



# Career & Technical Education

## PATHWAYS TO SUCCESS

2017 - 2018

Middle School Program Guide



# CAREER & TECHNICAL EDUCATION (CTE)

## Career Transfer Program

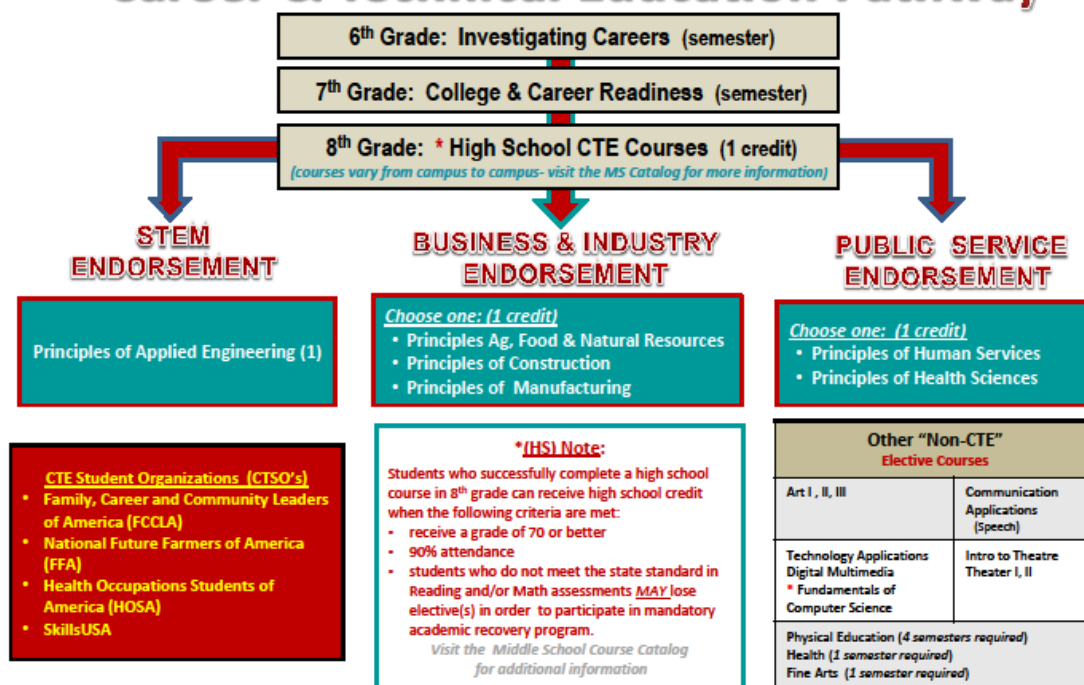
**Transfer Program – a student may apply to another middle school within the district in order to pursue a career pathway program not offered at their home school**

- The alternate school must be within the same high school feeder pattern (i.e. Kitty Hawk to Veterans Memorial HS; Judson and Woodlake Hills to Judson HS; Kirby and Metzger to Wagner HS).
- Transfer applications will be accepted on a space-available basis.
- Transportation is provided from the home campus when choosing to transfer to a different school other than your regular zoned, home campus.

**In order to be accepted AND remain in transfer status students must have, and maintain, the following expectations:**

- Passing grades in all coursework (minimum grade of a 70)
- 90% attendance and punctuality without excessive absences or tardiness
- Acceptable conduct as outlined in the Student Code of Conduct (i.e. multiple OSS/ISS placements)
- Continuous enrollment in a career and technical education course

## JISD 2017-2018 MIDDLE SCHOOL Career & Technical Education Pathway



**\*HS Note:**

-Students who successfully complete a high school course in middle school with a 70 or better will receive credit towards high school graduation. Each semester grade and credit earned will be recorded on the transcript and will be included in the student's grade point average and class rank.

-90% attendance is required with acceptable conduct as outlined in the Student Code of Conduct.

-If a student fails the state assessments and/or are at-risk of failing a course, they could lose an elective(s) and participate in a mandatory academic recovery program. Every effort will be made to avoid pulling the student from their CTE high school credit course; however, if this becomes necessary, the student will NOT earn the high school credit.

**(T102) Investigation Careers (6<sup>TH</sup>) – Half Year**

This course introduces students to setting goals which would be used as a foundation for success in high school, future studies, and careers such as Science, Technology, Engineering, and Mathematics (STEM); Business and Industry; Public Service; Arts and Humanities; and Multidisciplinary Studies. The students will research labor market information, learn job-seeking skills, and create documents required for employment. Students will investigate careers in all 16 career clusters. -

- *All campuses*

**(T100) College and Career Readiness (7<sup>th</sup>) – Half Year (required)**

This course introduces students to the career development process—it is unique to every student and evolves throughout their life. *Students will use decision-making and problem-solving skills for college and career planning.* Students will explore valid, reliable educational and career information to learn more about themselves and their interests and abilities. This course is designed to guide students through the process of investigation and in the development of a college and career achievement plan. Students will use interest inventory software and/or other tools to explore areas of personal interest. Students will use this information to explore educational requirements for a variety of chosen career paths.

- *All campuses*

**T101 Principles of Ag Science (8<sup>th</sup> only) – Full Year (1 HS credit)**

Students gain knowledge and skills in agriculture, food, and natural resources, students must attain academic skills and knowledge in agriculture. This course allows students to develop knowledge and skills regarding career opportunities, personal development, globalization, industry standards, details, practices, and expectations. To prepare for success, students need to have opportunities to learn, reinforce experience, apply, and transfer their knowledge and skills in a variety of settings.

- *Membership dues for FFA are covered by the high school affiliation agreement*
- *Kitty Hawk Middle School only*

### (T500) Principles of Human Services (8th only) – Full Year (1 HS credit)

This lab-based course will enable students to investigate careers in human services, culinary, health, education, and business. Students will examine skills in counseling and mental health, early childhood development, family and community, and personal care services. Additionally, students will enhance their skills in consumer economics, family relationships and self-esteem, child development and care, dietary needs throughout the lifespan, and clothing selection and maintenance. Students will have the opportunity to join the national organization called “Family, Career, and Community Leaders of America (FCCLA)” - a national organization that promotes leadership skills and the importance of the family.

- *Membership dues for FCCLA are \$20.*
- *All campuses*

### (T600) Principles of Health Sciences (8th only) – Full Year (1 HS credit)

This lab-based course is designed to provide an overview of the therapeutic services, diagnostics services, health informatics, support services, and biotechnology research and research development systems of the health care industry. To pursue a career in the health science industry, students will learn to reason, think critically, make decisions, solve problems, and communicate effectively. Quality health care depends on the ability to work with others in addition to the importance of professional integrity in this field. Students will have the opportunity to join the national organization “Health Occupations Students of America (HOSA)” – a national organization that promotes career opportunities in the health care industry and the delivery of quality health care to all people.

- *Membership dues for HOSA are \$25*
- *Judson Middle School only*

### (T710) Principles of Construction (8<sup>th</sup> only) – Full Year (1 HS credit)

This lab-based course provides an overview to the various fields of architecture, interior design, construction science, and construction technology. Job-specific, skilled training will be provided through the use of training modules to identify career goals in trade and industry areas. Safety and career opportunities are included, in addition to work ethics and job-related study in the classroom such as communications; problem solving and critical thinking; Information Technology Applications; systems; safety, health, and environmental; leadership and teamwork; ethics and legal responsibilities, employability and career development; technical skills; introduction to hand tools; introduction to power tools; basic rigging; and reading technical drawings. Students will have opportunity to create, design and build projects in a lab-based environment using knowledge and skills critical in the Architectural and Construction careers.

- *There is a \$50 shop fee for project-based materials and supplies.*
- *Membership dues for Skills USA are \$20.*
- *Kirby Middle School only*

### (T711) Principles of Manufacturing (8<sup>th</sup> only) – Full Year (1 HS credit)

Students gain knowledge and skills in the application, design, production, and assessment of products, services, and systems, and how those knowledge and skills apply to manufacturing within a lab-based environment. Students will have opportunity to create, design and build projects in a lab-based environment using knowledge and skills critical in the Manufacturing, Transportation and Trade & Industrial careers. . In addition, students will be are introduced to oxyacetylene and gas metal arc welding (MIG). Students are given opportunity to join Skills USA, a national organization serving over 275,000 students that are enrolled in technical, skilled, and service occupations. Students compete at district and state level in skills and leadership contest.

- *There is a \$50 lab fee that covers cost of coveralls, safety glasses, and welding gloves.*
- *Membership dues for Skills USA are \$20.*
- *Kirby and Kitty Hawk Middle Schools only*

### T(901) Principles of Applied Engineering (8<sup>th</sup> only) – Full Year (1 HS credit)

This course provides an overview of the various fields of Science, Technology, Engineering, and Mathematics (STEM) and their interrelationships. Students will use a variety of computer hardware, software applications, and lab-based environments to complete assignments and projects. Students will use multiple software applications to prepare and present course assignments and projects. Further, students will work on a design team to develop a product or system; the class will be divided between classroom and lab.

- *Kitty Hawk, Judson, Metzger, and Woodlake middle schools only*

### *Special Note:*

The Judson Independent School District Course Catalog is intended to assist students and parents/guardians in the course selection process. The finality of the contents of this catalog is contingent upon the decisions and actions taken by Texas Education Agency, the State Board of Education and the Texas Legislature. Any change, update or modification will be appropriately communicated.