

IRVINE VALLEY COLLEGE

CATALOG 2006-2007

Vol. XVIII

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

Irvine Valley College prohibits discrimination on the basis of race, color, religion, national origin, age, disability, sexual orientation, marital status, or pregnancy in the administration of its educational policies, personnel practices, and college programs. The college, by law, cannot engage in any such discriminatory activity. 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, 3402 Mendocino Avenue, Santa Rosa, CA 95403, (707) 569-9177, an institutional accrediting body recognized by the Council for Higher Education Accreditation and the U.S. Department of Education.

ACADEMIC CALENDAR

FALL SEMESTER 2006

August 21 (Monday) _____	Instruction begins for full-semester classes and first eight-week session*
September 4 (Monday) _____	Labor Day—Classes not in session
October 16 (Monday) _____	Instruction begins for second eight-week session
November 10 (Friday) _____	Veterans Day—Classes not in session
November 17 (Friday) _____	Last date to apply for Fall 2006 degrees or certificates.
November 23–26 (Thursday–Sunday) _____	Thanksgiving—Classes not in session
December 11–17 (Monday–Sunday) _____	Final Examinations
December 21–January 1 (Thursday–Monday) _____	College and District closed

SPRING SEMESTER 2007

January 8 (Monday) _____	Instruction begins for full-semester classes and first eight-week session*
January 15 (Monday) _____	Martin Luther King, Jr. Day—Classes not in session
February 16–19 (Friday–Monday) _____	Lincoln Day, Washington Day—Classes not in session
March 12–18 (Monday–Sunday) _____	Spring Break—Classes not in session
March 19 (Monday) _____	Instruction begins for second 8-week session
March 23 (Friday) _____	Last date to apply for Spring 2007 degrees or certificates. Students planning to participate in the commencement ceremony must file their applications for degrees or certificates by this date.
May 11–17 (Friday–Thursday) _____	Final Examinations
May 18 (Friday) _____	Commencement

SUMMER SESSION 2007**

May 21–June 29 (Monday–Friday) _____	First six-week summer session
May 21–July 13 (Monday–Friday) _____	First eight-week summer session
May 21–August 10 (Monday–Friday) _____	Twelve-week summer session
May 28 (Monday) _____	Memorial Day—Classes not in session
June 18–August 10 (Monday–Friday) _____	Second eight-week summer session
July 2–August 10 (Monday–Friday) _____	Second six-week summer session
July 4 (Wednesday) _____	Fourth of July—Classes not in session
July 20 (Friday) _____	Last date to apply for Summer 2007 degrees or certificates

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

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

CONTENTS

THE COLLEGE AND THE DISTRICT

Academic Calendar _____	2
South Orange County Community College District _____	4
President's Message _____	5
Irvine Valley College _____	6
College Administration _____	7
College Offices _____	8
Academic Schools _____	9

ADMISSION AND REGISTRATION

Eligibility _____	16
Application _____	16
Residency _____	17
International Students _____	18
Registration _____	19
Matriculation _____	21
Assessment and Placement _____	22
Prerequisites _____	24
Fees _____	25
Refunds _____	26

POLICIES AND STANDARDS

Student Conduct _____	28
Student Rights _____	32
Policies and Standards _____	34
Grades _____	36
Credit by Examination _____	38
Credit from Other Institutions _____	40
Contract Education _____	41
Honors _____	42
Academic Renewal, Probation and Dismissal _____	44
Grievances _____	45

STUDENT SERVICES, CENTERS AND OPPORTUNITIES

Financial Aid _____	48
Counseling Services _____	49
Supportive Services _____	50
Student Resource Centers _____	51
Associated Students _____	52
Intercollegiate Athletics _____	53
Library _____	55
Instructional Centers _____	56
Online Services _____	57
Affiliated Programs _____	58

GRADUATION REQUIREMENTS, DEGREES, CERTIFICATES AND TRANSFER PLANNING

Associate Degrees _____	61
Certificates _____	62
Graduation Requirements	
Associate in Arts Degree _____	63
Associate in Science Degree _____	64
General Education _____	65
Associate in Arts Degree _____	67
Associate in Science Degree _____	68
CSU Certification _____	69
IGETC Certification _____	72
Cross Enrollment _____	74
University of California (UC)	
Course List _____	75
Transfer Planning _____	76
California State University _____	78
University of California _____	80

PROGRAMS, MAJORS, AND COURSES

Course Information _____	86
Accounting _____	89
Administration of Justice _____	91
Anthropology _____	95
Art _____	97
Art History _____	100
Biology _____	103
Business Management _____	109
Chemistry _____	114
College Studies _____	116
Computer Information Management _____	117
Computer Science _____	127
Computer-Integrated Manufacturing and Technology _____	131
Dance _____	132
Design Model Making and Rapid Prototyping _____	135
Digital Media Art _____	137
Drafting Technology/Engineering _____	140
Early Childhood Education _____	142
Economics _____	147
Electronic Technology _____	150
English _____	153
English as a Second Language _____	159
Fine Arts _____	165
French, see Languages _____	176
Geography _____	166
Geology _____	168

Graphic Design, see Digital Media Art _____	137
Health Sciences, see Biology _____	103
History _____	170
Humanities _____	174
Japanese, see Languages _____	176
Languages _____	176
Library and Tutoring Services _____	183
Management, see Business _____	109
Mathematics _____	184
Music _____	188
Philosophy _____	195
Photography _____	197
Physical Education and Health _____	199
Physical Science _____	206
Political Science _____	208
Psychology _____	211
Real Estate _____	214
Sociology _____	216
Spanish, see Languages _____	176
Speech/Forensics _____	218
Theatre Arts _____	220
University Studies _____	224
Women's Studies _____	226
Emeritus Institute _____	227

WHO'S WHO

Administrators and Managers _____	234
Full-Time Faculty _____	235
Part-time Faculty _____	238
Emeriti _____	245
Classified Staff _____	246

INDEX _____	249
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CAMPUS MAP _____	255
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SOUTH ORANGE COUNTY COMMUNITY COLLEGE DISTRICT

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

VISION

The vision of the South Orange County Community College District is to create an environment of excellence that best serves the students and community.

MISSION

Our mission is to provide academic opportunities, cultural enrichment and social experiences to foster student success and contribute to the community.

APPROACH

Access is made available through Saddleback College in Mission Viejo, Irvine Valley College in Irvine, and the Advanced Technology and Education Park in Tustin. Courses and programs will promote critical thinking, intellectual growth, and lifelong learning. Hallmarks of the District will be student academic achievement; sound financial management; state-of-the-art facilities and technology; and responsiveness to local residents, business, and industry.

OUR COMMITMENT

- Be responsive to students and accountable to the community.
- Prepare students for transfer to four-year colleges and universities.
- Make available a broad spectrum of educational opportunities from development of basic skills to training in advanced technologies.
- Provide training, retraining and upgrading of skills to develop tomorrow's workforce.
- Promote economic development.
- Offer opportunities for intellectual stimulation and cultural enrichment to all members of the community.

BOARD OF TRUSTEES

Thomas A. Fuentes, Clerk

William O. Jay

David B. Lang, President

Marcia Milchiker

Nancy M. Padberg, Vice President

Donald P. Wagner

John S. Williams

Elizabeth Kelly, Student Trustee

DISTRICT ADMINISTRATION

Raghu P. Mathur, Ed.D.
Chancellor

Gary Poertner
Deputy Chancellor

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

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

Robert J. Kopecky, Ph.D.
Provost, Advanced Technology
& Education Park (ATEP)

Tracy Daly
Director, Marketing
and Public Affairs

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

Raul Villalba
Director, Facilities and Purchasing

PRESIDENT'S MESSAGE

On behalf of the faculty, staff and administration, I welcome you to Irvine Valley College. IVC is proud to be one of the finest community colleges in California. Our goal is to provide you the outstanding and innovative instruction you need to be successful.

This catalogue 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 Student Services Center.

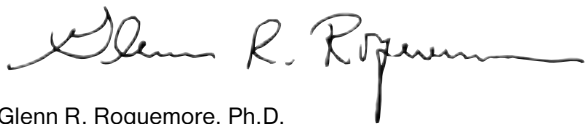
In 2006, the fine arts program takes center stage with a new \$32 million Performing Arts Center and Theater that will become the cultural and artistic center of the campus when it is completed in March 2007. And next year, the Department of Athletics hopes to break ground on a multi-use soccer stadium that will become the premiere community venue for local high school sports teams as well as our own outstanding athletics programs.

Over the next five years, our 100-acre campus will be transformed with the construction of a Business and Technology Center in 2008, a new School of Life Sciences in 2010, and a Fine Arts complex in 2011. With these and other campus improvements—the recently completed installation of solar power panels and other green energy saving technologies, lab renovations, and classroom upgrades—the college will invest over \$143,000,000, making Irvine Valley one of Orange County's most up-to-date campuses.

Study the map that is included in this catalogue and plan a walking tour of the campus. Browse the library resources, explore the athletic facilities, and discover the art gallery. And be sure to acquaint yourself with the services provided by the Counseling Center, Career Center, Health and Wellness Center, the Transfer Center and other special services. These are your services. I hope you will take full advantage of all the opportunities we offer.

Irvine Valley has a bright new future. We are pleased that you have chosen to be a part of it.

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 2006-2007

1. Rewrite and revise the college vision and mission statements during the fall term.
2. Develop class schedules that increase enrollment and productivity while offering courses and programs of greatest interest and need to students.
3. Promote increased usage of new technologies in the delivery of educational courses and programs.
4. Increase the number of course offerings and student enrollment in distance education classes.
5. Identify factors that promote student success and support the implementation of those strategies in the classroom.
6. Successfully complete the accreditation self-study.
7. Educate the community about our vision and mission in higher education.
8. Increase the use of technology to more effectively deliver support to instruction, student services and administration.
9. Continue supporting the Educational and Facilities Five-Year Master Plan.
10. Participate in the development of ATEP (Advanced Technology & Education Park) programs.
11. Deliver both the efficiency and effectiveness of instruction, student services and administration.
12. Employ diverse faculty and staff.
13. Promote respect for diverse cultures and points of view that are consistent with the college mission.
14. Participate in and complete a redesign of the District Resource Allocation model.
15. Develop a new five-year College Strategic Plan that is keyed to the Educational and Facilities Master Plans and the college budget development process.
16. Develop budgeting philosophies within the college foundation that align with university fundraising protocol.

COLLEGE ADMINISTRATION

CAMPUS INFORMATION: (949) 451-5100

OFFICE OF THE PRESIDENT

President

Dr. Glenn R. Roquemore
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

Public Information Officer

Mark Godding
Room A 102 (949) 451-5277

Grant Specialist

Christine Frymire
Room A 118 (949) 451-5225

Research and Planning Analyst

Sibylle Georgianna
Room A 120 (949) 451-5766

Director, Facilities

Wayne Anthony Ward
Room FM 100 (949) 451-5255

Interim Director, College Fiscal Services

Davit Khachatryan
Room SC 270 (949) 451-5326

Bursar

Diana Walker
Room SC 160 (949) 451-5245

Chief of Police

Owen Kreza
Room CP 100 (949) 451-5200

Deputy Chief of Police

Dennis Duncan
Room CP 100 (949) 451-5200

OFFICE OF INSTRUCTION

Vice President, Instruction

Dr. Dennis W. White
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

Dr. Karima Benremouga
Room A 204A (949) 451-5232

Dean, Mathematics, Sciences and Engineering

Dr. Susan M. Cooper
Room B 272 (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

Dr. Gwendolyn Vendley
Room A 119 (949) 451-5214

Dean, Counseling and Library Services

Dr. Elizabeth L. Cipres
Room LIB 205 (949) 451-5410

Director, Admissions, Records and Enrollment Services

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

Admissions and Records 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

Director, Supportive Services

Bill Hewitt
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

COLLEGE OFFICES

FREQUENTLY CALLED NUMBERS

CAMPUS INFORMATION: (949) 451-5100

Admissions _____	SC 110	451-5220	Humanities and Languages _____	A 204A	451-5232
Assessment Center _____	SC 240	451-5315	Humanities Center _____	A 303	451-5249
Associated Students IVC _____	SC 260A	451-5260	Humanities Department (Chair's Office)	A 237	451-5208
Athletics (Chair's Office) _____	PE 227	451-5654	Instruction Office _____	A 107	451-5212
Athletics (Dean's Office) _____	PE 226	451-5407	International Student Center _____	SC 220	451-5414
Biology Department (Chair's Office) _____	A 240	451-5384	Languages Department (Chair's Office)	A 223	451-5486
Bookstore (adjacent to Parking Lot 2) _____		451-5258	Learning Center (Tutoring) _____	LIB 100A/B	451-5702
Bursar's Office _____	SC 160	451-5245	Library: Circulation Desk _____	LIB 105	451-5761
Business Department (Chair's Office) _____	B 271	451-5280	Library: Information _____	LIB 105	451-5261
Business Sciences _____	B 276	451-5310	Library: Reference Desk _____	LIB 100	451-5266
CalWORKs _____	SC 130	451-5243	Library Services (Administrative Office) _____	LIB 205	451-5717
Campus Police _____	CP 100	451-5200	Library Services (Chair's Office) _____	LIB 106C	451-5377
Career Center _____	SC 230	451-5268	Life Sciences _____	B 273	451-5238
Child Care Information _____	CDC	451-5484	Lost and Found _____	A 100	451-5200
Community Education _____	A 109	451-5555	Math Department (Chair's Office) _____	B 281	451-5359
Computer Center _____	B 353	451-5474	Math Tutorial Center _____	B 117	451-5259
Microcomputer Courses _____	B 276	451-5310	Mathematics, Computer Science and		
Computer Sciences Courses _____	B 272	451-5450	Engineering _____	B 262E	451-5450
Cooperative Education—Work Experience			Music Department (Chair's Office) _____	A 222	451-5762
Digital Media Art _____	A 230	451-5750	Outreach and Community Relations _____	SC 220D	451-5217
Economics _____	B 262A	451-5759	Parking Information _____	CP 100	451-5200
Human Development _____	CDC 115	451-5374	Physical Education _____	PE 225	451-5398
Management _____	B 277	451-5288	Physical Sciences (Chair's Office) _____	B 274	451-5698
Political Science _____	A 226	451-5204	President's Office _____	A 101	451-5210
Corporate Training _____	A 109	451-5226	Public Information _____	A 102	451-5277
Counseling _____	SC 210	451-5319	Registrar _____	SC 110B	451-5461
Disabled Students Services (D.S.P.S.) _____	SC 171	451-5630	Research and Planning _____	A 120	451-5766
Distance Education _____	LIB 109	451-5475	Safety and Security _____	CP 100	451-5200
Emeritus Institute _____	A 121	451-5382	Scholarships _____	A 103	451-5290
English Department (Chair's Office) _____	A 239	451-5376	Shipping and Receiving _____		451-5242
E.O.P.S. _____	SC 130	451-5243	Social and Behavioral Sciences _____	B 276	451-5310
Facilities and Maintenance _____	FM 100	451-5255	Social Sciences (Co-Chair's Office) _____	B 263	451-5402
Financial Aid _____	SC 120	451-5287	Social Sciences (Co-Chair's Office) _____	B 262D	451-5447
Fine Arts _____	A 233	451-5453	Speech Department (Chair's Office) _____	B 257	451-5346
Fiscal Services Office _____	SC 270	451-5326	Student Affairs Office _____	SC 260B	451-5507
Foundation _____	A 103	451-5290	Student Services _____	A 119	451-5214
Fitness Center _____	PE 110	451-5370	Supportive Services _____	SC 130	451-5243
Graduation Evaluation _____	SC 110	451-5743	Technology Services _____	LIB 109	451-5475
Grants Office _____	SC 118	451-5225	Testing Center _____	B 355	451-5468
Guidance and Counseling (Chair's Office) _____	SC 210E	451-5251	Theatre Department (Chair's Office) _____	A 302B	451-5303
Health and Wellness Center _____	SC 150	451-5221	Transfer Center _____	SC 230	451-5339
Health Sciences, PE (Chair's Office) _____	PE 222	451-5629	Veterans Assistance _____	SC 120	451-5296
Honors Program Office _____	A 201A	451-5300	Visual Arts Department (Chair's Office) _____	B 111A	451-5680

ACADEMIC SCHOOLS

Dr. Dennis W. White, Vice President of Instruction • Dr. Gwendolyn Vendley, Vice President of Student Services

BUSINESS SCIENCES

Susan Corum, Dean

Accounting
Business Management
Computer Center
Computer Information Management
Real Estate

EXTENDED EDUCATION

David E. Anderson, Jr., Director

Community Education
Corporate Training
Emeritus Institute
Irvine Valley College Testing Center

FINE ARTS

Dr. Karima Benremouga, Dean

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

GUIDANCE AND COUNSELING

Dr. Elizabeth L. Cipres, Dean

Articulation
CalWORKs
Career and Transfer Center
College Studies
Counseling
Disabled Student Services
EOPS/CARE
Learning Center (Tutoring)
Learning Disabilities Program
Women's Studies

HEALTH SCIENCES, PHYSICAL EDUCATION AND ATHLETICS

Keith Shackelford, J.D., Dean

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

HUMANITIES AND LANGUAGES

Dr. Karima Benremouga, Dean

Chinese
English
English as a Second Language
French
History
Humanities
Humanities Center
Japanese
Philosophy
Sign Language
Spanish

LIBRARY SERVICES

Dr. Elizabeth L. Cipres, Dean

Library Research

LIFE SCIENCES AND TECHNOLOGIES

Dr. Susan M. Cooper, Dean

Biology
Environmental Studies
Health Sciences

MATHEMATICS, COMPUTER SCIENCE AND ENGINEERING

Dr. Susan M. Cooper, Dean

Computer Science
Computer-Integrated Manufacturing
Design Model Making and Rapid
Prototyping
Drafting
Engineering
Mathematics
Math Tutorial Learning Center

PHYSICAL SCIENCES AND TECHNOLOGIES

Dr. Susan M. Cooper, Dean

Astronomy
Chemistry
Earth Science
Electronic Technology
Geology
Marine Science
Physics

SOCIAL AND BEHAVIORAL SCIENCES

Susan Corum, Dean

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

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, vocational, and community service 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: Dr. Karima Benremouga

Senior Administrative Assistant:

Carol Danna

Academic Chairs

Music: Dr. Daniel Luzko

Speech: Gary Rybold

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,
Commercial/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. Throughout the year, the department produces several major theatrical productions in the campus Forum Theatre.

GUIDANCE AND COUNSELING

Rm. SC 210 • (949) 451-5319

Dean: Dr. Elizabeth L. Cipres
Senior Administrative Assistant:
Linda Renné
Secretary: Mina Nawabi
Academic Chair: Tiffany Tran

Director, Supportive Services:
Bill Hewitt
Administrative Assistant:
Heather Whitecotton, 451-5243

Courses and/or majors in the following areas:
College Studies
Tutoring
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 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.

In addition to courses, the college offers academic, career and personal counseling. Through this service, students are helped to better understand and accept themselves and others; their options and choices are clarified; and their decision-making abilities are strengthened. The academic counselors help students develop their educational plans and assist students in identifying their career objectives.

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

Athletic Trainers: Devin Adams,
Janet Olsen
Sports Information Director:
Brent Shaver

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, competitive sports and noncompetitive sports opportunities for all students.

The school offers a fitness specialist certificate program as well as associate degree programs in physical education and dance. 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; and 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 court; 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: Dr. Karima Benremouga
Senior Administrative Assistant: Claudia Horak

Academic Chairs
English: Lisa Alvarez
Humanities: Dr. 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. LIB 205 • (949) 451-5717

Dean: Dr. Elizabeth L. Cipres
Senior Administrative Assistant: Rosie Navarro
Academic Chair: Jayne Sinegal

Courses in the following area:
Library Research

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 273 • (949) 451-5238

Dean: Dr. Susan M. Cooper

Senior Administrative Assistant:
Megan Newton

Academic Chair: David Fretz

Lab Technicians: Lewis Akers,
Hung Tran, Elizabeth Hernandez

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 262E • (949) 451-5450

Dean: Dr. Susan M. Cooper

Senior Administrative Assistant:
Angela Orozco-Mahaney

Academic Chair: Seth Hochwald

Courses and/or majors in the following areas:

Computer Science

*Computer Languages,
Programming, Systems Analysis,
Database*

Design Model Making and Rapid
Prototyping

Drafting

*Drafting, Engineering, Engineering
Technology*

Computer-Integrated Manufacturing
Technology

Mathematics

The School of Mathematics, Computer Science and Engineering offers courses and programs in mathematics, computer science, drafting technology, engineering, computer-integrated

manufacturing 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 273 • (949) 451-5561

Dean: Dr. Susan M. Cooper

Senior Administrative Assistant:

Megan Newton

Academic Chair: Kiana Tabibzadeh

Lab Technicians: Ryck Daniels,

Andy Goddard, 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 spe-

cialists, 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.