

kleinisd.net/pathways

[Application Link](#)

[Parent Presentation](#)

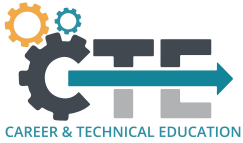


Thanks!

Any questions?

You can contact us at:

cte@kleinisd.net



Public Notice

The Klein Independent School District offers career and technical education programs in agricultural science, business education, career orientation, family and consumer sciences, health science technology, marketing education, technology education, and trade and industrial education. Admission to these programs is based on interest, age appropriateness, required prerequisites, and class space availability.

It is the policy of the Klein ISD not to discriminate on the basis of race, color, national origin, sex, or handicap in its vocational programs, services, or activities as required by Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Education Amendments of 1972; and Section 504 of the Rehabilitation Act of 1973, as amended.

It is the policy of Klein ISD not to discriminate on the basis of race, color, national origin, sex, handicap, or age in its employment practices as required by Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Education Amendments of 1972; the Age Discrimination Act of 1975, as amended; and Section 504 of the Rehabilitation Act of 1973, as amended.

The Klein Independent School District will take steps to assure that lack of English language skills will not be a barrier to admission and participation in all educational and vocational programs.

For information about your rights or grievance procedures, contact the Title IX Coordinator, Mr. Thomas Young, at 16607 Stuebner Airline Road, Klein, Texas, 77379-7376, telephone 832.249.4301, and/or the Section 504 Coordinator, Dr. Kirsten Almann, at 4411 Louetta Road, Spring, Texas, 77388-4414, telephone 832.249.4400.

kleinisd.net/pathways

