

IRVINE VALLEY COLLEGE

CATALOG 2007/2008

Vol. XIX

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 2007

August 20 (Monday)	Instruction begins for full-semester classes and first eight-week session.*
September 3 (Monday)	Labor Day—Classes not in session
October 15 (Monday)	Instruction begins for second eight-week session
November 12 (Monday)	Veterans Day—Classes not in session
November 16 (Friday)	Last date to apply for Fall 2007 degrees, certificates, or CSU and IGETC certifications.
November 22–25 (Thursday–Sunday)	Thanksgiving—Classes not in session
December 10–16 (Monday–Sunday)	Final Examinations
December 24–January 1 (Monday–Tuesday)	College and District closed

SPRING SEMESTER 2008

January 14 (Monday)	Instruction begins for full-semester classes and first eight-week session.*
January 21 (Monday)	Martin Luther King, Jr. Day—Classes not in session
February 15–18 (Friday–Monday)	Lincoln Day, Washington Day—Classes not in session
March 16–22 (Sunday–Saturday)	Spring Break—Classes not in session
March 24 (Monday)	Instruction begins for second 8-week session.
March 24 (Monday)	Last date to apply for Spring 2008 degrees, certificates, or CSU and IGETC certifications.
	Students planning to participate in the commencement ceremony must file their applications for degrees or certificates by this date.
May 16–22 (Friday–Thursday)	Final Examinations
May 23 (Friday)	Commencement

SUMMER SESSION 2008**

May 26 (Monday)	Memorial Day—Classes not in session
May 27–July 3 (Tuesday–Friday)	First six-week summer session
May 27–July 18 (Tuesday–Friday)	First eight-week summer session
May 27–August 15 (Tuesday–Friday)	Twelve-week summer session
June 23–August 15 (Monday–Friday)	Second eight-week summer session
July 4 (Wednesday)	Fourth of July—Classes not in session
July 7–August 15 (Monday–Friday)	Second six-week summer session
July 18 (Friday)	Last date to apply for Summer 2008 degrees, certificates, or CSU and IGETC certifications.

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

** Summer session dates are subject to change. Consult the class schedule for additional summer sessions.

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SOUTH ORANGE COUNTY COMMUNITY COLLEGE DISTRICT

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

VISION: To be an educational leader in a changing world.

MISSION: To provide a dynamic learning environment and diverse opportunities to foster student success and contribute to the global community.

GOALS:

1. Promote and support enrollment growth to meet student demand through new programs, distance education, workforce development, and alternative instructional delivery modes.
2. Engage in systematic and integrated strategic planning and budgeting with annual reviews.
3. Follow the Educational and Facilities Master Plan and address preventative maintenance and timely rehabilitation when making resource allocation decisions.
4. Develop ATEP (Advanced Technology & Education Park) through educational and business partnerships and multiple sources of funding.
5. Provide a safe and secure environment supportive of student learning.
6. Continue to promote and strengthen institutional integrity, effectiveness, and accountability consistent with accreditation recommendations.
7. Increase awareness of the colleges and ATEP through community involvement and outreach to strengthen public and legislative advocacy.
8. Provide an entrepreneurial environment that encourages innovation and increases economic development opportunities.
9. Recruit highly qualified and diverse employees and provide them with opportunities to succeed through constructive and timely evaluation and professional development.
10. Ensure that students, faculty, and staff are informed of and have access to services, programs, and policies.
11. Promote a positive district-wide image through respectful and collegial interactions among faculty, staff, students, administrators, trustees and the community.

Raghu P. Mathur, Ed.D.
Chancellor

Gary Poertner
Deputy Chancellor

Andreea Serban, Ph.D.
Vice Chancellor, Technology
and Learning Services

Robert E. King, J.D.
Vice Chancellor, Human Resources

Tracy Daly
Director, Public Affairs
and Intergovernmental Relations

Allan B. MacDougall, Ph.D.
Director, Information Technology

Beth Mueller
Director, Fiscal Services

Teddi Lorch
Director, Human Resources

Scott Simpson, Ph.D.
Director, Research and Planning

BOARD OF TRUSTEES

David B. Lang, President

Donald P. Wagner, Vice President

Thomas A. Fuentes, Clerk

William O. Jay

Marcia Milchiker

Nancy M. Padberg

John S. Williams

Matthew T. Reynard, Student Trustee

PRESIDENT'S MESSAGE

On behalf of the faculty, staff, and administration, I welcome you to Irvine Valley College. IVC has been improving the quality of life for residents of southern Orange County for over 20 years. IVC is proud to be one of the finest community colleges in California. Our goal is to provide you the outstanding innovative instruction you need to be successful.

This catalog is the first book you should study when you arrive at IVC. It is an indispensable tool, one that you will need to develop your educational plan. It identifies the resources; curriculum information and student services that will help you make the right choices toward your educational goals. For help in creating a personalized degree plan, contact the Counseling Office in the Services Center.

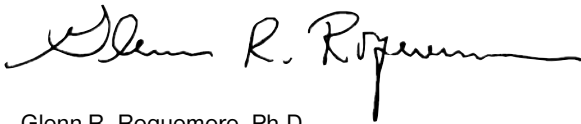
Students may choose among 59 associate degree majors, including university studies in preparation for transfer, and 32 career and technical certificate programs. The curriculum spans both the liberal arts and sciences and the advanced technologies. Over 25 off-campus class sites serve the lifelong learning needs of Emeritus students. IVC courses are also available at our new Tustin location—ATEP—the Advanced Technology & Education Park.

The college supports diverse student clubs and organizations and a vital honors program. Two new facilities will soon bring an added dynamic: the \$32 million Performing Arts Center should be ready for audiences this fall, and the much-anticipated Business Sciences Technology and Innovation Center is slated to open in 2008.

IVC prides itself in academic excellence. The college now ranks first in Orange County and seventh among all California community colleges in transfer rates to four-year institutions. More than 13,000 students enroll in the college's day, evening and online classes.

Whether you plan to earn an associate degree, prepare for university transfer, find a career, or pursue learning for personal improvement, we will help you succeed. Whatever you want to achieve, we are dedicated to helping you get there.

Have a great year.



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 some of the most 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 11 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

both Saddleback College in Mission Viejo and Irvine Valley College. 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.

To best serve the needs of the diverse 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 2007-2008

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 2007-2008

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

President

Glenn R. Roquemore, Ph.D.
Room A 101 (949) 451-5210

Executive Assistant to the President

Marilyn Smith
Room A 101A (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

Acting Director, Facilities and Maintenance

Philip Brittain
Room FM 100 (949) 451-5255

Manager, Facilities, Maintenance and Operations

Philip Brittain
Room FM 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

Acting Director, Safety and Security

James Pyle
Room CP 100 (949) 451-5200

OFFICE OF INSTRUCTION

Vice President, Instruction

Craig Justice, Ph.D.
Room A 107 (949) 451-5212

Dean, Business and Social Sciences

Susan Corum
Room B 276 (949) 451-5310

Dean, Health Sciences, Physical Education and Athletics

Keith Shackelford, J.D.
Room PE 226 (949) 451-5398

Dean, Humanities and Fine Arts

Karima Feldhus, Ph.D.
Room A 204A (949) 451-5232

Acting Dean, Mathematics, Sciences and Engineering

Dixie Lee Bullock
Room B 272 (949) 451-5450

Dean, Career Technical Education and Workforce Development

Susan M. Cooper, Ed.D.
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

OFFICE OF STUDENT SERVICES

Vice President, Student Services

Gwendolyn Plano, Ed.D.
Room A 119 (949) 451-5214

Dean, Counseling and Library Services

Elizabeth L. Cipres, Ed.D.
Room SC 210 I (949) 451-5410

Director, Admissions, Records and Enrollment Services

John Edwards
Room SC 110A (949) 451-5409

Registrar

Ruben Guzman
Room SC 110B (949) 451-5461

Director, Child Development Center

Becky Thomas
CDC (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

SCHOOLS AND OFFICES

BUSINESS SCIENCES • Accounting, Business Management, Computer Center, Computer Information Management, Real Estate

Office Location: B 276 • Susan Corum, Dean (949) 451-5310
Bob Urell, Academic Chair 451-5280

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

Office Location: A 204A • Karima Feldhus, Ph.D., Dean (949) 451-5453
Gregory Bishopp, Academic Chair, Visual Arts 451-5680
Ron Ellison, Academic Chair, Theatre 451-5303
Daniel Luzko, Academic Chair, Music 451-5762
Edwin Tiongson, Academic Chair, Speech 451-5346

GUIDANCE AND COUNSELING • Articulation, CalWORKS, Career and Transfer Center, College Studies, Counseling, Disabled Student Services, EOPS/CARE, Learning Center (Tutoring), Learning Disabilities Program, Women’s Studies

Office Location: SC 210 • Elizabeth L. Cipres, Ed.D., Dean (949) 451-5319
Tiffany Tran, Academic Chair 451-5251

HEALTH SCIENCES, PHYSICAL EDUCATION AND ATHLETICS • Dance, Health, Intercollegiate Athletics, Life Fitness Center, Nutrition, Physical Education, Strength Training Center

Office Location: PE 225 • Keith Shackelford, J.D., Dean (949) 451-5398
Tom Pestolesi, Academic Chair, Health, Physical Education 451-5629
Martin McGrogan, Academic Chair, Athletics. 451-5654

HUMANITIES AND LANGUAGES • 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 • Karima Feldhus, Ph.D., Dean (949) 451-5232
Susan Fesler, Academic Chair, Languages 451-5486
TBA, Academic Chair, English 451-5232
Francisco Marmolejo, Ph.D., Academic Chair, Humanities 451-5208

LIBRARY SERVICES • Library Research

Office Location: LIB 106A • Elizabeth Cipres, Ed.D., Dean (949) 451-5717
Jayne Sinegal, Academic Chair 451-5377

LIFE SCIENCES AND TECHNOLOGIES • Biology, Environmental Studies, Health Sciences

Office Location: B 273 • Dixie Bullock, Acting Dean (949) 451-5238
David Fretz, Academic Chair 451-5384

MATHEMATICS, COMPUTER SCIENCE AND ENGINEERING • Computer Science, Design Model Making and Rapid Prototyping, Drafting, Engineering, Mathematics

Office Location: B 262E • Dixie Bullock, Acting Dean (949) 451-5450
TBA, Academic Chair 451-5450

PHYSICAL SCIENCES AND TECHNOLOGIES • Astronomy, Chemistry, Earth Science, Electronic Technology, Geology, Marine Science, Physics

Office Location: B 273 • Dixie Bullock, Acting Dean (949) 451-5561
Amy Stinson, Academic Chair 451-5622

SOCIAL AND BEHAVIORAL SCIENCES • Administration of Justice, Anthropology, Early Childhood Education, Economics, Geography, Political Science, Psychology, Sociology

Office Location: B 276 • Susan Corum, Dean (949) 451-5310
Colin McCaughey, Academic Chair, Administration of Justice, Anthropology, Economics, Geography, Political Science . . 451-5402
Kari Tucker, Academic Chair, Early Childhood Education, Psychology, Sociology 451-5447

CAREER TECHNICAL EDUCATION AND WORKFORCE DEVELOPMENT • Career Program Support, Grants, Tech Prep, VTEA (Vocational and Technical Education Act) Program

Office Location: A 120 • Susan M. Cooper, Ed.D., Dean (949) 451-5650

EXTENDED EDUCATION • Community Education, Corporate Training, Emeritus Institute, IVC Testing Center

Office Location: A 121 • David E. Anderson, Jr., Director (949) 451-5382

ACADEMIC SCHOOLS

BUSINESS SCIENCES

Rm. B 276 • (949) 451-5310

Dean: Susan Corum

Senior Administrative Assistant:

Katie Felli

Administrative Assistant:

Kathleen Johnson

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. A 204A • (949) 451-5453

Fine Arts Hotline: 451-5488

Dean: Karima Feldhus, Ph.D.

Senior Administrative Assistant:

Carol Danna

Academic Chairs

Music: Daniel Luzko, D.M.A.

Speech: Edwin Tiongson

Theatre: Ron Ellison

Visual Arts: Gregory Bishopp

**Courses and/or majors
in the following areas:**

Art

*Design, Painting, Drawing, Gallery
Design*

Art History

*Introductions to Art Theory and Art
Media, Historical Surveys, Western
Canon Pre-Modern and Modern,
Non-Western*

Digital Media Arts -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.

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.

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. Concert attendance is required for all music classes. 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 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 looks forward to staging its theatrical productions in the new Irvine Valley College Performing Arts Center for the first time during the 2007-2008 academic year.

GUIDANCE AND COUNSELING

Rm. SC 210 • (949) 451-5319

Dean: Elizabeth L. Cipres, Ed.D.

Senior Administrative Assistant:
Linda Renné

Secretary: Mina Nawabi

Academic Chair: Tiffany Tran

Assistant Director, Supportive

Services: Fawn Tanriverdi

Administrative Assistant:

Heather Whitecotton, 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 and personal development, and tutoring (see College Studies). 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: Clint Hull

**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),

Adaptive 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

Dean: Karima Feldhus, Ph.D.

Senior Administrative Assistant:

Claudia Horak

Academic Chairs

English: TBA

Humanities:

Francisco Marmolejo, Ph.D.

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. LIB 106A • (949) 451-5717

Dean: Elizabeth L. Cipres, Ed.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

Acting Dean: Dixie Bullock

Senior Administrative Assistant:
vacant

Academic Chair: David Fretz

Lab Technicians: Lewis Akers,
Elizabeth Hernandez-Caluag,
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

Acting Dean: Dixie Bullock

Senior Administrative Assistant:
Megan Newton

Academic Chair: TBA

**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

Acting Dean: Dixie Bullock

Senior Administrative Assistant:

vacant

Academic Chair: Amy Stinson

Lab Technicians: Ryck Daniels,
Warren Ansaldo, 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. B 276 • (949) 451-5310

Dean: Susan Corum

Senior Administrative Assistant:

Katie Felli

Administrative Assistant:

Kathleen Johnson

Academic Co-Chair:

Colin McCaughey

Academic Co-Chair: Kari Tucker

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.