The Fresno Unified Board of Education is investing $18.7 million in career technical education in the 2017-18 school year as it continues to expand and elevate options for students to better prepare them for a successful life beyond high school.

With the start of a new academic year in August, the district’s career technical education -- CTE -- will be stronger than ever. Highlights include:

- 25 Linked Learning career pathways
- 117 CTE courses offered
- 10,993 CTE students
- 72% of CTE courses receive A-G credit for CSU/UC college acceptance coursework

What is CTE? The term describes career technical educational programs that specialize in the skilled trades and career preparation, formerly known as vocational education. CTE provides students with the academic and technical skills, knowledge and training necessary to be college and career ready when they graduate from high school.

For video, go to vimeo.com/fresnounified/ctesummit

CTE includes pathways, programs, courses and training. CTE raises expectations for students and engages them in rigorous and relevant learning.
Parents can play a critical role in helping students pursue career technical education (CTE) -- whether it be a pathway, program or courses.

CTE enhances a student’s educational experience by focusing on preparation for college and career success. How can parents help their students prepare for the real world? Suggestions include:

• Talk with them about their aspirations, passions, strengths and weaknesses
• Discuss ideas about what they might want to do “when they grow up”
• Research opportunities, including enrichment opportunities, CTE classes at middle and high schools, and Linked Learning pathways available throughout the district
• Attend the Fall Career Tech Expo evening together to get more information about high school programs
• If a student shows interest in a career but has some weaknesses that might create a roadblock, help them think of ways to develop their skills in that area
• Complete transfer/school choice paperwork prior to the Dec. 1 deadline for the following school year
• Attend parent information events and showcases throughout the district and community
• Communicate with teachers and counselors on ways to best support a student’s career aspirations
• Attend the Spring CTE Summit with their student to learn more about CTE programs

The wide variety of CTE programs and courses in Fresno and careers available to students leaves them with many choices, and it is important to consider the individual student and the options at the area school. Once they are enrolled in a pathway, consistent communication between school and home can help them finish successfully and be prepared for their future beyond high school.

Informed Parents Help Guide Students to Career Pathways

Información Para Padres Para Ayudar a Guiar a los Estudiantes en su Carrera/Profesión

Los padres juegan un papel importante ayudando a los estudiantes a seguir la Educación de Carrera Técnica (CTE) -- ya sea un camino, programa o curso académico.

La Educación de Carrera Técnica (CTE) amplía la experiencia educativa del estudiante enfocándose en la preparación para el éxito en el colegio/universidad y una carrera. ¿Cómo pueden los padres ayudar a que sus estudiantes se preparen para el mundo real? Las sugerencias incluyen:

• Hablar con ellos acerca de sus aspiraciones, pasiones, fortalezas y debilidades.
• Discutir ideas acerca de lo que ellos posiblemente deseen hacer “cuando ellos crezcan”.
• Investigar las oportunidades, incluyendo de enriquecimiento, clases de CTE en secundarias y preparatorias y caminos académicos de Enlace de Aprendizaje disponibles en todo el distrito.
• Asistir juntos a la noche de Exhibición de CTE en el Otoño para obtener más información acerca de los programas de preparatoria.
• Si el estudiante muestra interés en una Carrera pero tiene algunos puntos débiles que pueden crear un obstáculo, ayúdelos a pensar de manera que desarrollen las habilidades en esa área.
• Completar la documentación de transferencia/escuela de preferencia antes de la fecha límite, el 1ro de diciembre, para el próximo ciclo escolar.
• Asistir a eventos de información para padres y exhibiciones en todo el distrito y comunidad.
• Comunicarse con los maestros y consejeros sobre las formas para apoyar mejor las aspiraciones de la carrera del estudiante.
• Asistir al CTE Summit de Primavera con el estudiante para aprender más acerca de los programas de CTE.

La amplia variedad de programas y cursos de CTE en Fresno y carreras disponibles para los estudiantes les dejan muchas opciones y es importante tomar en cuenta al estudiante individual y las opciones en el área escolar. Una vez que están inscritos en un camino académico, la comunicación consistente entre la escuela y el hogar les puede ayudar a terminar exitosamente y estar preparados para su futuro más allá de la preparatoria.

Niam txiv muaj ib feem tes dej num tseem tseem ceeb pab cov tawm ntawv taug kawm txuj ci dej num (CTE) -- txawm yuav yog ib txoj, kev kawm, los yog zai kev kawm.

CTE txhawb tub kawm ntawv kev kawm txuj ci los ntawm ua ntsi ntsi ntsi rau kev npaj rau kev kawm tau college thiab dej num. Cov niam txiv muaj peev xwm pab tau lawv cov tub kawm ntawv npaj li cas rau lub ntsi tiag tiag? Cov kev tawm tswv yim li no:

• Nrog lawv tham txog lawv tej hom phiaj, kev niam, tej kev txhawb zog thiab tej kev qag zog
• Sib tham tej tswv yim txog yam dab tsi lawv xav ua “thaun lawv loj hib”
• Tej kev qhiv txhawb nhiaj, xam nrog rau tej kev qhiv txhawb pab, CTE ceeb cov thawm kawm hauv cov tsev kawm ntawv them ntsi thiab them siab, thiab Txuas Txoj Kev Kawn muaj thoob plaws hauv pauv tsev kawm ntawv
• Mus koom hmo “Fall CTE Showcase” ua ke los muab lus qhia txog tsev kawm ntawv cov kev kawm
• Yog tias tub kawm ntawv muaj kev ntxim siab rau ib txoj hauj lwm tiam sis muaj kev qag qeb ua rau muaj ib qho kev thiaj, pab lawv xav txog tej kev los tsiaw lawv tej kev txawj rau suam kev qag qeb ntawm

See PARENTS HOW TO Continued on page 14
Reflections on a Successful Year and a Look Ahead at New Opportunities for Students

For many, this time of year reminds us of when we were kids, bringing back memories of backyard barbecues, family vacations and sleeping in. And while many Fresno Unified families are enjoying their summer break, our staff are hard at work preparing for another successful school year.

Fresno Unified ended the school year with such positive momentum. Graduation rates were up for the sixth consecutive year, reaching 85.4%. I expect that number to increase again with results from the Class of 2017. Baird Middle School, Design Science Early College High School and Edison High School were recognized as three of the top middle and high schools in the state earning Gold Ribbon distinctions.

The district announced expanding dual immersion at Rowell Elementary, Wawona and McLane High, building upon the success of established programs at Leavenworth Elementary, Sunset Elementary and Sequoia Middle School.

In another big development, the district joined forces with a new partner, California Health Sciences University (CHSU), to provide additional supports and experiences to those students interested in exploring careers in the health field. The partnership builds on the district's medical career pathways it offers at several high schools. CHSU strengthened its support for Fresno Unified students even further when it announced it would guarantee 20 spots for future Fresno Unified graduates interested in pursuing their post-secondary education at CHSU.

The district offers 25 Linked Learning pathways in a variety of careers, connecting what students do in the classroom to the real world of work and better preparing them to pursue careers. In fact, this entire edition of Building Futures is devoted to telling the story of our robust career technical education program.

This spring, we held our first Career Technical Education Summit with our partners at Fresno City College and the Fresno County Superintendent’s Office. At what I hope will be an annual event, students, parents and members of the community had an opportunity to visit different career pathways in the district. It was an eye-opening experience that will spark many, many conversations around the dinner table.

When I was asked to chair the CTE Advisory Committee it would have been easy to say, “I don’t have time.” I work in the building automation business and work 60-plus hours a week. But I said yes because I love give back since I have been blessed with such a wonderful career. I also wanted to know if it was still like when I took shop class in eighth and ninth grades. Those two years have paid massive dividends to me over the last 50 years. It was slow going in the beginning. So many acronyms to understand in education! There were so many things to learn about the complete CTE program.

Here is why I’m still here. First, the staff at Fresno Unified CTE who I work with is unbelievable. They are so dedicated to giving the students the greatest opportunities they could ask for. They are also so appreciative of us in the private sector who are dedicating our time to help. They don’t take any of us for granted. Rarely have I seen such appreciative people who understand how vital it is that we do this together.

Second, volunteering time to organizations is something I have always done. I share this goal with Fresno Unified. “Give the students in our community a chance to be educated in areas that produce great living wages and opportunities. When visiting different schools, I am completely uplifted by what I see and hear from these students. The enthusiasm for and enjoyment of what they are learning is awesome. To listen to a female welding student gushing over her participation makes my day.

I ask all of you out there in the private sector to please join us. We would love to have you. We can make your day and you will make a student’s day.”

Business Partners Essential to CTE

Business partners are essential to Fresno Unified’s career technical education (CTE).

They provide students with an authentic work-based learning experience while connecting school work to real world situations. To expose students to various career paths, it is important that the district work with business partners who represent a wide variety of industries.

These partnerships help students understand the skills and requirements necessary to gain employment in specific fields, while providing teachers feedback from industries to stay current with practices and expectations.

Business partners can get involved
Bullard High School

Linked Learning Pathways
- Business, Marketing and Technology -- marketing, management, and multimedia
- Biomedicine -- science, body systems, and medical interventions
- Law and Social Justice -- law and forensics

CTE Classes
- Contemporary Law
- Criminal Justice and Law
- Entrepreneurship & Marketing
- Multimedia/Multimedia II
- PLTW Human Body Systems
- PLTW Principles of Biomedical Sciences
- ROP Small Business Management
- ROP Video Production

“The positive aspect of being in a pathway for me is that I get to learn new things outside of school.” – Annastasia Ervin-Diffey

Center for Advanced Research and Technology (CART)

Grades 11 and 12

Linked Learning Labs
- Biomedicine
- Biotechnology
- Business and Finance
- Cybersecurity
- Digital Media and Graphic Design
- Forensic Research
- Hospitality and Event Management
- Interactive Game Design
- Law & Order/Public Policy
- Marketing, Advertising and Entrepreneurship

CTE Courses
- Advanced Topics in Medical Research
- Advanced Topics in Medicine
- Bioengineering
- Cybersecurity ICT Essentials
- Engineering 1
- Forensic Research
- Law & Order & Policy
- Neuroscience
- Psychology & Human Behavior
- Robotics and Electronics
- Web Applications Development

“CART challenged me in ways that prepared me for life after high school.” – Breanne Mendez
CTE PROGRAMS

Design Science Early College High School

CTE Courses at Fresno City College

- Education
  - Careers in Education
  - Art
  - Multimedia/Animation
  - Graphic Design/Communication
  - Fine Arts
  - Architecture (coming soon)

- Social Sciences
  - Psychology
  - Business
  - Criminology

- STEM
  - Science
  - Technology: Computer Science
  - Engineering
  - Math: Advanced Math

“I have 30-plus credits at Fresno City College. My future college goal is to attend UCLA with a political science major and go to law school after.” – Manuel Alcantar

Duncan Polytechnical High School

Linked Learning Pathways

- Medical Academy of Science and Health (MASH)
  - Rehabilitation Therapy
  - Nursing Services

- Innovative Design and Applied Technology (iDATA)
  - Automotive
  - Construction
  - Manufacturing
  - Welding/Fabrication
  - Medium/Heavy Truck (Beginning 2018/19)

NEW

CTE Courses

- Applied Medical Science
- Auto Technology
- Design of Movement

“I joined MASH as a stepping stone for my future career to be a neonatal nurse practitioner.” – Gaoger Lee

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www.FresnoUnified.org | PREPARING CAREER READY GRADUATES |
CTE PROGRAMS

Edison High School
Linked Learning Pathways
- Biomedicine -- healthcare and biotechnology
- Engineering Design and Development -- engineering and robotics
California Partnership Academies
- Green Energy and Technology Academy

CTE Classes
- Advanced Electronics
- Electronics Engineering
- Interactive Design and Application Development
- Introduction to Interior Design
- PLTW Biomedical Innovations
- PLTW Human Body Systems
- PLTW Introduction to Engineering Design
- PLTW Medical Interventions
- PLTW Principles of Biomedical Sciences
- PLTW Principles of Engineering
- PLTW Computer Science & Software Engineering
- ROP Athletic Training
- UCCI Green Up & Go

“In engineering, we get to learn about the different career opportunities as well as practice in the different theories taught in the classroom.” – Paulo Garcia

Fresno High School
International Baccalaureate Career Programme
- Business Marketing -- business
- Digital Media -- multimedia and video production
- Junior Reserve Officers Training Corp (JROTC) Army -- military career preparation

Additional CTE Programs
- Innovation, Design, & Engineering -- engineering and design (2017/2018)
- Engineering and Construction (Beginning 2018/19) -- engineering and construction

CTE Classes
- Electronics Engineering
- Entrepreneurship & Marketing
- Multimedia
- PLTW Introduction to Engineering Design
- PLTW Principles of Engineering
- ROP Digital Video Production
- ROP Multimedia Communication Design
- ROP Virtual Enterprise
- Video Production

“I’m now more focused on my communication skills and how I present myself to employers, my community, family, and friends.” – Jada Howard-Nolan
CTE PROGRAMS

Hoover High School

Linked Learning Pathways
- Public Service -- fire safety and law enforcement
- Eco-Technology -- natural resources and renewable energy
- Media, Design and Production -- arts, media and entertainment

CTE courses
- Agricultural Science I
- Biological Links to Energy & Environment
- Construction Technology I
- Forensic Science
- History of Public Safety
- Leadership in Public Service
- Multimedia
- ROP Construction Technology (Exterior)
- ROP Construction Technology (Interior)
- ROP Digital Photography
- ROP Fire Science
- UCCI Green Up & Go
- UCCI Sustainable Agriculture
- Video Production

“I liked the many opportunities that were offered, like being invited to the USDA research facility and touring and learning about what they do.” – Wendy Thao

McLane High School

Linked Learning Pathways
- Educational Careers -- teaching and child development
- Banking -- finance (partnership with Union Bank)
- Business -- management and marketing
- Medical Education and Research (MERA) -- public health and medical

California Partnership Academies
- Business Academy
- Medical Education & Research Academy
- ArtVenture Academy

CTE courses
- Business Technology
- Entrepreneurship & Marketing
- Introduction to Education
- Multimedia
- Nutritional Health Sciences
- Personal Finance
- ROP Art & Design
- ROP Banking & Finance
- ROP Medical Careers
- ROP Digital Video Production
- ROP Public Health & Wellness
- ROP Small Business Management
- ROP Virtual Enterprise
- UCCI Applied Chemistry & Biotechnology
- UCCI World History by Design
- Video Production

“The Medical Education & Research Academy has been a positive impact in my life [and] has created new experiences that will benefit other people in need.” – Erica Covarrubias
CTE PROGRAMS

Patiño School of Entrepreneurship
Grades 10-12
Linked Learning Pathways
- Entrepreneurship & Technology -- online marketing, coding and web design

CTE Courses
- Advanced Online Marketing
- Advanced Web Development
- Business Startup Accelerator
- Business Startup Incubator
- Online Marketing
- Web Design & Development

“We receive guidance throughout the year on financial planning for stability, online marketing, web developing and coding from industry partner mentors at Bitwise and other local businesses.” – Katie Yang

Roosevelt High School
Linked Learning Pathways
- Careers in Education -- teaching and educational leadership
- Health Patient Care

California Partnership Academies
- Business/IRS Academy
- Health Academy

CTE courses
- Applied Medical Sciences
- Fashion Design

“I like being in the health pathway because it has prepared me to know how to handle emergency health situations and it shows me all of the different kinds of jobs in the health world.” – Luis Arteaga III
Sunnyside High School

Linked Learning Pathways
- Agriscience and Technology -- agriculture and natural resources
- Multimedia and Marketing -- photography and marketing graphics
- Health and Human Services -- healthcare and medical services

California Partnership Academies
- Video Production Academy

Additional CTE Programs
- Doctors Academy
- Teacher Academy

“Since I wish to pursue a job in mechanical engineering, this class has helped expose me to what I might be doing every day for the rest of my life.” – Jennifer Gutierrez

CTE Courses
- Agricultural Biology
- Agricultural Engineering
- Agricultural Mechanics
- Agricultural Science I
- Applied Medical Sciences
- Child Development
- Cinematography
- Digital Photo & Marketing
- Multimedia
- ROP Careers in Education
- ROP Digital Photography
- ROP Digital Video Production & Broadcasting
- ROP Medical Careers
- UCCI Biology & Community Health
- UCCI Chemistry & Agriscience
- UCCI Sustainable Agriculture
- Videography

Alternative Education Sites

Cambridge High School
CTE Courses
- ROP Graphic Design
- ROP Small Business Management
- ROP Marketing Communications
Business/Communication/Design Academy under development

J.E. Young Academic Center
CTE Courses
- ROP Pre-Employment Preparation

DeWolf High School
CTE Courses
- ROP Construction Technology (Exterior)
- ROP Construction Technology (Interior)
- Business Urban Innovation (new)
Business/Innovation Academy under development

Phoenix Secondary – Discussions underway regarding CTE courses and opportunities for students.

“ROP class has taught me how to use large printers to create vinyl wraps, posters, banners and produce silk screened T-shirts. I learned to use all the software and printers. These skills have prepared me for a job in this field.” – Victor Medina (Cambridge High School)
CTE Spotlight: Students Learn Trades at Duncan Polytechnical

Devon La learns automotive skills at Duncan Polytechnical High School as a senior in May. He was part of the iDATA program that teaches skills in manufacturing, welding, automotive and construction.

The Innovative Design and Applied Technology Academy -- or iDATA -- at Duncan Polytechnical High School gives students a taste of what it’s like to work in manufacturing, home construction, the automotive industry and welding.

Roughly 600 students -- half of Duncan’s enrollment -- take part in iDATA, which features four major pathways: construction technology, advanced manufacturing, automotive technology and welding and fabrication.

The goal of this academy is to give students real life work skills that will create true opportunities for students upon graduation. The academy offers dual enrollment, meaning students can receive Fresno City College credits while taking iDATA courses. Fresno Unified has worked to create the same curriculum as Fresno City College at Duncan so students have a head start on college.

The construction technology pathway focuses on teaching students about interior and exterior home construction. Projects include building a tiny house. Students leave the pathway with a certification that demonstrates their knowledge in home construction.

The advanced manufacturing pathway focuses primarily on design using the Computer Assisted Design (CAD) method. Students learn about measuring dimensions and how to program a project to create parts. 3-D printing is used as part of the design process as well as robotics. Local company Betts Manufacturing contributes greatly to the pathway by providing guest speakers and assistance in creating a meaningful curriculum that will provide students with accurate knowledge about the industry.

Students enrolled in the automotive technology pathway learn all of the major systems and components of vehicles, electrical, and how to diagnose and troubleshoot repair issues. At the end of their coursework, students become Automotive Service Excellence (ASE) certified, the industry standard for automotive technicians. Future Ford is a local company that contributes greatly to the pathway.

The newest pathway is welding and fabrication. In its first year, students learn foundational basics of design, electricity and welding materials as well as basic welding skills such as grinding, cutting and different types of welding. Students can obtain certifications for specific welding qualifications.

iDATA is among the district’s Linked Learning pathways. This means the automotive teacher meets regularly with science and English teachers to create a conjoining curriculum so students see how they can apply their skills in other settings.

“What they’re really gaining is transferrable skills. English matters in automotive just as much as it matters in English,” said Principal Jeremy Ward. “Those transferrable skills are something they can use throughout their lives. We understand that not every student that goes through the automotive pathway is going to work in an automotive job but that’s not to say the experience is not extremely valuable.

“What they’re learning and gaining is knowledge, tools and skills that can be useful in a variety of careers.”

Students enroll in the academy beginning their freshman year and choose a pathway by their sophomore year. A new heavy truck pathway will be incorporated into the iDATA academy in the 2018-19 school year.

Fresno Unified Expands CTE

Career technical education (CTE) is expanding in Fresno Unified, with pathways and programs designed to ensure all students are college and career ready when they graduate from high school.

The district announced a new partnership with California Health Sciences University (CHSU) on May 17 to provide high performing students with a local option for pursuing careers in healthcare.

CHSU currently offers pharmacology and will soon open a College of Osteopathic Medicine, allowing students to stay local to study and work. The partnership will build on Fresno Unified’s existing health-related pathways at Bullard, Edison, Duncan Polytechnical, McLane, Roosevelt and Sunnyside high schools, which provide students options to experience various careers in the medical fields, from nursing, to working in a science lab to observing the demands of a local emergency room.

As part of the partnership, CHSU will guarantee 20 spots to Fresno Unified graduates.

Duncan Polytechnical will add a medium/heavy truck mechanic training program beginning in the 2018-19 school year. Students will learn how to diagnose, maintain and repair diesel trucks, including diesel engines, cylinder head and valve trains, engine blocks, fuel systems, engine brakes, and electrical systems. Students will also learn how to troubleshoot problems using the latest engine analyzers, handheld scanners, and other computerized diagnostic equipment.

Another exciting opportunity available in the 2018-19 school year will be Fresno High School’s International Baccalaureate Career Programme in Engineering and Construction. Industry partners will collaborate with the district to offer unique opportunities with local apprenticeship programs for students. This partnership will help to fill high-skill, high-demand jobs in sheet metal, welding, plumbing and electrical trades.

Fresno Unified is committed to providing innovative and rigorous CTE pathways and programs developed in partnership with industry partners allowing students to pursue their career passions as they become college and career ready graduates.
Students Begin Exploring Careers in Elementary School

Fresno Unified students begin exploring college and career options in the third grade, with opportunities continuing in middle school. This lays a solid foundation for more focused exploration in high school.

Elementary programs focus on career awareness, opening up possibilities to students. For all third-graders, the experience is on campus with a new partner, Bricks 4 Kidz, which specializes in engineering and technology instruction.

Through Bricks 4 Kidz, students learn workplace skills important to all career fields, including teamwork, discovery learning, and critical thinking.

Fourth grade students spend a morning visiting an industry partner’s facility. They learn about career opportunities, job skills required to be effective employees in the industry, and varying education requirements for employment.

Third-, fourth- and fifth-graders have the opportunity for CTE summer enrichment. Students explore the fields of health care, education, engineering, and computers.

Fifth- and sixth-graders participate in an in-class engineering activity done regularly throughout their year, promoting problem solving, creativity, and critical thinking through the Kids Invent! program.

Additionally, sixth grade classes tour a local community college: Clovis, Fresno, or Reedley. Students learn more about college and career options after high school and opportunities to pursue their career passion.

Many middle schools offer CTE courses that introduce challenging technical skills and students can expand upon their interests in Linked Learning pathways offered at high schools. School clubs and summer school enrichment experiences offer additional engagement opportunities for students to explore careers of interest.

Fresno Unified’s eighth grade students tour a four-year university or college to learn about further educational opportunities after high school as they reflect on future career options.

High School Pool Schedules (June 12 - August 6)

<table>
<thead>
<tr>
<th>Pool</th>
<th>Schedule</th>
</tr>
</thead>
<tbody>
<tr>
<td>BULLARD</td>
<td>Weekday: 4pm - 7pm</td>
</tr>
<tr>
<td>FRESNO</td>
<td>Weekday: 2pm - 4pm, 4pm - 7pm, 12pm - 5pm</td>
</tr>
<tr>
<td>EDISON</td>
<td>Weekday: 2pm - 4pm, 4pm - 7pm, 12pm - 5pm</td>
</tr>
<tr>
<td>ROOSEVELT</td>
<td>Weekday: 2pm - 5pm, 12pm - 5pm</td>
</tr>
<tr>
<td>MCLANE</td>
<td>Weekday: 2pm - 6pm, 12pm - 5pm</td>
</tr>
<tr>
<td>SUNNYSIDE</td>
<td>Weekday: 2pm - 5pm, 12pm - 5pm</td>
</tr>
</tbody>
</table>

Schedules are subject to change  |  Weekdays- $1 Children/ $2 Adults  |  Weekends- FREE

Community Blue & Green Space Summer 2017

Fresno Unified will open seven of its high school pools to community swimming and swim lessons June 12-August 6 through a partnership with the City of Fresno PARCS Department. The pools will be open noon to 5 p.m. on Saturdays and Sundays and in the afternoons Monday through Friday (times vary based on the pool and dates).

The joint program, Community Blue and Green Space, offers safe community access and programs during the summer with swimming and park activities at Fresno, Hoover, Edison, Roosevelt, McLane and Sunnyside high schools. Swimming lessons will be offered at Fresno, Hoover, Edison and Bullard high schools.

Swimming will be free on Saturdays and Sundays, $1 on weekdays for children and $2 for adults. For more information regarding hours and cost of lessons, call 621-2900 or visit www.fresno.gov/parks/.
Fresno Unified has responded to growing opportunities in the medical field by establishing new programs and courses for students that prepare them for health care jobs.

A key part of this effort was a $6 million grant the district received in June 2015 in partnership with Fresno City College, the Madera Center and Fresno Adult School to focus on expanding health science and medical technology pathways.

The College and Career Readiness Department had applied for the California Department of Education’s California Career Pathways Trust (CCPT) Grant to establish new and expand existing career pipelines in the health care industry. The grant is designed for pathway programs in grades 9-14 (community college).

Additionally, CTE funding has focused on increasing opportunities for students to explore opportunities in the health care industry through established and new programs and courses.

The targeted work has included opening six health pathways based on the National Academy Foundation model for developing articulated high performing Linked Learning pathways.

The targeted work has included opening six health pathways based on the National Academy Foundation model for developing articulated high performing Linked Learning pathways. New medical pathways were launched at Bullard, Duncan Polytechnical, Edison, McLane, Roosevelt and Sunnyside high schools. The first graduating class will be in 2018.

In addition, Duncan’s nursing program, McLane’s and Roosevelt’s health sector California Partnership Academies and Sunnyside’s Doctors Academy have all been expanded and/or strengthened through this work.

Nine new course offerings were developed and approved.

Two dual enrollment courses with Fresno City College offer college credit: Medical Terminology (HIT10) and Pharmacology (MA2). Health industry certifications that allow for immediate employability skills have also been increased for student access.

Additionally, increased student opportunities for work-based learning experiences include site visits to health care facilities, job-shadowing and internships.

The health care industry is a significant and growing part of Fresno’s economy. Health care related occupations -- from pediatricians to nurses to behavioral health care workers -- are in demand. Preparing a qualified health care workforce is a priority in the San Joaquin Valley.

Fresno Unified’s investments include:

- Estimated cost -- $83 million
- 3.5% salary increase
- District Health Fund contribution at $17,789 per employee allowing JHMB to choose a 90-10 health plan and out-of-pocket maximums at $2,500 for single and $5,000 for family plans
- Revised extra pay for extra services
- Differential pay for parental leave
- Increasing catastrophic leave up to 100 days
- Working conditions language to improve teacher safety

Fresno Unified’s Investments

The district has significant investments in education for 2017-18 that address many of the requests raised by FTA. A partial list of investments include:

- $8.8 million in social/emotional and academic supports
  - Additional psychologists, nurses, licensed vocational nurses, six new school based clinics, social workers, counselors and campus safety assistants
  - Alternative education redesign and facility improvements
  - Extending library hours at elementary schools with literacy and math tutors available

Career technical education expansion

- Adding a Construction Management Program at Fresno High School for 2018-19
- $3.2 million in stipends and salary enhancements
- 20% salary increase for early learning teachers
- Health fund contribution for a 95-5 plan and out-of-pocket maximums at $1,250 for single and $5,000 for family plans
- District to cover all health fund shortfalls
- $25 million in class size and $12.5 million in SPED program investments

Fresno Teachers Association

Since March of 2017, FTA had made minimal changes to its proposal to the district.

FTA Proposal Summary

- Estimated cost -- $154.4 million
- Salary increase of 4% 2016-17, 3% 2017-18 and 3% 2018-19
- $3.2 million in stipends and salary enhancements
- 20% salary increase for early learning teachers
- Health fund contribution for a 95-5 plan and out-of-pocket maximums at $1,250 for single and $5,000 for family plans
- District to cover all health fund shortfalls
- $25 million in class size and $12.5 million in SPED program investments

Fresno Unified’s Proposal

- Employee compensation for a dedicated and skilled workforce
- High quality educational programs
- Prudent fiscal reserves for economic uncertainty

The Fresno Unified Board of Education and district remains committed to working through the summer to reach a resolution that is mutually agreeable to both sides. The next step in the process is mediation. The public is invited to stay updated by visiting www.fresnouinified.org or by calling (559) 457-3548.
Approximately 3,600 students graduated from Fresno Unified high schools and alternative education programs beginning May 18 and continuing through June 7. Below left, J.E. Young Academic Center held its graduation at the Saroyan Theatre; below right, Edison High School held its ceremony at the Save Mart Center; clockwise starting at the top left, Phoenix Secondary Academy held its ceremony at its campus; Cambridge High School held its ceremony at the Saroyan Theatre, Design Science Early College High School held its ceremony at Fresno City College’s Old Administration Building, Hoover High School held its ceremony at the Save Mart Center, Fresno Adult School held its ceremony at the Saroyan Theatre, Fresno High School held its ceremony at the Save Mart Center, Duncan Polytechnical High School held its ceremony at the Saroyan Theatre, Bullard High School held its ceremony at the Save Mart Center, Hoover High School held its ceremony at the Save Mart Center, Sunnyside High School held its ceremony at the Save Mart Center, McLane High School held its ceremony at the McLane stadium and DeWolf High School held its ceremony at the Saroyan Theatre.

For video, go to vimeo.com/fresnounified/graduation2017
Local businesses are critical partners in CTE as they connect the real world of work to the classroom.

A high-quality CTE experience offers career awareness, exploration, and readiness learning for students at all grade levels. CTE also helps employers fill needs in high-skill, high-wage, high-demand areas; creates opportunities for industry-recognized certifications; and gives students an opportunity to enroll in college courses while in high school.

CTE pathways, programs, courses, and training are offered at each high school in Fresno Unified and focus on the challenging technical and academic skills needed to attain and maintain high-skill, high-demand careers.

Many of the district’s middle schools offer CTE courses and clubs as well as summer school enrichment experiences. Elementary students in grades 3-5 have CTE experiences through industry visits, STEM (science, technology, engineering, math) activities and summer school enrichment.

High school CTE courses, including Regional Occupational Program (ROP) courses, are essential components of Linked Learning pathways, Career Partnership Academies and the International Baccalaureate (IB) Career Programme and give students extra preparation for college and careers.

Fresno Unified currently has multiple advisory committees with industry partners. For more information, contact tara.loll@fresnounified.org or use the following link to view the district’s Opportunities for Involvement form: goo.gl/ErouUS.

Fresno Unified CTE Highlights
- 4,452 Linked Learning pathway students
- 7 California Partnership Academies
- 3 International Baccalaureate Career Programmes
- 4 CTE programs: Teacher Academy, Doctors Academy, Computer Science and Engineering
- 56,413 work-based learning student engagements
- Scheduled activities for students as young as third grade to explore careers
- 282 business/industry partners
SUPT. MESSAGE
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opportunity to engage in a handful of district CTE pathways as Duncan Poly-technical student ambassadors conducted demonstrations in occupational therapy, construction, automotive, welding and technology. Those in attendance learned of important and new initiatives under way and gained a better understanding of CTE here in the central valley.

As a district, we also walked away with a number of helpful takeaways, including a request to do more to share these important offerings with students and parents as they move from elementary to high school -- giving families more time to explore options and consider potential Linked Learning pathways that might better align with their student’s skill set.

There is an adage that says, “You get hired for what you know, and fired for who you are.” It is critical that we teach our students at an early age the skills of the graduate profile -- which means having not only the competencies for workplace success, but the character.

Our district is teaching students these “soft skills” to help them interact and communicate harmoniously with colleagues, no matter what career field they are in.

That brings us to this month’s issue of Building Futures. As you read, you will gain helpful insight into the world of career technical education at Fresno Unified including our growing list of CTE Linked Learning pathways. Focused on our district goals, Fresno Unified is committed to ensuring all students demonstrate the character and competencies for workplace success. Career technical education is just one way we are accomplishing that goal.

Reflexiones Sobre el Año Exitoso y un Vistazo a las Nuevas Oportunidades Para los Estudiantes

Para muchos, esta época del año nos recuerda cuentos de niños, contar las historias en el patio y compartir las historias de la familia. Por lo tanto, es lindo compartir las historias de nuestros estudiantes a temprana edad las habilidades del perfil del graduado – lo cual significa tener no solamente las competencias para el éxito laboral, sino el carácter.

Nuestro distrito se está preparando para estas estudiantes a través de las actividades de Enlace de Aprendizaje que positivamente se alinean mejor con el conjunto de habilidades del estudiante.

Hay un proverbio que dice, “Eres contratado por lo que sabes y despedido por lo que no eres.” Es lindo compartir estas experiencias con nuestros estudiantes a temprana edad las habilidades del perfil del graduado – lo cual significa tener no solamente las competencias para el éxito laboral, sino el carácter.

Nuestro distrito se está preparando para estas estudiantes a través de las actividades de Enlace de Aprendizaje que positivamente se alinean mejor con el conjunto de habilidades del estudiante.
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