

# **CAREER & TECHNICAL EDUCATION**

## **(CTE) MONTH FACTS**

- 1) 91 percent of high school graduates who earned 2-3 CTE credits enrolled in college.
- 2) Taking one CTE class for every two academic classes minimizes the risk of students dropping out of high school.
- 3) At JCHS, students can take some Career & Technical Education courses for college credit.
- 4) Career & Technical Education courses combine academic rigor with hands-on, project-based learning.
- 5) The more students participate in career and technical student organizations, the higher their academic motivation, academic engagement, grades, career self-efficacy, college aspirations and employability skills.
- 6) Students who take advanced CTE courses in high school see higher earnings, including a 3.2 percent wage increase for CTE concentrators.
- 7) Skilled trades workers, accounting and finance staff, nurses and technicians are some of the top jobs employers are having trouble filling in the U.S., and CTE plays a critical role in training workers in these areas.
- 8) In many CTE courses here at JCHS, students can earn industry-recognized certifications that can greatly improve their chance of getting a job in their career field.
- 9) About 50 percent of all STEM jobs are open to workers with less than a bachelor's degree.
- 10) CTE programs provide the skills training that addresses the needs of high-growth industries, such as healthcare, renewable energy and STEM fields.

- 11) 80% of high school students taking both CTE and college prep courses meet college and career readiness goals, versus 63% who are college and career ready through college prep courses alone.
- 12) Approximately 75% of the Programs of Study available to students here at JCHS are in the Career & Technical Education Department.
- 13) The average high school graduation rate for students concentrating in CTE programs is 93 percent, compared to an average national freshman graduation rate of 80 percent.
- 14) A person with a CTE-related associate degree or credential will earn on average \$4,000-19,000 more a year than a person with a humanities associate degree.
- 15) CTE serves 94% of all high school students.
- 16) Through their related Career & Technical Student Organizations, or CTSOs, JCHS CTE students can compete in competitions at the regional, state, and national levels.
- 17) There are 12 healthcare occupations addressed by CTE that are included in the list of the 20 fastest-growing occupations.
- 18) A recent study found that 80% of students taking a college preparatory academic curriculum with rigorous CTE met the standard for college and career readiness, compared with 63% of students taking the same academic core without rigorous CTE.
- 19) According to the United States Department of Labor Bureau of Labor Statistics, the fastest growing occupations projected through 2022 require career and technical education.
- 20) High school students who graduate with a Career and Technical Education concentration are 2 and a half times more likely to be employed while pursuing post-secondary education.