

COMMUNITY COLLEGES



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READY. SET. LAUNCH.

On a recent cold morning at Vandenberg Airforce Base near Lompoc, Calif, a record number of people chose to forego sleep in order to watch an historic space launch.

Orange Coast College alumni Jessica Artinger joined a crowd of roughly 50 fellow “ELFINers” who rose before dawn to make the three-hour drive from Los Angeles to see project “ELFIN” launch into space. ELFIN (Electron Losses and Field Investigation CubeSat) is the name of a student-led, five-year-long project that built two satellites, designed to measure space weather. The satellites - constructed at UCLA and attached to a rocket - were both about as big as a loaf of bread. It was a prideful moment for the students who spent five years working on the project, including Artinger; a recent transfer student to UCLA, she eventually became the lead fabrication engineer for the project.

“We got to hear the countdown to [launch], the crowd started kind of counting down with the guy that was in the control room,” Artinger said. “So everybody was getting super excited and you could just feel the energy before the actual rockets lit up.”

During her three and a half years as a student at OCC, Artinger built an impressive resume. She was the president of the astronomy club, president of Phi Theta Kappa (an international honor society for two-year colleges), vice chair of the advocacy committee, logged 850 service hours and was named the 2016 student leader of the year. It’s little wonder Artinger became the lead fabrication engineer- her time at OCC gave her the tools needed to take on the task.



“My last year at OCC I quit my day job so I could dedicate all my time to school,” she said. “That really prepared me [in terms of learning to] juggle the stresses of getting this done. We literally built the last two flight models in the last three months, which is an extremely tight timeline.”

When Artinger first set foot on OCC’s campus in Spring 2013, she never imagined it would be the first step on a path that led to helping launch a satellite into space.

“In fact, I didn’t really become an astrophysics major until my last two years [at Coast],” says Artinger. “I knew I wanted to study science but I didn’t know what branch of science. I didn’t really know much, and I didn’t follow rockets or anything like that. Looking back, if you would have told me that I would be doing this, I would have told you that you’re crazy.”

Artinger came to OCC with the intent of transferring to UCLA but never knew how much she would grow to care about the College - her post-UCLA plans include teaching at Coast.

“I think that, especially in science, everybody is capable,” says Artinger. “Having instructors that push students along the way is important. And I got that from OCC. It would be really cool to be able to give that back.”



Photo courtesy of NASA/Bill Ingalls

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Orange Coast College

Not Just a College... It's an EDUCATION

OCC is recognized for its outstanding academics and leadership, and even though we are one of the largest community colleges in the area, the faculty, staff and students at Coast form a tight-knit community. Here you will find a friendly and diverse academic environment that will give you the tools you need to succeed, whatever your goals are.

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www.orangecoastcollege.edu



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Beaming Past, Blazing Future

South Orange County Community College District, a shining star for higher education in Orange County

Just two years ago, the South Orange County Community College District (SOCCCD) celebrated 50 years of higher education offerings to the Orange County community. It started as a grand vision in 1967, of 125,000 taxpayers in south Orange County, to form a community college district, build a college to serve the local community, and bring higher education opportunities to residents from San Clemente to Tustin.

Today, South Orange County Community College District, comprised of Irvine Valley College (IVC) and Saddleback College (SC) serves more than 50,000 students per year, employs nearly 4,000 faculty and staff, and operates an annual budget of approximately \$717 million. Their service area encompasses 352 square miles and nearly one million residents.

From humble beginnings amongst the cowboy traversed land—Saddleback College, Irvine Valley College, and now the Advanced Technology and Education Park (ATEP) in Tustin—have developed from educational options to cornerstone educational opportunities for community members from every walk of life.

Programs

Each campus serves student populations both varied in background and in aspiration. The growth and sustainment of programs demonstrates the diversity of students and their needs. Both Irvine Valley College and Saddleback College offer traditional academic courses that serve students who desire to earn an associate's degree and/or transfer to a four-year university. Each college also offers Career Technical Education (CTE) opportunities, which help students learn the skills of a trade to move directly into the job market or earn a promotion in their present field.

In addition to traditional academic programs and CTE, both Saddleback and Irvine Valley are partnering with local K-12 districts to offer dual enrollment programs—allowing high school students to take community college courses and earn college credit while in high school. In some instances, students who are successful in the dual-enrollment programs earn their associate's degree before walking across the stage to accept their high school diploma.

One hundred-thirty (130) sites throughout SOCCCD's service area are designated for community education through the Emeritus Institute—a program that offers academically rigorous, socially engaging, and health improving courses for older adults throughout South Orange County.

Most recently, with the launch of the new Irvine Valley College School of Integrated Design, Engineering, and Automation (IDEA) at ATEP in Tustin, students can take advantage of an innovative education to prepare them for and propel them to jobs of the future. With a focus on rapid prototyping, drafting, engineering, and electronic technology—SOCCCD is offering a diverse menu of educational offerings to meet the needs of students from our past and students of the future.

Economic Impact

The impact of the South Orange County Community College District does not stop with students. SOCCCD creates a significant positive impact on the business community and generates a return on investment to their major stakeholder groups—students, taxpayers, and society.

According to a study by Emsi, in 2016-2017, SOCCCD added \$227.8 million to the local economy from income through 2,516 jobs, while spending \$10.2 million in construction building for the development of the campuses.

Student spending in the local area equated to \$257.5 million for housing, goods, and services. A portion of student spending is new money to the local economy,

due to the fact that 13 percent of students come from outside the district. Some students relocate to Orange County just to attend either Irvine Valley or Saddleback. Additionally, a number of students would have left the county if not for SOCCCD. Between the added income, operations and constructions spending, as well as student and alumni spending on goods and services—SOCCCD contributes approximately \$1.3 billion to the local economy.

That's not all, taxpayers earn a return on their investment into SOCCCD. For every dollar invested, taxpayers gain \$2.60 in added tax revenue and public sector savings. The net present value of the added tax revenue stemming from each student's higher lifetime earnings and the increased output of businesses amounts to \$531.9 million in benefits to taxpayers. Savings to the public sector add another \$42.9 million in benefits due to a reduced demand for government-funded services in California.

The Future is Bright

From piles of dirt, SOCCCD has achieved groundbreaking accomplishments over the 50 plus years of its existence. Saddleback College and Irvine Valley College consistently rank among the top 10 community colleges and educational institutions in California. Irvine Valley College has the #1 transfer rate in the state and Saddleback College has the #2 Nursing Program in the nation.

SOCCCD, like other community colleges, is not free from challenges. The educational landscape of today requires institutions to think broader in terms of how to holistically support students to succeed. More than one third of community college students throughout the nation struggle with non-academic barriers such as food insecurity, lack of housing, and inaccessibility to basic health related services.

In partnership with the California Community College Chancellor's Office and other organizations—SOCCCD leaders are working to have difficult conversations around real solutions to address some of the societal concerns that operate as barriers to student success.

Leadership

Under the direction of a seven member elected board, SOCCCD's executive leadership is comprised of a chancellor, three vice chancellors, and two college presidents. A majority of the district's leadership staff are new, with fewer than two years at the helm. But with the strong foundation and reputation of SOCCCD, the leadership team of today serve as a catalyst for transformational change and a commitment to uphold the long legacy of success that SOCCCD has experienced for so many years.

Chancellor Kathleen F. Burke, Ed.D., hired in 2018, was a former president of Los Angeles Pierce College in Woodland Hills, California. She now leads the South Orange County Community College District with 38 years of experience in the community colleges as both an administrator and educator. "It's an exciting time in higher education as we collectively focus on increasing opportunities and success for our students. I am grateful to work in the South Orange County Community College District with faculty, staff, and a Board of Trustees who are so dedicated to the communities we serve."



ADVANCED TECHNOLOGY & EDUCATION PARK (ATEP)

SOUTH ORANGE COUNTY
COMMUNITY COLLEGE DISTRICT



STEP INTO THE FUTURE

INNOVATIVE OPPORTUNITY TO DEVELOP IN THE HEART OF ORANGE COUNTY

A unique opportunity exists within the South Orange County Community College District to become a part of an innovative real estate development. Available now are several parcels of land, ranging from two to ten acres, for development of educational or commercial facilities.

The 62-acre Advanced Technology and Education Park (ATEP) will focus on advanced technology, career technical and

workforce development training programs to support high-demand industries.

Through public private partnerships, the South Orange County Community College District seeks to benefit education, business, industry, and the region.

The existing Integrated Design, Engineering, and Automation (IDEA) Building on the property is a dynamic site staged to educate and train students in design, engineering, and automation skills.

The ATEP property is nestled in the heart of Tustin Legacy – a redevelopment project which includes parks, modern housing, magnet public schools, a million square-foot retail mall, a conference center, and hotels.

The ATEP site has the potential to cultivate the region's future workforce with the essential skills needed for tomorrow.

Opportunity awaits to be a part of something truly innovative. Inquire today to learn about development opportunities.

Irvine Valley College's
IDEA Building opened in 2018.



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ATEP

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Career Education is *Building Orange County!*



Building

OPPORTUNITY



300,000+
students served



13.5% annual
rate of return on
tuition investment



Building

INFRASTRUCTURE



9,500+
community members
employed



\$490.4 million
in construction and
operations



\$788.2 million
in employee salaries

*“The investment in our
community colleges
is paying off!”*



—Dr. Gustavo Chamorro,
Director, Los Angeles
Orange County Regional
Consortium (LAOCRC)

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Fullerton College
Excellence. Elevated.



IRVINE VALLEY
COLLEGE

The figures are in. According to a 2018 economic impact report, Orange County's community colleges and their graduates are generating **billions of dollars** for the regional economy, while keeping our high-tech industries **on the cutting edge**.



Building
BUSINESSES

\$ \$6.4 billion
in regional income...
*supporting the equivalent
of 82,551 full-time jobs*



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9.6%
return on
investment
to taxpayers

13.5%
student
rate of
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The Leader in Innovative Education



Ranked #1 in Online Business Programs

Discover what Makes Coastline Extraordinary.

Coastline College provides courses, certificate and degree programs, and corporate training for the Orange County business community where students live and work. Coastline has campuses throughout Orange County--in Westminster, Garden Grove, and Newport Beach; and a virtual campus offering online classes; and a comprehensive student services center located in Fountain Valley. The College's outstanding faculty and staff work in partnership locally and globally with business and industry to tailor programs to meet today's demands, while contributing to the social and economic well-being of the communities we serve. Coastline is forward thinking and is "tomorrow's college today."

Work, Life, Balance.

With family and work obligations, Coastline students have options on pursuing courses and programs at various locations, length, and start date to personalize their schedules and goals. Coastline's online instruction is designed to let students learn and upgrade their skills while living their busy lives. Coastline's online programs give learners the ultimate flexibility to earn a certificate or an associate degree, transfer to a four-year university, upgrade or fast track their career with an occupation focused certificate.

A Recognized Leader in Online Learning

Since the College opened its doors in 1976, Coastline has distinguished itself as a pioneer and an innovator in distance learning while remaining deeply committed to academic excellence and student success. Coastline College was among the first to offer online courses and programs. Anytime-anywhere learning and student success are integral to Coastline's mission. Inspired by an innovative spirit and student-centered mindset, Coastline College is a champion of higher education for highly diverse populations.

Coastline is a recognized leader in online education with over 70 fully online degrees and certificate programs, including business and cybersecurity. A select list of notable accolades include:

- Selected as one of the top 150 colleges by The Aspen Institute for Community College Excellence for the past 8 Years, considered the most nationally prestigious prize for community colleges.
- The first California community college to receive the Center for Academic Excellence/ 2-Year Colleges designation from the National Security Agency for cybersecurity.
- Rated #1 in Best Online Business Programs by AffordableCollegesOnline.org
- Ranked #4 nationwide by Value, and the #1 top leader in online education on this list.
- Voted #2 nationwide of the Most Promising Places to Work by Diverse Magazine in Higher Education and is the only community college in California to make the list.
- Recognized as a Military Friendly School and a Best for Vets School by the Military Times, serving military service men and women around the world and veterans.
- Over the years, Coastline College has earned 20 Los Angeles-area Emmy Awards for Excellence in Instructional Television and more than 80 other national and international awards.

For more information about Coastline College, please call (714) 546-7600 or visit www.coastline.edu