VISION
To be an educational leader in a changing world.

MISSION
To provide a dynamic learning environment and diverse opportunities fostering student success and contributing to the community.

SOCCCD planned ahead to the inevitable “rainy day” of the economic downturn now occurring in the State of California. The vitality of our three campuses can be seen in new building construction, renovation projects, sustainability initiatives, state of the art technology and equipment, expanding online infrastructure, and new academic and career technical programs with focus on student success.

—Chancellor Mathur

FROM THE CHANCELLOR

In the South Orange County Community College District it’s all about planning to ensure continued student success. Ten years ago the Board of Trustees established an aggressive agenda related to planning and conservative fiscal management. They instituted a series of measures to cut spending and secured certificates of participation (COPS) for capital projects and technology initiatives to keep Saddleback College and Irvine Valley College competitive. The colleges accomplished strategic planning and master planning efforts, and the Advanced Technology & Education Park (ATEP) opened its initial campus on the former Marine Corps Air Station-Tustin.

In 2008, the COPS debt was retired, by board policy the reserve was set at 7.5%, and SOCCCD, with an annual budget of $425 million, was one of the first districts in the state to fully fund its retiree liability.

While many community college districts throughout the nation depend upon bonds to fund capital improvements, SOCCCD has “basic aid.” Because the district is located in south Orange County, the property taxes collected are beyond the state funding formula. The Board has chosen not to seek additional taxes in the form of “bond” measures because residents are already paying more. This funding source of between $40 and $50 million per year is also responsible for the early repayment of the COPS debt and fully funding retiree liability.

The Board is keenly aware that basic aid could go away at any time. We consider “basic aid” dollars equivalent to “bond” money.

SOCCCD planned ahead to the inevitable “rainy day” of the economic downturn now occurring in the State of California. The vitality of our three campuses can be seen in new building construction, renovation projects, sustainability initiatives, state of the art technology and equipment, expanding online infrastructure, and new academic and career technical programs with focus on student success.

While the state economy is in crisis and regional economic indicators are trending downward, our district is hiring new faculty and finalizing the long term development plans for ATEP.

Due to thoughtful guardianship by the Board of Trustees and strategic planning by our District and the colleges, we proudly have the resources to provide high quality learning opportunities to our students to meet the challenges of the changing economy. The global economic leadership of Orange County can depend on South Orange County Community College District.

—Dr. Raghu P. Mathur
Chancellor
THINKING GLOBALLY: CREATING A FOUNDATION FOR STUDENT SUCCESS

A FLATTENED WORLD

“[New jobs in the 21st Century] will all demand the ability to be a good horizontal collaborator, comfortable working for a global company (one whose headquarters may be in Beijing or Bangalore, not Boston), and translating its services for the local market, wherever that may be. It is about being able to operate in, mobilize, inspire, and manage a multidimensional and multicultural workforce...”

—Thomas Friedman, The World Is Flat

As Thomas Friedman points out in his seminal book on the flattening of the world, providing a global viewpoint and a broad experience of other countries and other cultures to our students is now an essential part of higher education’s mission. Furthering academic exchange—in both directions—is one of the best investments that we can make to strengthen U.S. education and research activities and foster cross-border collaboration on shared global problems, such as fighting disease, protecting the environment, and countering terrorism. Our local prosperity is tied to our national success in the global economy.

INTERNATIONAL STUDENTS

International student enrollment is at an all time high in the U.S. and this holds true for Saddleback College and Irvine Valley College as well. This past year, Saddleback College enrolled over 350 international students each semester and Irvine Valley College enrolled over 200 international students each semester. Our international students come from over 36 different countries, including Australia, Brazil, Canada, Cameroon, Colombia, China, Egypt, France, Germany, Ghana, Hong Kong, India, Indonesia, Ireland, Israel, Japan, Kuwait, Lebanon, Malaysia, Mexico, Nicaragua, Peru, Philippines, Russia, Saudi Arabia, Singapore, Sweden, South Korea, Taiwan, Tanzania, Thailand, Turkey, Ukraine, United Arab Emirates, United Kingdom and Vietnam.

STUDY ABROAD

The number of Saddleback College and Irvine Valley College students studying abroad continues to increase. Current study abroad opportunities include: England, Mexico, Peru and two locations in Spain—Salamanca and Santander.
**THE UNIVERSITY OF SOUTHERN CALIFORNIA**

**LEADING TO A SUSTAINABLE FUTURE**

In a world that is getting hot, flat, and crowded, the task of creating the tools, systems, energy sources, and ethics that will allow the planet to grow in cleaner, more sustainable ways is going to be the biggest challenge of our lifetime. But this challenge is actually an opportunity for America. If we take it on, it will revive America at home, reconnect America abroad, and retool America for tomorrow.”

—Thomas Friedman, Hot, Flat, and Crowded

**An Eco-Friendly Organizational Culture**
Advancing sustainability on each of our three campuses is a top priority for the coming year. A district-wide leadership team has been formed to explore integrating sustainability into all facets of the district: mission and planning, curricula, research, purchasing, student life, operations, professional development, legislative activities, and community outreach and partnerships. “We want to help everyone be a part of the solution. Even small actions add up and make a difference,” says Chancellor Mathur.

**Promoting Green Facilities**
Building environmentally conscious structures is a good start, such as the first phase of the new ATEP campus in Tustin, the Business and General Studies building retrofit at Saddleback College and the new Business Sciences Technology and Innovation Center at Irvine Valley College. In addition, district and college facilities directors and their teams have been working behind the scenes to improve waste management, increase recycling efforts, and reduce energy use to make an even bigger impact.

Saddleback College, for instance, is seeing a savings of one million kW-hours and $200,000 per year through energy conservation efforts, and has a waste recycling rate of over 50% for five years with a high of 71.4%. Saddleback’s 1.5 megawatt cogeneration facility provides 8.5 million kW-hours with savings of $480,000 per year. The college also saves approximately $75,000 per year by using 60 million gallons of reclaimed water. A new absorption chiller is projected to save over $210,000 per year.

Irvine Valley College’s micro-turbine cogeneration plant produced 1.45 million kW-hours this past year. Converting excess heat and using it to cool the campus saved over $290,000 in air conditioning costs. Solar voltaic panels installed on the roof of Hart Gymnasium produce 306,600 kW-hours of power annually. During peak periods of sunlight this array is capable of providing 100% of Hart Gym’s power needs. This system has proven to be virtually maintenance free and results in annual savings of $61,000. IVC plans to add a second large-scale solar installation on the roof of the newly completed Business Sciences Technology and Innovation Center, one which will generate more than twice the amount of energy produced from the Hart Gym solar array.

**Green Curriculum**
Our colleges are currently integrating sustainability into many of their general education courses, with the ultimate goal of incorporating sustainability across the entire curriculum. Courses such as Environmental Geology, Marine Biology, Biodiversity Conservation, Introduction to Ecology, and Alternative Energy Technologies are taught by expert instructors and guest speakers and often include team projects, hands-on experiences, lab work and field trips. Saddleback College actually has an outdoor Environmental Studies classroom located in the middle of a xerigraphic garden—students can step out of their classroom into their class project!

Saddleback College, Irvine Valley College and ATEP are also taking the lead in training the first generation of green collar workers. From automotive technology courses in Enhanced Clean Area Cars to proposed “green technology” certificates and “sustainable studies occupational skills” awards, our academic divisions and departments are “going green” across the board.

Another innovative approach to mitigating pollution, overcrowding and other adverse impacts on the environment is to add more “virtual” or online classes to our already popular catalog of online courses. The number of students enrolling in online courses has grown exponentially over the last few years.

**Community Outreach**
Getting the community involved and educated about sustainability is a vital part of our mission. Student activists at each of our campuses are leading the way in promoting campus/community partnerships on sustainability issues. Recently, student members of IVC’s Phi Theta Kappa sponsored a very popular Community E-Waste Day and the Associated Student Government of Saddleback College held its first Big Cigarette Butt Cleanup Day. These annual events show that by working together, we can all take advantage of the opportunities, as well as challenges, offered by “going green.”

Celebrating its 40th anniversary, Saddleback College has welcomed more than half a million students since first opening its doors in 1968. What began with 1,536 students in 13 buildings on a few acres has grown into a multiple-building, 200 acre campus offering more than 300 academic and career technical programs serving over 26,000 students annually.

Saddleback College is all about student success. The Transfer Center has helped students transfer to four year colleges and universities in 41 states across the nation and is ranked 11th out of 110 California community colleges in transfers to the University of California. Students pursuing technical careers find that they are highly competitive in the workplace after receiving their training and certification at Saddleback College.

Saddleback College is a south Orange County community tradition that provides world-class athletics and fine arts along with popular programs for children through its Community Education Program and its senior population through the Emeritus Institute.

Entertainment and Theater Technology
Technical elements including lights, sound and set design can transform a good production into a great production. Saddleback’s Division of Fine Arts has introduced a certificate program that will give students hands on experiences creating the technical elements of theater arts productions and other live events. Students will gain practical knowledge of theater technical skills with a streamlined path to employers, or they can begin a baccalaureate degree in technical theater and transfer to a conservatory program.

Rapid Digital Manufacturing Program
Saddleback’s RapidTech Center offers a Rapid Digital Manufacturing program that trains students to create custom parts and prototypes used in manufacturing, architecture, medical modeling, and entertainment industries. RapidTech received a $4 million grant from the National Science Foundation to teach students the rapid prototyping and additive manufacturing processes for several corporate partners including Pixar, Ford, Honda, and Boeing.

Algebra 2 Go
To help his students perform better on tests, Math Professor Larry Perez studied the notes his top students took during class. He discovered a pattern, and with the help of a grant from the Saddleback College Foundation, Professor Perez hired one of his best students to prepare notes for all of his classes and made them available on his “Algebra 2 Go” website. Professor Perez then created a virtual classroom by producing and acting in videos where he plays both professor and student. These informative and funny videos, which are available on the Saddleback College website and YouTube, have increased student success in all types of math.

Environmental Studies
Saddleback College’s environmental studies program offers students the ability to earn an associate’s degree or a certificate. Students in the degree program study the human impact on the environment and possible solutions, while students pursuing a certificate focus on the ecological restoration of degraded habitats. Much of the program is held in Saddleback College’s California Native Garden – a sustainable outdoor classroom maintained by student volunteers who use no synthetic fertilizers or pesticides. Three new classes will be introduced in the fall semester of 2009, including environmental law and policy, environmental ethics, and green living.

“Each year, new and innovative education and training programs are offered at Saddleback College to help our students stay ahead in the job market. From environmental studies to rapid prototyping technology, our record of keeping ahead of changes in the workplace will enable our students to compete in a global economy focused on innovation and sustainability.”

–Dr. Tod A. Burnett, President
For more than two decades, Irvine Valley College has been serving students and residents of the community who are looking to obtain a degree or certificate, enhance their career qualifications, or improve basic skills. IVC’s transfer rate is #1 in Orange County and #3 among all California Community Colleges.* IVC is proud to boast about our students who successfully transfer to the California State University and University of California systems, as well as a host of other prestigious campuses across the nation. IVC has transfer admission guarantees with UC Davis, UC Irvine, UC Los Angeles, UC Riverside, UC San Diego, UC Santa Barbara, and UC Santa Cruz.

The college recently celebrated an exciting milestone with the debut of the beautiful $34 million Performing Arts Center. IVC hosts concerts, dance, theatre, art exhibits, and events year round. This year, the $19 million, 53,000 square foot, two story Business Sciences Technology and Innovation Center will open featuring state of the art classrooms and labs.

IVC has many clubs, including an award-winning Speech and Debate Team and Model United Nations; honors organizations such as Theta Kappa and Psi Beta; outstanding men’s and women’s athletic teams including state and national champions — most recently, the 2007 and 2008 Men’s Volleyball State Champions (California Community Colleges Commission on Athletics).

Whatever our students want to achieve, the outstanding faculty, staff and administration of Irvine Valley College are dedicated to helping them get there.

—Dr. Glenn R. Roquemore
President

Business Sciences Technology and Innovation Center (BSTIC)
The new $19 million, 53,000 square-foot facility will raise IVC’s profile with students and the business community. Equipped with executive conference rooms, a multi media auditorium, and space for small group meetings, BSTIC will serve as a resource to the whole community. Students and instructors will benefit from state of the art instructional delivery options for classes in computer information systems and technologies, accounting, real estate, business management, and marketing. The BSTIC also has a Media Resource Center with a legal library and current business publications, faculty and administrative offices, an Information Technology hub for the entire campus, and 300 computer workstations.

Early College Partnership
In its second year, the Early College Partnership program has expanded to include Beckman High and Tustin High schools. Each year, cohorts of 9th and 10th grade students study four high school courses and two IVC courses per semester, receiving dual credit for high school and college for approved courses. The college courses are transferable to UC and CSU. By high school graduation the students who complete the program are eligible to enter four year institutions as juniors. Courses in humanities, fine arts, speech and world history were added to the highly successful program this year.

Certificate Program: Dance Technique
IVC’s dance department has a new certificate program in Dance Technique. The program trains students in a variety of dance techniques and styles, and prepares them to audition at any of the numerous performance-based entertainment venues in the region or pursue further study in choreography, dance instruction, or professional dance. IVC is partnering with potential employers to ensure that the college is preparing students for requirements of the dance field and collaborating with CSU, UC and other institutions to assure successful transfer to these higher education institutions.

Career Technical Education Teacher Preparation (CTE)
IVC was awarded a $225,000 Teacher Preparation Pipeline grant by the State Chancellor’s Office to address the anticipated shortage of CTE teachers in secondary and post-secondary education in the coming decade. This will allow IVC students to serve as teaching assistants in CTE classrooms while learning appropriate practices and effective methods in preparing lesson plans and delivering instruction.

Electronic Technology Certificate Prepares Women for Technology Jobs
Irvine Valley College was one of eight California community colleges selected to receive funding for the CalWomenTech Project through a National Science Foundation grant that will provide free, intensive training and assistance to IVC’s Electronic Technology program for the next three years. The program will increase the number of women enrolled and retained in Science, Technology, Engineering and Math (STEM) education. A degree or certificate in Electronic Technology from IVC prepares students for technology jobs in the computer, software, biomedical, telecommunications, automotive, aerospace, and consumer electronics industries.
In August 2007, the South Orange County Community College District opened its third campus, the Advanced Technology & Education Park (ATEP) in Tustin with 400 students and 31 classes from Saddleback College, Irvine Valley College and the Center for Applied Competitive Technologies (CACT). One year later, ATEP has doubled its enrollment to 850 students and 70 course offerings, and long range planning has been completed for a major expansion on 68 acres in Tustin Legacy, the award-winning redevelopment project on the former Marine Corps Air Station-Tustin.

Part high-tech career development, part general education, ATEP’s initial programs include Design Model Making & Prototyping, competitive technologies including Optics and Photonics, and an Entrepreneurship Institute. General education courses are also offered through Saddleback College and Irvine Valley College to prepare students in a wide variety of arts, sciences and technology fields.

Six academic areas are detailed in the long range academic plan for ATEP, as critically needed in the region and that are exceeding their capacity at Saddleback College and Irvine Valley College: Entertainment Arts & Technology, Nursing, Biotechnology, Design Model Making & Rapid Prototyping, Optics and Photonics, and a Workforce Development Center.

In partnership with private industry and four-year colleges and universities, ATEP will be unlike any community college campus in California, poised to meet the challenges of a globally competitive society and the critical needs of students to gain practical experience as part of their educational preparation.

—Dr. Randy W. Peebles, Provost

Entrepreneurship Institute
Orange County is a hub for innovation and intellectual property. Through the new Entrepreneurial Institute located at ATEP, participants are learning practical business entrepreneurship skills. The Institute provides training in: preparing the critical business plan, securing financing, and managing money, taxes and assets. In addition, important legal issues such as employment law and protecting trade secrets, patents, copyrights, and trademarks are covered. These accelerated four and eight week classes are designed to empower students with the tools they need to become a successful entrepreneur.

Design Model Making & Prototyping
Students in the Design Model Making & Prototyping program utilize our leading edge technology lab to gain hands on training in basic and advanced model making, 3D computer design, 3D rapid model making and prototyping and rapid visualization to prepare them for jobs in product/industrial design, automotive design, architecture, landscaping, jewelry design, entertainment, medical device manufacturing and more. Computer design, hands on modeling and art skills are integrated to train students for careers that are in high demand locally and have application across dozens of industries. Many students in the program create their own inventions.

Center for Applied Competitive Technologies (CACT)
CACT® ATEP (www.irvinecact.com) is one of 12 state-funded centers in California dedicated to training students and employees for high tech and manufacturing careers. With a vibrant concentration of local optics, laser and photonics companies, CACT partners with businesses to provide state of the art equipment to ATEP’s technology lab to train their future employees. Students train for careers that are in high demand in southern California, including defense, optics, lasers, photonics, medical manufacturing, astronomy, biomedical, and entertainment. A National Science Foundation Center of Excellence, CACT®ATEP is expanding rapidly to include course offerings in renewable energy, holography, and practical applications for other high tech industries.

General Career Development
While ATEP provides training and education for many high tech careers, the campus also offers a wide array of general education courses that play an integral role in preparing students to retool in a challenging economy, improve basic skills or transfer to a four year college or university. Languages, math, business, computer skills, drafting, graphic design, health sciences, theatre arts and a basic skills institute are just some of the courses that help prepare students for that next step.
DISTRICT AT A GLANCE

GENERAL FUND REVENUES

- Local: $172,489,680 (78%)
- State: $21,027,328 (10%)
- Beginning Fund Balance: $25,301,766 (11%)
- Total: $220,426,903

GENERAL FUND EXPENDITURES

- Security & Parking: $5,609,527
- Maintenance, Operations, Utilities: $14,140,275
- Student Support: $19,335,016
- Administration & Institutional Support: $20,449,214
- Total: $187,603,274

Faculty

- Full-time Faculty: 350
- Doctoral Degrees: (101)
- Part-time Faculty: 917
- Total Employees: 2,533

Employees

- Administration: 31
- Classified Management: 65
- Classified Support Staff: 1,170
- (Full- and Part-time)

Semester Enrollment

- Saddleback College: 26,038
- Irvine Valley College: 14,585
- ATEP*: 725
- Total: 40,623

*ATEP headcount is included in college enrollment.

STUDENT PROFILE

SADDLEBACK COLLEGE

- Male: 40%
- Female: 59%
- Unknown: 1%
- Age: 18-21: 35%
- Over 50: 28%
- Other: 1%

IRVINE VALLEY COLLEGE

- Male: 40%
- Female: 58%
- Unknown: 2%
- Age: 18-21: 30%
- Over 50: 25%
- Other: 1%

Gender

Age

Ethnicity

Student Status

Enrollment Pattern
AFFORDABLE LAUNCH FOR HIGH SCHOOL STUDENTS

A college’s high school graduate “take” rate is based on the percentage of high school students enrolling in the year immediately following their high school graduation. Saddleback College has enrolled an average of 40% of Capistrano Unified’s and 31% of Saddleback Valley Unified’s graduating classes. Irvine Valley College enrolled an average of 14% of Irvine Unified’s and 8% of Tustin Unified's graduating classes. Our colleges provide a flexible, affordable and convenient opportunity for higher education and workforce training to high school graduates throughout south Orange County.

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<th>Local High School Graduates “Take” Rate</th>
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<tr>
<td>Capistrano Unified Graduating Class</td>
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<td>Graduates 03-04</td>
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<td>Graduates 04-05</td>
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<td>Graduates 05-06</td>
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| Saddleback Valley Unified Graduating Class | Enrolled at Saddleback the Following Academic Year | “Take” Rate |
| Graduates 03-04              | 2,211 | 652 | 29.5% |
| Graduates 04-05              | 2,007 | 745 | 35.9% |
| Graduates 05-06              | 2,339 | 675 | 28.9% |

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<tr>
<th>Local High School Graduates “Take” Rate</th>
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<tr>
<td>Irvine Unified Graduating Class</td>
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<td>Graduates 04-05</td>
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<tr>
<td>Graduates 05-06</td>
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| Tustin Unified Graduating Class | Enrolled at IVC the Following Academic Year | “Take” Rate |
| Graduates 03-04 | 849 | 66 | 7.8% |
| Graduates 04-05 | 936 | 82 | 8.8% |
| Graduates 05-06 | 1,079 | 81 | 7.5% |

More information about student learning and institutional performance is available in the Saddleback College and Irvine Valley College Institutional Effectiveness Annual Reports on the district website. www.socccd.edu

EXPONENTIAL ONLINE GROWTH

The number of students taking courses online continues to grow dramatically. Learning online allows students more freedom than the traditional classroom. Online courses are less disruptive to work schedules, save on gas, reduce traffic congestion and help the environment by reducing pollution and greenhouse gas emissions.

In the charts below, the bars illustrate the student headcount for each academic year and the lines display the growth in online classes’ percentage of total instruction. Thirteen percent of Saddleback’s instruction and 11 percent of IVC’s instruction is now online.