

CTE *Currents*

Featured School: Eastlake High School

Program of Study:

Health Science and Medical Technology (with emphasis on Physical Therapy/Sports Medicine)

- Courses:**
•Physical Therapy

Program of Study:

Arts, Media and Entertainment

- Course:**
•Multimedia Productions

Program of Study:

Health Science and Medical Technology

- Courses:**
•Medical Terminology
•Medical Assistant Administrative
•Medical Assistant Clinical

MARIA ESTHER LIZARRAGA



EASTLAKE HIGH SCHOOL PRINCIPAL

At Eastlake High School we offer a variety of Programs of Study that support students' interest and prepare them for their future. We offer courses in Engineering, Medical Terminology, Medical Assistant, Multimedia Productions, and in Physical Therapy. These courses connect students to our

school and encourage students to plan for their future and bring together our students and our community. In the case of our Medical Pathway, our students participate in an internship program with Scripps Hospital where students get hands on experience in the work place. Our Engineering students have participated in internships with SPAWAR and Qualcomm.

Our Multimedia Production students learn specific computer programs and become certified in these programs. As a result, our students are more qualified for job opportunities in the community. It also prepares them for their future careers. Last semester a student had just learned CPR in the Physical Therapy class, and the following weekend had to put to practice this skill by conducting CPR on a community member and saving the student's life.

Eastlake High School is committed to providing a variety of experiences for our students.

We will continue supporting these career courses because they provide hands-on skills for our students and it motivates them to attend school regularly. We also want to ensure that our students are well-rounded individuals who possess skills which will support them in the workforce and/or in the career of their choice.

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TEACHER PROFILE:
**SIENA
BARROSO**



TEACHES:
· MULTIMEDIA
PRODUCTIONS

I have always been passionate about teaching. After graduating from UC San Diego with a degree in Communications, and working in industry training colleagues in different technologies, I decided to answer my true calling and acquire my teaching credential through Cal State San Marcos. Today, I find it both a privilege and fulfilling to be teaching among the Eastlake High community. Students go beyond mastering the core competencies of the Multimedia Productions course into showing proficiency in everyday technology. This is important to the curriculum of the students at Eastlake as their

computer knowledge enhances their everyday technological tasks. In addition to the valuable computer skills they gain from the course, students have a stronger understanding of the importance of how core academics such as Math and English become relevant in real world situations.

Through the Multimedia Productions course students are exposed to technology and skills using state-of-the-art professional equipment. Such skills acquired are transferable and are a valuable asset for both college and their future career, as well as the world we live in today. Due to ever-changing technology, Multimedia Productions will always play an important facet in our society. I enjoy the challenges of inspiring and getting students excited for the next new piece of technology. In addition to earning course competencies students have the opportunity to take the Adobe Certified Associate (ACE) exams for Photoshop and Flash. Students earning Adobe certifications will validate their technical skills and demonstrate real-world expertise and proficiency, thus making them valuable candidates for prospective employers.

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TEACHER PROFILE:
**FEDERICO
ARCAINA III**



TEACHES:
· PHYSICAL
THERAPY

The Physical Therapy I course is important to the curriculum of the school because it gives students the opportunity to express their interest in the medical, therapeutic, and sports medicine fields through hands-on practical application. Their exposure to CPR/First Aid awareness preparation, injury prevention, therapeutic rehabilitation, splinting and taping skills are exercises which go hand-in-hand with real-life scenarios. Athletes that have taken the course are utilizing specific rehabilitation techniques in response to their sports-related injury. Emergency Health Services (EHS) coaches have requested
(Mr. Arcaina III cont'd on next page)

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(Mr. Arcaina III, cont'd)

my students to provide aid in injury prevention by splinting/taping athletes before and after sporting events. The students feel more valuable to the school serving as Student Athletic Trainers (S.A.T.'s). Student-athletes that have taken the course have realized that not all of them will continue their athletic careers at the collegiate level, and have concluded that Physical Therapy/Sports Medicine is the next best choice to being involved with a sport.

The Physical Therapy I course prepares students to develop a base for Sports Medicine-related college courses and career pathways. Students also learn basic medical terminology, human anatomy, CPR/First Aid, OSHA standards, and proper splinting and taping skills. The in-the-field environment allows students to develop individual skills through hands-on application with their peers.

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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.

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

TEACHER PROFILE: PATRICIA CORONA



TEACHES:

- › MEDICAL TERMINOLOGY
- › MEDICAL ASSISTANT ADMINISTRATIVE
- › MEDICAL ASSISTANT CLINICAL

I have been teaching Career Technical Education courses for Sweetwater for the past 15 years, and I have 20 years of experience in the medical field. I have taught several courses at different schools during the time I have worked in the Sweetwater Union High School District.

I have really loved helping all my students grow into creative, critically thinking, lifelong learners. I transferred to Eastlake to teach the Medical Assistant – Clinical/Administrative, Healthcare

Essentials, Medical Terminology, and Business and Computer Applications (BACA) courses. These courses are designed to give students the skills and competencies necessary for pursuing additional vocational or academic courses. Upon entering the workforce, these students are more knowledgeable about these fields. Students can transfer some of the credits they earn in high school to community college. This means that students can earn college credits and learn valuable professional skills while fulfilling their high school graduation requirements. This will make them more marketable as prospective employees in the medical field.

I am amazed and impressed at the enthusiasm, dedication, and effort the students demonstrate towards moving forward with their education. I love that students take these courses seriously, and try their best on their assignments, projects, quizzes, and tests. It is a real pleasure to have the opportunity to help students develop and reach their dreams.

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