

CUSTOM CONTENT • February 3, 2025

# EDUCATION, TRAINING & Online Learning

*Plus*

## K-12 STEAM GUIDE

Presented by



Cal State Fullerton.





## Finding a sustainable career path.

Jenny Huynh is proof positive that one can leverage core skills to segue into a dream job.

Now a global sustainability manager at apparel companies and sister brands Alo Yoga and Bella + Canvas, she embarked on a career in corporate sustainability after several years in the fast-paced field of public accounting and financial auditing.

Her transition to a career dedicated to sustainable stewardship in the apparel industry was a gradual one. “A career doesn’t have to be linear,” she says. “You can always pivot and find something different.”

After graduating with a bachelor’s degree in accounting and business administration from Chapman University, Huynh – a native of Irvine – went on to earn her CPA and work in public accounting for nearly six years, including working internationally for global powerhouse KPMG in Zurich, Switzerland and for a smaller firm in Irvine.

While in Europe she realized “accounting was not my dream. I wanted to find something I was more passionate about.” Zurich, she says, is a very progressive city where people take pride in their environment. “I spent a lot of time there volunteering and connecting with people on a human level and also discovered that the field of corporate sustainability existed as a profession. When I was in college, corporate social responsibility was under the radar but now it is mainstream. After I realized this, it became clear what I wanted to do and I became passionate about moving forward.”

Inspired by what she had learned in Zurich, she returned to Orange County to delve into the field of sustainability – landing an accounting job at Alteryx, a data analytics company, and enrolling at Irvine Valley College (IVC) to earn a certificate of proficiency in sustainability and resource management, a program designed to provide students with the skills and knowledge necessary to obtain employment or advancement in a sustainable resource management or a zero waste-related field. “My first step on my path to a career in sustainability was at IVC.”

After nearly two years as senior revenue accountant at Alteryx, she eventually achieved her original goal and was promoted to environmental, social and governance (ESG) manager, a transition she attributes to her IVC certificate and the relationships and trust earned at the firm.

Her tenure at IVC was equally productive, and she forged many enduring connections and relationships. She now serves on IVC’s industry advisory board, a committee made up of industry professionals which provides important feedback on the sustainability and resource management curriculum. Her work at IVC was also a springboard to her next educational

goal, an M.B.A. in sustainable solutions from Presidio Graduate School, which she expects to complete in Spring of 2025.

Trevor Blythe, an adjunct professor at IVC and the vice president and co-owner of EcoNomics Inc, recommended Huynh for the committee and worked closely with her at IVC. “I had the pleasure of instructing Jenny in two of my classes,” he recalls. “With her background in accounting, she was incredibly effective at communicating the business case for sustainability in her written assignments and presentations. Based on what she was learning at IVC, she assembled a ‘green team’ at her work that involved employees across the world and implemented impactful sustainability programs. I was thrilled to hear about her recent position as the head of sustainability for Alo Yoga and could not think of a more thoughtful, capable, passionate, and experienced person to head up that effort. With her impending M.B.A., Jenny will surely make a positive impact in the sustainability sector.”

By landing her dream position at Alo, she is now responsible for developing companywide strategy – integrating sustainability into the firm’s overall business strategy, including measuring their carbon footprint and greenhouse gas emissions and setting targets for reduction around water, energy and waste usage. “I also collaborate on innovation around raw materials and what’s used in products, insuring we are able to comply with sustainability reporting requirements in this field,” she explains. “I have a lot of opportunity to innovate and create from the ground up. My goal now is to grow the team here. This is a brand with a big platform and has the potential to be a leader in innovation around the corporate sustainability space.”

When she is not hard at work leading and devising corporate sustainability strategies, Huynh is passionate about volunteering, environmental stewardship and social justice. She also loves hiking and being in nature with her dog Oliver, a labrador retriever.

“I care about the world around us,” she says. “My career fell into place because I realized the importance of corporate sustainability – a sector that relies on social engagement, education and volunteering, all things I love.”

*For more information on IVC’s Sustainability and Resource Management program, please contact Jodi Titus at [jtitus@ivc.edu](mailto:jtitus@ivc.edu) or visit [link.ivc.edu/srm](http://link.ivc.edu/srm)*

# Inspiring success. Building futures.

Searching for that next successful addition to your team? Then Irvine Valley College is the right place to look. Well-poised for a strong future, our students are highly motivated and focused on excelling in their chosen fields.



## Meet Jenny Huynh

Passionate about corporate responsibility and social engagement, Jenny embarked on a career in sustainability after earning a certificate of proficiency in sustainability and resource management from IVC. She is now the global sustainability manager at a well-known apparel company and poised to complete an M.B.A. in sustainable solutions from Presidio Graduate School.



Learn more at [ivc.edu/ewd](http://ivc.edu/ewd)





CONCORDIA  
UNIVERSITY  
IRVINE

## FROM SERVICE TO STUDIES: VETERANS FIND A HOME AT CONCORDIA

Concordia University Irvine welcomed a record number of veterans and veteran-related students to campus this fall as former servicemembers seek an education grounded in faith and a greater purpose while training for their new careers.

“Concordia offers something unique in the education marketplace,” says Richard Lewis, a former paratrooper and combat cameraman who now serves as the director of Concordia’s SSG Matthew Thompson Veterans Resource Center. “Our idea of serving God by serving your neighbor through your vocations is very attractive and very healing for veterans. We all went through high-stress situations where the only thing that gave us purpose was serving the people around us.”

In recent years, Concordia has enrolled four or five veterans as new undergraduate students each year. This year, that doubled to nine, and the number of graduate students in Concordia programs who are veterans stands closer to 50. There are also 16 military dependents, many of them using their parents’ Veterans Administration benefits to attend college.

Most of the 20 undergraduate veterans at Concordia are former Marines and most are men, with two women in the group. All branches of the military are represented at present except the Air Force. The youngest veteran student is 22 and just finishing his four-year contract with the Marines. Most served in Iraq and/or Afghanistan, and many are studying for careers in medicine, psychology, or business.

“The surge [in military-affiliated enrollment] is because of our great undergraduate admissions team and external factors which include the U.S. leaving Afghanistan and a bump in people leaving the military,” says Lewis.



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**“I love how welcoming Concordia is, especially being my age, which was one of my concerns. The student body made me feel at home very quickly. I love the veterans who are here.”**

—Nicholas Piazza, U.S. Army veteran and Concordia student

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Nicholas Piazza, 35, of Laguna Hills enlisted in the U.S. Army in 2009. In Afghanistan he was part of a heavy weapons company and a quick reaction force, evacuating dead and wounded from casualty events. He was promoted quickly but suffered from survivor’s guilt when a friend was killed. His unit lost 21 soldiers in 13 months, and Piazza spent several years haunted by his experience. In 2022, he got back on track to earn his degree, flourished for two years at a community college, and enrolled at Concordia.

“Concordia was my dream university because of the Christian values it has,” Piazza says. “Concordia has given me the opportunity to re-establish those roots and, with Core classes, to take an in-depth look at my own beliefs and what it means to be a Christian.”

He is studying psychology with the goal of earning a PhD in neuropsychology. While a student he also works at the Veterans Resource Center as the lead career coordinator, helping other veterans navigate their academic careers.

Designed to replicate a USO, the Veterans Resource Center offers free coffee, free printing, commuter lockers, and an entertainment area with a television and PS4 console with headsets. Veterans can access it with a 24-hour key-code.

“It’s a fun place to hang out,” says Lewis, director of the Veterans Resource Center. “It shows them that the school really supports veterans and that they are 100 percent welcome here.”

Visit [cui.edu](https://cui.edu) to learn more about Concordia University Irvine.



CONCORDIA  
UNIVERSITY  
IRVINE

# Freedom to Explore Your Future and Faith

Experience Christian education that's uniquely designed to develop the whole person – personally, professionally, and spiritually – at Concordia University Irvine.

Explore 60+ Programs  
[cui.edu](http://cui.edu)



## Create Your Opportunity



**“I was born and raised in Japan, but I was reborn and re-raised in the U.S. at Cal State Fullerton.”**

**- Ryutaro Ichihara**

### CSUF ALUMNUS TURNS PASSION FOR SOCCER INTO RESEARCH CAREER

Growing up in Japan, Ryutaro Ichihara’s life revolved around soccer. His passion for sports led him to Cal State Fullerton’s kinesiology program, where he collaborated with faculty experts to conduct research on the authenticity of sports in Western culture and how individuals with cerebral palsy experience physical activity.

The two-time CSUF alumnus presented his findings at multiple academic conferences, was named the university’s 2024 Outstanding Graduate Student, and found his purpose in teaching sports philosophy.

Ryutaro and Ramadhan are just two examples of graduates who experienced Cal State Fullerton’s commitment to advancing student success.

From admission to commencement, CSUF provides opportunities for Titans to pursue their passions, launch their careers and reach their fullest potential.

Learn more at [fullerton.edu/opportunity](https://fullerton.edu/opportunity)



**“Ever since I was in seventh grade, Cal State Fullerton has been an instrumental part of my life.”**

**- Ramadhan Ahmed**

### BIOLOGY GRAD ACCEPTED TO 17 ELITE MEDICAL SCHOOLS

At Cal State Fullerton, Ramadhan Ahmed began working toward a career in health care, studying biological science and gaining hands-on experience through the innovative Bridges to Stem Cell Research program.

Ramadhan scored in the 97th percentile on the MCAT and was accepted to 17 top medical schools. He was offered 12 scholarships, including a full ride to Johns Hopkins University, where he now is a medical student.

**Cal State Fullerton**

#3

IN THE **U.S.** FOR **BACHELOR'S DEGREES**  
EARNED BY **UNDERREPRESENTED STUDENTS**

*Diverse: Issues in Higher Education (2024)*



Cal State **Fullerton**®

fullerton.edu



## Advancing Student Opportunities For Tomorrow's Workforce

Orange County is home to one of the fastest-growing and most diverse business sectors in the United States. This rapid expansion has fueled a high demand for skilled and dynamic talent. In response, the **Irvine Public Schools Foundation (IPSF)** has become a vital bridge between academic institutions and the business community, fostering opportunities for students to develop the skills, confidence, and passion required to excel in today's competitive STEAM (Science, Technology, Engineering, Arts, and Mathematics) workforce.



Since its founding 28 years ago, IPSF has been committed to enriching public education through innovative programs, fundraising initiatives, and community partnerships. To date, the foundation has contributed over \$105 million in grants and program support, establishing itself as one of the leading educational foundations in the nation.

### Fueling Innovation in Education

Innovation in education thrives when educators are empowered to create transformative learning experiences. Through its Innovative Grants Program, IPSF has awarded over \$2.6 million to schools, enabling the launch of groundbreaking curricula and initiatives that enhance the student experience. These grants provide educators with the resources to push boundaries, encouraging creativity and engagement in classrooms.

"It is critical that we equip students with hands-on experiences and real-world skills to prepare them to become the leaders of tomorrow," says Neda Eaton, President & CEO of IPSF. "Through these grants, we proudly stand beside IUSD educators who are driven to reimagine their approaches to teaching."

Recently funded projects range from advanced STEM equipment and digital tools for behavioral growth to an Esports Lab designed to foster competitive skills and communication devices that promote equity and inclusion. By prioritizing innovation, IPSF's grants help expose students to cutting-edge learning opportunities that prepare them for future challenges.

### Ensuring Equitable Access to Opportunities

IPSF's afterschool and summer enrichment programs provide students with diverse learning opportunities, from coding and robotics to theater, debate, and entrepreneurship. By nurturing curiosity, IPSF empowers students to discover their unique talents and passions. These programs allow students to apply their classroom knowledge in new and creative ways while building collaboration and communication skills.

These enrichment opportunities have proven to enhance not only academic performance but also students' confidence and overall well-being. Research indicates that extracurricular programs play a significant role in promoting mental health and self-esteem. In fact, 86% of parents report that IPSF classes positively impact their child's confidence and motivation. IPSF helps foster resilience and personal growth in young learners by providing a safe space for exploration and creativity.

IPSF's commitment to high-quality educational enrichment for every child includes scholarships for families with financial need. Support from partners including **Google.org**, **Johnson & Johnson Medtech**, **AutoNation Toyota Irvine**, **Anaheim Ducks Foundation**, and **Cox Communications** helps to offset class fees and provide need-based scholarships, making enrichment opportunities accessible so that no child is left behind.

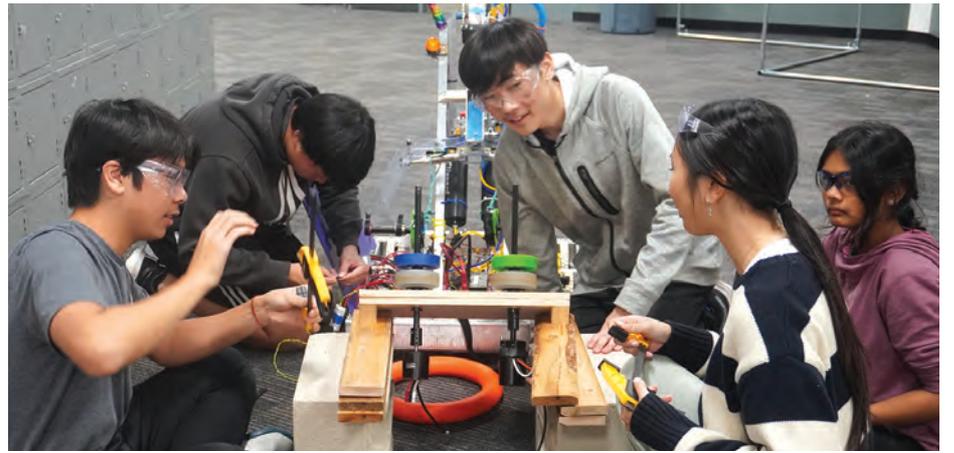
### Expanding Career Pathways

IPSF's dedication to creating opportunities extends to Career Technical Education (CTE) programs, which provide students with hands-on experiences in fields ranging from engineering and healthcare to arts and business. These programs cultivate essential skills such as teamwork, leadership, creativity, and problem-solving, preparing students for success in college and the workforce.

Through partnerships with organizations like the **Arnold and Mabel Beckman Foundation** and **eKadence Learning Foundation**, IPSF has strengthened the CTE Engineering Pathway Program, particularly by engaging underrepresented students to diversify the STEM pipeline.

"The Engineering Pathway Program empowers students to explore their curiosity and elevates their understanding through hands-on STEM learning experiences that teach new, relevant skills with real-world applications," shared Dr. Anne Hultgren, Executive Director and CEO of the Arnold and Mabel Beckman Foundation. "We're excited to support worthwhile programs like this, helping to build on the momentum of its success and enrollment growth, focused on connecting with underrepresented students and increasing accessibility."

These initiatives have led to tangible outcomes, such as students pursuing internships, earning certifications, and gaining hands-on experience that positions them for long-term success. IPSF's focus on career readiness equips students with both technical expertise and the adaptability required in a rapidly changing job market.



### Bridging Education and Industry

IPSF consistently champions initiatives that connect students with industry professionals and opportunities. Partnerships with corporate partners like **FUTEK**, an Irvine-based engineering company, inspire student interest in STEAM-related fields and majors through hands-on exploration while still in school.

FUTEK's latest collaboration with IPSF is a unique internship program that pairs hands-on industry experience with scholarships to develop students' academic and practical knowledge. Five students are part of the pilot program, attending classes at prestigious institutions such as UC Davis, MIT, and Irvine Valley College while tackling projects like automating sensor calibration systems to improve efficiency. This hands-on experience hones technical skills while fostering critical workplace skills like teamwork and communication—tools these students will carry into college and their future careers.

"Every day, our people and products push the boundaries of innovation. FUTEK is honored to partner with IPSF to create lifelong learners who continue to grow, dream, and lead," says FUTEK CEO Javad Mokhbery. This partnership exemplifies IPSF's mission to unite the community in support of educational excellence and serves as a model for collaboration between education and industry.

### Strengthening Community Support

Through robust partnerships, IPSF continues to explore innovative ways to inspire students to achieve their full potential. By partnering with educators, businesses, and community leaders, IPSF has played a pivotal role in supporting Irvine Unified's vision of educational excellence, reinforcing its status as one of the nation's most highly regarded school districts.

IPSF values the role of community involvement in sustaining its mission. Local businesses and organizations are encouraged to join IPSF's network of supporters, helping to strengthen the community by fostering a culture of collaboration and shared

success.

A cornerstone of this collaboration is the **City of Irvine Challenge Match Grant**, which doubles the impact of contributions from corporate and community partners, ensuring even greater benefits for students and schools. Every dollar contributed to IPSF is matched by the City of Irvine, up to \$1.3 million annually, to enhance critical programs in music, art, STEM, health & wellness, and more—creating opportunities that inspire the next generation of thinkers, innovators, and leaders.

If your business is interested in joining IPSF's efforts to shape the future workforce, consider becoming one of its Top 100 Corporate & Community Partners Supporting Educational Excellence. For more information, contact President & CEO Neda Eaton at [neaton@ipsf.net](mailto:neaton@ipsf.net). Learn more about IPSF's mission and initiatives at [www.ipsf.net](http://www.ipsf.net).



# ORANGE COAST COLLEGE

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Costa Mesa



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**Top transfer college  
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Orange Coast College, the largest community college in Orange County, graduates thousands of students each year, transforming lives and uplifting families through the power of education.





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# CHARTING SUCCESS TOGETHER:

## *Pathways Lead to Success*

Rosary Academy, an all-girls Catholic high school in Fullerton, CA, has been empowering faith-filled young women since 1965. Committed to academic excellence and personal growth, Rosary introduced the innovative Pathways Program in 2018. This dynamic program offers students the opportunity to dive deep into specialized academic tracks, combining rigorous coursework with hands-on practicums. Designed to align with students' passions and future goals, Pathways prepares them for success in college, career, and beyond.

## **TAILORED CURRICULUM AND HIGH STANDARDS**

The Pathways Program offers a diverse range of fields for students to explore, including:

- Medical
- Performing Arts
- Leadership
- Computer Science
- Sports Medicine
- Engineering
- Law

Each pathway is meticulously tailored to provide students with rigorous subject-matter curriculum while fostering real-world experience in their chosen fields. Whether a student dreams of becoming a doctor, performing artist, leader in her community, or engineer, we have designed

specific tracks to ensure their education and experience prepare them for college and beyond.

**“The Engineering Pathway gave me the opportunity to focus my studies and extracurriculars on a specific topic, and even though I’m studying architecture, engineering was a great tangential topic.”**

Sara Garcia '24  
Engineering Pathway Student  
Cornell University, Architecture



Medical/Sports Medicine



## REAL-WORLD EXPERIENCE

A feature of Rosary's Pathways is its focus on practical, real-world experience. Students participate in internships, hands-on projects, and collaborations with professionals in their field of interest. This combination of academic rigor and experiential learning ensures that students graduate from Rosary Academy with the knowledge, skills, and insights needed to thrive in their future careers.

Our Pathways are more than just an academic experience—it's a journey that equips students with the tools they need to excel in their future after Rosary. Whether she aspires to make medical breakthroughs, innovate in technology, or pursue leadership opportunities, Rosary Academy is here to support her dreams.

## WHY YOU SHOULD PARTNER WITH OUR PATHWAYS PROGRAM

- ✓ Cultivate Future Talent
- ✓ Enhance Community Impact
- ✓ Empower Young Women
- ✓ Mentorship Opportunities



Engineering/  
Computer Science



Performing Arts

To learn more about partnering with Rosary Academy's Pathways Program, please email Mrs. Nikki Pontius '03 at [npontius@rosaryacademy.org](mailto:npontius@rosaryacademy.org)

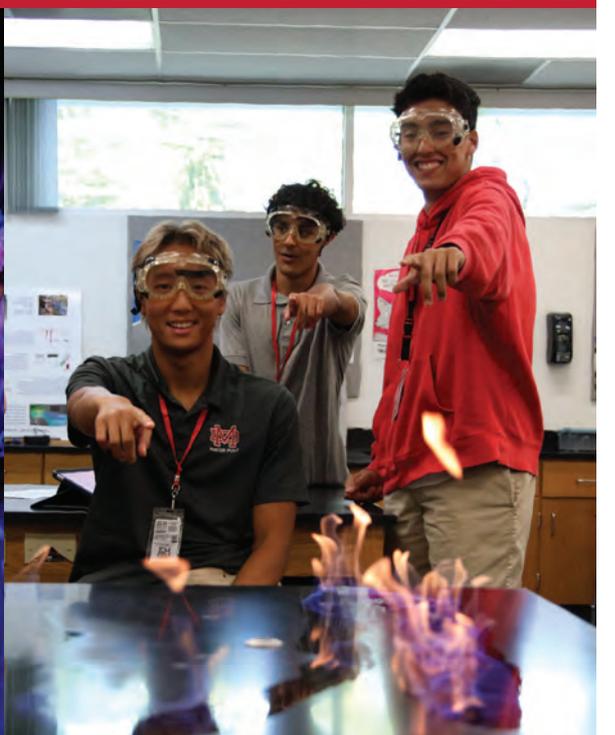
[WWW.ROSARYACADEMY.ORG/PATHWAYS](http://WWW.ROSARYACADEMY.ORG/PATHWAYS)



**MATER DEI  
HIGH SCHOOL**

### STEAM PROGRAM MISSION

Rooted in our Catholic faith and guided by our tradition of **HONOR, GLORY, and LOVE**, our mission is to inspire curiosity, awaken creativity, nurture critical thinking, cultivate collaboration, integrate faith and reason, promote technological literacy, encourage service-oriented leadership, provide real-world experiences, foster a growth mindset, and develop our students into ethical, inspirational leaders who will positively impact their communities and the world.



**THE JOURNEY TO BECOME A MONARCH STARTS NOW!**  
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Our dedicated faculty, equipped with state-of-the-art facilities, empowers students to excel in the ever-evolving world of STEAM. Our partnership with renowned organizations and experts in the field not only enhances the academic experience but also prepares our students for future careers in the rapidly evolving fields of science and technology.



# 75 Years of Excellence, A Future of Innovation: STEAM at Mater Dei High School



Founded in 1950 in the heart of Santa Ana, Mater Dei is proud to be Orange County's oldest and largest Catholic high school. Guided by a dedicated and caring faculty, our STEM program integrates faith and reason, helping students see how science and technology can serve humanity and contribute to the greater good. We are proud to offer a variety of course pathways and electives (at the college preparatory, honors, and Advanced Placement levels) that allow students to tailor their education to specific interests within the STEM fields. Programs are also available for Future Monarchs in grades 6-8.

## STEM Curriculum

- **Science:** Anatomy & Physiology, Biology, Chemistry, Forensics, Marine Biology, Physics, Sports Medicine, Zoology
- **Mathematics:** Algebra, Geometry, Precalculus, Calculus, Statistics
- **STEM Electives:** Robotics & Engineering (courses and competitive teams), Introduction to Coding Computer Science



## STEM Distinction Program

- Designed for students interested in pursuing majors or careers in STEM-related fields
- Personalized STEM pathways tailored to individual interests and goals as early as freshman year
- Students collaborate with academic counselors and faculty from the Science and Math Departments
- Curriculum aligned with Project STEM and Project Lead the Way standards
- Graduates receive a special notation on their final transcript and recognition at senior awards

## Biotechnology Certificate

Through a partnership with Santa Ana College and Santiago Canyon College, Mater Dei students can earn a Biotechnology Certificate of Exploration, making them eligible to work in a biotechnology lab after graduating from Mater Dei. Students also earn college credit.

## Unparalleled Visual, Performing, and Film & Media Arts Programs

We believe that the arts transform people into more complete versions of themselves by awakening creativity, fostering collaboration, and enlivening passion and determination. Approximately 50 percent of our students are involved in the arts.

### Visual Arts

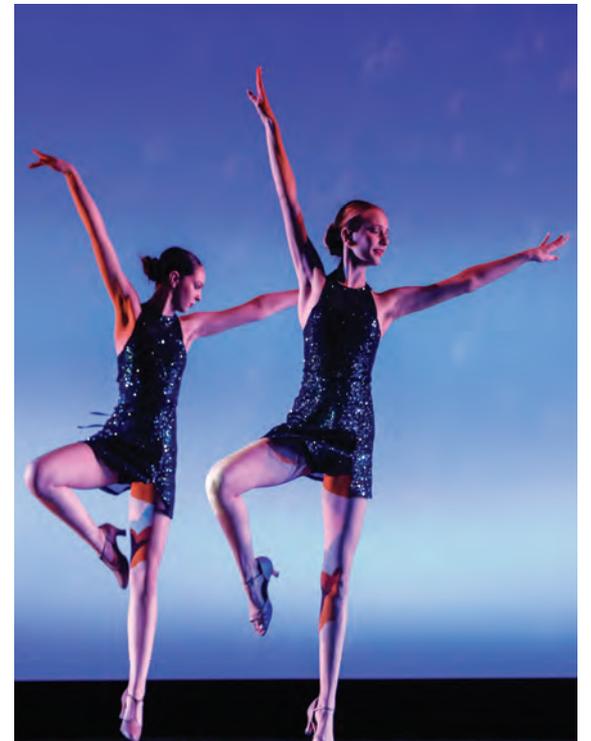
- 19 courses available for beginning, intermediate and advanced artists
- Various mediums can be explored including pencil, paints, ceramics, photography, and graphic design
- Numerous opportunities to showcase student artwork both on and off campus

### Performing Arts

- Over 40 courses in choral and vocal music, instrumental music, dance, and theatre
- Student artists perform in nearly 100 concerts, plays, performances, showcases, and competitions locally, nationally, and internationally

### Film & Media Arts

- Offers 30 courses in filmmaking, film studies, scriptwriting, television production, and journalism
- Designed to educate and give hands-on experience in this competitive and exciting industry



**Artists • Builders • Creators • Coders • Competitors • Innovators • Performers • Scholars • Scientists**



[www.materdei.org/STEM](http://www.materdei.org/STEM)





# MAKE A CHANGE

for the Best



Fairmont Schools has a seven-decade history of putting students first, and the educational outcomes to prove a culture of high expectations creates learners who thrive. Offering P-12 instruction across five Orange County campuses, Fairmont unleashes the genius in each child, whether a “late bloomer” or the highest achiever, empowering them to amplify their strengths and talents to reach their highest potential. Students are prepared to be future-ready in an ever-changing world, and the educational community embraces a growth mindset and fosters a culture of excellence. *From STEM to liberal arts, from cultural exchange opportunities to athletics and visual and performing arts, a Fairmont education places no limits on what your child can achieve. Where will Fairmont Schools take your child?*

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## Proven Results

Fairmont students perform in the top percentiles in math, science, and critical thinking skills year after year. The curriculum prepares them to work, on average, a grade level ahead of peers in public school programs. High school graduates are routinely offered admission to the nation's top colleges and universities.



## Empowered Educators

Fairmont employs caring, passionate educators who participate in thoughtful training and ongoing evaluation. Teachers are skilled practitioners of the art and science of education. They lead from the heart - connecting with students on a personal level and partnering with parents to create memorable educational experiences.



## Balanced Approach

Fairmont's educational program combines time-honored fundamentals with innovative approaches to learning, balancing intellectual growth with social and emotional well-being. From preschool through high school, students are challenged to strive for their best while understanding that care for themselves and others is fundamental to success in school and in life.



## Culture of Excellence

Fairmont students are focused, prepared, and motivated. A spirit of teamwork, collegiality, and mutual respect brings the community together and motivates students to make a difference. Fairmont believes in the rewards of working hard, taking risks, and never giving up.



## Specialized Programs

Students receive one-on-one guidance to help them discover unique strengths and talents through a multitude of academic, visual, and performing arts, and athletic opportunities. Campuses feature a variety of specialized program offerings designed to appeal to a wide range of student interests and talents.



## Continuity of Instruction

The most established secular, co-ed P-12 private school in Orange County, Fairmont has been educating young minds and nurturing young hearts since 1953. With programs that begin in preschool and culminate with a high school diploma, students can experience a Fairmont education from start to finish.



## Care for Community

Community service has been a hallmark of a Fairmont education since its founding and continues to drive a spirit of connectedness, compassion, and civic engagement. Students routinely lead service projects and philanthropic work in the local community and around the world.

# 98%

OF STUDENTS WHO HAVE BEEN AT FAIRMONT SINCE AT LEAST 7<sup>TH</sup> GRADE WERE ADMITTED TO A TOP 100 COLLEGE



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**I.B. WORLD SCHOOL**

**31 YEARS**

EDUCATING FUTURE GLOBAL CITIZENS

**13 RELIGIONS**

REPRESENTED IN STUDENT BODY

**26 COUNTRIES**

REPRESENTED IN STUDENT BODY

**12 ART TECHNIQUES**

THROUGHOUT ALL GRADES

**23 LANGUAGES**

SPOKEN BY STUDENTS

**715  
STUDENTS  
13 GRADE  
LEVELS**

**40 SPORTS TEAMS**

FIELDED IN 11 SPORTS

**6 SINGLE SUBJECTS**

SCIENCE, CHRISTIAN ENRICHMENT, ARTS,  
TECHNOLOGY & DESIGN, MUSIC AND P.E.

**3 WORLD LANGUAGES**

TAUGHT AS CORE SUBJECTS

**1,800 ALUMNI**

MAKING A DIFFERENCE IN THE WORLD

**20 MUSICAL INSTRUMENTS**

PLAYED BY STUDENT BODY



**...AND OPENING NEW  
GROUND-BREAKING  
DESIGN THINKING  
CLASSROOMS IN  
SEPTEMBER 2025.**



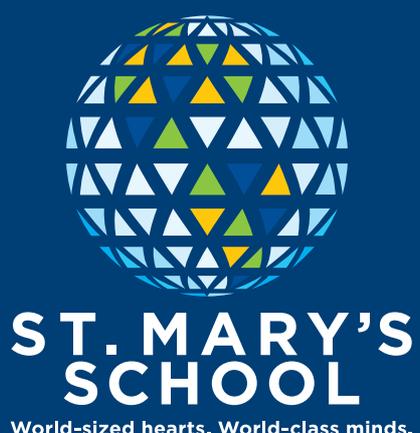
**ST. MARY'S HAS BEGUN THE DESIGN THE  
FUTURE PROJECT CONSTRUCTION**  
WHICH WILL INTRODUCE A NEW TWO-STORY,  
28,000-SQUARE-FOOT BUILDING  
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& EARLY EDUCATION CENTER)  
AND 40,000 SQUARE FEET OF BEAUTIFUL  
OUTDOOR COMMUNITY SPACES.

At St. Mary's, our vision is to prepare and inspire children to become courageous, caring, global citizens and enlightened leaders of tomorrow — those with world-sized hearts; world-class minds. As Orange County's only Early Education through Grade 8 International Baccalaureate and Design Thinking school, we have a distinctive educational model coupled with a culture of care, support, and innovation.



**NEW CAMPUS  
EXPANSION  
COMPLETED:  
SEPTEMBER  
2025**

DISCOVER MORE AT  
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World-sized hearts. World-class minds.

# ARMY & NAVY ACADEMY

FORGING INNOVATORS AND LEADERS



At Army and Navy Academy, young men discover their passions and prepare to thrive in a competitive, ever-changing world. Our mission-driven approach instills curiosity, critical thinking, and resilience while reinforcing character and leadership. Nestled on a stunning beachside campus in Carlsbad, CA, the Academy's military structure builds leadership skills, character, and discipline through mentorship and structured training, preparing Cadets to become confident, principled leaders in their communities and beyond.



For more information, please call 888.762.2338 or visit  
[armyandnavyacademy.org](http://armyandnavyacademy.org)



## OUR STEAM OFFERINGS INCLUDE:

### AVIATION AND DRONE TECHNOLOGY

Cadets explore the mechanics and applications of flight hands-on while building technical expertise.

### CULINARY ARTS

Precision, teamwork, and creativity come to life in our commercial kitchen. Cadets to cook, bake, follow complex recipes, and create their own.

### ROBOTICS

Cadets design, build, and program robots fostering creativity, engineering schools, and collaboration.

### ESPORTS

Team-building, strategy, and competition take center stage in the world of digital gaming.

### MARCHING BAND AND VIDEO PRODUCTION

The arts inspire self-expression and discipline, preparing Cadets for leadership in creative arts fields.

### COMPUTER SCIENCE

Coding, app development, and cybersecurity introduce cadets to essential technology skills.



# Educating for the Future

Santa Margarita Catholic High School leverages technology to create collaborative, student-centered classrooms that enhance learning outcomes and prepare students for the future.



## Eagle Online Academy

The Eagle Online Academy offers a fully online, asynchronous learning experience tailored for students seeking flexibility in their education without compromising academic excellence. This unique program blends the rigor of Santa Margarita's nationally recognized academics with the flexibility of online learning and the resources of a premier high school — all within a faith-based, vibrant supportive community.

- Fully online and asynchronous: classes are 100% online and self-paced, ideal for balancing academics with other commitments.
- Over 50 courses offered
- Faculty provide personalized support through in-person and remote faculty office hours.
- Full access to SMCHS resources, including counseling and wellness services, campus ministry programming, athletics, arts, and extracurricular activities.

Learn more about the Eagle Online Academy:

[www.smhs.org/online](http://www.smhs.org/online)



## Academic Programs

Santa Margarita's academic programs are designed to meet the diverse needs of learners, bringing learning to life through real-world application and innovation.

### ROBOTICS PROGRAM

The robotics program empowers students to design, manufacture and program competition-ready robots while collaborating with professional mentors.

### EAGLE TELEVISION BROADCASTING

SMCHS is home to a 3,700 square-foot digital media studio.

### IB WORLD SCHOOL

SMCHS is the only Catholic International Baccalaureate high school in the county. The program emphasizes critical thinking and global-mindedness.

### DIVERSE COURSE OFFERINGS

With 231 courses and tailored academic pathways, SMCHS students can explore fields such as cybersecurity, computer science, forensics, architecture, sports medicine, design technology and more. The school also offers an after-school conservatory in the arts, nurturing creative talent.

## Digital Literacy

### MEDIA LITERACY

SMCHS is committed to shaping responsible digital citizens. Through a digital media literacy curriculum, students develop critical thinking skills to become thoughtful problem solvers.

### ETHICAL AI INTEGRATION

Guided by Catholic values, students learn to use AI responsibly, safely, and ethically to complement — not replace — essential skills like analysis, comprehension and critical thinking.

### MICROSOFT SHOWCASE SCHOOL

As one of just 34 Microsoft Showcase Schools in the nation, SMCHS has been recognized as a global leader in educational technology for 11 consecutive years.



# SANTA MARGARITA CATHOLIC HIGH SCHOOL

A Diocese of Orange School • An International Baccalaureate World School  
22062 Antonio Parkway, Rancho Santa Margarita, CA 92688 • 949-766-6000

[www.smhs.org](http://www.smhs.org) @santamargaritaeagles facebook.com/smchseagles @SMCHSEagles  
Accredited by the Western Catholic Education Association (WCEA) and the Western Association of Schools and Colleges (WASC)



## K-12 STEAM GUIDE - Directory

**Army and Navy Academy****Head of School:** Barry Shreiar, President**Address:** 2605 Carlsbad Blvd, Carlsbad, CA 92008**Website:** www.armyandnavyacademy.org**Grade Levels:** 7-12**Total Enrollment:** 265**Student to Faculty Ratio:** 15:1**Average Class Size:** 20**Application Deadline for the 25/26 School Year:** ANA offers rolling admissions but waiting lists are created as grade levels fill up**Type of School:** private all-boys military boarding academy**Unique Options/Programs:** Army and Navy Academy's STEAM program integrates hands-on learning in robotics, aviation, culinary arts, Esports, and more, inspiring young men to explore innovation, creativity, and leadership.**STEAM Mission:** Our STEAM mission fosters curiosity, creativity, and critical thinking while teaching resilience and teamwork. Through diverse programs, cadets are prepared to tackle real-world challenges and lead as virtuous, innovative problem-solvers in a rapidly changing world.**Fairmont Schools****Head of School:** Carolyn Lucia**Address:** 1575 W. Mable Street, Anaheim, CA 92802

Campuses in Anaheim Hills, North Tustin, Anaheim, San Juan Capistrano

**Website:** www.fairmontschools.com**Grade Levels:** Preschool – 12th grade**Total Enrollment:** 2640**Student to Faculty Ratio:** 12:1**Average Class Size:** 20**Application Deadline for the 25/26 School Year:** No deadline, rolling admissions**Type of School:** A secular, co-educational Preschool-12th grade private school**Unique Options/Programs:** International Baccalaureate (P-12), HS specialty programs: Advanced Science and Engineering, International Business, Advanced Mathematics, Fairmont Athletic Academy, ice hockey program (6-12), nationally-ranked debate program**STEAM MISSION:** Fairmont fosters creativity, critical thinking, and problem-solving through comprehensive curricular offerings in science, technology, engineering, arts, and mathematics, preparing students for college and beyond with hands-on learning and real-world applications.**Irvine Public Schools Foundation****Head of School:** Neda Eaton, President & CEO**Address:** 1 Venture, Suite 230, Irvine, CA 92618**Website:** www.ipsof.net**Grade Levels:** Pre-K - 12**Total Enrollment:** 38,000**Student to Faculty Ratio:** varies**Average Class Size:** varies**Type of School:** Education Foundation**Unique Options/Programs:** IPSF summer and afterschool enrichment programs provide students with diverse learning opportunities that nurture curiosity and empower students to discover their unique talents and passions.**STEAM Mission:** IPSF's mission is to enrich the educational experience of each child in every school. We achieve this by providing programs, raising funds, and uniting the community in support of educational excellence.**Mater Dei High School****Head of School:** Michael Brennan, President and Frances Clare, Principal**Address:** 1202 W. Edinger Avenue, Santa Ana, CA 92707**Website:** www.materdei.org**Grade Levels:** 9-12**Total Enrollment:** 1850**Student to Faculty Ratio:** 25:1**Average Class Size:** 25-30**Application Deadline for the 25/26 School Year:** 12/9/24 (early acceptance); Regular Decision (3/1/205); Rolling Admissions after 3/1/2025**Type of School:** Coeducational, college preparatory Diocesan Catholic high school**Unique Options/Programs:** At Mater Dei, our students can explore tailored STEM pathways, earn a Biotechnology Certificate, achieve STEM Distinction, and join robotics courses or the competitive team to excel in innovation.**STEAM Mission:** Rooted in Catholic faith and our tradition of Honor, Glory, and Love, Mater Dei's STEAM program fosters creativity, critical thinking, collaboration, and service-oriented leadership to develop ethical innovators who positively impact the world.**Rosary Academy****Head of School:** Dr. Shawna L. Pautsch**Address:** 1340 N. Acacia Ave., Fullerton, CA 92831**Website:** www.rosaryacademy.org**Grade Levels:** 9-12**Total Enrollment:** 464**Student to Faculty Ratio:** 17:1**Average Class Size:** 20**Application Deadline for the 25/26 School Year:** Ongoing**Type of School:** all-girls Catholic college preparatory**Unique Options/Programs:** Rosary Academy has been empowering faith-filled young women since 1965. Committed to academic excellence and personal growth, Rosary introduced the innovative Pathways Program in 2018.**STEAM Mission:** The Pathways Program offers students the opportunity to dive deep into specialized academic tracks: Computer Science, Engineering, Sports Medicine, and Medicine. This program combines rigorous coursework with hands-on practicums. Designed to align with students' passions and future goals, our pathways prepare the young women we serve for success in college, career, and beyond.**Santa Margarita Catholic High School****Head of School:** J. Andrew Sulick, President**Address:** 22062 Antonio Pkwy, Rancho Santa Margarita, CA 92688**Website:** www.smhs.org**Grade Levels:** 9-12**Total Enrollment:** 1,790**Student to Faculty Ratio:** 15:1**Average Class Size:** 23**Application Deadline for the 25/26 School Year:** Rolling applications until a wait-list is formed.**Type of School:** Coeducational, college preparatory diocesan Catholic high school, International Baccalaureate World School**Unique Options/Programs:** Flexible, rigorous online learning program; the county's only Catholic IB World School; 118 higher-level courses; Options certificate program for students with developmental and intellectual disabilities; ASP program supports students with specialized learning needs**STEAM Mission:** Through the integration of science, technology, religion, engineering, arts and math, students build bridges across disciplines, inspiring innovation, and strengthening critical thinking skills for success in today's world.**St. Mary's School****Head of School:** Doug Patterson**Address:** 7 Pursuit, Aliso Viejo, CA 92656**Website:** www.smaa.org**Grade Levels:** Early Education through Grade 8**Total Enrollment:** 725**Average Class Size:** EEP 1:6-9; Lower School (K-2) 1:9; Lower School (3-5) 1:10; Middle School (6-8) 1:18.**Application Deadline for the 2025/256 School Year:** January 2025 for first round; Rolling Admission. Apply at www.smaa.org**Type of School:** Independent, International Baccalaureate school**STEAM Mission:** St. Mary's is committed to creating transformative educational experiences designed to solve real-world problems, explore different ideas and inspire flexible and persistent problem-solvers. STEAM is at the foundation of an International Baccalaureate education.