

Career and Technology Education (CTE) offers a sequence of courses that provide students with coherent and rigorous content. CTE content is aligned with challenging academic standards, relevant technical knowledge and skills needed to prepare for further education and careers in current or emerging professions.

Endorsements and Clusters

Endorsement	Clusters in the Endorsement
STEM	Science, Technology. Engineering, and Mathematics
BUSINESS AND INDUSTRY	Agriculture, Food, and Natural Resources Business Management and Administration Information Technology Architecture and Construction Finance Manufacturing Arts, A/V Technology, and Communications Hospitality and Tourism Marketing Transportation, Distribution, and Logistics
ARTS AND HUMANITIES	♦ None
PUBLIC SERVICE	Education and Training Government and Public Administration Human Services Health Science Law, Public Safety, Corrections, and Security
MULTIDISCIPLINARY STUDIES	All Career Clusters

Texas OnCourse

Top Jobs

- *Software Designer
- *Financial Manager / Financial Advisor
- *Computer Systems Analyst
- *IT Manager
- *Operations Research Analyst
- *Business Operations Manager
- *Information Security Analyst
- *Database Administrator
- *Computer Network Architect
- *Web Developer

When looking for one of the best jobs of the future, two considerations will be crucial: what jobs pay well, and what jobs will expand dramatically in the next decade?



https://www.cnbc.com/2017/09/01/these-are-the-top-10-best-and-worst-jobs-for-the-future.html CNBC

https://www.businessinsider.com/best-jobs-future-growth?utm_source=copy-link&utm_medium=referral&utm_content=topbar&utm_term=desktop

KATHLEEN KRUMM

kkrumm@eustaceisd.net Conference: 12:20-12:50

AMANDA PERKINS

aperkins@eustaceisd.net Conference: 1:10-1:40

Technology Delivers



Career choices, future job outlooks, career clusters, and high school endorsements are all part of the plan for your success. Technology classes lead to certifications, technical schools, University degrees and valuable job skills. Areas of interest include Journalism, Business Management and Marketing, Computer Science, Financial Management and Computer Programming. The top four 21st century skills, as reported by Hanover Research are included in these classes (collaboration & teamwork, creativity & imagination, critical thinking, problem solving)¹









Inttps://www.envisionexperience.com/blog/13

gives students on the job training different from

the theme and plan the signing party. Yearbook

workshops, plan the theme, cover all events at

marketing, and editing are completed in one

publish a book from start to finish. Design,

collaboration, photography, reporting, writing,

Yearbook offers students the opportunity to

school, adhere to AP style, design the cover, plan

year. Students also attend protessional journalism

Science, Technology, Engineering & Math

solutions in other languages. ethics discussions and opportunities to find coding science test. There are multiple projects, computer and practice problems for the AP computer structures, algorithms, recursion, problem solving classes, object-oriented programming, data programming using Karel, basic Java, methods, Computer science includes an introduction to

the small details. Pi, breadboards, resistors, LED lights and Finch languages. Students experiment with Raspberry on skills and programming in Python and other Computer Programming emphasizes hands-

science concepts to access, analyze, and evaluate problems while collaborating and using computer implement, and present solutions to real-world Students will have opportunities to design, cifizenship, problem-solving and reasoning. will learn about computing tools, digital beginning the study of computer science. Students intended as a first course for students just

Graphics and games information. Block programming, javascript,

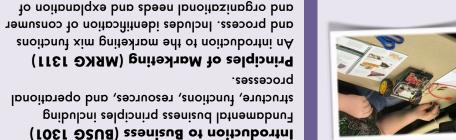




concepts and put in the time practicing to master problems. Students are expected to grasp the big robots to practice programming solutions to given

Fundamentals of Computer Science is

curriculum. are included in the



environmental issues.

TVEC Dual Credit

planning, and estate planning.

allocating, risk management, retirement

long-term financial goals through various

options based on current and projected

personal financial perceptive. Students will

will investigate money management from a

using appropriate software.

methods such as investing, tax planning, asset

various methods of achieving short-term and

long-term financial goals. Students will examine

and skills necessary to establish short-term and

economic tactors. Students will gain knowledge

apply critical-thinking skills to analyze financial

Woney Matters In Money Matters, students

database, and make an electronic presentation

documents, develop a spreadsheet, formulate a

technologies, create word-processing

address business applications of emerging

strengthen individual performance in the

education. Students apply technical skills to

transition to the workforce and postsecondary

implement personal and interpersonal skills to

In Business Information Management I, students

Business Information Management (BIM)

workplace and in society and make a successful

bəilqqA 🔀 Social **Тес**hnology Productivity Collaboration Initiative Media Creativity Leadership Plexibility Information Critical Thinking Learning Skills Life Skills Literacy Skills IN A CHANGING JOB MARKET CAN STAY COMPETITIVE SKITTS SIZL CENLURY any other class.

Graphic from Applied Educational Systems