

IRVINE VALLEY COLLEGE

CATALOG 2008/2009

Vol. XX



5500 Irvine Center Drive, Irvine, CA 92618 • (949) 451-5100 • www.ivc.edu

Irvine Valley College prohibits discrimination on the basis of gender, race, age, color, religion, national origin, ethnicity, disability, sexual orientation, or any legally protected characteristic, in the administration of its educational policies, personnel practices, and college programs. Grievance procedures exist for students, employees, and job applicants. Information regarding formal complaints is on file in the offices of the Chancellor and the Deputy Chancellor and in the offices of the College President and Vice President of Instruction. The Office of Student Services maintains grievance procedure information for students. Any questions concerning discrimination may be directed to the Irvine Valley College Vice President of Student Services and Title IX Coordinator at (949) 451-5214, Irvine Valley College, 5500 Irvine Center Drive, Irvine, CA 92618.

Questions or problems regarding access of students with disabilities to any college program or service should be directed to the Irvine Valley College Vice President of Student Services and Section 504 ADA Coordinator at (949) 451-5214, Irvine Valley College, 5500 Irvine Center Drive, Irvine, CA 92618.

Irvine Valley College has made every reasonable effort to ensure that the information published in this catalog accurately reflects current legislation, information, policies, and fees. However, these are subject to modification at any time, without notice, in order to accommodate changes in the resources or educational plans of the district, or for reasons deemed appropriate by the college president or designee.

Irvine Valley College is accredited by the Accrediting Commission for Community and Junior Colleges of the Western Association of Schools and Colleges, 10 Commercial Boulevard, Suite 204, Novato, CA 94949, (415) 506-0234, an institutional accrediting body recognized by the Council for Higher Education Accreditation and the U.S. Department of Education.

ACADEMIC CALENDAR

FALL SEMESTER 2008

August 25 (Monday)	Instruction begins for full-semester classes and first eight-week session.*
August 25–October 19 (Monday–Sunday)	Eight-week session
September 1 (Monday)	Labor Day—Classes not in session
October 20–December 14 (Monday–Sunday)	Eight-week session
November 11 (Tuesday)	Veterans Day—Classes not in session
November 21 (Friday)	Last date to apply for Fall 2008 degrees, certificates, and CSU and IGETC certifications.
November 27–30 (Thursday–Sunday)	Thanksgiving—Classes not in session
December 15–21 (Monday–Sunday)	Final Examinations
December 24–31 (Wednesday–Wednesday)	College and District closed

SPRING SEMESTER 2009

January 1–4 (Thursday–Sunday)	New Year's Holiday, College and District closed
January 12 (Monday)	Instruction begins for full-semester classes and first eight-week session.*
January 12–March 22 (Monday–Sunday)	Eight-week session
January 19 (Monday)	Martin Luther King, Jr. Day—Classes not in session
February 13–16 (Friday–Monday)	Lincoln Day, Washington Day—Classes not in session
March 15–21 (Sunday–Saturday)	Spring Break—Classes not in session
March 23–May 13 (Monday–Wednesday)	Eight-week session
March 30 (Monday)	Last date to apply for Spring 2009 degrees, certificates, and CSU and IGETC certifications. Students planning to participate in the commencement ceremony must file their applications for degrees or certificates by this date.
May 15–21 (Friday–Thursday)	Final Examinations
May 22 (Friday)	Commencement

SUMMER SESSION 2009

May 25 (Monday)	Memorial Day—Classes not in session
May 26–July 2 (Tuesday–Thursday)	First six-week summer session
May 26–July 17 (Tuesday–Friday)	First eight-week summer session
May 26–August 14 (Tuesday–Friday)	Twelve-week summer session
June 22–August 14 (Monday–Friday)	Second eight-week summer session
July 3 (Friday)	Fourth of July—Classes not in session
July 6–August 14 (Monday–Friday)	Second six-week summer session
July 17 (Friday)	Last date to apply for Summer 2009 degrees, certificates, and CSU and IGETC certifications.

* There are many late-starting classes. Consult the class schedule for start and end dates of shorter sessions each semester.

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SOUTH ORANGE COUNTY COMMUNITY COLLEGE DISTRICT

28000 Marguerite Parkway, Mission Viejo, CA 92692 • (949) 582-4999 • www.socccd.edu

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.

District Goals 2008-2009:

1. Promote and support enrollment management, emphasizing online degrees and certificates; new academic and career technical education programs; workforce development; and innovative instructional delivery modes.
2. Engage in systematic and integrated strategic planning and budgeting within the framework of regulatory compliance and board approved basic aid guidelines.
3. Follow the Educational and Facilities Master Plan and address preventative maintenance and timely rehabilitation when making resource allocation decisions.
4. Develop the Advanced Technology & Education Park (ATEP) through educational and business partnerships with multiple sources of funding.
5. Provide a safe and secure environment supportive of student learning.
6. Promote and strengthen institutional integrity, effectiveness, and accountability consistent with accreditation standards.
7. Communicate the value of our services to stakeholders through increased community involvement and outreach.
8. Promote an environment to foster innovation and an entrepreneurial approach to resource and economic development.
9. Recruit a diverse workforce of highly qualified employees and provide them with professional development and other opportunities to succeed.
10. Ensure that students, faculty, and staff are informed of and have access to online and in person services, programs, available resources and policies.
11. Promote a positive district-wide image through respectful interactions among faculty, staff, students, administrators, trustees and the community.
12. Support legislative efforts to sustain funding for community colleges, increase accessibility for stud nets, and provide regulatory relief.
13. Support the retention and success of all students, especially those with basic skills needs.
14. Work positively and collegially to resolve accreditation recommendations.



Raghu P. Mathur, Ed.D.
Chancellor

BOARD OF TRUSTEES



Donald P. Wagner
President



John S. Williams
Vice President



Thomas A. Fuentes
Clerk



William O. Jay



David B. Lang



Marcia Milchiker



Nancy M. Padberg



Hannah H. E. Lee
Student Trustee

DISTRICT ADMINISTRATION

Raghu P. Mathur, Ed.D.
Chancellor

Gary Poertner
Deputy Chancellor

Tracy Daly
Director, Public Affairs
and Intergovernmental Relations

Brandye D'Lena
Director, Facilities Planning and Purchasing

Denice Inciong
Director, Research and Planning

Teddi Lorch
Director, Human Resources

Beth Mueller
Director, Fiscal Services

IRVINE VALLEY COLLEGE PRESIDENT'S MESSAGE



Since its founding in 1985, Irvine Valley College (IVC) has built its reputation on academic excellence. As a student, you will find this catalog an indispensable tool, one that you will need to develop your educational plan. It identifies the resources, student support services, rules and regulations, as well as the process for registering for your classes. The curriculum information includes not only the course description but also pre- and co-requisites and other expectations associated with your classes. Reading the catalog carefully, you will discover student services that will help you make the right choices toward reaching your educational goals. For assistance in creating a personalized degree plan, contact the Counseling Center in the Student Services Center. Counseling faculty and staff are waiting to help you.

For more than two decades, the IVC faculty and staff have encouraged students to realize their full potential. Today, the college serves more than 13,000 students from the surrounding communities and 50 foreign countries. Whether you are pursuing a degree or certificate, or seeking lifelong learning opportunities, you will be impressed by the quality of instruction and the dedication of the support staff. IVC's transfer rate is #1 in Orange County and #3 among all California Community Colleges. We are proud to boast about our students' successful transfers to the California State University (CSU) and University of California (UC) system, as well as a host of other prestigious campuses across the nation. I invite you to learn more about transfer rates at www.ivc.edu/transfer.

On behalf of the faculty, staff, and administration, I welcome you to Irvine Valley College.

Glenn R. Roquemore, Ph.D.
President, Irvine Valley College

IRVINE VALLEY COLLEGE

5500 Irvine Center Drive, Irvine, CA 92618 • (949) 451-5100 • www.ivc.edu

BACKGROUND

Irvine Valley College and its sister college, Saddleback College in Mission Viejo, comprise the South Orange County Community College District. Opened in 1979 as Saddleback College North Campus, Irvine Valley College received its current name and independent status in July 1985. In July 1988, the college received its first accreditation as a separate institution by the Western Association of Schools and Colleges; and since then, it has continued to be accredited.

The college offers a full complement of programs, from the most traditional liberal arts and sciences to the advanced technologies. It has established a reputation for excellence within the community and among the student population.

The success of the college's many programs has been reflected in its continued enrollment growth. At present, over 13,000 students participate in the college's day and evening programs. All instructional programs at the college are housed within 10 academic schools. Full-time instructional deans work with the vice president of instruction and the president in overseeing the instructional activities of the college.

GOVERNANCE AND FUNDING

Irvine Valley College is a public community college funded by a combination of state and local tax dollars. Through its foundation, the college also actively solicits private donations from individuals and corporations to support its capital outlay projects and program needs. The seven-member Board of Trustees of the South Orange County Community College District, through the Office of the Chancellor, governs Saddleback

College in Mission Viejo, Irvine Valley College, and the Advanced Technology & Education Park (ATEP) in Tustin. Board members are elected at large from representative areas of the district. Irvine Valley College is under the direction and guidance of its president who, with the faculty and staff, administers the college and oversees the implementation of Board policies.

COLLEGE VISION

Irvine Valley College is an institution of higher learning that seeks to deliver innovative instruction and student services programs, provide opportunities for student success and enter into dynamic community partnerships. The college maintains high educational standards as measured by student learning outcomes including skills and knowledge gained.

COLLEGE MISSION

Irvine Valley College is an accredited, comprehensive institution of higher education, dedicated to excellence and committed to meeting the current and future learning needs of the diverse communities it serves. As an educational institution within the South Orange County Community District, the college provides a broad range of programs and courses. Student learning outcomes and student success are the measure of quality for all offerings.

The college serves students seeking to transfer, enhance career skills, obtain a degree or certificate, or improve basic skills. The college also provides student support services, community education, opportunities for lifelong learning, cultural experiences, and activities promoting economic development and partnerships with the community. The central purpose of these programs and services is the education of students to think critically and act responsibly within the global community.

population and workforce, the college delivers its curriculum in a variety of traditional and distance learning methods. In this era of rapid change, the college commits itself to being at the forefront of instructional and administrative technologies while providing exemplary services to ensure student success.

COLLEGE-WIDE GOALS 2008-2009

1. To meet the current and future learning needs of our diverse community.
2. To foster a college environment that is dedicated to attracting and supporting excellent faculty, staff, and students.
3. To develop and implement curricula that enable students to transfer, obtain degrees and certificates, improve basic skills, and pursue lifelong learning.
4. To provide cultural experiences and activities that promote economic development and partnerships with the community.
5. To focus our college processes on the central purpose of providing programs and services which educate students to think critically, prepare for career choices and academic pursuits, and act responsibly within a global community.
6. To expand and sustain instructional and administrative technologies while providing exemplary services to ensure student success.
7. To increase awareness of IVC as an institution of higher education that is dedicated to student success and access.
8. To ensure institutional effectiveness through systematic assessment, intentional dialogue, and continuous improvement.
9. To leverage resources to implement the initiatives identified in the college's strategic plan.

INSTITUTIONAL STUDENT EDUCATIONAL GOALS AND LEARNING OUTCOMES

INSTITUTIONAL EDUCATIONAL GOALS

STUDENT LEARNING OUTCOMES

Because individual IVC courses contribute to one or more areas of the five institutional goals, students completing programs at Irvine Valley College will be able to:

Communication Skills

- Communicate effectively when speaking, writing, and presenting to a variety of audiences and with a variety of purposes.

Critical Thinking, Problem Solving, and Information Access and Analysis

- Engage in critical and creative thinking to solve problems, explore alternatives, and make decisions.
- Develop comprehensive, rational arguments for ethical positions and describe the implications for the individual and the larger society.
- Apply mathematical approaches and computational techniques to solve problems, to manipulate and interpret data, and to disseminate the data, methodology, analysis, and results.
- Apply the fundamentals of scientific inquiry to real-life and hypothetical situations.
- Use a variety of media, including computer resources, to access, organize, evaluate, synthesize, cite, and communicate that information.

Global Awareness

- Demonstrate and observe sensitive and respectful treatment of diverse groups and perspectives.
- Demonstrate an awareness of historical and contemporary global issues and events.

Aesthetic Awareness

- Make use of a variety of critical methods to analyze, interpret, and evaluate works of literary, visual, and performing art.
- Identify and recognize opportunities to participate in the creative arts as an artist, performer or observer.
- Recognize the historic and cultural role of the creative arts in forming human experience.

Personal, Professional and Civic Responsibilities

- Identify and recognize opportunities to address civic and environmental needs.
- Promote physical and mental well-being, self-management, maturity, and ethical decision-making.



COLLEGE ADMINISTRATION

Office of the President: Glenn R. Roquemore, Ph.D., President

Room A 101 (949) 451-5210

Director, Foundation: Al Tello

Room A 103 (949) 451-5290

Director, Public Information and Marketing: Diane Oaks

Room LIB 205 (949) 451-5277

Research and Planning Analyst: Sibylle Georgianna, Ph.D.

Room A 115 (949) 451-5766

Director, Facilities: John Edwards

Room M 100 (949) 451-5255

Manager, Facilities, Maintenance and Operations: vacant

Room M 100 (949) 451-5379

Director, College Fiscal Services: Davit Khachatryan

Room SC 270 (949) 451-5326

Bursar: Diana Walker

Room SC 160 (949) 451-5245

Director, Safety and Security: Will Glen

Room CP 100 (949) 451-5200

Office of Student Services: Gwendolyn Plano, Ed.D., Vice President of Student Services

Room A 119 (949) 451-5214

Dean, Counseling Services: Elizabeth L. Cipres, Ed.D.

Room SC 210 I (949) 451-5410

Director, Admissions, Records and Enrollment Services: Arleen Elseroad

Room SC 110A (949) 451-5409

Registrar: Ruben Guzman

Room SC 110B (949) 451-5461

Director, Child Development Center: Becky Thomas

Room CDC 114 (949) 451-5484

Director, Financial Aid: Darryl Cox

Room SC 120E (949) 451-5287

Director, Outreach and Community Relations: Donna Sneed

Room SC 220D (949) 451-5217

Director, Health and Wellness Center: Chris Hogstedt

Room SC 150 (949) 451-5221

Director, Student Development: Helen Locke

Room SC 260B (949) 451-5507

Assistant Director, Supportive Services: Fawn Tanriverdi

Room SC 130 (949) 451-5243

Director, Transfer Center: Caryn Sussman

Room SC 230F (949) 451-5339

Articulation Officer: Kate Clark

Room SC 210D (949) 451-5322

Office of Instruction: Craig Justice, Ph.D., Vice President of Instruction

Room A 107 (949) 451-5212

Dean, Fine Arts, Business Sciences and College Online Education: Karima Feldhus, Ph.D.

Room B 276/BST 203C (949) 451-5310

Dean, Health Sciences, Physical Education and Athletics: Keith Shackelford, J.D.

Room PE 226 (949) 451-5398

Acting Dean, Humanities and Languages, Social Sciences and Library Services: Daniel E. Rivas, Ph.D.

Room A 204A (949) 451-5232

Dean, Mathematics, Sciences and Engineering: Kathleen Schrader, D.N.Sc.

Room B 272 (949) 451-5450

Dean, Career Technical Education and Workforce Development: vacant

Room A 120 (949) 451-5650

Director, Extended Education: David E. Anderson, Jr.

Room A 121 (949) 451-5226

Director, Technology Services: Tran Hong

Room LIB 109 (949) 451-5254

Director, Production Management (Performing Arts Center): Karl Stenske

Room PAC 110 (949) 451-5455

ACADEMIC SCHOOLS AND INSTRUCTIONAL OFFICES

Office of Career Technical Education and Workforce Development

(949) 451-5650

Career Program Support, Grants, Tech Prep, VTEA (Vocational and Technical Education Act) Program

Office Location: A 120 • Dean, vacant

Office of Extended Education

(949) 451-5382

Community Education, Corporate Training, Emeritus Institute, IVC Testing Center

Office Location: A 121 • David E. Anderson, Jr., Director

School of Business Sciences

(949) 451-5310

Accounting, Business Management, Computer Center, Computer Information Management, Real Estate

Office Location: B 276/BST 203C • Dean, Karima Feldhus, Ph.D.

Academic Chair: Bob Urell 451-5280

School of Fine Arts

(949) 451-5453

Art, Art History, Digital Media Art–Graphic Design, Fine Arts, Music, Photography, Speech and Forensics, Theatre Arts

Office Location: B 276/BST 203C • Dean, Karima Feldhus, Ph.D.

Academic Chair, Visual Arts: Lisa Davis Allen, Ph.D. 451-5207

Academic Chair, Theatre: Ron Ellison 451-5303

Academic Chair, Music: Stephen Rochford, D.M.A. 451-5366

Academic Chair, Speech: Edwin Tiongson 451-5346

School of Guidance and Counseling

(949) 451-5458

Articulation, CalWORKs, Career and Transfer Center, College Studies, Counseling, Disabled Student Program and Services, EOPS/CARE, Learning Disabilities Program, Women’s Studies

Office Location: SC 210 • Elizabeth L. Cipres, Ed.D., Dean

Academic Chair: vacant 451-5458

(Continues)

School of Health Sciences, Physical Education and Athletics

(949) 451-5398

Dance, Health, Intercollegiate Athletics, Life Fitness Center, Nutrition, Physical Education, Strength Training Center

Office Location: PE 225 • Keith Shackelford, J.D., Dean

Academic Chair, Health, Physical Education: Tom Pestolesi 451-5629

Academic Chair, Athletics: Martin McGrogan 451-5654

School of Humanities and Languages

(949) 451-5232

Chinese, English, English as a Second Language, Film Studies, French, History, Humanities, Humanities Center, Japanese, Philosophy, Religious Studies, Sign Language, Spanish

Office Location: A 204A • Daniel E. Rivas, Ph.D., Acting Dean

Academic Chair, Languages: Susan Fesler 451-5486

Academic Co-Chairs, English: Lewis Long and Brenda Borron 451-5298

Academic Chair, Humanities: Francisco Marmolejo 451-5208

School of Library Services

(949) 451-5717

Library Research, Tutoring

Office Location: A 204A • Daniel Rivas, Ph.D., Acting Dean

Academic Chair: Jayne Sinegal 451-5377

School of Life Sciences and Technologies

(949) 451-5238

Biology, Environmental Studies, Health Sciences

Office Location: B 262E • Kathleen Schrader, D.N.Sc., Dean

Academic Chair: Priscilla Ross 451-5424

School of Mathematics, Computer Science and Engineering

(949) 451-5450

Computer Science, Design Model Making and Rapid Prototyping, Drafting, Engineering, Mathematics

Office Location: B 273 • Kathleen Schrader, D.N.Sc., Dean

Academic Chair: Dorothy Sherling, Ph.D. 451-5433

School of Physical Sciences and Technologies

(949) 451-5561

Astronomy, Chemistry, Earth Science, Electronic Technology, Geology, Marine Science, Physics

Office Location: B 262E • Kathleen Schrader, D.N.Sc., Dean

Academic Chair, Astronomy, Earth Science, Electronic Technology, Geology, Marine Science, Physics:

Amy Stinson 451-5622

Academic Chair, Chemistry: Walter Floser 451-5281

School of Social and Behavioral Sciences

(949) 451-5679

Administration of Justice, Anthropology, Early Childhood Education, Economics, Geography, Political Science, Psychology, Sociology

Office Location: A 204A • Daniel E. Rivas, Ph.D., Acting Dean

Academic Chair, Administration of Justice, Anthropology, Economics, Geography, Political Science:

Colin McCaughey 451-5402

Academic Chair, Early Childhood Education, Psychology, Sociology: Kari Tucker, Ph.D. 451-5447

ACADEMIC SCHOOLS

BUSINESS SCIENCES

Rm. B 276/BST 203C
(949) 451-5310

Dean: Karima Feldhus, Ph.D.
Senior Administrative Assistant:
Katie Felli
Academic Chair: Bob Urell

Courses and/or majors in the following areas:

Accounting
Business Management
*General Business, Marketing
and Sales, Retail Management,
Small Business Management,
International Management*
Computer Information Management
*Keyboarding, Operating Systems,
Hardware, PC Applications,
Word Processing, Spreadsheets,
Database, Graphics Applications,
Digital Media, Digital Publishing,
Web Applications, Networking*
Real Estate

The School of Business Sciences seeks both to provide leadership in the local business community and to offer transfer, occupational, and lifelong learning courses to all area residents. Based on this general mission, the goals of the school are as follows:

1. To provide students with marketable skills and knowledge so they may qualify for positions in business occupations;
2. To provide a general background in the business sciences that will enable the student to function effectively as an individual within a business or occupational context;
3. To prepare lower division students who seek baccalaureate and higher degrees in the business sciences and other related academic areas;
4. To provide leadership in the business community and to the secondary institutions served by the college;
5. To provide educational opportunities for the general community with both free and fee-based business classes, seminars, and programs.
6. To serve currently employed students by providing the training necessary for job promotion.

The School of Business Sciences offers programs in accounting, business management, computer information management and real estate. In conjunction with faculty from the other academic schools, business instructors also participate in IVC's Corporate Training program, offering courses to employees in their workplace.

FINE ARTS

Rm. B 276/BST 203C
(949) 451-5453

Fine Arts Hotline: 451-5488

Dean: Karima Feldhus, Ph.D.
Senior Administrative Assistant:
Carol Danna
Academic Chairs
Music: Stephen Rochford, D.M.A.
Speech: Edwin Tiongson
Theatre: Ron Ellison
Visual Arts: Lisa Davis Allen, Ph.D.

Courses and/or majors in the following areas:

Art
Design, Painting, Drawing
Art History
*Introductions to Art Theory and Art
Media, Gallery Design, Historical
Surveys, Western Canon Pre-
Modern and Modern, Non-Western*
Digital Media Art-Graphic Design
Fine Arts
Music
*Composition and Theory, Music
Appreciation and History, Choral
Performance Groups, Instrumental
Performance Groups, Applied
Music, Music Lessons, Commer-
cial/Studio Music*
Photography
Speech and Forensics
Theatre Arts
*Theatre Appreciation and History,
Acting, Directing, Rehearsal and
Performance, Oral Interpretation,
Design*

Curriculum in the school consists of courses and programs in the fine and performing arts, including art, digital graphic design, photography, music, speech, and theatre.



Curriculum in the music program treats music as an active art. The faculty attempts to provide every possible means of involvement for students at the college, including music basics, music appreciation, piano classes, guitar classes, performing ensembles, and voice classes. In each of these activities, the faculty stresses basic concepts of music history and musicianship. The main objective of the program is to assist students in their enjoyment of music and to give them the means of participating in the expressive outlet music provides. The program philosophy is that education and participation in the arts assist students in becoming more humane citizens of the world.

The Visual Arts Department adopts the philosophy that art is an essential part of the human experience. Whether creating works of art, or learning the perceptual and critical tools required in its understanding, every individual benefits from a heightened awareness of their world through art. The goals of the Visual Arts curriculum are to prepare students for transfer to a college or university as well as to enhance the student's visual perception of their physical and social environment. The department offers courses ranging from art theory to all

aspects of two- and three-dimensional design, imaging and fabrication. Although coursework is rooted in traditional media, classes in experimental media and digital imaging are offered each semester. Discipline areas within the department include design, drawing, painting, photography, digital media arts and theory. Art history curriculum examines the historical and contemporary artistic traditions of Europe, Asia, Africa and the Americas. The College Art Gallery is also operated by the department in order to exhibit both student and faculty work. In addition, the gallery exhibits the work of professional artists to complement the college's mission of serving the greater Irvine community as an important cultural center.

The speech program offers general education classes in public speaking, argumentation, and interpersonal and intercultural communication. These courses are designed to meet lower division requirements for the associate degree at IVC as well as the bachelor's degree at the California State University system. The faculty of the Speech Department are also responsible for the forensics program, which provides exceptional opportunities for student speakers through regional, state, and national competitions.

The theatre department offers an exciting, vigorous education in acting, acting for film, and technical theatre. Faculty in the program include working professionals dedicated to both the theatre and their students. The department offers a comprehensive course of study which will enable students to transfer into a four-year college theatre arts training program. The department stages its theatrical productions in the new Irvine Valley College Performing Arts Center.

GUIDANCE AND COUNSELING

Rm. SC 210 • (949) 451-5458

Dean: Elizabeth L. Cipres, Ed.D.

Senior Administrative Assistant:
Linda Renné

Senior Counseling Office Assistant:
Mina Nawabi

Academic Chair: vacant

Supportive Services

Assistant Director: Fawn Tanriverdi

Administrative Assistant:

Heather Whitecotton, (949) 451-5243

Courses and/or majors in the following areas:

College Studies

Women's Studies

Services and programs offered by the school are designed to help students deal with a variety of educational, career and personal concerns. The academic counselors help students develop their educational plans and assist students in identifying their career objectives. The curriculum consists of courses in academic planning, college success, career exploration, and personal development. These offerings reflect the faculty's belief in the potential of each individual for personal growth and success.

Counseling faculty function as information specialists and facilitators of personal growth. They assist students in their efforts to define the relevant issues and tasks, to evaluate options and solutions, and to decide on an appropriate response or plan of action. For students facing particular difficulties by virtue of disabilities, handicaps or other disadvantages, there are a variety of special services available through the Supportive Services office.



HEALTH SCIENCES, PHYSICAL EDUCATION AND ATHLETICS

Rm. PE 225 • (949) 451-5398

Dean: Keith Shackelford, J.D.

Senior Administrative Assistant:
Corine Reymond

Academic Chairs

Athletics: Martin McGrogan

Health, PE: Tom Pestolesi

Dance Coordinator: Ted Weatherford

Athletic Trainers: Devin Adams,
Janet Olsen

Sports Information Director:
Brent Shaver

Equipment Manager:
Andrew Alhadeff

Courses and/or majors in the following areas:

Dance

Health and Nutrition

Intercollegiate Athletics

Physical Education

Physical Fitness and Body

Movement, Combative Skills,

Sports, Training and Theory (Fitness

Specialist Certificate Program),

Adapted PE

Programs in health sciences, physical education and athletics focus on the theoretical and practical aspects of human health and well-being. Courses in contemporary health issues, first aid, conditioning, and a variety of physical activities form the nucleus of a diverse assortment of courses united in a common emphasis on health.

The school is committed to providing health-related fitness and competitive and noncompetitive sports opportunities for all students.

The school offers two degree paths in physical education, as well as a degree in dance. In physical education, options are available for those seeking transfer or job-related training in the areas of kinesiology, leisure studies or recreation. The dance degree is applicable both to a transfer path and for use in the local entertainment and media marketplace. A certificate program for those seeking training as a fitness specialist and a certificate in dance technique are available for students seeking job and performance-related skills in their respective fields.

Classes are offered in cardiovascular fitness, individual/paired sports, intramurals, intercollegiate athletics, aikido, yoga, tai chi, dance, team sports, combative skills, and physical training. The school also provides special services courses for physically challenged individuals seeking corrective and rehabilitative exercise. All activity classes are designed not only to provide for physiological development but also to educate students about the principles involved in that process and to introduce them to the related topics of nutrition, injury prevention, and health enhancement.

Under the guidance of the dean, the school runs the intercollegiate athletics program. Consistent with the high standards of the college, the program is committed to providing instruction that will enable student athletes to realize and develop their academic and athletic potential. Under the direction of dedicated coaches, student athletes have the opportunity to improve and refine their talents in men's basketball, baseball, soccer, volleyball, tennis, and golf; as well as women's basketball, soccer, volleyball, tennis, golf, and badminton.

The school administers two health and fitness-related facilities: the Life Fitness Center and the Strength Training Center. Additionally, the school maintains outdoor lighted tennis courts; baseball, softball and soccer fields, basketball courts; and sand volleyball courts.

The Hart Gymnasium—which includes a dance studio, a classroom, the Strength Training Center, and faculty offices—serves as home court for the Lasers basketball, badminton and volleyball teams.

HUMANITIES AND LANGUAGES

Rm. A 204A • (949) 451-5232

Acting Dean: Daniel E. Rivas, Ph.D.
Senior Administrative Assistant:

Claudia Horak
Academic Chairs
English: Brenda Borron and
Lewis Long
Humanities:
Francisco Marmolejo
Languages: Susan Fesler

Courses and/or majors in the following areas:

English
*Basic Writing, College Writing,
Writing Conference, Creative
Writing, Literature, Reading,
Special Services*
English as a Second Language
History
Humanities
Film Studies, Religious Studies
Languages
*Chinese, French, Japanese, Sign
Language, Spanish*
Philosophy

The School of Humanities and Languages offers instructional programs in English, ESL, foreign languages, history, literature, philosophy, and humanities.

The English curriculum includes courses in composition, literature, creative writing, and reading. Critical analysis and interpretation play a central role throughout all levels of the English curriculum: students are expected to write in response to what

they have read and to read perceptively, critically, and imaginatively. The English curriculum is designed for the transfer student; however, the program includes preparatory and developmental classes two semesters prior to college level.

In the foreign language and ESL programs, students are taught to learn by addressing ordinary and everyday experiences in a foreign language, rather than by memorizing grammatical rules. The faculty seeks to make students comfortable with the language they wish to acquire. At the present time, the school offers foreign language instruction in Chinese, French, Japanese, Sign Language, and Spanish.

A central endeavor of the faculty in the school is to offer courses that investigate the traditions, values, ideas, and texts by means of which cultures have come to be formulated. These humanities classes include courses in history, philosophy, and literature. Common to all of these courses is the effort to understand how and why a culture constructs its stories and symbols about itself and others. Students in humanities classes consider their own opinions and insights in light of those of others, and learn to formulate opinions on the basis of sound reasoning and careful reflection.

LIBRARY SERVICES

Rm. A 204A • (949) 451-5717

Acting Dean: Daniel E. Rivas, Ph.D.
Senior Administrative Assistant:

Rosie Navarro
Academic Chair: Jayne Sinegal

Courses in the following area:

Library Research
Tutoring

The faculty of the School of Library Services provides instruction in library research skills and using the services of an academic library.

LIFE SCIENCES AND TECHNOLOGIES

Rm. B 262E • (949) 451-5238

Dean: Kathleen Schrader, D.N.Sc.
Senior Administrative Assistant:
Lizabeth Nichols
Academic Chair: Priscilla Ross
Lab Technicians: Lewis Akers,
Hung Tran

Courses and/or majors in the following areas:

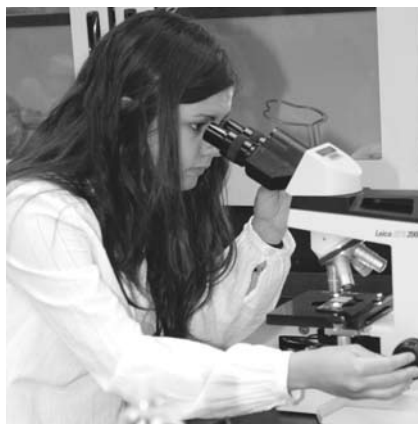
Biology

*Cell and Molecular Biology,
Botany, Ecology, Marine Biology,
Microbiology, Physiology, Zoology,
Anatomy, Human Sexuality,
Natural History*

Environmental Studies

The School of Life Sciences and Technologies offers programs and courses in biology, natural history, and environmental science. The courses within each program afford students the opportunity to master the information and develop the intellectual skills necessary for the analysis of scientific theories and concepts. In addition, each course attempts to integrate the essence of the IVC general education core (writing, critical thinking, mathematics and public speaking) into its content requirements. Instructional programs within these natural sciences include core courses for biology majors, introductory lecture and lecture/laboratory courses that fulfill general education requirements for transfer-bound students, a pre-nursing core sequence, and a field studies program which provides opportunities for practical application and personal experience in field biology.

The faculty of the school engages in a continual and comprehensive review of its curriculum. Programs and courses offered within the school are designed with the primary goal of maintaining currency, continuity and comprehensiveness. Ongoing articulation with transfer institutions is maintained in order to facilitate the timely transfer of students from Irvine



Valley College to neighboring institutions. Appropriate remedial courses are integrated throughout the disciplines in order to maximize student achievement and facilitate successful matriculation.

MATHEMATICS, COMPUTER SCIENCE AND ENGINEERING

Rm. B 273 • (949) 451-5450

Dean: Kathleen Schrader, D.N.Sc.
Senior Administrative Assistant:
Megan Newton
Academic Chair:
Dorothy Sherling, Ph.D.

Courses and/or majors in the following areas:

Computer Science

*Computer Languages, Business
Programming, Systems Analysis,
Database*

Design Model Making and Rapid

Prototyping

Drafting

*Drafting, Engineering, Engineering
Technology*

Mathematics

The School of Mathematics, Computer Science and Engineering offers courses and programs in mathematics, computer science, drafting technology, engineering, and various modern technologies such as model making and rapid prototyping. The school's curriculum emphasizes fundamental courses for students,

giving them a sound appreciation for the increasingly complex and rapidly changing technical environment in which we live.

Technical curriculum is developed and articulated on a continuous basis with input from neighboring colleges, universities, local industries and area specialists. The curriculum is designed to meet the needs of students who are planning to transfer to four-year institutions, students who are seeking employment in technical fields, and employed students who want to keep current with changing technologies.

The Mathematics Department at Irvine Valley College seeks to contribute to the fulfillment of the college's mission by helping students enrolled in mathematics courses achieve the following goals:

1. Develop proficiency in the use of mathematics needed to function in society.
2. Develop proficiency in the use of mathematics necessary for a given graduation degree or certificate of completion program.
3. Acquire mathematics preparation for further career achievement.
4. Acquire mathematics preparation for further academic study.

The math curriculum is designed to assist students to creatively integrate learned mathematical concepts into disciplines inside and outside the field of mathematics.

The faculty of the school is committed to excellence in the instruction of relevant theories and applications in a variety of laboratory and real-world situations. Lectures, discussions and laboratory activities are designed to promote critical thinking and problem solving, especially as these abilities may be applied to scientific and technical matters.

PHYSICAL SCIENCES AND TECHNOLOGIES

Rm. B 262E • (949) 451-5561

Dean: Kathleen Schrader, D.N.Sc.
Senior Administrative Assistant:
Lizabeth Nichols

Academic Chairs
Astronomy, Earth Science,
Electronic Technology, Geology,
Marine Science, Physics:
Amy Stinson
Chemistry: Walter Floser
Lab Technicians: Ryck Daniels,
Jamie Smith

Courses and/or majors in the following areas:

Chemistry
Electronic Technology
Geology
Earth Science, Field Geology,
Marine Science
Physical Science
Astronomy, Physics

The School of Physical Sciences and Technologies offers courses and programs in various branches of the physical sciences, including astronomy, chemistry, geology, oceanography, physics, and the modern technologies—including electronics.

Instructional programs include lower division courses for transfer students, introductory lecture/laboratory courses, a geology field program, and technology training courses. Curriculum throughout the school emphasizes the study of the universe from the perspective of empirical science. The goal is to provide students with an essential foundation that will allow them to better appreciate and understand our world and the problems of its management. The faculty of the school works to maximize the opportunity for students to give practical application and personal relevance to abstract theories.

Faculty members in the physical sciences and technologies are involved in the ongoing process of developing and articulating their

curriculum with input from local industries, area specialists, and colleagues from other colleges and universities. The curriculum is designed to meet the educational needs of those who are seeking immediate employment; those who are presently working and need to keep current with dynamic, rapidly evolving technologies and equipment; those who are planning to transfer to a four-year college or university; and students who seek learning for the sake of personal enrichment.

SOCIAL AND BEHAVIORAL SCIENCES

Rm. A 204A • (949) 451-5679

Acting Dean: Daniel E. Rivas, Ph.D.
Administrative Assistant:
Kathleen Johnson

Academic Chairs
Administration of Justice,
Anthropology, Economics,
Geography, Political Science:
Colin McCaughey
Early Childhood Education,
Psychology, Sociology:
Kari Tucker, Ph.D.

Courses and/or majors in the following areas:

Administration of Justice
Anthropology
Early Childhood Education
*Human Development, Infant/
Toddler, School-Age Children*
Economics
Geography
Political Science
Psychology
Sociology

The various departments of the School of Social and Behavioral Sciences offer programs in the administration of justice, anthropology, economics, geography, political science, psychology, sociology, and early childhood education. Curriculum within these programs focuses on the various social and psychological structures of human beings, human relations, and human institutions, especially within a contemporary



context and from a theoretical and empirical standpoint. General education and transfer courses form the basis of the curriculum in the social sciences, which is designed to address the diversity of issues treated within the behavioral sciences.

The vocational program in administration of justice prepares students for careers in law or criminal justice. The human development program prepares students to be child care providers and administrators.

Faculty members in the social and behavioral sciences are involved in the ongoing process of developing and articulating their curriculum with input from the community, discipline experts, and colleagues from surrounding colleges and universities.