



Klein ISD GIS/Land Surveying Early
College High School
ECHS Planning Application
2018-2019

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Background

District Affiliation

KLEIN ISD

DC #: 101915

Region: 04

Mailing Address (Line 1): 7200 SPRING-CYPRESS RD

Mailing Address (Line 2):

City, State, Zip: KLEIN, TX 77379

School Affiliation

KLEIN COLLINS H S

CDC #: 101-915-004

Region:

Mailing Address (Line 1): 20811 ELLA BLVD

Mailing Address (Line 2):

City, State, Zip: SPRING, TX 77388

Academy Information

ECHS Academy Name:

Klein ISD GIS/Land Surveying Early College High School

What grade level range will your academy serve in the 2019-2020 school year?

9-12

Grade Level	Number of Students
9	20
10	20
11	20

Contacts

Superintendent

Job Title: Superintendent

Full Name: Dr. Bret Champion

Email: bchampion1@kleinisd.net

Phone Number: 832-249-4000

Applicant

Job Title: Executive Director for College and Career Pathways

Full Name: Ms. Elizabeth Gilleland

Email: egilleland@kleinisd.net

Phone Number: 832-249-4319

IHE Liaison

Affiliation: Texas A&M Corpus Christi

Job Title: Professor of Geographic Information Science- Director of Conrad Bluecher Institute for Surveying and Science

Full Name: Dr. Gary Jeffress

Email: gary.jeffress@tamucc.edu

Phone Number: 361-825-2720

Narratives

Opening Statement

Describe how the decision to apply for a planning year was made. Include the types of individuals that were involved in the decision process.

The vision of our school district, Klein ISD sets forth that every student will enter with a promise and exit with a purpose. In today's workforce arena, a strong purpose for students is to enter college and finish in order to move into a career of interest. Throughout the past year and a half, our district has evaluated student needs as well as the best way to help students achieve those needs and goals. The specific Klein ISD vision of Early College High Schools was developed in October 2016 and has been a primary focus for the district as well as the College and Career Pathways Department. Through the remainder of the 2016-2017 school year as planning for college pathways ensued, we have enhanced our dual credit program with additional course options as we move toward opening an Early College High School. Development of this specific ECHS model began in July of 2017. Surveying is an integral component of land usage by civil engineering, GIS, GPS, municipal planning, construction, and drafting. Levels of training include certified technician, Surveyor-In-Training, and Registered Professional Land Surveyor. An innovative technology pathway which will provide students with a seamless transition beginning in the 9th grade and 4 semesters after high school graduation. Upon high school graduation, students will earn a high school diploma, associate's degree as well as a GIS Technician level 1 certification. Students in the program will work with Texas A&M Corpus Christi throughout the program and may matriculate to the university to complete a four-year degree within 4 semesters of high school graduation. Members of the planning team include our Chief Learning Officer, Executive Directors for Secondary Teaching and Learning, Executive Director for College and Career Pathways, Director for Career and Technical Education, Instructional Officers for Advanced Academics and Counseling as well as program coordinators for both the CTE and Advanced Academics departments. In addition, we have met specifically to discuss the process of ECHS with our dual credit partner, The Lone Star College system beginning in September 2016. We have met regularly to move forward with the dream of opening ECHS campuses within Klein ISD. The ECHS planning application will move us closer to our goal of being designated an Early College High School where students will earn college credit as well as develop college readiness skills necessary to help at-risk students achieve their goals. Free dual credit tuition, textbooks, and earning college credit will provide life-changing opportunities for every student to enter high school with a promise and exit with a purpose.

Model Implementation

Does the district have any designated ECHSs for the current school year?

No

Which ECHS model does the district intend to implement at this time? Within these models, there are variations. For this purpose campus is defined as a CDC number not a physical location.

School-Within-School (SWS) - A subset of students on the campus are enrolled in grades 9-12 are enrolled in the ECHS academy.

Dual Credit

Identify the type of advanced courses (dual credit/AP/IB) currently implemented on the campus. If this is a brand new campus, identify the type of advanced courses currently implemented at any school in the district. If the district does not currently offer any of the advanced courses below, select "Not Applicable".

- DC
- AP
- IB

Describe the advanced courses (dual credit/AP/IB) currently implemented on the campus. If planning to start a brand new campus, describe the advanced courses currently offered in the district.

Klein ISD has a robust Advanced Academics Department with multiple opportunities for Dual Credit and Advanced Placement Courses. We provide 15 dual credit courses, 29 Advanced Placement courses and offer a successful IB program at Klein Oak High School. Since the inception of the dual credit program in Klein ISD, the numbers of students enrolled in dual credit course offerings have steadily increased. During the spring semester of 2013, approximately 1,000 students district-wide participated in the program. Due to the strong support of Klein ISD and the partnership of the Lone Star College system, the spring of the 2017 school year showed over 3,400 students enrolled in dual credit courses. Dual Credit courses offered include: Dual Credit English 3 Dual Credit English 4 Dual Credit Biology Dual Credit Anatomy and Physiology Dual Credit Chemistry Dual Credit US History Dual Credit Government Dual Credit Economics Dual Credit College Algebra Dual Credit PreCalculus Dual Credit Nursing Dual Credit Psychology Dual Credit Sociology Dual Credit Court Systems and Practices Dual Credit Correctional Systems Dual Credit BCIS Dual Credit Business Law Dual Credit Automotive Technology Dual Credit Electrical Technology Dual Credit Advanced Manufacturing We look forward to the continued growth in the area of Advanced Academics and the opportunities this can provide to every student within our school district.

Describe the current campus or district partnership with the dual credit provider. If the district does not have a current partnership, please describe the proposed partner for the new campus and how the partnership is currently being developed.

Klein ISD has a long-standing strong partnership with the Lone Star College System. A current MOU is in place for the traditional Dual Credit program. Instruction is provided by adjunct professors through embedded courses with instructors certified by Lone Star College. Embedded courses are offered in both academic and CTE course areas. In addition, students may take courses on the college campus or online. Klein ISD has a robust dual credit program with over 3000 students enrolled in over 15 dual credit courses for the 2017-2018 school year. Lone Star College provides student support with strong instructional and student services departments. Members of the department visit each campus monthly to work with students in both the dual credit program as well as assisting seniors with the postsecondary needs. The combined Klein ISD / Lone Star College team meet regularly to discuss student and course needs as well as to develop new opportunities for students. We value our long time partnership with Lone Star College and look forward to expanding opportunities to all students through an Early College High School program.

Where are the dual credit courses currently offered?

- High school campus taught by high school teacher
 - High school campus taught by college faculty
 - Community college
 - Other: A small number of students take courses through online methods
-

Does the campus currently have teachers with qualifications to teach dual credit courses?

Yes

What percentage of current teachers are qualified to teach dual credit courses in english?

15

What percentage of current teachers are qualified to teach dual credit courses in math?

18

What percentage of current teachers are qualified to teach dual credit courses in history?

30

What percentage of current teachers are qualified to teach dual credit courses in other subjects?

20

TSI

What percentage of 9th grade students currently take the TSI?

0

What percentage of 10th grade students currently take the TSI?

11

What percentage of 11th grade students currently take the TSI?

39

What percentage of 12th grade students currently take the TSI?

30

Identify where the TSI is currently administered (check all that apply).

- 1
- 3

Targets, Readiness, and Focus

Identify the grade levels targeted if designated for the school year after your planning year (check all that apply).

- 9
- 10
- 11

Describe the current role of counselors regarding college and career.

College readiness instruction begins early in Klein ISD as elementary counselors provide college and career awareness lessons for grades 1-5. Intermediate campuses provide a number of high school credits. During the intermediate school years, Counselors provide guidance for student pathways from 6-12 grade, including the opportunity for college credit courses taken during the high school years. Each high school counseling staff contains CTE and Dual Credit counselors as well as a graduation advisor to work with at-risk students. With the advent of House Bill 5, endorsement selection and graduation planning is an important part of grades 8-12. This allows counselors the opportunity to discuss graduation plans, endorsements, certifications, dual credit options, and post-secondary options such as military, junior college, technical school, and/or 4-year university options. Counselors assist students with post-secondary options, including the college application process and financial aid applications, including FAFSA.

Identify the current endorsements that are offered:

- Science, Technology, Engineering, and Mathematics (STEM)
- Business and Industry
- Public Services
- Arts and Humanities
- Multi-disciplinary Studies

Identify the planned focus of the ECHS.

CTE