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CTE *Currents*

For the CTE Community: **Information | Recognition | Strategies for Success**

What Is A Program Of Study?

A Program of Study is a student plan that involves a multi-year sequence of Career Technical Education courses that supports core academic knowledge, skills, concepts and content with

technical and occupational skills.

These concepts, knowledge and skills will better prepare students for both college and career upon graduation.



Profiles in Excellence Series Spotlight On: Career Technical Education Programs of Study at Castle Park High School

Some of the Career Technical Education Courses Offered at Castle Park High School include:

Building Trades and Construction

- ROP Introduction to Engineering
- ROP Civil Engineering and Architecture
- ROP Introduction to Construction
- ROP General Construction
- ROP Introduction to Plumbing
- ROP Electrical Wiring

Featured Teacher:



Paul Chilson
Castle Park
High School

Plumbing Teacher

Electrical Wiring
Teacher

Course: ROP Introduction to Plumbing

I was born in Chula Vista in 1953, just as rock and roll was about to capture the nation's attention. I have lived, attended school and worked in the South Bay area my entire life. I graduated from Mar Vista High School and later, Southwestern College. I did internships with a few plumbing shops in San Diego and opened my own business before I turned thirty. I specialized in both residential and commercial accounts, some of which included McDonald's, Jack in the Box, Southland Corporation and others. I served as plumbing instructor with Home Builders Institute at the San Diego Job Corps for eight years. It has been my privilege to serve as lead plumbing instructor for the Plumber-Heating-Cooling-Contractors Association of San Diego for the past four years.

How do I envision the future of our CTE program? I view it with extreme confidence; I have high expectations for its continued success. The Career Technical Education courses at Castle Park High School gives students the opportunity, upon graduation, to continue on to college or to start their career in the construction sector. An important point to remember is that the present, older generation of plumbing technicians is on the verge of retirement. This will propel the need for multifaceted students who can articulate core academic knowledge with the latest technological know-how into careers that need qualified candidates. Not only that; it will launch them into positions as industry leaders. The need for high-caliber plumbing technicians is evidenced by the calls I receive from my colleagues requesting students that are ready to work. The enthusiasm I hear about our CTE program from my industry peers is a testament to the excellence of the course, our students, and speaks to the potential for this to become the gold standard career technical education program of its kind in the US.

Profiles in Excellence Series
Spotlight On:
Career Technical
Education
Programs of Study at
**Castle Park
High School**

Featured Teacher:



Brad Kosh
Castle Park
High School

**Construction
Teacher**

Course: ROP Introduction to Construction

I am a third generation California Contractor on my father's side and a third generation teacher on my mother's. I was born and raised in Petaluma California. I moved to the Central Valley in 1989 and, until relocating to San Diego in July, I have called Gridley, California my home. I am married and have three children. I have worked in residential construction since the age of sixteen and became a construction superintendent by the time I was twenty-one years old.

By the age of thirty-one I was working in administrative management for a national residential builder, managing multiple trades on dozens of jobs in Northern California and Nevada. Among my many responsibilities was training field and office personnel. During that time, I volunteered as a Youth and Children's Ministry Director at my local church, which led to a part-time staff position as the Youth Pastor. It was then that I discovered my love of teaching, especially teaching teenagers.

I have been given the opportunity to do the two things I do best, build and teach. I am truly excited to be a part of Career Technical Education and the Building Trades and Construction coursework.

Featured Teacher:



Ramon Moscoso
Castle Park
High School

**Engineering
Teacher**

Course: ROP Introduction to Engineering Design

I was born in Tijuana, Baja California on July 7, 1972 and lived there for the next 17 years. I moved to San Diego, graduating from Hilltop High School in 1990. My education continued at Southwestern College, where I was formally introduced to the field of architecture. After finishing my courses at Southwestern College, I transferred to Woodbury University in Burbank, CA and graduated with a B.A. in Architecture. This was a dream fulfilled, since from the age of six I have had a passion for design.

My first professional job was working for a company in San Diego which created engineering drawings for Boeing Airplanes. I worked in the department responsible for the electrical engineering for the 747-400 model commercial jetliner. After this job I worked for Design Line Interiors. As one of their project managers, I was tasked with space planning and oversight of interior remodeling. I decided to dedicate myself fully to architecture, so I worked for several firms in San Diego in the capacity of Residential and Commercial Architect. I served as project manager and primary coordinator on a variety of residential developments throughout San Diego County. After working for several years in different companies, I opened my own firm, Mosarch + LC Design Studio. We provide residential and commercial architectural services. We have been fortunate in maintaining a full schedule of projects.

The passion I have for design, which drew me to architecture when I was a child, still endures. Every day I try to transmit that positive energy to my students; my hope is that they will find their life's work as well as embarking upon that inner quest that will spur them on to success.