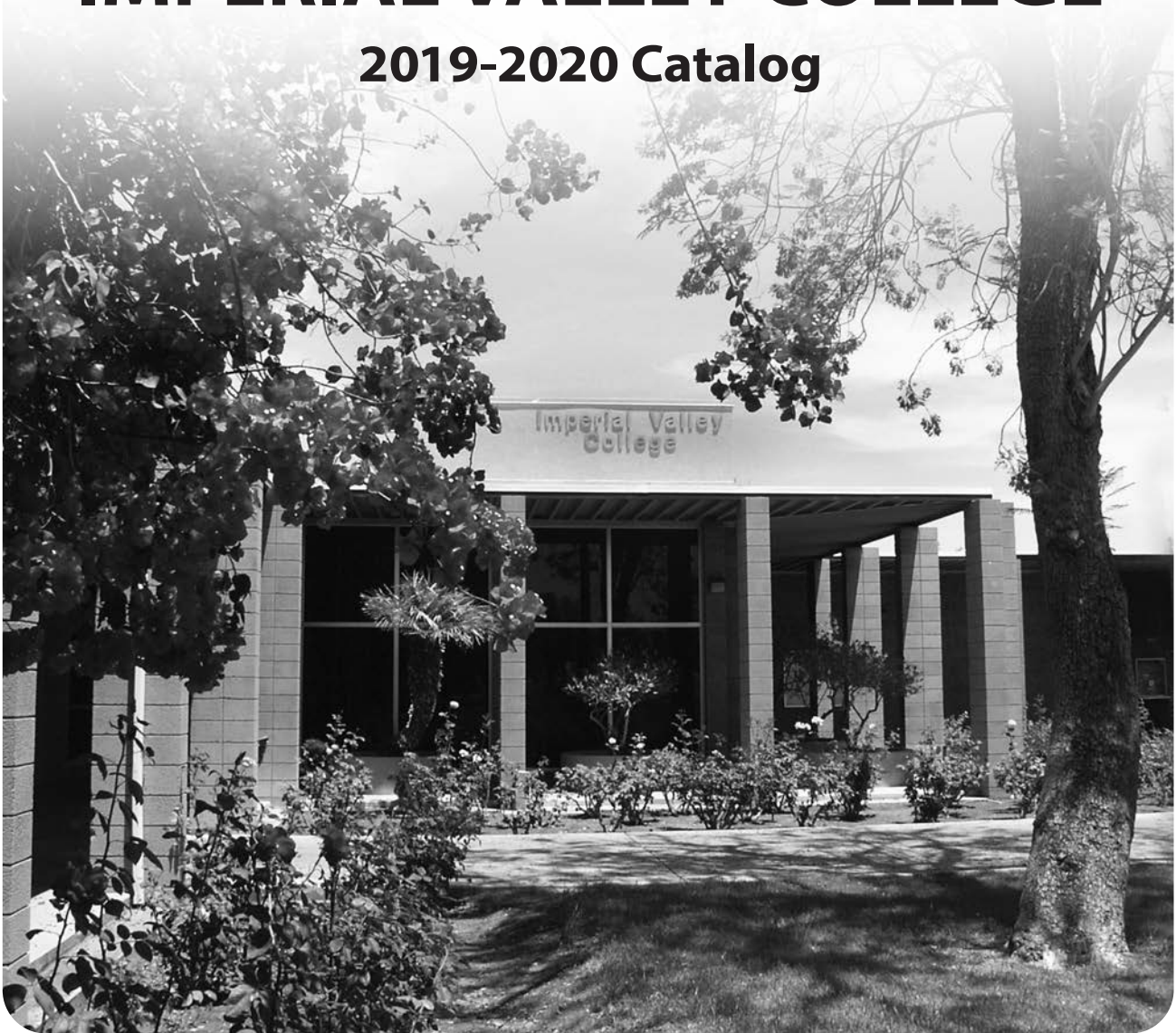


# IMPERIAL VALLEY COLLEGE

## 2019-2020 Catalog



Imperial Valley College welcomes you and wishes to take this opportunity to congratulate you on your decision to accept the challenge of further education. This catalog is your guide to and through this college and the many educational programs which it offers. You will find the information which you must have to succeed and those rules and regulations which govern the college and each student. It is your obligation to become thoroughly familiar with the content of the catalog. It has been prepared with your success in mind!

### IMPERIAL COMMUNITY COLLEGE DISTRICT

380 E. Aten Road • Imperial, CA 92251-0158 • (760) 352-8320 • [www.imperial.edu](http://www.imperial.edu)

**Accredited by**  
**Accrediting Commission for Community and Junior Colleges (ACCJC)**  
**Of the Western Association of Schools and Colleges (WASC)**

10 Commercial Boulevard, Ste. 204, Novato, CA 94949  
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*Upon the recommendation of the Committee on Accreditation of Educational Programs for the Emergency Medical Services Professions (CoAEMSP).  
25400 U.S. Highway 19 North, Suite 158, FL 33763. Ph: (727) 210-2350. [www.caahep.org](http://www.caahep.org)*

**California Association of Alcohol and Drug Educators (CAADE)**

5230 Clark Avenue, Suite 1, Lakewood, CA 90721. Ph. (707) 722-2331. [www.caade.org](http://www.caade.org)

**California Board of Registered Nursing**

P.O. Box 944210, Sacramento, CA 94244-2100. Ph: (916) 322-3350. [www.rn.ca.gov](http://www.rn.ca.gov)

**California Board of Vocational Nurse and Psychiatric Technicians**

2535 Capitol Oaks Drive, Suite 205, Sacramento, CA 95833. Ph: (916) 263-7800. [www.bvnpt.ca.gov](http://www.bvnpt.ca.gov)

**California State Fire Marshal/State Board of Fire Services**

P.O. Box 94246, Sacramento, CA 94244-2460. Ph: (916) 445-8444. [www.fire.ca.gov](http://www.fire.ca.gov)

**ASE Education Foundation**

1503 Edwards Ferry Road, NE, Suite 401, Leesburg, VA 20176. Ph: (703) 669-6650. [www.ASEeducationfoundation.org](http://www.ASEeducationfoundation.org)

**Certified/Approved Academic Programs**

**American Welding Society, Educational Institution Member, National Skill Standards Education (SENSE)**

8669 Doral Boulevard, Suite 130, Doral, FL 33166. Ph: (305) 443-9353, Ext. 259. [www.aws.org/membership](http://www.aws.org/membership)

**California Commission on Peace Officers Standards and Training**

1601 Alhambra Blvd., Sacramento, CA 95816-7086. Ph: (916) 227-3909. [www.post.ca.gov](http://www.post.ca.gov)

**North American Board of Certified Energy Practitioners (NABCEP)**

56 Clifton Road, Suite 102, Clifton Park, NY 12065. Ph: (800) 654-0021. [www.nabcep.org](http://www.nabcep.org)

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Imperial County School Boards' Association  
Imperial Valley Economic Development Corporation (IVEDC)  
National Academy of Early Childhood Programs  
San Diego and Imperial Counties Community Colleges Association (SDICCCA)

**Licensed Program**

**Community Care Licensing Department of Social Services**

8765 Aero Drive, Suite 300, San Diego, CA 92123. Ph: (858) 467-4388

**Approved for**

The Veterans Administration

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**Disclaimer**

Imperial Valley College is committed to providing students with the most accurate, current information available regarding the College's programs, courses, regulations, and policies. However, there may be times when course changes concerning prerequisites, content hours, or units of credit are determined after publication of the catalog or when district policy or state regulations dictate a change in current practice. When such a circumstance arises, every effort will be made through the college website ([www.imperial.edu](http://www.imperial.edu)), class schedules, public media, and at the time of registration to notify students of any changes in the course descriptions or college policies, as presented herein. Students with questions or concerns about a specific course need to contact a counselor at (760) 355-6543. Questions or concerns regarding standard practice and process can be directed to the Office of Admissions and Records at (760) 355-6101.

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## Imperial Valley College President's Message

Dear IVC Students,

On behalf of the faculty, staff, administrators and Board of Trustees, we extend a warm welcome to you and wish you an amazing and fruitful 2019-2020 academic year! To those who are beginning your college journey, we congratulate you for your commitment to pursue higher education and enhance your career opportunities in life. If you are a continuing student, welcome back for another year of rewarding educational opportunities. I am truly excited about this year because IVC will celebrate its 60th year anniversary, this is a major milestone in the history of the college. IVC has contributed to the success of thousands and thousands of students and graduates.

I have the honor of being an IVC graduate myself and I am privileged to serve as your Superintendent/President. The education I received at IVC was my foundation for success and has helped me achieve my dreams. We hope that Imperial Valley College will provide you the foundation to achieve your dreams. Whatever your educational dreams are, our purpose is to help you succeed.

Our highly qualified, committed faculty members continuously demonstrate their passion for student learning. Our passionate, professional staff members help ensure that you receive support services and the information you need to assist you during your educational journey at Imperial Valley College. We are especially proud of our friendly, inclusive environment where you can be yourself and grow during your time enrolled at this institution. Moreover, I encourage you to participate in student activities and take advantage of our wonderful services.

Imperial Valley College offers many transfer degrees and certificate programs and we continue to add new programs. Whether you plan to earn an associate's degree and transfer to a four-year university, to earn a certificate or enhance your skills, Imperial Valley College has a program available or offers courses designed to meet your goals.

At Imperial Valley College, we work hard every day to fulfill our college vision, which is to provide quality education that enriches lives and builds futures. We look forward to helping you achieve your dreams! Have a great academic year!

*Martha Garcia Ed.D.*

Superintendent/President



## Board of Trustees

Imperial Valley College is part of the Imperial Community College District.

The Imperial Community College District's Board of Trustees is an independent policy-making body that reflects the public interest in board activities and decisions. A seven-member Board of Trustees is elected by trustee area.

It is the responsibility of each Board member to represent the interests of his or her respective area. Board members take seriously their obligation to represent the overall public interest and to maintain continuity in the leadership of the Imperial Community College District.



**Louis Wong**  
Area 1



**Karla A. Sigmond**  
Area 2



**Jerry D. Hart**  
*Board President*  
Area 3



**Rudy Cardenas, Jr.**  
Area 4



**Mark Edney**  
*Clerk*  
Area 5



**Romualdo J. Medina**  
Area 6



**Steven M. Taylor**  
Area 7

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## District Administration

Superintendent/President

Vice President for Academic Services

Vice President for Student Services and Equity

Vice President for Administrative Services

Dean of Student Affairs and Enrollment Services

Dean of Student Services and Special Projects

Dean of Instruction - Economic and Workforce Development

Dean of Instruction - Health and Public Safety

Acting Dean of Arts, Letters and Learning Services

Dr. Martha Garcia

Dr. Christina Tafoya

Dr. Lennor Johnson

Josanna Garcia

Victor C. Torres

Dr. Henry Covarrubias

Efrain Silva

Dr. Robert Price

Dean of Math & Sciences

Associate Dean of Nursing and Allied Health, Associate Professor

Associate Dean/Workforce Preparation and Community Special Projects

Director of Early Childhood Education Programs

Chief Human Resources Officer

Chief Technology Officer

David Drury

Roberta Webster

Betsy Lane

Rebecca Green

Clint Dougherty

Jeffrey Enz

# IMPERIAL VALLEY COLLEGE

## 2019-2020 ACADEMIC CALENDAR

### Fall Semester 2019

August	16	Friday	Orientation (Service Day – All Faculty and Staff)
	19	Monday	Fall 2019 Semester Begins
	24	Saturday	First Day of Fall 2019 Saturday Classes
September	2	Monday	Holiday (Labor Day) – Campus Closed
November	11	Monday	Holiday (Veterans Day) – Campus Closed
	25-26	Monday-Tuesday	No Classes – Campus Open
	27-30	Wednesday-Saturday	Holiday (Thanksgiving) – Campus Closed
December	14	Saturday	Fall 2019 Semester Ends
	16-20	Monday-Friday	No Classes – Campus Open
	23-31	Monday-Monday	Winter Recess – Campus Closed

### Winter Session 2020

January	1	Wednesday	Holiday (New Year's Day) – Campus Closed
	2-3	Thursday-Friday	Winter Recess – Campus Closed
	6	Monday	Winter Session 2020 Begins
	20	Monday	Holiday (Martin Luther King Jr's Birthday) – Campus Closed
February	6	Thursday	Winter Session 2020 Ends

### Spring Semester 2020

February	14	Friday	Holiday (Lincoln's Birthday) – Campus Closed
	17	Monday	Holiday (Washington's Birthday) – Campus Closed
	18	Monday	Spring 2020 Semester Begins
April	13-18	Monday-Saturday	Spring Recess – Campus Closed
May	25	Monday	Holiday (Memorial Day) – Campus Closed
June	12	Friday	Spring 2020 Semester Ends
	13	Saturday	Commencement

### Summer Session 2020

June	22	Monday	Summer Session 2020 Begins
July	2	Friday	Holiday (Independence Day) – Campus Closed
	30	Thursday	Summer Session 2020 Ends

# HISTORY OF THE COLLEGE

Imperial Valley College is celebrating the 57th anniversary of the Aten Road campus in 2019 as well as the 60th anniversary of the formation of the Imperial Community College District. The opening of the IVC campus in September of 1962 was the culmination of years of hard work by visionary citizens to finance and build a freestanding community college in Imperial County.

Work to establish what today is the Imperial Community College District originated three years before the opening of the IVC campus. The State Department of Education approved a recommendation on July 10, 1959, to establish a community college district in Imperial County. The Imperial County Superintendent of Schools then set a date for an election at which all qualified voters residing within the boundaries of the seven high school and unified school districts were eligible to vote. The election was held on October 6, 1959; and by an overwhelming vote, the Imperial Valley Junior College District was established. This was followed by the election of the first Board of Trustees, one from each of the seven high school or unified school districts served by the Imperial Junior College District. Approval for construction of a campus followed in 1960 when District residents set an all-time state record, voting by a ratio of 13 to one in favor of bonds to finance a new IVC campus on Aten Road.

## IVC Roots Run Deep

But even though the grand opening of the campus in 1962 signaled a new era for higher education in Imperial County, IVC's roots run even deeper into the county's heritage. Exactly 40 years before the opening of the new campus, classes of Central Junior College began on the grounds of Central Union High School in El Centro – in September 1922. Two years later, in the fall of 1924, instruction began at a second college, Brawley Junior College, on the grounds of Brawley Union High School.

Enrollment increased in both schools until World War II, when the number of students dropped sharply. Brawley Junior College discontinued classes at the close of the 1947 school year.

In the fall of 1951, Central Junior College students petitioned the Central Union High School Board of Trustees for a more representative name for the college because it was now serving students from all of the Imperial Valley. The board agreed to change the college's name to Imperial Valley College.

Under the administration of the Central Union High School District, IVC gained recognition as an accredited institution of higher education. As the institution grew with the community, this growth was reflected in the steady rise in enrollment and the diversity of courses and curricula.

When IVC and the new college district finally received their own campus in 1962, it was basic. The facility consisted of a library, science laboratories, fine arts rooms, a student activities building, academic classrooms, administration and faculty offices, social science rooms, physical education shower and locker rooms, agricultural education classrooms and a shop.

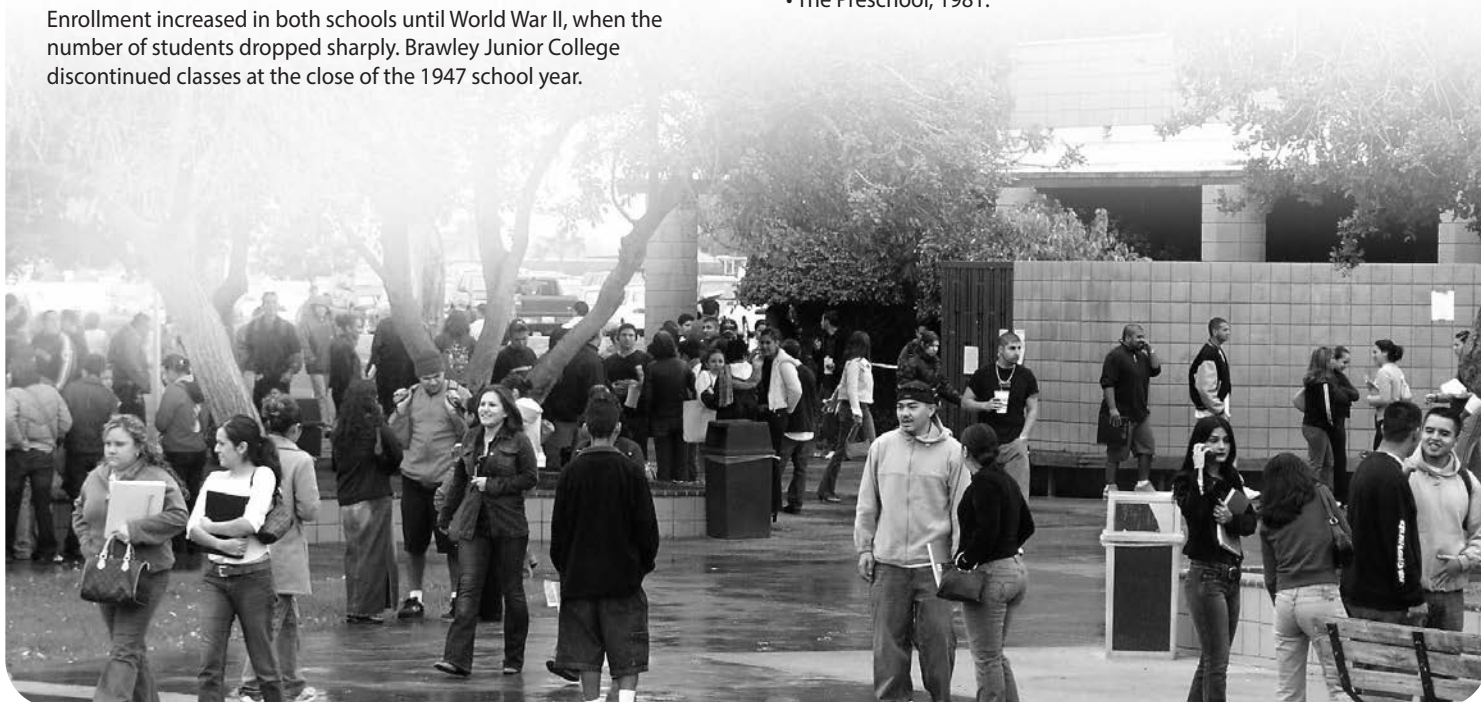
## Campus Expansion

A steady growth pattern began in April 1967 with the addition of a gymnasium that was designed to house sporting and theater events. It was rededicated on May 26, 1996, as the John A. "Buck" DePaoli Sports Complex. It was in honor of the late John A. "Buck" DePaoli, who served IVC for 30 years including 14 as Superintendent/President.

The Meyer Center for Business and Commerce was dedicated on February 20, 1972. It originally was located in the 900 building and is now housed in the 800 building.

Other major building projects that followed included:

- The Associated Students Activities Building, 1971;
- The Spencer Library Media Center, in 1975, named in honor of the late Terrel Spencer, President Emeritus and IVC's second President.
- The Swimming Pool Complex, 1975;
- The Preschool, 1981.



In November 1986, Imperial Valley College began construction of a 17,500 square foot fully state-funded building that now houses Health Technologies programs as well as the Mel Wendrick Access Center for Disabled Student Programs and Services. The \$2.2 million project was completed at the end of 1987.

IVC passed its second General Obligation bond in 1987, a \$2.5 million measure that allowed the college to do major campus refurbishing and other general improvements. Work included rejuvenation of classrooms, the library, the college center, the counseling center, the print shop; doubling the size of the Meyer Center for Business and Commerce; and computerizing the energy control system.

In May 1999, the Spencer Library Media Center opened a 4,200 square-foot addition that houses the Learning Center and Tutoring Center. The \$1,000,000 project included a complete renovation of the existing library.

In April 2002, the Jean Raulston Reading/Writing Lab was relocated to the newly constructed 2600 building, sharing space there with the Pauline Benoit Rice Language Lab.

The Childhood Education Center celebrated its grand opening on October 28, 1991, and the Infant Care Center was built and opened for service in June of 1999.

The Military and Veteran Success Center, which serves both veterans of all ages as well as active duty military, celebrated its grand opening in 2016.

In 2017, in recognition that there are some Imperial Valley College students who are facing food insecurity, the college opened a Food Pantry on campus.

## Campus Redefined

Thanks to the passage of two additional bond measures (in 2004 and 2010), the IVC campus marked its 50th Anniversary in 2012 with a dramatic transformation. The new facilities helped redefine IVC as an institution committed to both sustainability and mobility for future generations.

This milestone was recognized in 2010 when Imperial Valley College received a regional planning award for design, development, and implementation of its campus expansion project.

This award-winning expansion plan included Xeriscape landscaping and people-scaled features that not only altered the aesthetics of this campus but also expanded public transit facilities. Funding came through a variety of sources including the \$58.6 million Measure L bond issue passed in 2004 and the \$80 million Measure J measure approved in 2010.

Transportation improvements were funded in partnership with the U.S. Department of Transportation and the Imperial County Transportation Commission (ICTC).

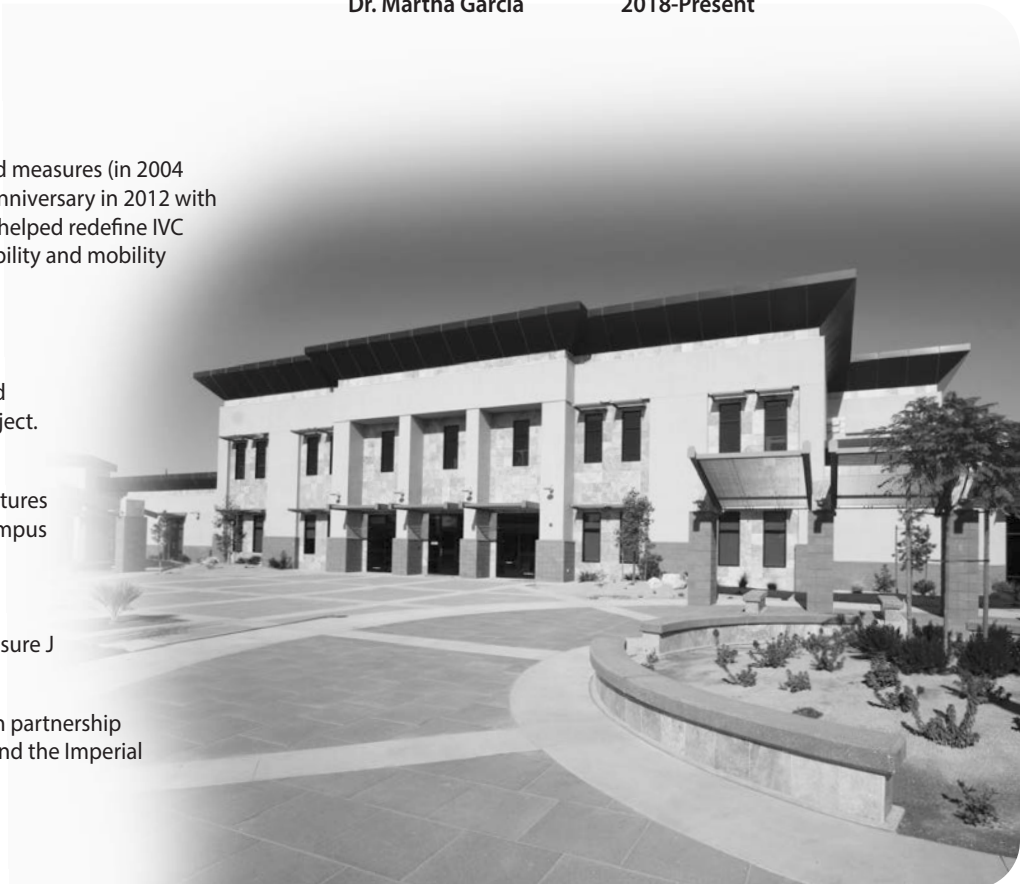
IVC and the ICTC partnered to develop transit centers on campus that have improved the safety and security of transit riders. Other circulation improvements included two additional entrances to the campus.

The most significant building in the Measure L funded expansion was the 2700 building. The 70,000 square-foot, two-story, classroom and laboratory building opened to students in January 2010. This building became the first LEED-certified science building (silver) in Southern California and the first publicly-owned LEED-certified building in Imperial County.

Measure J provided the funding for two new Career Technical Education (CTE) buildings that opened for classes in Fall 2014. These CTE buildings are home to classrooms and sophisticated labs that train our residents for the careers of the future, including alternative energy development as well as law enforcement, emergency medical technician, and automotive technology. The buildings are also built to LEED standards.

The following Superintendent/Presidents have served the District and College since its formation:

<b>Milo P. Johnson</b>	<b>1960-1963</b>
<b>Dr. Terrel Spencer</b>	<b>1963-1978</b>
<b>Dr. Dan Angel</b>	<b>1978-1981</b>
<b>Dr. John A. DePaoli</b>	<b>1981-1995</b>
<b>Dr. Gilbert M. Dominguez</b>	<b>1996-2002</b>
<b>Dr. Paul Pai</b>	<b>2003-2007</b>
<b>Dr. Ed Gould</b>	<b>2008-2011</b>
<b>Dr. Victor M. Jaime</b>	<b>2012-2018</b>
<b>Dr. Martha Garcia</b>	<b>2018-Present</b>





## Strategic Educational Master Plan

The Strategic Educational Master Plan (SEMP) for 2015-2021 was developed by the Strategic Educational Master Plan Committee which includes representatives from all campus constituencies including faculty, classified staff, students, and administration. The SEMP combines the components of the Strategic Plan and the Educational Master Plan into one comprehensive planning document. Developed in collaboration with campus constituencies and including members of the Imperial Community College District Board of Trustees and the Imperial County community through the visioning process and a county wide survey, the plan provides a sense of vision and a guide for multi-year planning. A comprehensive analysis of both internal and external factors influencing future development of the College, and an examination of the present and anticipated development of instructional and support services, as well as technology, facilities, staffing, marketing, and professional development is included in the plan.

This all inclusive framework enabled the college to identify the most critical and campus-wide priorities and strategic goals for the college as follows:

- Student Success
- Teaching and Learning Effectiveness
- Access and Growth
- Community, Economic & Workforce Development
- Organizational Effectiveness

The Strategic Educational Master Plan addresses how the college can best implement planned improvements based on the institutional resources, required and desired timeframes, and final recommendations and strategies, all in line with IVC's mission, vision, and values. Specific objectives were also identified under each of the five goals listed above. The plan may be found on our website at [www.imperial.edu](http://www.imperial.edu).

## College Mission

The mission of Imperial Valley College is to foster excellence in education that challenges students of every background to develop their intellect, character, and abilities; to assist students in achieving their educational and career goals; and to be responsive to the greater community.

## Types of Courses and Programs

In order that Imperial Valley College may achieve its goal of serving all students who desire to learn, a variety of courses are offered. Some equip a student with job entry-level skills, and other courses provide a general education for all students to assist them in living meaningful and productive lives in a complex society. Still other types of courses provide the basis for professional training offered by four year colleges and universities. Regardless of the interests of the students, the first two years of college work normally can be completed at Imperial Valley College. Thus, students have an opportunity to begin their advanced education while still residing at home. Not only can this opportunity be of great financial assistance, but it offers an excellent transition between the high school campus and the large, often impersonal, four-year college campus. The intimate, though scholarly, atmosphere of the college, the opportunity for each student to know instructors personally, and the chance to participate in the counseling program, all offer invaluable opportunities to the student. Not only can the student receive excellent personal assistance with work, but the opportunities for leadership in student affairs are increased.

Through the counseling program, a close scrutiny is given to the courses in which a student enrolls. The student plans ahead, sets up goals and systematically includes those courses of study that will be of the greatest benefit.

Many of the needs of the student who seeks employment at the end of the sophomore year can be met by a variety of occupational courses. In addition to offering a breadth of education, these courses meet specific needs in the shortest possible time to prepare the student for a field of employment.

These courses also offer a well-organized general education program to meet the needs of the individual who has only two years to devote to post-high school education. The community college program also includes courses of study which may be taken by adults who can demonstrate their ability to do college work but who have not had the opportunity to complete high school. Evidence of success in classes of college level will permit these adults to continue their educational endeavors.

Coordinated with the general divisions of courses at the college are programs designed with specific types of students in mind: students who can devote only evenings to school; students who cannot fully participate in regular classes on the main campus; students who can coordinate their college study with a program of employment; the outstanding high school 11th and 12th grade students who can profit by special work at the college level; and students with disabilities.

## Degrees

The Board of Trustees, on recommendation of the Superintendent/President and faculty of the college, is authorized in accordance with Article 12, Section 102, of the State Administrative Code, Title 5, to confer the Associate in Arts (A.A.), the Associate in Science (A.S.), the Associate in Arts for Transfer (A.A.-T), and the Associate in Science for Transfer (A.S.-T) degrees. Conditions under which the degrees are granted are outlined in the section on graduation requirements.

The community college degree is awarded to a student who fulfills a two-year organized program of work, either occupational-vocational-technical or lower-division four-year college. A student who wishes to transfer to the upper division of a four-year college must satisfy the course, unit, and grade requirements of the college he/she wishes to enter.

# Institutional Student Learning Outcomes

The graduates of Imperial Valley College will demonstrate communication skills, critical thinking skills, personal responsibility, information literacy, and global awareness as a result of their educational experience at this institution.

## 1. Communication Skills

**Definition:** Communication is the activity of conveying information through the exchange of ideas and information through speech, visuals, signals/symbols, writing, or behavior. It's the meaningful exchange of information from one person to another. Communication may be intentional or unintentional and may take linguistic or nonlinguistic forms.

**Goal:** Students will develop effective communication skills for diverse situations.

### **Students will be able to:**

- Recognize that communication and expression may be written or oral, verbal or nonverbal, informational or artistic.
- Develop analytical reading, writing, speaking, and listening skills including evaluation, synthesis, and research.
- Create substantially error-free writing using appropriate vocabulary.
- Convey ideas clearly, accurately and logically.
- Recognize cultural differences in communication and nonverbal cues. Speak effectively to deliver focused and coherent presentations.
- Apply interpersonal communication skills to work in a team structure.

## 2. Critical Thinking

**Definition:** Critical thinking is the disciplined process of actively analyzing, synthesizing, and evaluating information gathered from observation, reasoning, and communication, used to draw conclusions and take action.

**Goal:** Students will be able to gather and synthesize relevant information, evaluate alternatives, and implement creative and effective solutions.

### **Students will be able to:**

- Define and analyze problems clearly.
- Think independently, creatively, logically, and effectively.
- Apply appropriate problem-solving methods.
- Analyze and synthesize information from multiple perspectives.
- Identify purpose and bias in communication.
- Identify further problems for study.

## 3. Personal Responsibility

**Definition:** Personal responsibility is the development of one's personal character and skills designing a life that honors values and purpose. It includes recognizing that the choices and obligations we make in life impact us and others mentally, physically, and emotionally. Personal responsibility includes learning how to respond wisely to opportunities and challenges. It can also involve learning how to recognize and correct mistakes; monitor and judge our own actions and motivations; and develop respect for ourselves and others.

**Goal:** Students will become independent learners who understand and demonstrate the lifelong skills necessary for physical, social, economic, mental, and emotional health.

### **Students will be able to:**

- Set clear personal, educational, and career goals. Identify and implement lifestyle choices that promote self-reliance, financial literacy, and physical, mental/emotional, and social health.

- Develop a strong work ethic consciously doing one's very best. This includes the practice of honesty and ethical behavior in the academic environment and effective time management that honors the self and others.
- Recognize and act on the obligation to form one's own judgment and engage diverse perspectives as a resource for learning, citizenship, and work.
- Develop and demonstrate reasoning in ways that incorporates ethics, goals, and priorities.
- Demonstrate intellectual exploration skills to include the use of all available resources.
- Develop and use a clear set of values and an ethical framework in their personal, educational, and professional endeavors.
- Demonstrate an understanding of the diversity of human perspectives, along with the causes and effects of individual decisions and actions.

## 4. Information Literacy

**Definition:** Information literacy is the ability to identify an information need, and locate, analyze, evaluate, and effectively use that information. Information literacy forms the basis for lifelong learning. It is common to all disciplines, to all learning environments, and to all levels of education.

**Goal:** Students will know when information is needed and have the ability to locate, analyze, evaluate, and effectively use it.

### **Students will be able to:**

- Determine the nature and extent of information needed.
- Access print and electronic information technologies.
- Use appropriate search strategies to access information.
- Critically evaluate the accuracy, credibility and relevance of sources and information.
- Coherently, ethically and legally incorporate information into projects and assignments.
- Effectively utilize libraries as a multiplatform information resource.

## 5. Global Awareness

**Definition:** Global awareness is the acknowledgement that we live and work with people with diverse backgrounds. It includes an understanding of how the individual fits within evolving social, cultural, and economic contexts at global, national, and local levels.

**Goal:** Students will define and understand their role and responsibilities as global citizens.

### **Students will be able to:**

- Compare and contrast groups of different backgrounds, beliefs, appearances, and lifestyles.
- Analyze and synthesize cultural products (e.g., art, literature, newspaper articles, and cinema).
- Communicate, interact, and work with individuals from other cultural and ethnic groups.