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. In it you will find the information which you must have to succeed. In it also are those rules and regulations which govern not only the college, but you, the student, as well. It is your obligation to become thoroughly familiar with its contents. It has been prepared with your success in mind!
IMPERIAL VALLEY COLLEGE

ACCREDITED
by
Accrediting Commission for Community and Junior Colleges
Western Association of Schools and Colleges
California State Department of Education
American Welding Society
Commission on Peace Officers Standards and Training
California Board of Registered Nursing
California Board of Vocational Nurse and Psychiatric Examiners

A MEMBER
of
Association of California Community College Administrators
Association of Community College Trustees
California Association of Community Colleges
California Community Colleges Academic Senate
Community College League of California
Hispanic Association of Colleges and Universities
Imperial County School Boards' Association
International Consortium for Educational and Economic Development
San Diego and Imperial Counties Community Colleges Association

APPROVED
for
The Veterans Administration

TABLE OF CONTENTS

COLLEGE CALENDAR ..................................................... 4
PERSONNEL .......................................................... 5
Board of Trustees, Administration ........................................... 5
Division Chairpersons, Directors ........................................... 6
Faculty ........................................................................... 7
Emeritus Faculty ......................................................... 12
GENERAL INFORMATION ................................................ 13
Location, History, Facilities, Library ....................................... 13
Mission and Goals .......................................................... 14
Types of Courses and Programs .......................................... 15
Evening College, External Campus ......................................... 15
Work Experience Program ................................................ 15
Honors Program for High School Students ............................. 16
Disabled Student Programs and Services ............................... 16
Degrees ......................................................................... 16
Scholastic Honors .......................................................... 17
Financial Assistance, Expenses ........................................... 17
Tuition, Refund Policy, Parking Permit, Accreditation ............. 18
Counseling Services, Student Activities ............................... 18
Bookstore, Snack Bar, College Center, Athletics .................... 18
Learning Supportive Services ........................................... 18
Assessment .................................................................... 18
Matriculation Process ..................................................... 19
REGULATIONS ............................................................. 19
Admission, Transcripts ..................................................... 19
Family Educational Rights & Privacy Act ............................... 19
Affirmative Action Policy, Non-discrimination Policy ............ 19
Residence Requirements ................................................... 20
Study List Limitations, Short-Term Classes ......................... 21
Changes in Class Schedules .............................................. 21
Scholarship Grading System .............................................. 21
Semester Grade Report, Student Conduct ............................ 24
Campus Regulations ....................................................... 24
Academic Probation ....................................................... 24
Provisional Status, Petition and Hearing Process ................... 25
Attendance and Automatic Withdrawals ............................... 25
Withdrawal from College ............................................... 25
Academic Dismissal ....................................................... 25
Eligibility and Certification of Veteran Student Applicants ...... 27
Physical Education ......................................................... 27
Changes in the Catalog .................................................... 27
GRADUATION REQUIREMENTS ..................................... 27
CREDIT FOR CORRESPONDENCE AND EXTENSION COURSES .... 30
TRANSFER REQUIREMENTS .......................................... 30
INTERSEGMENTAL GENERAL EDUCATION TRANSFER CURRICULUM .... 31
OCCUPATIONAL CURRICULA ......................................... 32
SPANISH TRANSLATION ............................................ 33
COURSES OF INSTRUCTION ......................................... 46
MAJORS .................................................................. 108
TEACHER PREPARATION ........................................... 123
CERTIFICATE PROGRAMS ............................................ 125
INDEX ...................................................................... 133
## IMPERIAL VALLEY COLLEGE
### 1993 - 1994 SCHOOL CALENDAR

<table>
<thead>
<tr>
<th>Date</th>
<th>Day</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>August</td>
<td>17</td>
<td>Tuesday Faculty Service Day (Orientation)</td>
</tr>
<tr>
<td></td>
<td>18</td>
<td>Wednesday Fall Semester Classes Begin</td>
</tr>
<tr>
<td>September</td>
<td>6</td>
<td>Monday Holiday (Labor Day)</td>
</tr>
<tr>
<td>November</td>
<td>12</td>
<td>Friday Holiday (Veteran's Day)</td>
</tr>
<tr>
<td></td>
<td>25</td>
<td>Thursday Recess (Thanksgiving)</td>
</tr>
<tr>
<td></td>
<td>26</td>
<td>Friday Recess (Thanksgiving)</td>
</tr>
<tr>
<td>December</td>
<td>13</td>
<td>Monday Final Exams Begin</td>
</tr>
<tr>
<td></td>
<td>17</td>
<td>Friday Last Day of Final Exams</td>
</tr>
<tr>
<td></td>
<td>20</td>
<td>Monday Recess (Christmas)</td>
</tr>
<tr>
<td></td>
<td>31</td>
<td>Friday Last Day of Recess (Christmas)</td>
</tr>
<tr>
<td>January</td>
<td>3-7</td>
<td>Monday-Friday Instructional Flex Days</td>
</tr>
<tr>
<td></td>
<td>10</td>
<td>Monday Spring Semester Classes Begin</td>
</tr>
<tr>
<td></td>
<td>17</td>
<td>Monday Holiday (King's Birthday)</td>
</tr>
<tr>
<td>February</td>
<td>11</td>
<td>Friday Holiday (Lincoln's Birthday)</td>
</tr>
<tr>
<td></td>
<td>21</td>
<td>Monday Holiday (Washington's Birthday)</td>
</tr>
<tr>
<td>April</td>
<td>1</td>
<td>Friday Holiday (Good Friday)</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>Monday Recess (Spring)</td>
</tr>
<tr>
<td></td>
<td>8</td>
<td>Friday Last Day of Recess (Spring)</td>
</tr>
<tr>
<td>May</td>
<td>16</td>
<td>Monday Final Exams Begin</td>
</tr>
<tr>
<td></td>
<td>20</td>
<td>Friday Last Day of Final Exams</td>
</tr>
<tr>
<td></td>
<td>21</td>
<td>Saturday Graduation (Faculty Service Day)</td>
</tr>
</tbody>
</table>

## THE BOARD OF TRUSTEES
### IMPERIAL COMMUNITY COLLEGE DISTRICT

- **MR. RUDY CARDENAS, JR.**
  Trustee from area which includes Brawley Union High School District

- **MR. MILTON W. CARR**
  Trustee from area which includes Calipatria Unified School District

- **MRS. CLAUDINE DUFF**
  Trustee from area which includes Central Union High School District

- **MR. JOHN LEMON**
  Trustee from area which includes San Pasqual Unified School District

- **MRS. MARIAN A. LONG**
  Trustee from area which includes Imperial Unified School District

- **MR. E. J. MELLINGER**
  Trustee from area which includes Holtville Unified School District

- **MR. ROBERT NOBLE**
  Trustee from area which includes Calexico Unified School District

## ADMINISTRATION

- **DR. JOHN A. DePA soli, JR.**
  Superintendent/President

- **DR. JAMES D. WALKER**
  Vice President for Academic Services/Deputy Superintendent

- **DR. HECTOR LOPEZ**
  Vice President for Counseling & Student Services

- **MR. WILLIAM SECCHRI T**
  Vice President for Business Services

- **MR. DARRYL CROFT**
  Dean of Vocational-Technical Education

- **MR. RUBEN LOPEZ**
  Dean of External Campus

- **MRS. SANDRA STANDIFORD**
  Dean of Admissions and Student Activities

- **VACANT**
  Dean of Learning Services

- **MR. VICTOR JAIME**
  Director of Financial Assistance and State Programs

- **DR. BETTY MARKS**
  Director of Nursing Education and Health Technologies

- **MR. MEL WENDRICK**
  Director of Disabled Student Programs and Services
DIVISION CHAIRPERSONS

MR. JOSE LOPEZ
Chairperson of Division of Agriculture & Automotive Technology

MRS. MARY KAY BORCHARD
Chairperson of Division of Behavioral Science

MRS. VALERIE RODGERS
Chairperson of Division of Business

DR. FRED FISCHER
Chairperson of Division of English

DR. MAX FIELDS
Chairperson of Division of Health, Physical Education and Recreation

MRS. CAROLYN FORDEN
Chairperson of Division of Humanities

DR. BETTY MARKS
Chairperson of Division of Nursing Education and Health Technologies

MR. JIMMY PENDLEY
Chairperson of Division of Science, Mathematics and Engineering

MR. RICHARD HANN
Chairperson of Division of Social Science

DIRECTORS

DR. BARBARA MACCI
Director of Consumer Education and Family Studies

VACANT
Director of Personnel Services/Affirmative Action Officer

THE FACULTY

ANGELO, GAYLE-JEAN
Assistant Professor, Mathematics
B.A., M.Ed., Northeastern University
M.S., Columbia University

ARAGON, RAUL
Professor, Counseling
B.A., M.S., San Diego State University

ARCHULETA, JOE A.
Professor, Mathematics, Engineering, Physics
B.S., University of Colorado
M.A., San Diego State University

ARTECHI, OLGA
Professor, Counseling
B.A., M.S., San Diego State University

BROPE, FRANCES A.
Professor, Counseling
B.A., M.S., San Diego State University

BILEY, PATTI
Instructor, English
B.A., M.A., Southern Illinois University

BILLINGS, LANELLE
Professor, Business
B.B.A., University of Texas
M.Ed., Southwest Texas State University

BILLINGS, ROBERT
Professor, Physical Education
B.S., University of Texas
M.Ed., Southwest Texas State University

BORCHARD, MARY KAY
Associate Professor, Administration of Justice
Chairperson of Division of Behavioral Science
B.A., San Diego State University
M.S., National University

CAPET, MITIL
Assistant Professor, Art
B.A., Ed.D., University of California, Los Angeles
MFA, Catholic Univ. of America, Washington, D.C.

CARLSON, CHARLOTTE MARYLYNN
Associate Professor, Nursing
B.S.N., University of Connecticut

CERDA, DANIEL
Professor, English
B.A., San Diego State University
M.A., Northern Arizona University

CERDA, ERNESTINE
Professor, English
B.A., San Diego State University
M.A., Northern Arizona University

CHAPPELL, JANE
Assistant Professor, Business
A.B., University of Redlands
M.A., San Diego State University

CONEGTON, PAULA
Instructor, Physical Education
B.S., M.S., University of New Mexico

CRANLEY, RUTH A.
Associate Professor, Counseling
B.S., California State University, Fullerton
M.Ed., University of San Diego

CROFT, DARRYL
Dean of Vocational-Technical Education
B.B.A., M.S., M.B.A., National University

DePAOLI, JOHN A.
Superintendent/President
B.A., M.A., University of California, Los Angeles
Ph.D., United States International University

DEYO, JEFF
Professor, Physical Education
B.A., Mount Marty College
M.S., West Virginia University

DIAZ, DOLORES
Instructor, Counseling
B.A., San Diego State University
M.Ed., University of San Diego

DRURY, DAVE
Instructor, Physical Education
B.S., University of La Verne
M.S., Brigham Young University

ESQUEDA, JESUS
Instructor, Counseling
B.A., M.A., San Diego State University
MONTENEGRO, JEAN  
Professor, English, Physical Education  
B.S., University of Kentucky  
M.A., Northern Arizona University  
M.A., Azusa Pacific University

MORRIS, TERRY  
Professor, Psychology  
B.S., M.S., Indiana University

MUNGUA, ANTONIO  
Assistant Professor, Counseling  
B.S., California State Polytechnic Univ., Pomona  
M.Ed., University of San Diego

NADEAU, NANCY  
Professor, English  
B.A., Florida State University  
M.A., University of California, Los Angeles

NAVE-PINUELAS, NORMA  
Assistant Professor, Counseling  
B.S., M.S., San Diego State University  
M.S., San Diego State University

NUNEZ, NORMA  
Assistant Professor, Counseling  
A.B., M.S., San Diego State University

ORENSZTEIN, ARMAND  
Professor, Mathematics  
B.S., M.S., University of Illinois  
M.A., University of California, Riverside

ORFANOS, STELLA  
Instructor, Counseling  
B.A., University of California, Riverside  
M.A., Point Loma Nazarene College

ORTEGA, ALICIA Q.  
Professor, Spanish/French  
B.A., M.A., San Diego State University

PENDLEY, J. R.  
Professor, Science  
Chairperson of Div. of Science, Math, Engineering  
B.S., M.S., San Diego State University

PERSKE, GERALD K.  
Professor, Science  
B.S., M.S., University of Nevada

PHALEN, SUSAN  
Instructor, EMT Coordinator  
R.N., A.S., Imperial Valley College

POLLOCK, DIEDRE  
Assistant Professor, Nursing  
B.S.N., Consort. of Calif. State Univ. & Colleges

PONCE, GREGORIO  
Instructor, Mathematics  
B.A., M.A., University of California, San Diego

RAULSTON, JEAN  
Professor, English  
B.A., Whitter College  
M.Ed., University of San Diego

RICHWINE, HAROLD J., JR.  
Professor, Science  
B.S., Shippensburg State College  
M.S., Bucknell University

RODGERS, GARY R.  
Associate Professor, Administration of Justice  
A.B., San Diego State University  
M.S., National University

RODGERS, VALERIE  
Assistant Professor, Business  
Chairperson of Division of Business  
B.S., San Diego State University  
M.A., Webster University

ROMERO, YOLANDA  
Instructor, Counseling  
A.B., San Diego State University  
M.A., United States International University

SANTOS, RAFAEL  
Professor, Business  
B.S., Arizona State University  
M.Ed., University of Arizona

SCHNEEWIND, V. JEAN  
Professor, Nursing  
R.N., A.S., Imperial Valley College  
B.A., M.A., San Diego State University  
B.S.N., Consort. of Calif. State Univ. & Colleges

SECHRIST, WILLIAM  
Vice President for Business Services  
B.S., University of Southern California  
M.Ed., University of San Diego

SMITH, MARY MARGARET  
Professor, English  
B.A., University of Northern Colorado  
M.A., San Diego State University

SMITH, MELVIN  
Instructor, DSP&S  
A.B., San Diego State University

STANDIFORD, SANDRA  
Dean of Admissions and Student Activities  
B.A., University of Missouri  
M.S., California State University, Los Angeles

STUART, BARBARA  
Instructor, English  
B.A., M.A., San Diego State University  
Juris Doctor, Western State University, College of Law

SUCZEK, PETER  
Professor, Psychology, Sociology  
B.A., San Jose State University  
M.A., University of California, Santa Barbara

TAYLOR, GLORIA  
Instructor, Master Preschool Teacher  
B.S., San Diego State University

THOMPSON, BLAINE R.  
Professor, Business  
B.S., M.S., University of Utah

VALENTINE, BARBARA H.  
Professor, Early Childhood Education  
B.A., Arizona State University  
M.A., Northern Arizona University

VALENTINE, MARTIN  
Professor, English  
B.A., Arizona State University  
M.Ed., University of Arizona

WALKER, JAMES D.  
Vice President for Academic Services/  
Deputy Superintendent  
B.S., Minot State College  
M.S., North Dakota State University  
Ph.D., United States International University

WASSON, HENRY S.  
Professor, Mathematics, Science  
B.S., University of Nebraska  
M.B.S., University of Colorado

WENDELL, JOSEFINA  
Instructor, English  
B.A., San Diego State University  
M.A., Northern Arizona University

WENDRICK, MARY  
Instructor, English  
B.A., Marywood College  
M.S., Indiana State University

WENDRICK, MEL  
Director of Disabled Student Programs & Services  
B.A., Sacred Heart Seminary  
M.A., University of Michigan  
M.Div., Saint John’s Provincial Seminary

WHITE, RAY A.  
Professor, Automotive Technology  
A.B., California State University, Fresno  
M.A., Conest. of Calif. State Univ. & Colleges

WILHELM, ROBERT  
Professor, Geography, Political Science  
B.S., M.A., Ph.D., St. Louis University

WILLIAMS, RICHARD H.  
Professor, Psychology, English  
B.S., University of Wyoming  
M.A., San Jose State University  
Ph.D., California Institute of Asian Studies

ZIELINSKI, DAVID  
Instructor, English  
A.B., M.A., San Diego State University
THE COLLEGE

LOCATION

The Imperial Valley College is located in Imperial Valley, long recognized as one of the richest, most productive agricultural regions in the country. The mild, delightful winters have made the region attractive to tourism and helped it become an outstanding recreational region.

The campus is located on a 160 acre site at the intersection of Highway 111 and Aten Road. This location is in the heart of Imperial County and is in reasonable commuting distance of all of the cities of the Valley.

HISTORY OF IMPERIAL VALLEY COLLEGE

The Imperial Valley College is an integral part of the public school system of California and functions as a public community college for lower-division college work.

It had its beginning on May 9, 1922, when the Board of Trustees of the Imperial Union High School District established the Imperial County Junior College. This institution formally opened for instruction in September, 1922.

Two years later, in the fall of 1924, the Brawley Union High School District opened classes as the Brawley Junior College.

Enrollments increased in both schools until the war years, when attendance dropped sharply. Brawley Junior College was forced, by lack of attendance, to discontinue classes at the close of the 1947 school year.

The Associate in Arts degree was first conferred by Central Junior College in 1934.

In the fall of 1951, students, in cooperation with the administration and faculty, petitioned the Board of Trustees for a more representative name for the college, for it was now serving students from all of the Imperial Valley. By action of the Board, the name was officially changed to Imperial Valley College.

The school, under the administration of the Central Union High School District, 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 in the diversity of courses and curricula that was offered.

THE extended-day program, which offered regular college courses at night, was initiated on a limited basis in 1952. Its rapid growth served to enlarge the service of the college to the community.

A recommendation that such a county-wide community college district be established in Imperial County was submitted to the State Department of Education and was approved on July 10, 1959. The 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 of twelve to one, the Imperial Valley Junior College District was established. This was followed by the election of the members of the Junior College District Board of Trustees, one of whom comes from each of the seven high school or unified school districts represented in the area served by the Imperial Junior College District.

This District includes all of Imperial County except a small area in the western part of the County, which is a part of the Coachella Valley Community College District.

Because of the increase in enrollment at both Central Union High School and the Imperial Valley College, and because of the lack of space on the campus of the Central Union High School in El Centro, the Imperial Valley College moved to temporary quarters erected on the campus of the Imperial Valley Union High School in Imperial, California.

On October 4, 1969, an all-time state record was set by the people of Imperial County when they voted thirteen to one in favor of bonds to finance the building of a new campus.

The Board of Trustees selected a nationally known architectural firm to plan the new buildings, and a 160 acre site which met the criteria recommended by the Citizens' Committee was selected for the new campus.

On January 13, 1971, the Board of Trustees changed the name of the District to Imperial Community College District in order to further emphasize the close relationship the college has with its respective area.

FACILITIES

On October 29, 1961, an impressive ground-breaking service was held for the new campus. Board members manned giant earth-moving equipment to break ground for the project. The new buildings included a library, science laboratories, fine arts rooms, student activities building, academic classrooms, administration and faculty offices, social science rooms, physical education shower and locker rooms, and agriculture classrooms and shops. The new campus opened in 1962.

A steady growth pattern began in April of 1967 with the addition of the multipurpose building. The building was designed to house sports and theater events, and was comparable to any such community college structure in the State. Three other projects followed which were completed throughout community donations: The Jancy Jackson Memorial Fountain, 1969; the renovation of the Hotchkiss Train Depot, located in theactus garden, 1971; and the Meyer Center for Business and Commerce. The Meyer Center was dedicated February 20, 1972, in commemoration of the 50th anniversary of the Imperial Valley College District. Also renovated the same day was the opening of the archaeological museum on 442 Main Street in El Centro in buildings donated by H. P. Meyer and the new agriculture-welding complex. The museum was later named the Barker Museum, honoring Michael Barker, deceased. Mr. Barker was an IVC architecture instructor.

Other building projects which followed were: Associated Students Activities Building, 1971, the new Library Media Center, 1975, which was later named the Spencer Library Media Center, honoring Terrel Spencer, President Emeritus; the swimming pool complex,
I must be sensitive to minority population, and statistically, it is a low economic sector with Imperial Valley College providing the best opportunity for high quality instruction with open created the opportunity for the institution to become a leader population's needs.

In 1987, the college celebrated its 25th anniversary at its current location by recognition ceremonies and programs related to the signing of the U.S. Constitution two hundred years ago.

A 2.5 million dollar General Obligation Bond for IVC was approved by 71% of the voters in November, 1987. The mission developed by the Bond have allowed the college to do major campus refurbishing and other general improvements such as: Constructing and opening the Health Technologies Building in 1988; more than doubling the number of parking spaces; improving campus lighting; opening an off-campus center in El Centro for the External Campus program; providing a women's softball field; revamping 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.

With the completion of construction for the Childhood Education Center scheduled for 1991, the college is preparing to provide higher educational opportunities for the increasing number of students both on and off campus.

MISSION AND GOALS

The urban isolation experienced by Imperial Valley College has created the opportunity for the institution to become a leader in instituting a wide range of educational programs, services, and innovations.

It is in view of this privileged role, the overriding mission of Imperial Valley College is to serve our community today and in the future. We are both a leader for new ideas and a servant fulfilling the population's needs. Our offerings must reflect community interests and also present new ideas that will be of significance in the years ahead.

To fulfill this mission, we must know our constituency well. It is a unique one with highly diverse interests and educational backgrounds. The area is predominantly agricultural with a large minority population, and increasingly, it is a low economic sector with Imperial Valley College providing the best opportunity for advanced education and training for many of the residents.

As an educational institution, our primary responsibility is to offer high quality instruction with open access to all adults. Through our offerings, Imperial Valley College seeks to enrich the lives of our students, be it vocationally, academically, or vocationally. We must be sensitive to the individual and to his/her needs, with the belief that educated people build a strong community.

Our offerings must extend outside of the classroom. Through counseling, special programs, computer services, and services, Imperial Valley College strives to contribute to the lives of as many citizens of Imperial County as possible.

The goals for Imperial Valley College are as follows:

1. Provide quality teaching that is responsive and sensitive to the individuals served through the integrated efforts of all the staff. The college exists for the benefit of the student and our programs must be relevant to his/her needs.

2. Provide a quality vocational and professional education for students. A major emphasis at Imperial Valley College is to equip the student with marketable skills and to allow members of the work force to upgrade their skills.

3. Develop a well-rounded formal academic program. Imperial Valley College offers an associate degree program comparable to that offered by colleges throughout the United States.

4. Provide enrichment and special interest programs. Education offers a means to expand horizons and grow intellectually and spiritually. These special offerings may form part of a program or be ends in themselves.

5. Provide integrated support services for educational programs and student activities. Successful education is more than time in a classroom; it is an integrated experience.

6. Provide services to the community at large. As a leading provider of tertiary instructional programs, Imperial Valley College recognizes a responsibility to go beyond the campus and the course.

7. Maintain high standards through assessment, development, evaluation, improvement, and accountability. The commitment to excellence is an ongoing process. To fulfill its many responsibilities, our college must be in touch with its community and dedicated to improving its services.

8. Prepare students to make contributions, through knowledge, to the quality of life in the Imperial Valley. Education creates opportunities and makes choices possible. Improvement of self-concept heightens respect for others and for the environment. Ultimately, it builds a solid community, a strong nation, a better world.

9. Diverse offerings that serve the needs of our diverse community, honesty and respect for all involved, dedication to instilling high ideals and standards.

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 will 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 education in the United States 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 ultimate, though scholarly, amorphous 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 that might not be available in an institution where the very size of enrollment makes personal interest in every student more difficult. Not only can the student receive the personal help he needs 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 greatest benefit.

Many of the needs of the students who seek education at the end of the sophomore year can be met by a variety of occupational courses. In addition to offering a breadth of education, they 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 division of courses at the college are five 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 physically limited students.

1. The Evening College

The Evening College, composed of regular college classes that meet at night, offers an opportunity to work for the Associate in Arts degree or Associate in Science degree, to complete regular lower-division work in a four-year program, to make up any high school deficiencies, or simply to take additional classes of interest that will add to general education.

Although evening college programs require more time to complete than the day programs, students find that with adequate planning and the assistance of a counselor, they are able to attain their higher education goals in a surprisingly short time.

2. The External Campus

The External Campus program provides Imperial County residents practical and convenient access to college courses for credit in all communities at approximately 98 locations. The network of centers throughout the district provides daytime and evening classes staffed by part-time faculty, members of the main campus faculty, and one counselor.

The goal of the off-campus program is to offer expanded delivery capability, flexibility, and quality instruction to the 14 communities comprising the Imperial Valley District. The college cafeteria committee helps solve the problem of isolation experienced by Imperial Valley residents.

All courses are scheduled in frequent cycles throughout the year. Each is taught by a specific college, Legal Assistant, Hospital Nursing Assistant, Emergency Medical Technician, Microcomputer Operations, Spanish, ESL classes, Administration of Justice, and Fire Science.
Innovations include special training projects funded by the Private Industry Council for a variety of agencies in the County. Classroom facilities are made available through various agencies, churches, school districts, and San Diego State University, Imperial Valley campus.

3. Cooperative Work Experience

Cooperative Work Experience is a cooperative educational program between Imperial Valley Community College and community employers. The college provides the organization, the coordination of class facilities, and the personnel for the program. The employers provide places to work (work stations) and on-the-job training which has educational value for the students. The units of credit earned may be used to meet the requirements of a certificate or a degree.

4. Attendance of Local High School Students

Local high school students attending the college under the Honors or Vocational programs are restricted to a spectator's role in college student activities, and extracurricular participation is to be confined to the high school. Counseling is available at the college, but every effort will be made to leave this responsibility to the high school counseling staffs.

Students must be authorized for attendance and shall receive appropriate college credit. High school credit for Honors or Vocational classes may be negotiated.

Students must attend high school for the minimum school day.

Admission of 11th & 12th Grade High School Students

The president of any two-year community college may admit to the community college as a special part-time student any 11th or 12th grade high school student whose admission is recommended by the high school principal. A principal of a high school may recommend a high school student as a special part-time student pursuant to rules and regulations which may be adopted by the governing board of the district maintaining the high school. A principal of a high school shall not recommend a number of students who have completed the 11th grade in excess of 5 percent of the total number of students in the high school who have completed the 11th grade immediately prior to the time of recommendation.

The attendance of a student at community college as a special summer session student pursuant to this section shall be credited to the district maintaining the community college for the purposes of allowances and apportionments from the State School Fund and the student shall receive credit for community college courses completed, in the same manner as if a regularly enrolled community college student.

Each special part-time student shall attend high school classes for at least the minimum school day. (E.C. 76001)

5. Disabled Student Programs and Services

The Disabled Student Programs and Services program is designed to provide supportive services to students with physical disabilities, learning disabilities, and health problems. The program provides preferential registration, counseling, class scheduling, tutoring, mobility assistance, interpreting, braille transcribing, adaptive physical education, special parking, and emergency assistance.

6. Imperial Valley College Development Preschool

The preschool is open five days a week from 7:45 a.m. to 3:45 p.m., concurrent with the college calendar. Child care services are available for preschool children 2 to 5 years of age whose parent(s) are IVC students.

DEGREES

The Board of Trustees, on recommendation of the 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.) and the Associate in Science (A.S.) degrees. Conditions under which the degrees are granted are outlined in the section on graduation requirements.

SCHOLASTIC HONORS

Graduation Honors

"With Distinction" is awarded to those graduates who in the course of their entire college work have achieved a grade point average of 3.5 or higher in degree applicable courses.

"With Honors" is granted to those graduates who achieve a grade point average of 3.0 in their college work in degree applicable courses.

President's Honor List

The president of the college gives special recognition to top scholars each semester by publishing a list of students whose grades for the previous semester show a 3.6 average or better in twelve or more units of work.

Alpha Gamma Sigma

Initial Membership: A person may attain initial membership if the person has:

1. Completed 12 units in a maximum of 3 semesters.
2. A cumulative grade point average of 3.25. No units acquired more than 2 years prior to application for initial membership shall be used.

Continuing Membership: An initial member may attain continuing membership by:

1. Achieving for the previous semester not less than 3.25 GPA in courses of recognized college standing,

OR

2. Maintaining a cumulative GPA of 3.25 or better in courses of recognized college standing.

Continuing members will receive one semester's grace for every semester of earning continuing membership. If the continuing member's GPA falls below 3.25 but remains above 2.5 (either per semester or cumulative), he/she may apply one semester's grace earned to maintain continuing membership for the semester the earned GPA would apply. There shall be no two consecutive grace periods.

Permanently Member: Any person who has completed a minimum of 60 units of recognized college courses with a minimum of 30 units completed at a community college who applies for permanent membership and who meets either of the following requirements:

1. A person who has maintained a cumulative grade point average of 3.5 or above in all recognized college work.

2. Any continuing member who has maintained a cumulative GPA of 3.25 or better in all recognized college work and has been a member of AGS, Inc., for a minimum of two semesters.

Any courses completed two years prior to application for permanent membership, whether at a community college or other institution of higher education, shall not be used to prohibit any person from becoming a permanent member.

FINANCIAL ASSISTANCE

Imperial Valley College believes that no student who has the ability to profit from instruction should be denied an education due to a lack of financial means.

There are several types of aid available to needy, deserving students each year. This assistance is made available by the college district, the state and federal governments, civic groups, and individual citizens.

The college participates in available federal financial aid programs.

In addition to the federal programs, there is aid available from the state and the local district in the form of scholarships, work study grants, and loans.

Further information regarding financial assistance may be secured from the Financial Assistance Office located in the Counseling Center.

EXPENSES

All Fees and Tuition are due and payable at the time of registration. Registrations in courses WILL NOT be finalized until the college has received full payment.

FEES

Enrollment Fee (Subject to Change) $13.00 per unit

Students with Bachelor's Degree or Higher $50.00 per unit

Parking Fee

First vehicle $15.00

(after late registration) $20.00

Each additional vehicle $15.00

NOTE: Students enrolled solely in off-campus classes are not required to pay the parking fee.

EXPLANATION OF FEES

The Enrollment Fee mandated by the California State Legislature, with the approval of the Governor, requires all California Community Colleges to charge students an Enrollment Fee each semester. The legislature has also provided for financial assistance and fee waivers for low income students who cannot afford to pay this fee and who qualify according to State guidelines. Information for financial assistance and fee waivers can be obtained from the Financial Assistance Office.

The Parking Fee provides administrative and operating funds for parking and transportation-related facilities.
Tuition
Nonresident and international students are required to pay tuition charges of $102.00 per unit in addition to the fees outlined above.

The college will accept payment from nonresident and international students in cash, Western Union money orders, traveler’s checks, and bank drafts. Personal checks may not be accepted. Payment of nonresident and international student tuition cannot be deferred.

Other Fees/Charges
Nonresident Funds Check Charge
There will be a charge of $10.00 for checks returned to the college because of insufficient funds.

Refund Policy
Upon completion of refund request form, reimbursement in full will be made for the following:

1. Fee or tuition collected in error
2. Fee or tuition for a discontinued class

A student refund request form must be completed and filed prior to the close of late registration in order to receive reimbursement for the following:

1. Enrollment Fee
2. Parking Fee
3. Tuition

Parking Permit
All vehicles parked on campus must have a valid parking permit.

If you will be bringing a vehicle to campus, please complete the vehicle registration form available in the registration packet.

Accreditation
The college is officially accredited by the Accrediting Commission for Junior Colleges, Western Association of Schools and Colleges, American Welding Society, the State Department of Education, and the Commission on Professional Standards and Training. Accreditation reports are available and may be reviewed at the office of the President. The University of California and other colleges and universities give full credit for transfer courses completed here.

Counseling and Guidance Services
It is the aim of Imperial Valley College to provide all students with pertinent information which they will need in the formulation of their goals and objectives and to assist them in making the most of their potentialities and training. Counseling is made available by professional counselors, well-skilled and trained in the areas of academic, vocational, and personal counseling. The Counseling Center is open between the hours of 8:00 a.m. and 5:00 p.m., Monday through Thursday, and 8:00 a.m. and 3:00 p.m. on Friday, during the school year. A Career Center is located in the Counseling Center and provides extensive vocational and career information.

Although counselors assist in long-range planning and in checking specific requirements, the RESPONSIBILITY FOR MEETING GRADUATION REQUIREMENTS OR REQUIREMENTS FOR TRANSFER TO OTHER COLLEGES OR UNIVERSITIES MUST BE ASSUMED BY EACH STUDENT. In the Counseling Center, students have access to a reference library of catalogs from various colleges and universities.

Student Activities
Student affairs are governed by the Associated Students of Imperial Valley College.

Those students who are socially inclined will find an opportunity for the development of their interests in clubs and the social affairs of the year. Others who are interested in athletics will benefit from a variety of intercollegiate and intramural sports which are those who are interested in music, public relations, or student government will find many opportunities for participation in these activities.

Bookstore and College Center
The college bookstore is maintained by the district through a lease arrangement with a private company. All college textbooks and necessary supplies are available. The College Center Building contains a snack and coffee bar that provides refreshments and meals for the students.

Athletics
Intercollegiate competition is held in a variety of sports. IVC competes in the Pacific Coast Conference. The Pacific Coast Conference includes Orange Coast, Fullerton, Long Beach, Orange Coast, City, San Diego Mesa, and Southwestern Colleges.

Learning Supportive Services
Learning supportive services are designed to provide extensive programs for remediation and enrichment and to offer courses designed for the student to gain mastery of study skills and learning techniques. Tutorial assistance services are also available in the Learning Supportive Services Center, and the Imperial Valley College Tutors Club provides many academic enrichment activities for students interested in tutors. In addition, bilingual services exist for students with limited English-speaking ability and who desire academic assistance in bilingual interpretation in their courses.

The Learning Supportive Services Center houses a variety of audiovisual equipment and media. It has an extensive inventory of slides, tapes, filmstrips, records, mixed-media kits, and other instructional learning materials which supplement the broad subject range of courses offered on this campus. An extensive videotape library has been developed which provides students with an opportunity to view educationally relevant television broadcasts and motion pictures.

Assessment
It is the policy of Imperial Valley College that new students seeking to enroll in their first semester of writing, reading, and/or math classes be assessed. Assessment includes basic skills testing, needs analysis, evaluation of past performance, aptitudes, goals, learning and study skills, and motivation. Students may be exempt from the basic skills testing portion of assessment if they enroll in entry level classes for which there are no prerequisites, or if they submit scores from recently taken tests which articulate with those used by Imperial Valley College. No portion of the assessment process used to exclude students from admission to the college and all placement based on such assessment is strictly advisory.

Matriculation Process
Matriculation is a process that promotes and sustains the efforts of community college students to achieve their educational goals through a coordinated program of instruction and the use of appropriate college progressions and services. Enrollment at IVC constitutes an agreement in which the college is responsible for:

- Helping students to succeed in their college careers.
- Assisting students in making decisions based on accurate information.
- Offering services and resources for proper course selection.
- Providing an opportunity to develop a Student Educational Plan.

Students are responsible for:

- Selecting an educational goal or major by the semester following the completion of 15 semester units.
- Registering for classes.
- Attending class regularly.
- Taking class seriously.
- Meeting with a counselor to develop a Student Educational Plan.
- Requesting additional services when needed.
- Completing their educational goal.

The college may suspend or terminate services to any student who fails to fulfill his/her responsibilities. However, the college may never suspend or terminate any service for which a student is otherwise entitled under any other provision or law. In addition, students may challenge any matriculation requirement or regulation using the student petition process.

Regulations
Admission
Admission to Imperial Valley College is governed by the laws of the State and such supplementary regulations as prescribed by the Board of Trustees. Students who register for eight or more units of work in a given semester or upon an accumulation of eight or more units are requested to (1) ensure that an official transcript of all previous work is on file in the Registration Office; and (2) complete the college placement tests (unless they have completed regular college courses in both English and mathematics).

All students are admitted under one of the following classifications:

1. High school graduates or equivalent certificates (General Educational Development or California High School Proficiency Examination)
2. Nonresident of high school who are eighteen years of age.
3. High school students who are recommended by the high school principal for one to nine units of work. (Must submit a Concurrent Enrollment Form.) Extracurricular participation is to be confined to the high school. These students must attend high school for the minimum school day.
4. College transfers who submit official transcripts (high school and college) may be granted advanced standing.
5. Prospective foreign students and students from other states may be accepted for enrollment. A tuition fee will be charged. Contact the Registration Office for current costs.

Transcripts
Imperial Valley College furnishes two free transcripts. Thereafter, a fee of $2.00 is charged for each additional transcript. Requests for transcripts will not be honored until all outstanding obligations to the College are met. Fax transcripts will cost $12.00 each and will be unofficial.

Family Educational Rights and Privacy Act of 1974
All educational records of students who enroll at Imperial Valley College are kept in accordance with the provisions of the Family Educational Rights and Privacy Act of 1974.

The following information will be available in the Admissions and Counseling offices on each enrolled student: name, address, telephone, birthdate, registration number, list of classes and section numbers, instructors, units, room numbers, hours in which the student is enrolled, dates of attendance, enrollment date and completion/withdrawal date, activities participated in, and degrees awarded. Any student who does not wish his/her name included on this listing must file a petition requesting deletion from the list before the opening of the school term.

For additional information or a copy of the entire law, contact the Registration Office in the Administration Building.

Affirmative Action Policy
The District adopted an Affirmative Action Plan in 1973. The Plan was revised in 1979, 1981, 1985 and in 1990. The establishment and development of the Plan demonstrates the District’s commitment to affirmative action and equal employment opportunities for all employees and prospective employees. The Plan is available in the Spencer Library Media Center, the Superintendent’s office, and the Affirmative Action Officer’s office.

Non-Discrimination Policy
Imperial Valley College does not discriminate in the admission nor in the offering of programs and activities because of race, color, religion, age, marital status, national origin, sex, or handicap.

Limited English speaking students who are otherwise eligible, will not be excluded from any vocational education program.
The coordinator for Imperial Valley College's compliance with Section 504 of the Rehabilitation Act of 1973 is Melvin Wendrick, P.O. Box 158, Imperial, CA 92251, (619) 355-4174. The Title IX officer for Imperial Valley College is Jan Magno, P.O. Box 158, Imperial, CA 92251, (619) 352-8200, Ext. 257.

**RESIDENCE REQUIREMENTS**

Under the Education Code, the general rule is that a student must pay nonresident tuition unless the student qualifies as a resident student or meet the requirements of certain special provisions. Since the concept of residence involves subjective intent, this catalog cannot anticipate every question that will arise in connection with determining whether such intent exists.

Each person enrolled in or applying for admission to a California Community College is, for the purposes of admission and tuition, classified as a "resident" or a "nonresident". Students classified as a "resident" will be admitted without payment of nonresident tuition. Students classified as "nonresident" will be required to pay tuition in an amount set by the Governing Board.

1. A "resident" is a person who has resided within California for at least one year and a day prior to the term of enrollment.

2. A "nonresident" is a person who does not have residence in California for more than one year and a day prior to the term of enrollment.

The "Residence Determination Date" shall be that date immediately preceding the first day of class either semester or summer term.

Residency requires physical presence in California with an intent to make one's home here.

To determine a person's place of residence, reference is made to the following:

1. Every person who is married or 18 years of age, or older, and under no legal disability to do so, may establish residence.

2. There can be only one residence.

3. The residence can be changed only by the union of act and intent.

4. The residence of the parent with whom an unmarried minor child resides and the student can qualify as a resident student or meet the requirements of certain special provisions.

5. The residence of an unmarried minor, who has a parent living, cannot be changed by either's own act, by the appointment of a legal guardian, or by relinquishment of a parent's right of control, unless the student qualifies for the self-supporting exception.

Exceptions to the determination of residency as set forth above may be applied to certain factual situations. If students would otherwise be classified as nonresidents, but fit within one of the following exceptions, they may be granted resident classification until they obtain such classification.

1. Minors who remain in California after their parents have moved from the state, as long as the parents had been residents of California prior to the resident determination date.

2. Minors who have been self-supporting and in California for one year preceding the day before the term, will be granted resident classification.

3. Students who have not been adults for more than one year prior to the resident determination date, may add their pre-18-years-of-age residence to their post-18-years-of-age residence to obtain the durational requirements.

4. A child or a spouse of a member of the armed forces stationed in California will be granted resident classification. A person who is a member of the armed forces not assigned to California, for purposes of education, may be entitled to resident classification for a period of one year. During that year, the person must establish permanent California residence or the individual will be subject to nonresident classification for any subsequent enrollment.

5. Adult aliens not precluded from establishing domicile in the United States by the Immigration and Nationality Act should be eligible to establish residency if they meet the requirements for physical presence and intent to make California their home.

Aliens who hold the following classifications are to be able to establish residence using the same criteria as would be applied when evaluating any United States citizen:

a. Career Diplomat Visa

b. Friendly Visa

6. A student holding a valid credential authorizing service in a public school and employed in a certificated position by a community college district will be given resident classification.

7. A student who is an apprentice within the meaning of Section 3077 of the Labor Code, is entitled to resident classification.

8. A student who is a full-time employee of a California institution of public higher education, or whose parent or spouse is a full-time employee, may be granted resident classification at the option of the institution of enrollment.

9. A student may be classified as a district resident if he/she:

a. Lives with a parent who earns a livelihood primarily by performing agricultural labor for hire in California and other states, and the parent has performed such labor in this state for at least two months per year in each of the preceding two years; the parent lives within the district which maintains the community college attended by the student; the parent claims the student as a personal dependent on higher state or federal income tax returns, if he/she has sufficient income to have a personal income tax liability.

10. A student may be classified as a district resident if he/she:

a. Earns a livelihood primarily by performing agricultural labor for hire in California and other states, and he/she has performed such labor in this state for at least two months per year in each of the two preceding years.

No other factor is decisive; however, the institution may look for certain objective manifestations of subjective intent on the part of the student asserting that residence status has been established, or has been maintained in spite of an absence from the state.

Examples of evidence that the college admissions officer is identifying that intent, but which are not individually decisive, are possession of a document of California origin such as a driver's license, a current utility bill, a receipt for registration to vote, a current lease, rental agreement, or rent receipt showing the student's name and address and place of residence, a library card, last year's state and federal income tax information, a current charge account or credit, or a checkbook.

The burden is on the student to demonstrate clearly both physical presence in California and intent to establish California residence.

11. A student who is currently enrolled in another school or college (including correspondence school or independent study) must report his/her student's name and address and place of residence, a library card, and a checkbook.

The total number of units that a student would be admitted without payment of nonresident tuition unless the student can qualify as a resident student or meet the requirements of certain special provisions.

12. A student who is an apprentice within the meaning of Section 3077 of the Labor Code, is entitled to resident classification.

**SHORT-TERM CLASSES**

Enrollment procedures for short-term classes are the same as for regular classes. However, listed below are items which pertain to short-term classes only and should be noted:

1. Students may enroll in short-term classes up to one-fifth of the way through the class.

2. The last day to drop a short-term class with a "W" grade is three-fifths of the way through the class.

3. Fees may be refunded up to one-fifth of the way through the class.

4. Units and grades for the student will be recognized for the semester in which the class ends. Thus, if the class begins during the fall semester, crosses over and ends in the spring semester, the units and grades will be recorded for the spring semester.

**CHANGES IN CLASS SCHEDULES**

When registering, it is expected that a student's registration schedule shall not be completed on a trial basis; therefore, students are expected at the time they file their registration, to make no further change. If a change must be made, students may add classes within a designated period at the beginning of each semester. Changes will be made by obtaining an add card and approval of the instructor and then filing with the Registration Office.

**SCHOLARSHIP GRADING SYSTEM**

Grades are based upon the quality of work done; that is, upon actual accomplishment in courses offered for credit. Grades showing the standing of students are issued at the end of each semester.

An overall grade point average of 2.0 (C) or higher must be earned in all work undertaken.

1. GRADES

A Superior

B Better Than Average

C Average

D Below Average

F Failing

I Incomplete

An incomplete grade may be negotiated for UNFINISHED WORK, OTHERWISE PASSING indicating that (because of medical or other sufficient reason) an important assignment such as a term paper, final examination, or experiment is missing.

An incomplete (I) grade, which is not made up by the end of the sixth week of the next regular semester, shall be converted to a letter grade. The letter grade shall be used in computing grade point average.

2. CREDIT GRADE

Certain courses designated by the appropriate divisions may be taken for a Cr grade. Students must declare their intentions to the instructor by the sixth week of the semester.
a. Cr will reflect a letter grade of C or higher.

b. NC will reflect incompletion of a credit class.

c. Grading will be on the hour system, that is, on a scale of 1 to 4, inclusive.

d. Students applying for Cr must adhere to the same class standards or regulations as a student receiving a regular grade.

e. A maximum of 16 units taken on a credit basis may be applied toward a degree.

f. The Cr grade will satisfy completion of prerequisites for sequence class.

4. PROPICIENCY ENROLLMENT

Once a student has completed a proficiency in a subject area with a satisfactory grade, he/she may not take a lower proficiency level in that subject area. For example: A student cannot enroll in English 2B after having successfully completed English 1A. (This does not apply to vocational refresher courses.)

5. REPEATED CLASSES

Procedure for Repeated Classes:

a. A student wishing to repeat a class in which a grade of D or F was received must complete a REPEATED CLASS CARD. This card must be returned to the Registrar’s Office prior to the completion of the repeated class.

b. Under special circumstances, a student may repeat a course for which a grade of C or better has been recorded. Repetition of these courses is permitted through the Student Petition process. Grades awarded for courses repeated under this provision shall not be counted in calculating a student grade point average.

6. GRADE POINTS

Grade points, per semester unit, are assigned as follows:

A - 4 grade points per unit
B - 3 grade points per unit
C - 2 grade points per unit
D - 1 grade point per unit
F - 0 grade points per unit

Grades and the number of units earned will be calculated for the student's major field of study. If a grade is not charged against the student, it will be considered as a grade of W.

7. CREDIT BY EXAMINATION

An enrolled student may petition to take an examination in lieu of course work taken before entering Imperial Valley College or after entering Imperial Valley College. The exam will be on the hour system, and the student will be allowed to retake the exam only once. If the student earns a grade of C or better, the student will be credited with the equivalent of one semester unit.

8. CREDIT FOR ADVANCED PLACEMENT EXAMINATIONS

Imperial Valley College grants credit toward an associate degree for successful completion of examinations of the Advanced Placement Program of the College Board. Students who present scores of three or better will be granted three to ten semester units of college credit per area of examination.

High school students who intend to participate in this program should make the necessary arrangements with their high school and should indicate at the time they take the Advanced Placement Examinations that their test scores be sent to Imperial Valley College. To obtain credit and advanced placement, the student must complete the Imperial Valley College Admission Office or see an Imperial Valley College counselor.

The Advanced Placement Credit table on this page indicates the units granted for the score attained and the course equivalents for each of the examinations offered.

<table>
<thead>
<tr>
<th>Advanced Placement Credit</th>
<th>Cr All</th>
<th>IVC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Exam</td>
<td>Score</td>
<td>Tow. Degree</td>
</tr>
<tr>
<td>Art History</td>
<td>3,4,5</td>
<td>6 sem units</td>
</tr>
<tr>
<td>Art Studio General</td>
<td>3,4,5</td>
<td>6 sem units</td>
</tr>
<tr>
<td>Drawing</td>
<td>3,4,5</td>
<td>6 sem units</td>
</tr>
<tr>
<td>Gen &amp; Drawing</td>
<td>3,4,5</td>
<td>12 sem units</td>
</tr>
<tr>
<td>Biology</td>
<td>3,4</td>
<td>10 sem units</td>
</tr>
<tr>
<td>Computer Science Economics</td>
<td>3,4,5</td>
<td>6 sem units</td>
</tr>
<tr>
<td>Macro</td>
<td>3,4,5</td>
<td>3 sem units</td>
</tr>
<tr>
<td>Micro</td>
<td>3,4,5</td>
<td>3 sem units</td>
</tr>
<tr>
<td>English</td>
<td>3,4,5</td>
<td>3 sem units</td>
</tr>
<tr>
<td>Lang &amp; Comp</td>
<td>3,4,5</td>
<td>6 sem units</td>
</tr>
<tr>
<td>Comp &amp; Lit</td>
<td>3,4,5</td>
<td>6 sem units</td>
</tr>
<tr>
<td>French Language History</td>
<td>3,4,5</td>
<td>8 sem units</td>
</tr>
<tr>
<td>American History</td>
<td>3,4,5</td>
<td>6 sem units</td>
</tr>
<tr>
<td>Mathematics</td>
<td>3,4,5</td>
<td>6 sem units</td>
</tr>
</tbody>
</table>

Conditions:

1. Credit may not be earned at Imperial Valley College for courses which duplicate credit already allowed for Advanced Placement Examinations as listed under Imperial Valley College Course Equivalents.

2. Credit may be petitioned only when the student has registered and enrolled in classes.

3. Credit granted by Imperial Valley College will be posted on the student’s permanent record.

4. Although Imperial Valley College grants credit for Advanced Placement Examinations there is no guarantee that the course will be accepted for transfer.

9. COLLEGE CREDIT FOR REGIONAL OCCUPATIONAL PROGRAM COURSES

Policy:

Imperial Valley College grants credit toward the associate degree for completion of specific Regional Occupational Program (ROP) courses which have been articulated with Imperial Valley College courses. IVC credit is granted for those courses only when:

1. The ROP course has been completed with at least a "B" grade.

2. The ROP instructor has recommended the student.

3. The higher level course is completed at IVC with at least a “C” grade for a Business Office Technology or a Nursing course and at least a “B” grade for an Administration of Justice course.

Students who intend to participate in this program should follow the procedure listed below.

Procedure:

1. The student must be currently enrolled at Imperial Valley College.

2. The student must file an official ROP Certificate which will include course grade and ROP instructor recommendation with the Registrar at Imperial Valley College.
3. After the higher level course is completed at IVC with the required grade, the student must petition to receive credit for the articulated course. An IVC counselor must sign the petition and attach a copy of the ROP Certificate and IVC transcript to the petition.

Articulated Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Degree/Job Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>IVC Course</td>
<td>Reg Occup Program*</td>
</tr>
<tr>
<td>(completed after Jan. 93)</td>
<td></td>
</tr>
<tr>
<td>A1 32 Police Field Oper</td>
<td>Law Enforcement</td>
</tr>
<tr>
<td>A1 34 Criminal Invest</td>
<td>Law Enforcement</td>
</tr>
<tr>
<td>Bus 29A Word Proc 1</td>
<td>Automated Office/Word Proc</td>
</tr>
<tr>
<td>CIS 30A/Word Proc: WP 1</td>
<td>Automated Office/Word Proc</td>
</tr>
<tr>
<td>CIS 35A/Spread: Lotus 123</td>
<td>Automated Office/Word Proc</td>
</tr>
<tr>
<td>Bus 20 Beg Keyboarding</td>
<td>Community Office</td>
</tr>
<tr>
<td>CIS 30A/Word Proc: WP 1</td>
<td>Automated Office/Word Proc</td>
</tr>
<tr>
<td>NS 1A Intro to Pat Care I</td>
<td>Health Assistant</td>
</tr>
</tbody>
</table>

*Articulation agreements will be reviewed annually.

The student will receive credit for the IVC articulated course listed by completing the higher level Business Office Technology or Nursing course with at least a "C" grade or higher level Administration of Justice course with at least a "B". These courses are:

Articulated Course

<table>
<thead>
<tr>
<th>Course</th>
<th>Degree/Job Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>A1 32 Police Field Oper</td>
<td>Law Enforcement</td>
</tr>
<tr>
<td>A1 34 Criminal Invest</td>
<td>Law Enforcement</td>
</tr>
<tr>
<td>Bus 29A Word Proc 2</td>
<td>Automated Office/Word Proc</td>
</tr>
<tr>
<td>CIS 30A/Word Proc: WP 1</td>
<td>Automated Office/Word Proc</td>
</tr>
<tr>
<td>CIS 35A/Spread: Lotus 123</td>
<td>Automated Office/Word Proc</td>
</tr>
<tr>
<td>Bus 20 Beg Keyboarding</td>
<td>Community Office</td>
</tr>
<tr>
<td>NS 1A Intro to Pat Care I</td>
<td>Health Assistant</td>
</tr>
</tbody>
</table>

10. ADVANCED PLACEMENT - NURSING

Students with previous nursing education and/or work experience may be eligible for advanced placement in the nursing curriculum. Credit may be granted for previous general education courses taken within five years. General education courses taken longer than five years ago will be evaluated on an individual basis. Evaluation of all previous academic and work experience is done on an individual basis by the nursing faculty. Details are available in the nursing office.

11. MILITARY CREDIT

A Guide to the Evaluation of Educational Experiences in the Armed Services, American Council on Education is used to evaluate military school credit.

a. Presentation of the DD214 (minimum of 180 days active duty to include basic training) to the Veterans Assistant may allow the veteran 4 units of credit for basic training in the military service of the United States of America (2 units for physical education and 2 units for health education).

b. Additional military credit will be considered by petition and presentation of proper documentation.

c. Total number of units of military credit is not to exceed 16.

12. CREDIT FOR UPPER DIVISION COURSE WORK

Upper division credit may not be applied toward an Associate Degree. The only exception is the credit received for an upper division course which is also offered as a lower division course.

13. ACADEMIC RENEWAL

A policy to exclude substandard grades without repeating classes. A student may petition for Academic Renewal only once after a five year lapse of time and after completing 12 units with a 2.0 grade point average or higher.

Either substandard grades (D's or F's) or an entire semester may be excluded. A maximum of two semesters or 30 units may be disregarded. A counselor must be consulted to petition for Academic Renewal. Once Academic Renewal has been done, it may not be reinstated.

SEMESTER GRADE REPORTS

An end-of-the-semester grade report will be issued to the student by the Registration Office.

STUDENT CONDUCT

It is assumed that the entry of a student into Imperial Valley College constitutes the student's acceptance of the Standards of Student Conduct and the regulations published by the college. The Standards may be found in the Handbook for Faculty Advisors and Student Leaders, which is available in the Office of Student Life and Community Services.

CAMPUS REGULATIONS

A speed of 10 mph on campus must be strictly observed.

Smoking is prohibited in all buildings at Imperial Valley College.

No nonsmokers, self-propelled and/or any motor driven means of movement, other than wheelchairs, are prohibited from using campus sidewalks and playing courts.

ACADEMIC PROBATION

Academic Probation is a system of monitoring student progress in order to identify students who are experiencing difficulty in making satisfactory progress toward an appropriate educational objective, and providing special assistance to students in reemphasizing their educational objectives and guiding them to accomplish these goals. Students who are placed on probation will be identified by name as early as possible at the termination of each semester and will be referred to the Counseling Center.

There are two types of Academic Probation:

Scholastic Probation

Any student who completes six or more units in any semester and earns less than a 2.00 grade point average will be placed on Scholastic Probation. A student will remain on Scholastic Probation until the student's grade point average is 2.00 or better.

Lack-of-Progress Probation

At the end of each semester, any student who has accumulated a recorded enrollment of 12 or more units may not receive more than 50 percent of those units with academic grades (W, NC) and will be placed on Lack-of-Progress Probation until the completed units are 50 percent or more of the student's recorded enrollment.

PROVISIONAL STATUS

A newly enrolled freshman who is enrolled in more than six units and who falls into one of the categories listed below shall be admitted on provisional status:

1. Grade point average in the last three years of high school was less than 2.0 grade C on a five-point scale with zero for an F grade excluding only physical education and military science.

2. Student is not a high school graduate.

3. Grievance Procedure

Students and campus organizations are requested to summarize their concerns or issues in writing and submit them to the Registrar who is designated coordinator of the hearing procedures.

ATTENDANCE AND AUTOMATIC WITHDRAWALS

A student who fails to attend the first meeting of a class will be dropped by the instructor immediately following that class. Should remission be desired, the student's status will be the same as that of any other student who desires to add a class.

Regular attendance in all classes is expected of all students enrolled. Instructors are expected to take a student's attendance record into account in computing grades. A student may be excluded from further attendance in a class during any semester when absence after the close of registration have exceeded the number of class hours which the student meets in classes. Further, an instructor may drop any student judged to be a disturbing element in the class.

A student who is tardy three times may be considered as having been absent once. Absences attributed to the representation of the college at officially approved conferences and contests and attendance upon field trips will not be counted as absences.

VOLUNTARY WITHDRAWAL

A student who is required to withdraw from college because of unsatisfactory circumstances must contact the Registration Office for procedures to be followed. (See "Withdrawal grades")

ACADEMIC DISMISSAL

Academic Dismissal is a system of forced interruption in attendance at Imperial Valley College in those instances where a student is unable to maintain satisfactory progress in achieving academic programs within the limit of available resources of the college.

Students are subject to the following two types of academic dismissal:

Scholastic Dismissal

Scholastic Dismissal occurs at the end of the Spring semester when a student has previously been placed on Scholastic Probation, and the student is not satisfied with the resolution, a request may be made to the Registrar for a hearing before the appropriate committee.
Lack-of-Progress Dismissal

Lack-of-Progress Dismissal occurs at the end of the Spring semester when a student has previously been placed on Lack-of-Progress Probation, and has 50% or more of recorded enrollment of "W", "T", or "NC" in the last three consecutive semesters of enrollment. The dismissed student will not be allowed to enroll during the next semester or the current summer session (except by special approval upon petition to the Admissions, Registration and Petition's Committee).

ELIGIBILITY AND CERTIFICATION OF VETERAN STUDENT APPLICANTS

Imperial Valley College (IVC) is an accredited institution of postsecondary education. It has the approval to offer eligible veterans and their dependents military service connected benefit programs leading to an Associate Degree or transfer to a four-year institution. The Veterans Assistant, located in the Counseling Center, provides guidance and assistance to veterans and their eligible dependents in establishing their eligibility for student educational benefits.

The educational assistance program provided to eligible veterans and/or their dependents, is largely dependent on when the veteran served on active duty. The Department of Veterans Affairs (DVA) administers the educational programs for which eligibility may vary from one to another. Generally, only the DVA can determine an applicant’s eligibility for educational assistance. In some instances, the specific military branch of service makes the eligibility determination.

The final responsibility for monitoring the process of qualifying for educational benefits rests with the individual applicant. Each applicant must read, understand, and comply with the many rules, regulations, and procedures that influence the benefit process.

FAIUIE TO TAKE THE PROPER CLASSES CAN RESULT IN THE REDUCTION OR TERMINATION OF BENEFITS.

All persons receiving educational benefits must personally contact the Veterans Assistant's Office after enrollment every semester to continue their benefits. In addition, a Student Educational Plan (SEP) must be on file by the end of the first semester. This plan must be developed and reviewed by an academic counselor. The purpose of the SEP is to help you list all prerequisites and courses required for your degree, including general education and proficiency courses. The DVA will not approve payments for any additional courses that are not in compliance with its educational assistance programs.

Military Credit

A Guide to the Evaluation of Educational Experiences in the Armed Services, American Council on Education is used to evaluate military school credit.

A. Presentation of the DD214 (minimum of 180 days active duty to include basic training) to the Veterans Assistant may allow the veteran 4 units of credit for basic training in the military service of the United States of America (2 units for physical education and 2 units for health education).

B. Additional military credit will be considered by petition and presentation of proper documentation.

C. Total number of units of military credit is not to exceed 16.

Veterans/Dependent Student Lack-of-Scholastic Progress

Students will not be certified for enrollment if placed on Scholastic or Lack-of-Progress Dismissal status. If you have previously been placed on Scholastic Probation and have a cumulative grade point average of 1.75 or less in the last three consecutive semesters of enrollment and are eligible for certification of Veteran Benefits, you will be dismissed at the end of each semester as a veteran student (lose veteran certification) as required under Veterans Administration approved criteria regulations.

Disabled Veterans

Veterans who qualify for educational benefits as disabled veterans may be entitled to special educational benefits. Veterans should visit the DVA Regional Office, 2022 Camino del Río North, San Diego, CA 92108 to determine their eligibility for disabled status.

DVA Service Connected Disability Benefits Programs

Veterans with disabilities are encouraged to investigate services offered through Disabled Students Programs and Services.

Veterans' Dependents - War Orphans

Students who are children or widows of veterans who died as a result of military service or are dependents of veterans who were totally disabled as a result of war service (or peacetime military service since September 16, 1940) may be eligible for assistance from the Veterans Administration or the state of California. Inquiries regarding these benefits should be made through the DVA Regional Office at 2022 Camino del Río North, San Diego, CA 92108.

Student's Liability

The veterans/dependent student assumes full liability for any overpayment of veterans educational allowance benefits.

Tutorial Services

Tutorial services are available to all veterans who meet established VA criteria. Veterans with disabilities are encouraged to investigate services offered through Disabled Students Program and Services.

Transcripts

All official transcripts of prior college work and military schools must be on file in the Records Office by the end of the first semester of attendance at Imperial Valley College. Certification for benefits for the second semester will be withheld if transcripts are not received. See the Veterans Assistant for necessary forms.

Units Required for Entitlement of Benefits

The following number of units are required each semester to qualify eligible students for educational and training allowances:

<table>
<thead>
<tr>
<th>Units</th>
<th>Allowance</th>
</tr>
</thead>
<tbody>
<tr>
<td>12 units</td>
<td>full allowance</td>
</tr>
<tr>
<td>9 - 11.5 units</td>
<td>three-fourths allowance</td>
</tr>
<tr>
<td>6 - 8.5 units</td>
<td>one-half allowance</td>
</tr>
<tr>
<td>2 - 5.5 units</td>
<td>one-fourth allowance</td>
</tr>
</tbody>
</table>

Students who fail to enroll or are dropped by their instructor from a physical education class each semester will be required to reduce their load to eight units or less.

CHANGES IN THE CATALOG

Any regulation adopted by the administration of Imperial Valley College shall have the same force as a printed regulation in the catalog and shall supersede, upon appropriate public announcement, any ruling on the same subject which may appear in the printed catalog or official bulletin of the college.

A student may be graduated under the catalog in effect at the time of initial enrollment provided a continuous enrollment status is maintained during each semester (excluding summer sessions).

GRADUATION REQUIREMENTS

ASSOCIATE DEGREES

Upon completion of the following requirements, students at Imperial Valley College will be granted the degree of Associate in Arts or Associate in Science, depending upon the major completed. Responsibility for filing a application for graduation rests with the student. This petition is to be filed with the Registrar not later than the end of the 4th week of each semester and the 1st week of summer session. A $10.00 non-refundable fee must accompany the petition for graduation.

Additional Associate Degree(s) or Major(s) may be earned if the student completes those required courses and units beyond the prior degree(s) or major(s). Courses used in one major may be utilized in other majors as they apply. If a student breaks continuous enrollment, he/she will also be responsible for additional graduation requirements or required courses in the major as designated by the current catalog in effect.

The requirements for graduation represent State and institutional minimum general requirements as well as the firm commitment on the part of Imperial Valley College to the principles of general education. These requirements in general education are designed to develop the potential of every student, broaden their outlook, and contribute to the realization of the well-balanced whole person.

1. ACQUISITION OF MAJOR CONSISTING OF EIGHTEEN UNITS (UNLESS OTHERWISE DESIGNATED) IN A SPECIFIED FIELD OF STUDY

Students may satisfy the major requirement in the following fields of study. Individual courses of study for each major are listed under the Courses of Instruction.

A.S.-Administration of Justice
A.S.-Administrative Assistant
A.S.-Agricultural Business Management/Transfer
A.S.-Agricultural Engineering Technology
A.S.-Agricultural Science/Transfer
A.S.-Alcohol and Drug Studies
A.A.-Anthropology
A.A.-Art
A.S.-Automotive Body Repair and Painting
A.S.-Automotive Technology
A.S.-Banking-Administrative Services
A.S.-Banking Adminstration
A.S.-Banking-General Operations
A.S.-Banking-Secretarial
A.A.-Behavioral Science
A.S.-Bilingual-Bicultural Studies
A.A.A.S.-Bus. Off. Tech.: Administrative Secretary
A.A.-Business Supervision
A.A.-Business Transfer
A.A.-Computer Information Systems
A.A.-Correctional Science
A.A.A.S.-Early Childhood Education
A.A.-Early Childhood Education Infant/Toddler
A.A.-Engineering
A.A.-English
A.S.-Fire Science
A.A.-Foreign Language
A.A.A.S.-General Major
A.A.-General Science
A.S.-Graphic Arts
A.A.A.S.-Human Relations
A.A.-Humanities
A.A.A.A.-Individual Interdisciplinary
A.A.-Journalism
A.A.-Legal Assistant
A.A.-Liberal Studies (Elementary Teacher Prep.)
A.S.-Life Science
A.A.A.S.-Marketing-Sales Technology
A.A.-Mathematics
A.A.-Music
A.A.-Nursing (Associate Degree-Registered)
A.A.-Nursing (Licensed Vocational)
A.A.-Patient Services Administration
A.S.-Physical Education
A.A.-Physical Science
A.A.-Psychology
A.A.-Real Estate
A.S.-Recreation
A.A.A.A.-Rehabil. Tech. for the Physically Limited
A.A.A.S.-Small Business Management
A.A.A.-Social Science
A.S.-Water Treatment Technology
A.S.-Welding Technology

II. UNITS, GRADE POINT AVERAGE, RESIDENCE AND FINANCIAL OBLIGATIONS REQUIREMENTS

A. Sixty (60) degree applicable units plus physical education, if required.
B. Grade point average of 2.0 or better for all degree applicable college work.
C. Completion of a minimum of forty-five (45) degree applicable units in residence, or completion of at least the last fifteen (15) degree applicable units at Imperial Valley College.

In-residence units refer to those units taken at Imperial Valley College in which a student is enrolled, attends class sessions of one semester’s duration, and receives a passing grade. Credit by examination, extension credits, military credits, and/or credit by petition do not qualify a student for in-residence units.

Units toward an Associate in Arts or Associate in Science degree at Imperial Valley College must be from a college or university which, at the time the units were completed, was accredited by one of the regional accreditation agencies recognized by the most current CPAF edition.

D. Settlement of all financial obligations to the college.

III. INSTITUTIONAL REQUIREMENTS

A. American Institutions (select one sequence)
1. Hist 17A & Hist 17B
2. Poly Sci 1 & Poly Sci 2
3. Hist 17A & Poly Sci 1
4. Hist 17B & Poly Sci 2
5. Soc Sci 52

B. Health Education: HE 1 or HE 3 (Veteran only)

C. Physical Education, if required

IV. STATE COMPETENCY REQUIREMENTS

A. Math Competency: Score of 35 or higher the Elementary Algebra-Diagnostic Test or a grade of “C” or better in Math X.

B. Reading Competency: Score of 64 or higher on the Degrees of Reading Power (DRP) or a grade of “C” or better in Eng 12B.

V. GENERAL EDUCATION

A minimum of eighteen (18) semester units, including a minimum of three (3) semester units in each of the first three areas or divisions (a, b, c) and the same minimum in each part of d. The remainder of the unit requirement (3 units) is also to be selected from among these four areas or divisions (a, b, c, and d) as determined by student’s option.

A general education course may be used to satisfy both a general education requirement and a major requirement.

a. Natural Science (3 units required)
Ag 5 Man and His Environment
Ag 14 Entomology
Ag 40 Soils

Anat 6 Anatomy & Physiology for Health Occupations
Anat 8 Human Anatomy

Anthr 10 Human Anatomy & Physiology
Anthr 1 Physical Anthropology

Astr 21 Principles of Astronomy
Bio 3 Principles of Biology

Bio 21 General Microbiology

Chem 1A General Inorganic Chemistry
Chem 2A General Chemistry

Env Sci 5 Man and His Environment

Geol 1 Physical Geography

Nat Sci 5 Survey of the Earth Sciences

Phys 25 Introduction to Physical Science

Phys 4A General Physics

Phys 10 Introduction to Physics for Health Professions

Physio 1 Human Physiology

Zool 1A General Zoology

b. Behavioral & Social Science (3 units required)

Ag 30 Food & Fiber in a Changing World

ARDS 9 Introduction to Counseling

ARDS 50 Human Services in a Changing Society

Anthro 2 Cultural Anthropology

Anthro 3A Introduction to Archaeological Site Surveying

Anthro 3B Introduction to Archaeological Excavations

Anthro 4 California Indians

Anthro 6 Indians of North America

Anthro 8 Indians of the Southwest

BCE 20 Developmental Psychology of Children

BCE 21 Early Childhood Socialization: Children, Family and Community

BCE 22 Advanced Developmental Psychology and Observation

BCE 27 Understanding Exceptional Students

BCE 29 Infant/Toddler Development

Econ 1 Principles of Economics

Econ 2 Principles of Economics

Geo 2 Cultural Geography

Geo 3 Economic Geography

Hist 30 Mexican and the American Southwest

HR 9 Introduction to Human Rights

IB 1 Orchestra

IB 1 Understanding Exceptional Students

Poly Sci 3 Comparative Politics

Poly Sci 14 Int. to International Relations

Psych 1A Introduction to Psychology

Psych 1B Learning

Psych 2 Biological Psychology

Psych 3 Psychology of Adjustment

Psych 4 Psychology of Human Sexuality

Psych 5 Psychology of Effective Behavior

Psych 9 Introduction to Counseling

Psych 14 Abnormal Psychology

Psych 16 The Psychology of Interpersonal Relationships

Psych 17 Social Psychology

Psych 20 Developmental Psychology of Children

Psych 21 Early Childhood Socialization: Children, Family and Community

Psych 22 Advanced Developmental Psychology and Observation

Psych 27 Understanding Exceptional Students

Psych 30 Psychology of Adolescence

Psych 35 Developmental Psychology: Conception to Death

c. Humanities (3 units required)

Art 3A/3B History & Appreciation of Art

Art 4 History & Appreciation of Modern Art

Art 5 Working with Art

Dram Art 3A/3B History of World Drama

Eng 1B Introduction to Literature

Eng 41 Survey of American Literature

Eng 42A/42B Survey of World Literature

Eng 43A/43B Survey of English Literature

Eng 46A/46B The Mexican American in Literature

Eng 47 Intro. to the Bible as Literature

Eng 54 Intro. to Film History & Criticism

Fr 1 Elementary French

Fr 1A/1B Elementary French

Fr 2 Elementary French

Fr 2A/2B Elementary French

Fr 3 Intermediate French

Fr 4 Intermediate French

Fr 5 Intermediate French Reading & Writing

Fr 10 Intermediate Conversational French

Fr 11 Intermediate Conversational French

Ger 1 Elementary German

*Ger 1A Elementary German

*Ger 1B Elementary German

Ger 2 Elementary German

Hist 4A/B History of Western Civilization

Hum 1A The Humanities & Western Culture

Hum 1B The Humanities in Culture

Hum 25 Introduction to The Humanities

Hum 26 The Humanities

Mus 17AD Chamber Singers

Mus 18A Studio Orchestra

Mus 20A/20B History & Literature of Music

Mus 30 Intro. to Music Literature & Listening

Mus 31 Intro. to Twentieth-Century Music

Phil 1A/1B Introduction to Philosophy

Phil 11 Ethics

Phil 25 Religious of the Modern World

Pl 10 Beginning Communication with the Deaf

Pl 11 Intermediate Communication with the Deaf

Pl 12 Advanced Communication with the Deaf

Span 1 Elementary Spanish

*Span 1A/1B Elementary Spanish

Span 2 Elementary Spanish

*Span 2A/2B Elementary Spanish

Span 3 Intermediate Spanish

Span 4 Intermediate Spanish

*Span 5A/5B Beg. Spanish & Culture

Span 20A/20B Bilingual Spanish

Span 23 Bilingual Oral Spanish

Span 25 Intro. to Spanish American Literature

*Span 28A/28B The Mexican American in Literature

*Span 42 Intro. to Mexican American Studies

Social 1 Introductory Sociology

Social 2 Contemporary Social Problems

Social 17 Social Psychology

Social 33 Marriage and the Family

Social 50 Human Services in a Changing Society

The Humanities (3 units required)
**TRANSFER REQUIREMENTS**

Two principal requirements must be met in order to attain full junior standing at a state university, the University of California, or other institutions maintaining equivalent standards to which the student expects to transfer. These are as follows:

1. The completion of the specified requirements for junior standing in the proposed senior college or university; and

2. The completion of the lower-division prerequisites for upper-division majors and minors.

These vary according to the requirements of the institution of higher education in which the student expects to enroll. A STUDENT EXPECTING TO TRANSFER TO SUCH AN INSTITUTION SHOULD CONSULT THE CATALOG OF THE INSTITUTION REGARDING SPECIFIC REQUIREMENTS and plan their Imperial Valley College work so that these requirements will be met. Additional information is available in the Counseling Center.

Transferable courses to the California State University system and/or the University of California system are indicated by (CSU/UC) following the catalog description. Students are advised to contact their counselor to determine which specific courses are applicable to their educational objective.

A student planning to transfer to the California State University system can, at their request, have the general education requirements certified by Imperial Valley College. In order to meet this certification, a student must complete thirty-nine (39) units of selected general education in one of five areas: English communication and critical thinking; physical universe and its life forms; arts, literature, philosophy, and foreign language; social, political, and economic institutions; and understanding life and self-development. With the certification of general education completed by Imperial Valley College, a student can transfer to a California State University assured that no further general education will be required in the lower division area.

The Specific General Education Pattern for the California State University system follows:

**A. ENGLISH COMMUNICATION & CRITICAL THINKING (9 semester or 12 quarter units)**

1. Oral Communication (1 course required)
   - Sp 1 (3)

2. Written Communication (1 course required)
   - Eng 1A (3.5) Phil 10 (3)
   - Eng 50 (3) Sp 10 (3)

3. Critical Thinking (1 course required)
   - Eng 11 (3.5) Phil 10 (3)
   - Eng 50 (3) Sp 10 (3)

**B. PHYSICAL UNIVERSE AND ITS LIFE FORMS (9 sem or 12 qtr units with at least one lab course marked with an L)**

1. Physical Science (1 course required)
   - Ag/Env Sci 5 (3) Chem 12A (L) (5)
   - Ag 40 (L) (3) Geog 1 (3)
   - Anton 21 (3) Phys 4A (L) (5)
   - Anton 1 (L) (5) Phys 4B (L) (5)
   - Chem 1B (L) (5) Phys 4C (L) (5)
   - Chem 2A (L) (4) Phys 10 (L) (4)
   - Chem 5 (L) (4) Phys Sci 25 (L) (4)

2. Life Science (1 course required)
   - Ag 14 (L) (3) Bio 21 (L) (5)
   - Anat 8 (L) (4) Physiol 1 (L) (4)
   - Anat 10 (L) (5) Psych 2 (3)
   - Anthro 1 (L) Zool 1A (L) (4)
   - Bio 3 (L) (4) Zool 1B (L) (4)

3. Math/Quantitative Reasoning (1 course required)
   - Math 2 (5) Math 10B (3)
   - Math 3A (5) Math 12/Bus 20 (5)
   - Math 3B (5) Psych 13 (3)
   - Math 4 (5) Math 15/Bus 15 (4)
   - Math 10A (3)

**C. ARTS, LITERATURE, PHILOSOPHY, AND FOREIGN LANGUAGE (9 sem or 12 qtr units) 3 courses must be completed with at least 1 course from the Humanities category and 1 course from the Humanties category.

Arts Category:
   - Art 3A (3) Mus 7 (3)
   - Art 3B (3) Mus 20A (3)
   - Art 4 (3) Mus 20B (3)
   - Art 5 (3) Mus 30 (3)
   - Dm 5A (3) Mus 31 (3)
   - Dm 5B (3)

Humanities Category:
   - Eng 1B (3) Hist 4B (3)
   - Eng 41 (3) Hum 1A (3)
   - Eng 42A (3) Hum 1B (3)
   - Eng 42B (3) Hum 25 (3)
   - Eng 42C (3) Hum 25 (3)
   - Eng 43 (3) Phil 1A (3)
   - Eng 44A (3) Phil 1B (3)
   - Spin 28A (3) Phil 31 (3)
   - Eng 46B (3) Phil 25 (3)
   - Spin 28B (3) PL 10 (4)
   - Eng 47 (3) PL 11 (4)
   - Fr 1 (3) PL 12 (3)
   - Fr 1A (2.5) Span 1 (5)
   - Fr 1B (2.5) Span 1A (2.5)
   - Fr 2 (5) Span 1B (2.5)
   - Fr 2A (2.5) Span 2 (5)
   - Fr 2B (2.5) Span 2A (2.5)
   - Fr 3 (4) Span 2B (5)
   - Fr 4 (4) Span 3 (3)
   - Fr 5 (3) Span 4 (3)
   - Fr 10 (3) Span 20A (5)
   - Fr 11 (3) Span 20B (5)
   - Ger 1A (2) Span 23 (3)

**D. SOCIAL, POLITICAL, AND ECONOMIC INSTITUTIONS (9 sem or 12 qtr units)**

1. American Institutions (6 units required - choose one sequence) Completion of one of these sequences meets the U.S. History, Constitution and American Ideals requirement as per Ex Or 405.
   - a. Hist 17A/17B (3-3)
   - b. Poly Sci 1/2 (3-3)
   - c. Hist 17A/Poly Sci 1 (3-3)
   - d. Hist 17B/Poly Sci 2 (3-3)

2. Select one course from a subject area not completed in Section D, Part 1.
   - Adm Ju 21 (3)
   - Ag 30 (3)
   - Antro 2 (3)
   - Antro 4 (3)
   - Antro 6 (3)
   - Antro 8 (3)
   - ECE 20 (3)
   - Psych 20 (3)
   - Econ 1 (3)
   - Econ 2 (3)
   - Geog 2 (3)
   - Geog 3 (3)

**E. LIFELONG UNDERSTANDING AND SELF-DEVELOPMENT (3 sem or 4 qtr units)**

   - HE 1 (3)
   - HR 8 (3)
   - Psych 4 (3)

**Transfer Credit**

In state universities, and at the University of California, a maximum of 30 semester units earned in a community college may be applied toward the Bachelor's degree, with the exception that no upper-division credit may be allowed for courses taken in a community college and no credit may be allowed for professional courses in education taken in a community college. Many other colleges and universities also allow credit for 70 units of lower-division work completed at a community college.

**INTERSEGMENTAL GENERAL EDUCATION TRANSFER CURRICULUM (IGETC)**

The Intersegmental Committee of the Academic Senates recently approved the Intersegmental General Education Transfer Curriculum (IGETC) which will be implemented Fall 1991. The IGETC is a series of courses that community college students can use to satisfy lower division general education requirements at any CSU or UC campus. The IGETC will provide an option to the California State University General Education Requirements and will replace the University of California Transfer Core Curriculum.
### Certificates are offered in the following areas:

<table>
<thead>
<tr>
<th>Administrative of Justice</th>
<th>Agricultural Engineering Technology</th>
</tr>
</thead>
<tbody>
<tr>
<td>Agriculture Business Management</td>
<td>Alcohol and Drug Studies</td>
</tr>
<tr>
<td>Field Archaeology</td>
<td>Auto Body Repair and Painting</td>
</tr>
<tr>
<td>Automotive Technology</td>
<td>Banking</td>
</tr>
<tr>
<td>Administrative Certificate in Bank Operations</td>
<td>General Certificate-Bank Service</td>
</tr>
<tr>
<td>Secretary Certificate-Bank Service</td>
<td>Business Office Technologies</td>
</tr>
<tr>
<td>Accounting Technician</td>
<td>Administrative Secretary</td>
</tr>
<tr>
<td>Office Technician</td>
<td>Business Supervision</td>
</tr>
<tr>
<td>Computer Information Systems</td>
<td>Correctional Science</td>
</tr>
<tr>
<td>Coronal Science</td>
<td>Crop Science</td>
</tr>
<tr>
<td>Early Childhood Education</td>
<td>Electronics</td>
</tr>
<tr>
<td>Emergency Medical Technician I</td>
<td>Emergency Medical Technician II</td>
</tr>
<tr>
<td>Emergency Medical Technician-Paramedic</td>
<td>Fire Science</td>
</tr>
<tr>
<td>Graphic Arts - Multi Media</td>
<td>Graphic Arts - Printing</td>
</tr>
<tr>
<td>Health Assistant</td>
<td>Home Health Aide</td>
</tr>
<tr>
<td>Human Relations</td>
<td>Infant/Toddler</td>
</tr>
<tr>
<td>Legal Assistant</td>
<td>Library Technician - Basic</td>
</tr>
<tr>
<td>Marketing-Sales Technology</td>
<td>Nutrition Management-Dietary Manager</td>
</tr>
<tr>
<td>Nutrition Management-School Food Services Manager</td>
<td>Patient Services Administration Specialist</td>
</tr>
<tr>
<td>Pharmacy Technician</td>
<td>Real Estate</td>
</tr>
<tr>
<td>Recreation</td>
<td>Rehabilitation Technician for the Physically Limited</td>
</tr>
<tr>
<td>Small Business Management</td>
<td>Transcription Specialist</td>
</tr>
<tr>
<td>Vocational Nursing</td>
<td>Waste Water Technology</td>
</tr>
<tr>
<td>Waste Treatment Technology</td>
<td>Welding</td>
</tr>
<tr>
<td>Work Experience-Occupational</td>
<td></td>
</tr>
</tbody>
</table>

### TIPOS DE CURSOS Y PROGRAMAS

Para que el colegio del Valle Imperial pueda lograr su meta de servir a todo estudiante que desea una educación, una variedad de cursos están a la disposición del estudiante. Algunos de los cursos pueden ofrecer al estudiante destrezas para obtener un trabajo. Otros cursos ofrecen educación general, la cual ayuda a todos estudiantes a vivir vidas productivas dentro de una sociedad compleja como la nuestra. Además, otros tipos de cursos provienen el conocimiento básico para que el estudiante continue sus estudios en instituciones superiores de cuatro años.

Un estudiante puede cursar los primeros dos años de estudio universitario en el colegio, tomando clases de educación general. Así, el estudiante tiene la oportunidad de iniciar sus estudios superiores mientras vive cerca de su hogar. Esta oportunidad no sólo permite que el estudiante alcance al mismo tiempo que no también ofrece al estudiante una visión de la preparatoria a un recinto de estudio de dos años y posteriormente a una institución de cuatro años. La atmósfera amigable y colegial presenta la oportunidad a cada estudiante para que se familiarice con sus metas y participe en el programa de enseñanza académico; estas incompatibles oportunidades están disponibles para el estudiante, oportunidades que tal vez no estén disponibles en otras instituciones debido al alto índice de población estudiantil. El estudiante no sólo recibe asistencia personal de calidad, si no que también tiene mayores oportunidades de liderazgo en asuntos estudiantiles.

El programa de enseñanza académico, asiste en la determinación y recomendación de las clases en las cuales se inscribirá el estudiante. Esto permite al estudiante fijarse metas académicas en una forma sistemática e incluir cursos de estudio que más los benefician.

Muchas de las necesidades del estudiante que busca empleo, puede entender al terminar su segundo año de estudio en el colegio por medio de una variedad de cursos vocacionales que ofrece el colegio.

El colegio también ofrece un programa completo y organizado en educación general para el estudiante que sólo desea cursos preparatorios para ingresar a una institución de estudios superiores de cuatro años.

El programa de estudio en el colegio también incluye cursos de estudio para personas adultas que no pudieron terminar la preparatoria y que deseen la habilidad para tomar y aprobar los cursos que ofrece el colegio. El éxito que estas personas obtengan en tales cursos determinará si la persona seguirá tomando cursos en el futuro.

Existen cinco programas diseñados para los siguientes grupos de estudiantes: estudiantes que sólo pueden tomar clases de noche; estudiantes que no pueden asistir al colegio tiempo completo; estudiantes que deben coordinar su programa de estudio con otros trabajos en el colegio; estudiantes sobresalientes del consejo o docentes de preparatoria que deseen cursar clases especiales a nivel de colegio; y por último a los estudiantes que tengan alguna incapacidad física.

### OCCUPATIONAL CURRICULA

Imperial Valley College has developed career programs which reflect employment opportunities of our county and region. Advisory committees work closely with the college to assure each student the best in education and real employment opportunities upon graduation.

In developing a major program, each student should plan on completing graduation requirements for the Associate in Arts or Associate in Science Degree. It is recommended that students should plan a broad educational background including general education courses.

It is most important that students consult with a counselor during their first semester in preparing programs to determine the appropriate sequence of courses. Further, it should be noted that the final responsibility for the selection of proper courses rests with the student.

### CERTIFICATES

Ocational Certificates are awarded to convey evidence that well-defined levels of proficiency have been attained in designated occupational fields. Certificate programs are available in some of the occupational areas for which the college offers the Associate Degree. To qualify for an Occupational Certificate, a student must:

1. Complete all courses listed for a particular certificate.
2. Achieve a "C" grade average (2.0 GPA) for all courses used to complete the certificate.
3. File a certificate petition with the Registrar not later than the end of the fourth week of each semester and the first week of the summer session.

### 1. El Turno Vespertino de Clases en el Colegio

El turno vespertino de clases en el colegio, se compone de cursos regulares. Estos cursos ofrecen la oportunidad para que el estudiante adquiera un diploma/título (Asociate in Art Degree o Asociate in Science Degree), también el estudiante puede tomar cursos preparatorios para ingresar a una universidad/collegio, o mejorar cualquier deficiencia académica que haya tenido en la preparatoria, o simplemente tomar clases que le interesen.

Un programa de estudio de turno vespertino toma más tiempo que un programa de estudio matutino, el estudiante podrá terminarlo en menos tiempo si sigue un programa de estudio adecuado y planeando conjuntamente con un asesor académico.

### 2. Colegio Externo

El programa del Colegio Externo ofrece a los residentes del Condado Imperial acceso conveniente y práctico a cursos del colegio. Estos cursos se ofrecen a través de toda la comunidad en 96 localidades en el condado. La mayoría de los centros ofrecen clases de turno matutino y vespertino. La facultad docente del colegio externo es de media jornada. El colegio externo también cuenta con personal administrativo y dos asesores académicos.

La meta del Colegio Externo es de ofrecer un programa de estudio externo, flexible, y de calidad a las 14 comunidades que se encuentra en el Distrito del Colegio Imperial. Estas clases ayudan a minorar el problema de aislamiento, que afecta a un gran número de residentes del Valle Imperial. Las clases se ofrecen de una forma constante y sistemática durante todo el año. Se ofrecen clases en las siguientes áreas de estudio: Técnicas Médicas, Enfermería, Bienes y Raíces, Operaciones de Microcomputadoras, Español, y clases de Ingles. También se ofrecen clases de introducción en el campo de Tecnologías en Salud, Administración de Justicia, y Ciencias de Extinción de Incendios.

Los programas innovativos incluyen proyectos de capacitación como se ofrecen por el Consorcio del Sector Privado para una variedad de agencias del Condado. Diferentes agencias, iglesias, distritos escolares y la Universidad de San Diego en el Valle Imperial facilitan el uso de sus instalaciones para llevar acabo tal capacitación.

### 3. El Programa de Trabajo y Estudio

El programa de trabajo es coordinado entre el Colegio de la Comunidad del condado Imperial y los empresarios públicos o privados de la comunidad. El colegio provee la organización y la coordinación de los salones de clases y el personal. Las
I

4. El Estudiante de Preparatoria (High School) que Asiste al Colegio

Los estudiantes de las preparatorias locales que asisten al colegio bajo un programa vocacional o académico tienen un papel de expectador en actividades estudiantiles y extracurriculares. Si el estudiante desea puede solicitar asesoramiento académico en el colegio, pero se recomienda que haga un esfuerzo por pedir la ayuda de un asesor académico en su propia escuela.

El estudiante tiene que solicitar la autorización debida para asistir al colegio y así recibir calificación. El estudiante de preparatoria tendrá que asistir a dicha institución por lo menos medio día.

Admisión de Estudiantes del Enseñanza y Deseoano año de Preparatoria

El presidente de cualquier colegio comunitario tiene la autoridad de admitir al colegio a un estudiante de preparatoria de medio tiempo del onceavo año para admisión a las clases de verano a estudiantes que han tomado una parte en un programa de medio tiempo del onceavo año de las preparatorias locales que satisfacen los requisitos de admisión. El estudiante de preparatoria tendrá que asistir a dicha institución por lo menos medio día.

Admisión de Estudiantes del Enseñanza y Deseoano año de Preparatoria

La escuela pre-escolar está abierta cinco días de la semana de las 7:45 a.m. a las 3:45 p.m., de acuerdo con el calendario del colegio. Los servicios de cuidado infantil se ofrecen para niños de edad pre-escolar de 2 a 5 años de edad, cuyas padres son estudiantes del Colegio del Valle Imperial.

TITULOS/DIPLOMAS

La mesa directiva del colegio, por recomendación del presidente y la facultad del colegio, está autorizada de acuerdo con el Artículo 12, Sección 102, del State Administrative Code, Title 5, para conferir el título diplomático de Associate in Arts (A.A.) y el Associate in Science (A.S.). Las condiciones que deben cumplirse para la entrega de un título diplomático están delineadas en la sección de requisitos de graduación.

El reconocimiento "Con Distinción" es otorgado a un estudiante que ha tenido los requisitos de un programa de estudio organizado de dos años, ya sea en algún tipo de ocupación vocacional técnica o de clases preparatorias para seguir sus estudios en un universidad de cuatro años. El estudiante que desee transferirse a una institución superior de cuatro años tendrá que satisfacer los cursos, unidades, y requisitos de calificaciones que requiere la universidad a la cual desee asistir.

DISTINCION ACADÉMICA

Graduación con Honores

El reconocimiento "Con Distinción" es otorgado a un estudiante que ha obtenido un promedio de calificaciones de 3.0 en años académicos aplicables para el título.

El reconocimiento "Con Honores" es otorgado al estudiante que obtiene un promedio de calificaciones de 3.0 en cursos aplicables para el título.

Lista de Distinciones del Presidente del Colegio

El presidente del colegio da un reconocimiento especial a todo alumno que recibió durante el semestre un promedio de 3.0 o mejor en calificaciones que se obtuvieron en la serie 12 o más unidades.

Alpha Gamma Sigma

Membresía Inicial: Una persona puede obtener membresía inicial si la persona:

1. A terminado 12 unidades por semestre durante tres semestres.
2. Un promedio de calificaciones acumulativas de 3.25. Ninguna calificación adquirida antes de dos años de solicitud de membresía inicial deberá utilizarse.

Para Continuar con la Membresía: Un nuevo miembro puede obtener y continuar con la membresía por medio de:

1. Haber obtenido el semestre pasado un promedio de calificación no menor de 3.25 en cursos de nivel avanzado.
2. Haber mantenido un promedio acumulativo de 3.25 o mejor en cursos de nivel avanzados.

Membros vigentes recibirán un semestre de concesión por cada semestre de membresía continua. Si el promedio de calificaciones de los miembros vigentes es menor de 3.25, pero se mantienen mas de 2.5 (ya sea por semestre o acumulativo), puede solicitar un semestre más de concesión para continuar su membresía en el semestre en el cual el promedio recibido se aplique. No podría haber dos periodos consecutivos de concesión académica.

Membresía Permanente: Cualquier persona que a terminado los 60 unidades de cursos de colegio avanzados con un mínimo de 30 unidades terminadas en el colegio comunitario que solicite membresía permanente y que reúna uno de los siguientes requisitos:

1. Una persona que ha mantenido un promedio acumulativo de 3.5 o mejor en todas las clases avanzadas.
2. Cualquier miembro vigente que ha mantenido un promedio acumulativo de 3.25 o mejor en todos los cursos avanzados en el colegio y en continuado como miembro del Programa del ASES., inc., por dos semestres, mínimo.

Cursos terminados dos años antes de la solicitud para membresía permanente, ya sea en un colegio comunitario o una institución de estudios superiores, no podrán impedirle a ninguna persona llegar a ser un miembro permanente.

PROGRAMA DE ASISTENCIA FINANCIERA

El Colegio del Valle Imperial tiene la convicción de que cualquier estudiante que tiene la capacidad de beneficiarse de una enseñanza superior no se le debe negar una educación por falta de recursos económicos.

Cada año hay varios tipos de ayuda disponible para estudiantes con necesidades económicas. Esta asistencia es ofrecida por el distrito del colegio, el estado, el gobierno federal, grupos civicos, y ciudadanos.

Si desea más información sobre asistencia financiera favor de comunicarse con la Oficina de Asistencia Financiera ubicada en el Centro de Asesoramiento.

GASTOS

Los cobros y cuotas de inscripción se tienen que pagar cuando usted se inscribe. Su inscripción en los cursos NO SE FINALIZARÁ hasta que la oficina de Inscripción halle recibido el total del pago.

Cuota de Inscripción (Propensi6n a cambiar)

$13.00 por unidad

Estudiantes con becarios o más* $50.00 por unidad

Cuota por el permiso de estacionamiento

$15.00 por unidad (después de las últimas inscripciones)

$20.00 por unidad (Vehículo Adicional)

$15.00 por unidad

*Existen algunas excepciones. Para más información póngase en contacto con la oficina de Inscripción.

NOTA: Los estudiantes que estén inscritos en clases que no se están llevando acabo en el colegio no tienen que pagar por el permiso de estacionamiento.

Explicación de Cuotas

La Legislación del Estado de California, por orden del Gobernador, requiere que todo colegio comunitario en California cobre inscripción a todo estudiante por cada semestre que se inscriba. La Legislación también provende asistencia financiera a estudiantes de bajos recursos que no pueden costear sus estudios y que califiquen para estos servicios de acuerdo a las Guías Estatales. Si desea información en cuanto ayuda financiera para costear sus estudios puede obtenerla en la Oficina de Asistencia Financiera.

La cuota de estacionamiento provee fondos para gastos administrativos y de operación para el mantenimiento del estacionamiento y facilidades de transporte.

Cuesta de Matrícula

Estudiantes no residentes del estado o extranjeros tienen que pagar la cuota de matrícula de $102.00 dólares por unidad más las cuotas de pago citadas.

El colegio aceptará los pagos de estudiantes no residentes o extranjeros en efectivo, giros postales Western Union, cheques de viajero, o cheques de banco. Los cheques personales no se aceptan.
Aún cuando los asesores académicos ayudan a los estudiantes en el planificación de sus metas académicas a largo plazo, la responsabilidad de llenar los requisitos para graduación o los requisitos para transferirse a otra universidad o colegio tiene que ser asumida por cada estudiante. Los Centros de Asesoramiento le dan acceso a una biblioteca de referencias y catálogos para diferentes colegios y universidades.

Las actividades de los estudiantes están reglamentadas por la asociación Estudiantil del Colegio. Los estudiantes que les interese tratar con el público encontrarán una oportunidad de desarrollar esta habilidad en clubes y eventos sociales durante el año. Los estudiantes que están interesados en la música, periódico, o administración de los asuntos estudiantiles, encontrarán la oportunidad para participar en estas actividades.

### Librería y Centro Colegial

La librería del colegio está mantenida por el distrito mediante un acuerdo de arrendamiento con una compañía privada. En la librería del colegio el estudiante puede encontrar libros de texto y útiles escolares. En el edificio del Centro Colegial se encuentra una cafetería la cual ofrece comida y refrescos.

El centro de aprendizaje fue diseñado para proveer programas extensivos de remediacíon enriquecimiento y cursos diseñados para ayudar al estudiante a adquirir técnicas y habilidades de estudio. Los servicios de asesoramiento de tutores están disponibles en el Centro de Apoyo a la Formación, y el Club de Tutores del Colegio, ofrece varias actividades de enriquecimiento académico para estudiantes que están interesados en ser tutores. Adicionalmente, servicios bilíngües existen para estudiantes que hablan poco inglés y desean ayuda académica en la interpretación de sus cursos.

### Centro de Aprendizaje

El Centro de Aprendizaje ofrece una variedad de programas educativos de televisión y cine. Asistir al estudiante en lograr éxito en sus estudios. Ayudar al estudiante a tomar buenas decisiones basándose en información correcta. Ofrecer servicios y recursos para seleccionar las clasificaciones apropiadas que van de acuerdo a la carrera del estudiante. Proporcionar al estudiante la oportunidad de desarrollar un plan de estudio.

En el caso de no cumplir con sus responsabilidades, el colegio puede suspender los servicios prestados al estudiante. El colegio no puede suspender ningún servicio al estudiante que tiene derecho bajo cualquier otra disposición de la ley y el estudiante tiene el derecho de apelar cualquier regulación de matriculación.

### Accreditación

El Colegio tiene la acreditación oficial de la Junta de Colegios, Western Association of Schools and Colleges, American Welding Society, State Department of Education, y Commissions on Peace Officers Standards and Training. La Universidad de California, y otros colegios y universidades aceptan las unidades obtenidas en este colegio.

### SERVICIOS DE ASEREOAMIENTO ACADÉMICO

La atención del Colegio ofrece a todos los estudiantes información pertinente la cual necesitarán en el formulario de sus metas y objetivos, y asistirán a aprovechar al máximo sus potenciales y entornos. El asesoramiento académico se ofrece a asesores profesionales, con habilidades y entrenamiento en áreas académicas, vocacionales, y orientación profesional. El Centro de Asesoramiento está abierto de 8:00 a.m. a 8:00 p.m. de Lunes a Jueves, y de 8:00 a.m. a 5:00 p.m. los Viernes durante el año escolar. Los Centros de Carreras se encuentran localizados en el Centro de Asesoramiento. El Centro de Carreras provee extensa información vocacional y de carreras.
La residencia puede cambiarse por medio de un acto de unión o intento.

4. La residencia de un padre con el cual no menor no casado vivo, se clasifica como residencia del menor cuando el menor no vive con ninguno de los dos padres, se considerará el último lugar de residencia en el cual el joven tuvo con su padre. El joven puede establecer su propia residencia cuando los padres han fallecido y no se ha asignado a algún tutor legal.

5. El menor no podrá cambiar su residencia si uno de sus padres aún vive, o por un oficio legal de su tutor, o por el derecho adoptivo por haber sido abandonado por sus padres, a menos que el joven califique para mantenerse a sí mismo.

Se puede pasar por alto alguno de los puntos de determinación de residencia ya citados. Si el estudiante por otra parte es clasificado como "no-residente", pero sí cumple con una de las siguientes excepciones, se puede permitir la clasificación de "residente" hasta que obtenga la clasificación. Las excepciones son:

1. Menores que permanecen en California después que sus padres se han mudado del estado, siempre y cuando los padres hayan sido residentes de California antes de la fecha de clasificación de residencia.

2. Menores que se mantienen a sí mismos y han vivido en California por un año antes del semestre, se les permite la clasificación de residente.

3. El estudiantes que aún no es adulto por más de un año antes de la fecha de inscripción o matriculación, puede ser en el tiempo de residencia antes de cumplir los 18 años de edad el tiempo de residencia después que cumplan los 18 años de edad para obtener los requisitos de residencia.

4. El hijo o la esposa de un miembro de la fuerza militar asignado a California se le otorgará clasificación de residente. La persona se que sea miembro de la fuerza militar asignado a California, y después obtener una educación, puede obtener clasificación de residente por un año. Durante el mismo año, la persona deberá establecer residencia permanente, pero sí es así, el individuo tendrá que pagar la cuota de inscripción de un no-residente para la siguiente inscripción.

5. El extranjero adulto que no sea excluido de establecer su domicilio en los Estados Unidos por el Acta de Emigración y Nacionalidad puede ser elegible para establecer residencia si se reunen los requisitos de presencia física y el intento de hacer su hogar en California. El extranjero que tenga las siguientes clasificaciones puede establecer residencia utilizando las mismas reglas que se utilizan para ciudadanos de los Estados Unidos:

a. Visa de Estado (Career Diplomat Visa) 
b. Visa Fiancé (Fiancé Visa)

6. Un estudiante que tenga una credencial autorizada para brindar sus servicios profesionales a una escuela pública y que esté empleado en una posición certificada por el distrito del colegio de la comunidad se le dará clasificación de residente.

7. A un estudiante que sea un aprendiz dentro de los reglamentos estipulados en la Sección 1077 del Código de Trabajo, tiene el derecho de ser clasificado como residente.

8. Un estudiante que es empleado de tiempo completo de una institución de estudios superiores en California, o que sus padres o esposo/a es un empleado de tiempo completo, tiene el derecho de ser clasificado como residente si la institución de matriculación lo permite.

9. Un estudiante puede ser clasificado como residente si vive con sus padres y si sus padres se sostienen con ingresos agrícolas, o son empleados por el estado de California u órdenes estadounidenses y han desempeñado tal trabajo en este estado por lo menos dos meses dentro del año; los padres viven dentro de los límites del distrito del colegio; el padre reclama al estudiante como dependiente en los impuestos estatales y federales.

10. Un estudiante que trabaje en agricultura para el estado de California dos meses al año durante los últimos dos años podrá clasificarse como residente.

Ningún factor es decisivo; sin embargo, la institución tiene el derecho de verificar la residencia legal del estudiante por medio de los siguientes documentos: licencia de manejo, recibo de huésped, recibo de registro para votar, recibo de arrendamiento, contrato de renta, recibo de reina o el nombre, domicilio y lugar de residencia, tarjeta de una biblioteca, documentación de impuestos federales o estatales, una cuenta de pago corriente, o un cheque.

Es la responsabilidad del estudiante demostrar que está viviendo en California y que tiene el intento de establecer residencia en California.

El estudiante puede no estar necesitado de las pruebas de Calificaciones en California.

El estudiante que no conteste todas las preguntas en el Cuestionario de Residentes o el Cuestionario Suplementario de Residentes, se le puede clasificar como no-residente.

LISTA DE LIMITACIONES DE ESTUDIO

Un programa de estudios normal equivale a 12 a 18 unidades. Por lo menos se tendrán que tomar de 15 a 16 unidades para poder graduarse en un periodo de dos años o cuatro semestres.

El máximo de unidades que puede tomar un estudiante es de 18, incluyendo un curso de educación física. Hay excepciones en cuanto al número de unidades que un estudiante puede tomar siempre y cuando la administración (a través de una petición) otorge un permiso especial debido a que tienen pruebas que el estudiante a demostrar que ha sobresalido en sus estudios académicos.

Un estudiante que esté inscrito en cualquier otra escuela o colegio (esto incluye cursos por correspondencia o estudios independientes) tendrá que reportar tal inscripción a la Oficina de Inscripción. No se podrá exceder el número de 18 unidades por semestre.
3. Dejar Una Clase (Withdrawal Grade)
Un estudiante puede dejar cualquier clase en el colegio con una "C" (henal) al finalizar la semana número 14 o menos del 75% del semestre, por medio de llevar y entregar una forma de abandono de clases (drop card) en la Oficina de Inscripción. Después de la semana número 14 o menos del 75% del semestre, el estudiante puede dejar una clase pero recibiría una "C".

Cuando el estudiante pide de baja de una clase y una forma del curso se entregue a la Oficina de Inscripción, la cual hará una "C" como la calificación final.

5. Cómo Repetir una Clase (Repeated Classes)

Procedimiento para repetir una clase:

a. El estudiante que desee repetir una clase debido a que obtuvo una "D" o "F" en su primer intento con una calificación aceptable, no podrá tomar un curso repetitivo mas bajo del que ya tomó en el mismo área.

Por ejemplo: Un estudiante no debe inscribirse en Inglés 2B después de haber aprobado Inglés 1A. ( Esto no aplica a cursos de repaso vocacionales. )

6. Puntaje de Calificaciones (Grade Points)

Puntaje de calificaciones, unidades por semestre, se asignan de la siguiente forma:

Cursos de fuerza mayor al estudiante se le permitirá repetir estas calificaciones para obtener un puntaje superior. Los cursos que no tengan un puntaje aceptable, no podrán ser utilizados para calcular el promedio de calificaciones.

6. Puntaje de Calificaciones (Grade Points)

Puntaje de calificaciones, unidades por semestre, se asignan de la siguiente forma:

| A | -4 puntos por unidad |
| B | -3 puntos por unidad |
| C | -2 puntos por unidad |
| D | -1 punto por unidad |
| F | 0 puntos por unidad |
| Cr | 0 puntos por unidad; las calificaciones no se contabilizan contra el estudiante |

NC: Calificaciones no contabilizadas con un "O" en cursos de Administración de Justicia. El estudiante que desee participar en este programa debe seguir este procedimiento.

El promedio de calificaciones es calculado por medio de dividir el total de puntos obtenidos por el total de unidades que tomó menos los puntos por crédito. Así que, en cualquier semestre, si las calificaciones obtenidas son un total de 28 y el total de unidades que se tomaron menos los créditos es equivalente a 14, el promedio es de 2.0.}

7. Créditos por Medio de Tomar un Examen (Credit by Examination)

Un estudiante inscrito puede hacer prueba para tomar un examen en lugar de tomar la clase en la semana y decima cuarta semana de cada semestre. Un máximo de 25 créditos pueden ser utilizados para gradación utilizando este proceso. No se utilizaron más de 15 créditos por semestre. El costo para tomar cada examen será de $200.00 dólares por unidad más $100.00 dólares de costos administrativos. La forma de petición para créditos por medio de un examen puede obtenese en la Oficina de Inscripción.

8. Crédito por Medio de Tomar Exámenes de Ubicación Avanzada (Advanced Placement Examinations)

El colegio otorga crédito para el título (A.A. o A.S.) a estudiantes que terminen exitosamente exámenes del "Advanced Placement Program of The College Board". A estudiantes que presenten calificaciones de 3 puntos o mejor en el colegio les otorgará crédito.

9. Crédito Otorgado por medio de Programas y Cursos de Ocupación Regional

El colegio del Valle Imperial otorga crédito para el título (A.A. o A.S.) al completar cursos específicos del Programa de Ocupación Regional (ROP) que se han articulado con cursos del Colegio del Valle Imperial. El colegio otorgará crédito solo al

10. Ubicación Avanzada en el Programa de Enfermería

El estudiante que ha tomado clases de enfermería puede ser elegible para inscripción de preferencia en el programa de estudio de enfermería. Puede revalidar materias de enfermería que ha tomado durante los pasado cinco años. Las clases en educación general serán evaluadas individualmente. La evaluación de la experiencia de clases que ha tomado el estudiante será analizada individualmente por el personal del Departamento de Enfermería. Para obtener más detalles, comuníquese con el Departamento de Enfermería.

11. Crédito Otorgado a Militares


a. Al presentar la forma DD214 (mínimo de 180 días de participación activa que incluye entrenamiento básico) al Representante Asistente de Veteranos del Ejército, el estudiante puede obtener automáticamente 4 unidades de crédito por entrenamiento básico del servicio militar de los Estados Unidos de Norteamérica, 2 unidades de educación física y dos unidades en educación de la salud.

b. Se considerará el crédito adicional por medio de una petición y documentación apropiada.

c. El total de créditos militares no tendrán que exceder 16 unidades.

12. Crédito Obtenido en Cursos Universitarios

Créditos obtenidos en cursos universitarios no podrán usarse para obtener un título (A.A. o A.S.). La única excepción es si el curso universitario se ofrece a nivel de colegio comunitario.

Procedimiento:
1.  El estudiante debe de estar matriculado en el Colegio del Valle Imperial.
2.  El estudiante debe de presentar una solicitud al Colegio del Valle Imperial con el Certificado oficial de ROP que incluya la calificación del curso y la recomendación del maestro.
3.  Despues que el curso del nivel más avanzado se termine en el Colegio del Valle Imperial con la calificación requerida, el estudiante debe solicitar crédito por el curso articulado. Un asesor académico debe de firmar la solicitud y entregar una copia del certificado de ROP con el registro de calificaciones del Colegio del Valle Imperial.

Para obtener una lista de cursos articulados con el Programa de Ocupación Regional consulte con un asesor académico.
13. Renovación Académica (Academic Renewal)

Esta es una política que excluye calificaciones bajas sin tener el que estudie repetir clases. Un estudiante puede hacer una petición de Renovación Académica después de un periodo de cinco años y después de haber cursado 12 unidades con un promedio de 2.0 o más alto.

Calificaciones de Ds, Fs o un semestre completo pueden ser excluidas. Un máximo de dos semestres o 30 unidades pueden ser excluidas. Se tiene que consultar a un asesor académico para hacer una petición de Renovación Académica. Una vez que se ha finalizado este proceso, las clases y calificaciones que han sido excluidas no podrán volver a resaltarse.

CALIFICACIONES PARA EL SEMESTRE

Al finalizar el semestre la Oficina de Inscripción enviará al estudiante su boleta de calificaciones.

CONDUCTA DEL ESTUDIANTE

Se entiende de antemano que una vez que ingresa el estudiante al colegio está restringido los Reglamentos de Conducta para los Estudiantes. Los Reglamentos pueden encontrarse en el "Handbook for Faculty Advisors and Student Leaders" que está disponible en la Oficina de Actividades Estudiantiles.

REGLAMENTOS DEL COLEGIO

Velocidad de 10 m p/h. en la escuela será estrictamente enforzada.

Esta prohibido fumar en todos los edificios del colegio.

Vehículos impulsados por sí mismo o de moto, que no pertenezcan al distrito, con la excepción de sillas de ruedas, no son permitidos en las aceras y canchas de juego.

PERIODO DE PRUEBA ACADÉMICA

El Período de Prueba Académica (Academic Probation) es un sistema que se utiliza para identificar el progreso del estudiante que está experimentando alguna dificultad en progresar en su programa de estudio, y a la vez ofrece asistencia al estudiante para resolver objetivos académicos y asuntos para que logre sus metas académicas.

El estudiante que está en el periodo de prueba académica será identificado lo más pronto posible al finalizar cada semestre y será referido al Centro de Asesoramiento Académico (Counseling Center).

Hay dos clases de Período de Prueba Académica:

1. Prueba Escolástica
2. Bajo Prueba por Falta de Progreso

Prueba Escolástica

Cualquier estudiante que logre más de seis unidades en el semestre y esté en un programa de estudio para obtener sus objetivos académicos y asuntos para que logre sus metas académicas.

Bajo Prueba por Falta de Progreso

Al final de cada semestre, cualquier estudiante que ha alcanzado un promedio de 2.0 o más unidades no podrá recibir más de un 50% de las unidades en calificaciones no académicas (W, NC) y será puesto Bajo Prueba por Falta de Progreso (Lack-of-Progress Probation) hasta que las unidades ya terminadas sean de un 50% o más de la inscripción registrada del estudiante.

ESTADO PROVISIONAL

Un estudiante que se inscriba en más de seis unidades y que esté en uno de los siguientes categorías será admitido bajo estado provisional:

1. El promedio de calificaciones en la preparatoria (High School) fue de menos de 2.0, se excluye solamente educación física y ciencia militar.

2. Si el estudiante no es un graduado de preparatoria.

El estudiante en estado provisional tendrá el derecho de hacer una petición para que se le proporcione un programa de estudios de acuerdo a su aptitud y logros académicos.

El estado provisional se termina cuando el estudiante a terminado exitosamente 12 unidades de trabajo académico.

PETICIONES Y PROCESO DE AUDIENCIAS

El estudiante que ya no asiste o que aún está asistiendo al colegio tiene el derecho de buscar y recibir resolución a cualquier pregunta relacionada con su programa de estudios de acuerdo a la normativa educativa del Distrito del Colegio Comunitario del Valle Imperial.

Proceso para Hacer Una Petición

El proceso de petición se utiliza para obtener una excepción a alguna de las reglas o requisitos del colegio.

Procedimiento Para Hacer La Petición

El estudiante utilizará una forma de petición (disponible en la Oficina de Inscripción) después de ser revisada, se le informará sobre la resolución tomada. Si el estudiante no está satisfecho con la resolución que se tomó, puede hacer otra petición, esta vez ante un comité.

Proceso para Una Audiencia

Hay tres áreas establecidas de las cuales se requiere que un estudiante a organización siga reglas establecidas para pedir una audiencia. Síたら son:

1. Reglamento de la Oficina de Inscripción

2. Bajo el acceso de los Estudiantes y Procedimientos de Demanda

3. Políticas de Procedimientos de Asuntos de Inapropiación

Procedimientos Para Una Audiencia

A un estudiante u organización se le solicita que escriba un resumen de los puntos o preguntas que desea discutir y entregarla al Oficial de Inscripciones, quien la persona designada para coordinar el procedimiento de audiencia.

ASISTENCIA Y RETIRO DE CLASE AUTOMÁTICAMENTE

Un estudiante que no asista al primer día de clases será automáticamente dado de baja de clase. Si el estudiante desea retomar la clase, se realizará una audiencia para discutir la clase.

Se espera una regularidad regular de todos los estudiantes inscritos en las clases. A los maestros se les pide que tomen en cuenta la asistencia del alumno para determinar la calificación que recibirá el estudiante. Al estudiante se le puede excluir de las clases durante cualquier semestre cuando las ausencias después de haberse cerrado la inscripción, excede el número de horas de la cual la clase se reune por semana. Además, el maestro tiene la autoridad de expulsar a un estudiante que esté perjudicando la clase.

Tres tardanzas del estudiante son consideradas una falta. Aranceles se impiden aprobadas debido a que el estudiante tiene que representar al colegio en conferencias, congresos y viajes de escuela no se contarán como falta.

RETIRARSE DE UNA CLASE COLINDANTAR

Un estudiante que se ve obligado a darse de baja por el colegio por circunstancias de fuerza mayor tendrá el derecho de hacer una petición para seguir los procedimientos aprobados. (Ver "Calificaciones de Retiro de Clases")

EXPULSIÓN ACADÉMICA

Esta es un sistema de inasistencia forzosa de asistencia al colegio en casos en que el estudiante no es capaz de progresar en programas académicos dentro de los recursos disponibles en el colegio.

Expulsión Escolástica

Esta expulsión ocurre al finalizar el semestre de primavera cuando el estudiante ha sido previamente puesto en prueba académica, y tiene un promedio total de 1.75 o menos de lo que es promedio de 1.75 o menos en los tres últimos semestres consecutivos de inscripción. Los estudiantes que sean expulsados del colegio no se les permitirá inscribirse durante el próximo semestre o durante la sesión de verano, excepto con permiso especial después de haber hecho una petición al comité apropiado.

Expulsión por Falta de Progreso

La expulsión por falta de progreso (Lack-of-Progress) ocurre al finalizar el semestre de primavera cuando el estudiante ha sido previamente puesto en prueba por falta de progreso, y tiene un 50% o más de inscripción acumulada de "W", "T", o "NC" en los tres últimos semestres consecutivos de inscripción. El estudiante que es expulsado por falta de progreso no se le permitirá que se inscriba durante el siguiente semestre o la siguiente sesión de verano, excepto con permiso especial después de haber hecho una petición al comité apropiado.

ELIGIBILIDAD Y CERTIFICACION DE INSCRIPCION PARA VETERANOS DEL EJERCITO

El Colegio del Valle Imperial es una institución reconocida de educación post-secundaria. Tiene la autoridad para otorgar a veteranos elegibles y sus dependientes programas de beneficios relacionados con su servicio militar que puede conducir a un título (A.A., A.S.) o a transferencia a una universidad de cuatro años. El asistente de veteranos, localizado en el centro de Asesoramiento, ofrece orientación y asistencia a veteranos y sus dependientes elegibles a establecer su elegibilidad para sus beneficios educativos.

Para obtener información más detallada sobre la política y reglamentos de Beneficios Veteranos consulte con un asesor académico.

EDUCACION FISICA

A todo estudiante menor de 21 años y inscrito en mas de 8 unidades se le requiere se inscriba y termine una clase de educación física cada semestre (un máximo de cuatro clases de educación física son requeridos).

Se pueden hacer excepciones:

1. Incapacidad física (se requiere una nota de médico)
2. Edad, 21 años o mayor
3. Graduado de universidad
4. Verificación de que el estudiante ha tomado 180 días de servicio activo en cualquier rama de las Fuerzas Armadas de los Estados Unidos.

Todo estudiante que está inscrito en una clase de educación física tendrá que vestirse apropiadamente. El vestuario apropiado incluye tenis, pantalon corto, pastilleros de entrenamiento, camiseta u otros artículos similares para actividad rigurosa.

Los estudiantes que no se inscriban en una clase de educación física o por algún motivo el maestro los expulse de clase se les obligará a que redescritan las clases que estén tomando a ocho unidades o menos.

CAMBIOS EN EL CATÁLOGO

Cualquier reglamento adoptado por la administración del Colegio del Valle Imperial tendrá la misma validez que cualquier reglamento impreso en el catálogo y deberá acometerse con una notificación pública, la decisión que se halle tendido sobre el tema, esto aparecerá en el catálogo o en boletines oficiales del colegio.
REQUISITOS DE GRADUACION

Asociate Degrees

Llenando los siguientes requisitos, los estudiantes del colegio recibirán el diploma de Asociate en Arts o Asociate in Science, dependiendo en su área de especialización. El estudiante es responsable de entregar la solicitud de graduación. La solicitud deberá entregarse en la Oficina de Inscripción a no más tardar la cuarta semana de cada semestre y la primera semana del período de verano. La solicitud se entregará junto con $10.00 dólares los cuales no serán reembolsados una vez pagados.

Un título (Asociate Degree) adicional puede obtenerse si el estudiante termina los cursos apropiados y obtiene las unidades necesarias para el título adicional. Los cursos terminados para un título pueden utilizarse en otras especializaciones según se soliciten. Si el estudiante interrumpe sus estudios este será responsable por los requisitos adicionales o cursos para el título de acuerdo a como está delineado en el catálogo más reciente del colegio.

Los requisitos de graduación son estipulados por el estado y el colegio. Estos requisitos de educación general son diseñados para desarrollar el potencial académico de cada estudiante, ampliar sus oportunidades, y contribuir a la realización intelectual del individuo.

Para obtener una lista de especializaciones y los requisitos necesarios para el título (A.A. o A.S.) comuníquese con un asesor académico.

CALIFICACION POR CURSOS TOMADOS POR CORRESPONDENCIA Y CURSOS DE EXTENSION

Un estudiante puede hacer una petición para poder utilizar para graduación un máximo de seis (6) unidades de cursos tomados por correspondencia o cursos de extensión. Estos cursos tienen que satisfacer los siguientes requisitos:

1. Estos cursos se deben haber tomado en un colegio o universidad.
2. Estos cursos tienen que ser designados como preparatorios por parte del colegio o universidad.
3. Es responsabilidad del estudiante entregar los comprobantes necesarios de los requisitos antes mencionados.

REQUISITOS PARA TRANSFERIRSE

Estudiantes que tengan planeado ingresar a una Universidad Estatal de California, Universidad de California, o colegios y universidades privadas deben de reunir los siguientes requisitos:

1. Terminar los cursos apropiados que requiere el colegio o universidad.
2. Terminar los requisitos de cursos preparatorios en su universidad.

Estos requisitos varían según las instituciones de estudios superiores. Se recomienda consultar el catálogo de la universidad a la cual piensen transferir para poder planear sus clases de acuerdo a los requisitos de esa institución. Puede obtener más información en el Centro de Asesoramiento.

Las clases transferibles a las Universidades Estatales de California y las Universidades de California están designadas en el catálogo con CSU y UC después de la descripción de el contenido de la clase. Se recomienda a todo estudiante consultar a un asesor sobre cuales cursos reúnen los requisitos de sus objetivos educacionales.

Los estudiantes que planean transferirse a una Universidad Estatal de California pueden solicitar que el colegio certifique que han terminado sus clases de educación general. Los estudiantes deben de terminar 39 unidades de educación general seleccionando clases en cinco áreas: inglés y análisis del universo físico y su forma de vida; arte, literatura, filosofía, y lenguas extranjeras; instituciones sociales, políticas y económicas; comprensión y auto-desarrollo. Al certificar el colegio que un estudiante a terminado sus clases de educación general, al transferirse a la Universidad Estatal el estudiante no tiene que tomar mas clases de educación general de nivel preparatorio.

Las clases específicas de Educación General del sistema de la Universidad Estatal de California (CSU) pueden ser obtenidas con un asesor académico.

Unidades Transferibles

Las Universidades Estatales y de la Universidad de California aceptan un máximo de 70 unidades de colegios comunitarios. Solo 70 unidades pueden ser usadas para satisfacer requisitos hacia el título de licenciatura. Los cursos, en general, son transferibles a cualquier universidad de la Universidad de California. Determinar las clases de nivel preparatorio que son transferibles a la Universidad Estatal.

INTERSEGMENTAL GENERAL EDUCATION TRANSFER CURRICULUM (IGETC)

El Comité de Senadores Académicos recientemente aprobó el programa IGETC el cual será implementado a partir del otoño de 1991. IGETC es un sistema de cursos de los cuales estudiantes de colegios comunitarios pueden utilizar para satisfacer los requisitos de nivel preparatorio de educación general en cualquier universidad Estatal de California (CSU) o Universidad de California (UC). IGETC ofrece una opción para los requisitos de educación general del sistema de la Universidad de California. El programa de Transfer Core Curriculum del sistema de Universidades de California (UC). Es importante notar que IGETC reemplaza la opción de UC Transfer Core Curriculum, y los estudiantes de nuevo ingreso (aquellos que ingresan en el otoño de 1991 o después) tendrán que llenar los requisitos delineados en IGETC. A estudiantes de ingreso continuo que han seguido los requisitos de Transfer Core Curriculum la Universidad de California les aceptará este plan hasta la primavera de 1993.

El programa de Interssegmental General Education Transfer Curriculum le permitirá a los estudiantes transferirse de un colegio concreto a cualquier de los dos sistemas universitarios, CSU o UC, sin la necesidad de tener que tomar cursos adicionales de nivel preparatorio después de transferirse a dicha universidad.

Estudiantes interesados en IGETC tendrán que consultar a un asesor académico para recibir más información.

CURRICULUM OCUPACIONAL

El Colegio del Valle Imperial a desarrollado programas de carreras que reflejan las oportunidades de empleo en nuestra región. Consiste en apoyo proporcionan ayuda al colegio para poder asegurarse que los estudiantes reciban la mejor educación y oportunidades de empleos después de graduación del colegio.

Al desarrollar el estudiante su programa de especialización, el estudiante deberá plantear en satisfacer los requisitos para un título de Asociate Degrees (A.A. o A.S.). Se recomienda que el estudiante plantee un programa extenso de estudio incluyendo cursos de educación general.

CURSOS DE INSTRUCCION

En la siguiente lista de cursos, el número de unidades se indica entre paréntesis después del número del curso.

Para hacer posible que se ofrezca un mayor número de cursos para los estudiantes del Valle Imperial, muchos de los cursos en áreas especializadas se ofrecen en forma alterna. El estudiante debe considerar esto cuando elige cursos de estudio a largo plazo.

Los números de las clases seguidos por una sección AB indican que la clase se puede tomar más de una vez, y se cubrirá el mismo material, para así obtener dos veces la materia. Los números de clase que tienen sección de AA o BB con una descripción de curso diferente indican que nuevo material sera presentado durante la clase.

Las descripciones de cursos seguidos por una anotación de (CSU, UC) indican que la clase es transferible a este sistema universitario, o en algunos casos a los dos sistemas.

El estudiante debe comunicarse con su asesor para determinar cuales clases aplican a su carrera.

POLIZA Y PROCEDIMIENTOS PARA VALIDAR PREREQUISITOS

Para obtener información detallada sobre la poliza de requisitos consulte con un asesor académico.

SESION DE VERANO

El calendario de la sesión de verano y requisitos de admision se pueden encontrar en el horario de Clases de Verano el cual se publica durante el semestre de primavera.

CABRILLO ARTICULATION NUMBER (CAN)

California Articulation Number (CAN) identifica cursos transferibles, de bajo nivel, y de introducción (preparatorios) que se enseñan en colegios comunitarios en cada disciplina académica. El sistema CAN asegura que los cursos en cierto colegio sean aceptados en otro colegio que participe en el sistema CAN. Por ejemplo, CAN 2 e 1 en un colegio sera aceptado en otro colegio como CAN Econ 2.

Para obtener una lista de cursos designados como CAN consulte con un asesor académico.
### COURSES OF INSTRUCTION

In the following list of courses, the credit value of each course in a semester unit is indicated by a number in parentheses after the course title.

To make it possible for a greater number of courses to be offered to the students of Imperial Valley, many courses in specialized fields are offered on alternate years only. The student should take this into consideration when making long-range plans.

Course numbers followed by an AB sequence indicate that the course may be taken more than once, covering the same materials, to gain proficiency in the subject matter. Course numbers which have an A and B sequence with different course descriptions indicate that new or advanced materials are to be covered.

Course descriptions followed by the notation (CSU, UC) indicate that the course is transferable to the California State University system, to the University of California system, or both. A student should consult his advisor to determine which courses are applicable to his/her educational objective.

### COURSE DESCRIPTIONS

1. The prerequisite is not necessary for success in the course.
2. The student has the knowledge or ability required in the course despite not meeting the prerequisite.
3. The prerequisite is discriminatory or is being applied in a discriminatory manner.

Unless specifically exempted by statute, every course, section, or class, the average daily attendance of which is to be reported for state aid, wherever offered and maintained by Imperial Community College District, shall be fully open to enrollment and participation by any person who has been admitted to the college and who meets such prerequisites as may be established pursuant to Chapter II, Division 2, Part VI, Title 5 of the California Administrative Code commencing with Section 51520 (Board of Trustees Resolution No. 5568).

### SUMMER SESSION

(When Offered)

Summer session calendar and admission requirements may be found in the Summer Session Bulletin or Schedule of Classes which is published during the Spring Semester.

### CALIFORNIA ARTICULATION NUMBER (CAN)

The California Articulation Number (CAN) identifies some of the transferable, lower division, introductory (preparatory) courses commonly taught within each academic discipline on California college campuses.

The system assures that CAN courses on one participating campus will be accepted in lieu of the comparable CAN course on another participating campus. For example: CAN ECON 2 on one participating campus will be accepted for CAN ECON 2 on another participating campus.

### ADMINISTRATION OF JUSTICE

#### Credit for Administration of Justice Coursework

Policies:
- Students who have successfully completed a certified Basic Academy Program in Law Enforcement within the last three years, may petition for Imperial Valley College coursework credit within the Administration of Justice curricula. Credit may be given upon documentation of Academy completion and Division Chief approval.

The following certified training academies meet the course requirements listed below:

- **U.S. BORDER PATROL ACADEMY**
  - Adm Jus 28 3.0 Units Police Community Relations
  - Adm Jus 29 3.0 Units Criminal Law
  - Adm Jus 31 3.0 Units Prosecution

- **CALIFORNIA HIGHWAY PATROL ACADEMY**
  - Adm Jus 33 3.0 Units Traffic Control & Vehicle Code
  - Adm Jus 34 3.0 Units Criminal Law

- **CALIFORNIA P.O.S.T. BASIC ACADEMY**
  - Adm Jus 21 3.0 Units Intro to Administration of Justice
  - Adm Jus 22 3.0 Units Criminal Law
  - Adm Jus 23 3.0 Units Prosecution

- **CALIFORNIA DEPARTMENT OF CORRECTIONS ACADEMY**
  - Adm Jus 24 3.0 Units Probation and Parole
  - Adm Jus 25 3.0 Units Administration of Justice

### POLICE COMMUNITY RELATIONS

3 Hrs.LEC.

Through interaction and study, the student will become aware of the relationship and role expectations among the various agencies and the public. Emphasis will be placed upon professional image and the development of positive relationships between members in the criminal justice system and the public. Concepts of human relations as they apply to administration of justice issues, future trends, and training will be discussed.

### CRIMINOLOGY

3 Hrs.LEC.

This course explores the nature of crime, measurement and research of crime, the extent of crime, major theories of crime causation, criminal typologies, criminal justice system response to crime, and societal reaction to crime. (Same as SOC 33) (CSU)

### CONCEPTS OF PROBATION AND PAROLE

3 Hrs.LEC.

A survey of the historical development of probation and parole from early court procedures through modern practices with an
emphasis on the operation of probation and parole agencies in California including such topics as probation and parole laws and procedures. (CSU)

ADM JUS 32 (3) POLICE FIELD OPERATIONS 3 Hrs. Lab. Corequisite: ADM JUS 30. (Recommended): The development, function and techniques of patrol, observation skills; development, traffic and preliminary investigation duties, learning complaints and requests for service; public and community relations and basic crime prevention. The mechanics of field interviews, search and arrests, note-taking and police report essentials. Familiarization with basic police equipment and handling of community crime incidents. (CSU)

ADM JUS 33 (3) TRAFFIC CONTROL AND VEHCILE CODE 3 Hrs. Lab. The study of traffic control and Vehicle Code problems. This course is designed to familiarize the student with the California Vehicle Code and interpret the various sections, thereby gaining and demonstrating the working knowledge of the Code. The student will demonstrate proper traffic control procedures as it relates to the Vehicle Code. (CSU)

ADM JUS 34 (3) CRIMINAL INVESTIGATION 3 Hrs. Lab. Fundamentals of investigation; techniques of crime scene recording and search; collection and preservation of physical evidence; modes of crime and the criminal processes. The relationship of investigations within the criminal justice system and an overview of the organization and management within corrections. (Same as CSI 21) (CSU)

ADM JUS 35 (3) INTRODUCTION TO CORRECTIONS 3 Hrs. Lab. Prerequisite: Eng 2B (2B recommended). A study and survey of the historical influences and contemporary approaches to the control of crime and the correctional process. The relationship of the causes within the criminal justice system and an overview of the organization and management within corrections. (Same as CSI 22) (CSU)

ADM JUS 36 (3) TRAFFIC ACCIDENT INVESTIGATION AND REPORTING 3 Hrs. Lab. Prerequisite: Eng 2B (2B recommended). This course is designed to provide the student with the basic knowledge required to investigate, interview, and complete a traffic accident report. Emphasis on investigation, interrogation, and report writing that is required by law enforcement officers in the course of their duties. (CSU)

ADM JUS 37 (3) JUVENILE CONTROL 3 Hrs. Lab. Techniques of handling juvenile offenders and victums, prevention and intervention, and the consequences of delinquency; diagnosis and referral, organization of community resources, juvenile law and juvenile procedure. (CSU)

ADM JUS 38 (3) WILDFIRE LAW ENFORCEMENT 3 Hrs. Lab. This course is designed to provide the students with the basic knowledge necessary to understand the importance of wildfire law enforcement as an essential tool of wildfire management in the perpetuating, protecting, and managing of fish, wildlife, and other natural resources. (CSU)

ADM JUS 39 (3) REPORT WRITING FOR ADMINISTRATION OF JUSTICE 3 Hrs. Lab. This course is designed to provide the student with a basic knowledge of how to conduct a successful preliminary investigation of a crime and how to recognize and record that information. Emphasis on practical aspects of report preparation and writing required by law enforcement officers in the course of their duties. Techniques of communicating facts, information and ideas effectively in a simple, clear and logical written form for use in the criminal justice system. (Same as CSI 22) (CSU)

ADM JUS 40 (5-3) ADVANCED OFFICERS COURSE 1 Hr. Corequisite: ADM 34. (Current Employment for 0.5 of this course is an alternative prerequisite. May be required for additional credit with new content.) (CSU)

RESERVE OFFICER PROGRAM Imperial Valley College offers an extended format Peace Officer Reserve Program. Students entering the program have three options on the career ladder:

Level III Upon successful completion the student is eligible to be hired for limited employment. The officer cannot provide general law enforcement services. The officer may be uniformed and armed but cannot be placed in jeopardy of harm or exposed to an environment where personal injury is likely. The officer may work alone if the specific task can be performed without injury.

Level II Upon successful completion the student is eligible to be hired as a fully powered police officer while on duty. He or she must be in the immediate area of a regular police officer who possesses a P.O.S.T. Basic Certificate (or higher). The officer may work alone during "special assignments" as long as the activity is not general law enforcement in nature.

Level I Upon successful completion the student is eligible to be hired to exercise full police power officers. He or she may work alone and perform "general law enforcement duties."

Students who successfully complete the program will be granted a certificate from the Administration of Justice Department. The Imperial Valley College Reserve Officer Program is approved by the California Peace Officers Standards and Training Commission (CPST).
AGET 33B (5)
FARM HYDRAULICS
3 Hrs. Lec. 6 Hrs. Lab.
Prerequisites: Aget 33A or 2 years of high school auto mechanics.
Review and advanced study of the internal combustion engine and service procedures in the use of automotive machine shop tools and machines for rebuilding the engine. (Same as Auto Tech 55) (CSU)

AGET 34 (4)
POWER TRANSMISSION SYSTEMS
3 Hrs. Lec. 3 Hrs. Lab.
Theory of operation and maintenance of power transmitting devices, such as transmissions, clutches, hydromatic drives, differentials, and drive trains used in both wheel and track type equipment. (CSU)

AGET 35 (3)
FLUID POWER
2 Hrs. Lec. 2 Hrs. Lab.
(Same as Auto Tech 57) (CSU)

AGET 37 (3)
SMALL GASOLINE ENGINES
2 Hrs. Lec. 2 Hrs. Lab.
(Same as Auto Tech 59) (CSU)

AGET 39 (4)
FUNDAMENTALS OF DIESEL POWER
3 Hrs. Lec. 3 Hrs. Lab.
The study of diesel engine theory, design, construction, and repair of heavy duty power units. (CSU)

AGET 75 (3)
BASIC SHOP SKILLS
3 Hrs. Lec.
(Same as Auto Tech/Wehl 75) (Nontransferable, AA/AS degree only)

AGRICULTURE

Many of the courses in the field of agriculture are offered on alternate years only. Students should keep in mind as they plan their long-range programs of study with the assistance of their counselors.

AG 5 (3)
MAN AND HIS ENVIRONMENT
3 Hrs. Lec.
(Same as Env Sci 5) (CSU, UC)

AG 14 (3)
ENTOMOLOGY
2 Hrs. Lec. 2 Hrs. Lab.
A basic study of insects with emphasis on classification, anatomy and physiology, and ecology. An insect collection is required. (CSU, UC)

AG 15 (1)
Pesticide Safety
1 Hr. Lab.
Pesticide safety training for employees who handle and use chemical pesticides. (Nontransferable, AA/AS degree only)

AG 20 (3)
ANIMAL SCIENCE
3 Hrs. Lec.
A survey of the sources of the world’s supply of animal products. The distribution and use of factors influencing domestic animals in the United States. The origins, characteristics, and adaptation of the important breeds and the influence of environment upon their development. Selection, feeding and management of sheep, swine and cattle on California farms. (CSU, UC)

AG 21 (3)
FEEDS AND FEEDING
3 Hrs. Lec.
Prerequisite: Ag 20
The basic principles of animal nutrition as they are applied to livestock feeding; the composition and use of feed stuffs in their relation to feeding of farm animals; ratios balancing. Identification and classification of feeds, methods of preparing feeds; relative value for each class of livestock. Digestion and utilization of feeds; feeding standards; economy in feeding; vitamins and minerals and feed sources. (CSU)

AG 22 (3)
INTRODUCTION TO AGRICULTURAL ECONOMICS
3 Hrs. Lec.
Introduction to the economic aspects of agricultural management. The role of agricultural resources in economic growth. Survey of trade, policy, and marketing activities of agriculture. (CSU, UC)

AG 23 (3)
ANIMAL DISEASES
3 Hrs. Lec.
The symptoms, diagnosis and treatment of animal diseases. (CSU)

AG 24 (3)
HORSE HUSBANDRY
3 Hrs. Lec.
Status of the horse industry; types and breeds; selection, care and management and economics of the light horse; their place and use in California and the United States. (CSU)

AG 25 (3)
AG BUSINESS MANAGEMENT
3 Hrs. Lec.
(Same as Bus 25) (CSU)

AG 26 (3)
AGRICULTURAL BUSINESS ORGANIZATION AND MANAGEMENT
3 Hrs. Lec.
Prerequisite: Ag 25
Study of farm technological advance, marketing, consumer demand and other such factors as determinants of growth, types and forms of agricultural business organization. Farm and farm-related businesses considered from standpoint of primary functions, services and problems including investments, mortgage and working capital requirements, credit and collective buying with banks, failure and reorganization. Emphasis on California farm-related industries. (CSU) (UC credit limited. See a counselor.)

AG 27 (3)
AGRICULTURAL SALES AND SERVICE MANAGEMENT
3 Hrs. Lec.
Supervision of people who sell agricultural products and services. Selecting, training, directing and evaluating personnel. Methods of payment, use of advertising, promotion, incentives and service. (CSU)

AG 29 (3)
COMPUTER APPLICATIONS IN AGRICULTURE
2 Hrs. Lec. 2 Hrs. Lab.
Introduction to terminology, programs, and commands used in computer applications as applied to agriculture business and production. (CSU)

AG 30 (3)
FOOD AND FIBER IN A CHANGING WORLD
3 Hrs. Lec.
Relationship of agriculture and natural resources to society. Where do our food and fiber come from? How does agriculture affect the dynamics of our society? What are the issues and opportunities in agriculture now and in the future? (CSU)

AG 31 (3)
IRRIGATION AND DRAINAGE
2 Hrs. Lec. 2 Hrs. Lab.
Prerequisite: Ag 40
Fundamental principles and practices of irrigation. Soil moisture relationships, water measurement, methods of irrigation, crop requirements, farm irrigation structures. Pumps and pumping and problems of the irrigation farmer. Land preparation and irrigation methods, problems of irrigation, crop requirements, farm irrigation structures including investigation of drainage problems. Types of drainage systems and layout of farm drains, and drainage requirements for land reclamation and irrigated agriculture. (CSU)

AG 32 (3)
AGRICULTURAL CONSTRUCTION
2 Hrs. Lec. 2 Hrs. Lab.
Study of the materials and processes most suited to farm situations. Practical concrete design, farm layout and fabrication. (CSU)

AG 33 (4)
AGRICULTURAL ELECTRICITY
3 Hrs. Lec.
Prerequisite: Ag 40
Fundamentals of electric wiring; circuit layout and problems, motor and branch circuit protection, safe use of electricity, motor maintenance, wiring buildings and homes. (CSU)

AG 38 (3)
POWER ELECTRICITY
2 Hrs. Lec. 2 Hrs. Lab.
Prerequisite: Ag 40
Fundamentals of electric wiring; circuit layout and problems, motor and branch circuit protection, safe use of electricity, motor maintenance, wiring buildings and homes. (CSU)

AG 40 (3)
SOILS
2 Hrs. Lec. 3 Hrs. Lab.
Prerequisites: Math X and Chem 2A
Physical, chemical and biological properties of soils as related to agriculture. Principles of soil-plant interactions; development of the soil as a natural body; soil moisture; effect of management practices on soil properties; composition and use of fertilizers. (CSU, UC)

AG 41 (3)
FERTILIZERS
3 Hrs. Lec.
Prerequisite: Ag 40. The nature of fertilizers and soil amendments, their properties, methods of application, and reaction upon soils and plants. Composition, value and use of fertilizer materials and soil correctives. Methods employed in the manufacture, distribution, and application of fertilizers. (CSU)

AG 42 (4)
INTRODUCTION TO CROP SCIENCE
3 Hrs. Lec. 3 Hrs. Lab.
Principles and practices of crop improvement, propagation, production, processing, storage, and marketing. Production, harvest and utilization of principal California crops. Field laboratory work required. (CSU, UC)

AG 43 (4)
FIELD AND CEREAL CROPS
3 Hrs. Lec. 3 Hrs. Lab.
Principles and practices of field and cereal crop production and soil management, including study of distribution, adaptation and utilization of the major field and cereal crops. Field laboratory work required. (CSU, UC)

AG 44A (2)
VEGETABLE GARDENING - COOL WEATHER
6 Hrs. Lab.
Organic and inorganic production in vegetable gardening. Cultural practices, harvesting, grading and processing, marketing, disease and pest control of California vegetable crops. (CSU)

AG 44B (2)
VEGETABLE GARDENING - WARM WEATHER
6 Hrs. Lab.
Organic and inorganic production in vegetable gardening. Cultural practices, harvesting, grading and processing, marketing, disease and pest control of California vegetable crops. (CSU)

AG 45 (3)
VEGETABLE PRODUCTION
3 Hrs. Lec.
Prerequisite: Ag 40
Vegetable production. Principles involved in seasonal truck crop production, including the scope, value, harvesting, packaging and marketing of the major truck crops grown in California. (CSU)

AG 46 (3)
ORNAMENTAL PLANT IDENTIFICATION AND MATERIALS
3 Hrs. Lec.
Identification, growth habits, culture and ornamental use of house plants, vines, groundcovers, annuals, perennials, small shrubs adapted to the climate of the southern valleys of California. (CSU)

AG 47 (3)
NURSERY PRACTICES
2 Hrs. Lec. 3 Hrs. Lab.
A general course in ornamental horticulture with emphasis on nursery operation. Includes nursery structure and layout, seeding, transplanting, potting, grading, fertilizing, pest control, plant diseases, and abnormalities. Propagating and planting...
mediums, their preparation and use. The use and maintenance of the common tools and equipment. (CSU)

AG 48 (3) TREES, SHRUBS AND VINES 3 Hrs. Lect.
Selection, planting, training, pruning and cultural practices of trees, shrubs, and vines in California - including citrus and grapes. (CSU)

AG 49 (3) WEEDS AND WEED CONTROL 3 Hrs. Lect.
Common and noxious weeds of California, their identification, life history, and control. Chemicals and equipment used for weed control on cultivated land, in irrigated ditches, on the range, and on wasteland. Poisonous weeds, their effects and prevention. (CSU)

AG 51A (1) APPLIED CROP MANAGEMENT 1 Hr. Lect.
The study and evaluation of cropping, and harvesting methods and management practices during fall months. (CSU)

AG 51B (1) APPLIED CROP MANAGEMENT 1 Hr. Lect.
The study of field management practices during spring months. (CSU)

AG 51C (1) APPLIED CROP MANAGEMENT 1 Hr. Lect.
The study and evaluation of cropping methods and crop rotation practices. (CSU)

AG 51D (1) APPLIED CROP MANAGEMENT 1 Hr. Lect.
The study and evaluation of cropping methods for the Imperial Valley. (CSU)

AG 65 (3) CONTROL OF INSECTS AND OTHER PESTS 3 Hrs. Lect.
Identification and methods of control of principle insects, rodents, disease, and other pests of crops. Use of pesticide application equipment. Health hazards in use of pesticides. (Nontransferable, AAAS degree only)

ALCOHOL AND DRUG STUDIES

ADS 11A (3) PRACTICUM 1 Hr. Lect., 6 Hrs. Lab. field experience per week (Same as HR/Psych 11A) (CSU)

ADS 11B (3) PRACTICUM 1 Hr. Lect., 6 Hrs. Lab. field experience per week (Same as HR/Psych 11B) (CSU)

ADS 15 (3) SOCIAL AND PSYCHOLOGICAL DYNAMICS OF DRUG USE 3 Hrs. Lect. (Same as Psych/Sociol 15) (CSU)

ADS 50 (3) HUMAN SERVICES IN A CHANGING SOCIETY 3 Hrs. Lect.
History, philosophy and the development of thought in social work. A content area designed to identify and analyze help services in urban and rural America. Observation and reporting techniques will be emphasized. This course will identify new programs and careers in the emerging Human Services field. (Same as Sociol 50) (CSU)

ADS 51 (3) ALCOHOLISM: INTERVENTION, TREATMENT AND RECOVERY 3 Hrs. Lect.
This course will serve as an introduction to assessment and treatment approaches to alcoholism and drug abuse. Alcoholism will be studied in its social and clinical context. Attention will be given to the basic theoretical approaches to the disease. This course will examine the various components of intervention, treatment and recovery. (CSU)

ADS 52 (3) PHYSIOLOGICAL EFFECTS OF ALCOHOL AND DRUGS 3 Hrs. Lect.
The course is designed to provide the student with information on the processing systems of the body and how they react to alcohol and drugs. This course will seek to explain when and how drugs act and why. The course will bring about an understanding of how drugs influence consciousness, mood, and feeling. It will enable students to understand that both the internal and external environments have important effects on the well-being of the individual. (CSU)

ADS 53 (3) GROUP LEADERSHIP AND GROUP PROCESS 3 Hrs. Lect.
Prerequisite: ADS/Psych 9. This course will introduce the student to group theory and process, and how groups affect the whole social scene. It will examine membership in and leadership of various kinds of groups, emphasizing group process. Consideration will be given to goals and strategies of social change and the necessity for social change in relation to personal and social values. The factors involved in problems of communications, effective group interaction, and general group growth also will be highlighted, emphasizing the group process as a means of changing behavior. (Same as Psych 53) (CSU)

ADS 54 (3) FAMILY COUNSELING APPROACHES TO ALCOHOL AND DRUG ABUSE 3 Hrs. Lect.
A course designed to present basic ideas and theories about family dynamics, particularly as they apply to the family of the substance abuser, and to explore strategies for counseling the client's family. The approach is highly experimental in format and students will participate in exercises frequently to incorporate new skills and theory. (CSU)

ADS 55 (3) CRISIS INTERVENTION AND REFERRAL TECHNIQUES 3 Hrs. Lect.
Prerequisite: ADS/Psych/HR 9. Techniques used for brief therapy crisis intervention, intake interviewing and referral will be studied and practiced. Special attention will be given to the process of intervention, admitting, and recording of information as it pertains to alcohol and drug abuse clients. Through this experiential format, participants will learn and practice skills in brief therapy, different levels of client communication and intake interviewing. (Same as Psych 55) (CSU)

ADS 56 (3) PROGRAM MANAGEMENT TECHNIQUES 3 Hrs. Lect.
This course will introduce students to basic management principles as applied to Substance Abuse programs. Topics will include funding, budgeting and policy development as well as issues related to staff selection, supervision and program evaluation. (CSU)

ADS STABCD (3, 1-3, 1-3, 1-3) CURRENT ISSUES IN DRUG ABUSE 1-3 Hrs. Lect.
A variety of one-unit courses covering current, specialized areas in alcohol and drug abuse. As the field changes, the semester offerings will vary. Such topics as Women and Alcoholism, Alcohol and Sexuality and Intimate Relationships, Cross-cultural Counseling Techniques, Children of Alcoholics, Substance Abuse and the Law, and Counseling the Adolescent Abuser will be included. (CSU)

ANATOMY

ANAT 4 (3) HUMAN ANATOMY AND PHYSIOLOGY FOR HEALTH OCCUPATIONS 3 Hrs. Lect.
Introductory study of the structure and function of the human organism. Credit is structured for health occupation students. It is not acceptable for pre-medical, pre-dental, pre-chiropractic, pre-physical therapy or registered nursing students, and it is not open to students who have completed Anat 8 or Anat 10 with a grade of "C" or better. (Nontransferable, AAAS degree only)

ANAT 8 (4) HUMAN ANATOMY 2 Hrs. Lect., 6 Hrs. Lab.
Prerequisite: High School biology with a grade of C or better or the human body and their interrelationships. (CSU) (UC credit limited. See a counselor.)

ANTHROPOLOGY

ANTHRO 1 (3) PHYSICAL ANTHROPOLOGY 3 Hrs. Lect.
The process and cause of human evolution; mankind's place in nature and the study of primates; the biological variability of living peoples and their genetic background. (CSU, UC)

ANTHRO 2 (3) CULTURAL ANTHROPOLOGY 3 Hrs. Lect.
A study of culture and its relationships to biology and to natural environment. Stresses the origin and evolution of culture, and the part that culture assumed in human biological maintenance. Examines types of social organizations and economic systems, religions and arts. (CSU)

ANTHRO 3A (3) INTRODUCTION TO ARCHAEOLOGICAL SITE SURVEYING 2 Hrs. Lect., 5 Hrs. Lab.
Historical development of archaeology and the importance of site surveying; archaeological theory - Middle Range Theory; methods in site surveying; types of sites; laboratory preparation; use and care of field equipment. (CSU)

ANTHRO 3B (3) INTRODUCTION TO ARCHAEOLOGICAL EXCAVATIONS 2 Hrs. Lect., 5 Hrs. Lab.
Prerequisite: Anthro 3A and Anthro 3C. Determine a site to be excavated, bases pertaining to excavations; laying out a site with grid and rod; test pits versus trench excavations; stratigraphy; record keeping; screening and collecting; photography; preparation of laboratory and museum materials; pollen, soils, and C 14 tests. (CSU)

ANTHRO 3C (3) ADVANCED ARCHAEOLOGICAL SURVEY 2 Hrs. Lect. 5 Hrs. Lab.
Labwork: Anthro 3A. Conduct independent surveys, or lead small survey crews; devise research designs; write reports from field notes, maps, photographs and prior records; conduct records and literature searches and catalogue specimens. (CSU)

ANTHRO 3D (3) ADVANCED ARCHAEOLOGICAL EXCAVATIONS 2 Hrs. Lect. 5 Hrs. Lab.
Prerequisite: Anthro 3B. Design a field excavation project; select proper equipment; lay out a field crew. Conduct record and literature searches; micromapping the project area; pit or trench technique; conduct the dig; screening, selecting, and bagging
ART 4 (3)
HISTORY AND APPRECIATION OF MODERN ART
3 Hrs. Lect.
Art is a broad analytical survey of painting, sculpture and architecture from 1900 to the present. Emphasis is placed upon the development of styles of painting and their relationship to each other.
(CSU, UC)

ART 5 (3)
WOMEN ARTISTS
3 Hrs. Lect.
Prerequisites: Anthro 16A or Anthro 16B. A survey of the great women artists from the Industrial Revolution. Many of the artists to be discussed are: Elizabeth Sirani, Judith Leyster, Elizabeth Vigee LeBrun, Mary Cassatt, Kate Kollwitza, Frida Kahlo, Georgia O'Keeffe, Helen Frankenthaler. The course will also address the special issues and problems concerning the study of women artists, past and present.
(CSU, UC)

ART 18A (3)
WATERCOLOR PAINTING
2 Hrs. Lect. 4 Hrs. Lab.
The study of watercolor painting with emphasis upon color, composition and pictorial expression. Exploration of various techniques employing the medium of watercolor. (CSU) (UC credit limited. See a counselor.)

ART 18B (3)
WATERCOLOR PAINTING
2 Hrs. Lect. 4 Hrs. Lab.
Prerequisite: Art 18A. Continuation of watercolor painting. Stress is on achieving confidence and fluency in the medium. Students are encouraged to expand the range of the experience acquired in the previous course. (CSU) (UC credit limited. See a counselor.)

ART 20A (3)
(CAN ART 2)
DRAWING
3 Hrs. Lect. 4 Hrs. Lab.
A basic course in drawing involving analysis of line, form, tone, texture and color as essential media of expression. (CSU) (UC credit limited. See a counselor.)

ART 20B (3)
DRAWING
2 Hrs. Lect. 4 Hrs. Lab.
Prerequisite: Art 20A. A continuation of 20A. (CSU) (UC credit limited. See a counselor.)

ART 20C (3)
DRAWING
2 Hrs. Lect. 4 Hrs. Lab.
Prerequisites: Art 20B and Art 200. A continuation of 20B with a focus on developing drawing as a terminal medium. (CSU) (UC credit limited. See a counselor.)

ART 210A (3)
aminer
2 Hrs. Lect. 4 Hrs. Lab.
Prerequisite: Art 20C. A continuation of 20C with a focus on advanced techniques to develop drawing as a terminal medium. (CSU)

ART 21A (3)
PAINTING
2 Hrs. Lect. 4 Hrs. Lab.
Prerequisites: Art 20B and 200. A continuation of the development of composition and the various techniques employed in drawing and painting. Includes figure drawing, landscape, and still-life. Painting covers styles of painting from the Neo-classic to the present day. (CSU) (UC credit limited. See a counselor.)

ART 21B (3)
PAINTING
2 Hrs. Lect. 4 Hrs. Lab.
Prerequisite: Art 21A. A continuation of 21A. (CSU) (UC credit limited. See a counselor.)

ART 21C (3)
PAINTING
2 Hrs. Lect. 4 Hrs. Lab.
Prerequisite: Art 21B. A continuation of 21B. (CSU)

ART 21D (3)
DESIGN
2 Hrs. Lect. 3 Hrs. Lab.
Prerequisite: Art 21B. Advanced studio problems in painting. (CSU)

ART 22A (3)
DESIGN
2 Hrs. Lect. 3 Hrs. Lab.
Prerequisites: Art 21A and Art 21B. A continuation of 21C. Advanced studio problems in painting. (CSU)

ART 22B (3)
DESIGN
2 Hrs. Lect. 3 Hrs. Lab.
Intermediate studies of elements and principles of design with emphasis on three-dimensional design theory. (CSU) (UC credit limited. See a counselor.)

ART 22C (3)
CERAMICS
2 Hrs. Lect. 4 Hrs. Lab.
Prerequisite: Art 22A. An introduction to ceramics, basic methods of forming, decorating, glazing and firing. (CSU) (UC credit limited. See a counselor.)

ART 23A (3)
CERAMICS
2 Hrs. Lect. 4 Hrs. Lab.
Prerequisite: Art 22B. An introduction to pottery making, control of form and glaze application. (CSU) (UC credit limited. See a counselor.)

ART 23B (3)
CERAMICS
2 Hrs. Lect. 4 Hrs. Lab.
Prerequisite: Art 23A. Continuing study of glaze techniques. Special emphasis on glaze formulation and decorating techniques. (CSU) (UC credit limited. See a counselor.)

ART 25A (3)
LIFE DRAWING
1 Hr. Lect. 5 Hrs. Lab.
Prerequisite: Art 24B. An advanced study of the human form with emphasis on drawing from the model. Many types of drawing and painting techniques are used to further the student's skill and development of visualization by drawing from the human figure. (CSU) (UC credit limited. See a counselor.)

ART 25B (3)
LIFE DRAWING
6 Hrs. Lab.
Prerequisite: Art 25A. A continuation of 25A. (CSU) (UC credit limited. See a counselor.)

ART 25C (3)
LIFE DRAWING
1 Hr. Lect. 5 Hrs. Lab.
Prerequisite: Art 25A. A continuation of 25A. (CSU) (UC credit limited. See a counselor.)

ART 25D (3)
LIFE DRAWING
1 Hr. Lect. 5 Hrs. Lab.
Prerequisite: Art 25A. A continuation of 25A. (CSU) (UC credit limited. See a counselor.)

ART 28 (3)
TECHNICAL CERAMICS
2 Hrs. Lect. 3 Hrs. Lab.
Prerequisite: Art 22C. A continuation of 22C with a focus on developing a personal style in ceramics. (CSU)

ART 30A (3)
BEGINNING SCULPTURE
2 Hrs. Lect. 4 Hrs. Lab.
Prerequisite: Art 24B. An introduction to materials, methods, and techniques with an emphasis on development of ideas and personal expression in three dimensions. Materials include clay, plaster, cement, wood, plastic and metal. (CSU)

ART 30B (3)
INTERMEDIATE SCULPTURE
2 Hrs. Lect. 4 Hrs. Lab.
Prerequisite: Art 30A. An introduction to materials, methods, and techniques with an emphasis on development of ideas and personal expression in three dimensions. Materials include clay, plaster, cement, wood, plastic and metal. (CSU)

ART 30C (3)
GALLERY DISPLAY
1 Hr. Lect. 4 Hrs. Lab.
Prerequisite: Art 30A. A continuation of 30A with emphasis on discovering the medium that best relates to the student's individual expression. (CSU)

ART 30D (3)
INTERMEDIATE SCULPTURE
2 Hrs. Lect. 4 Hrs. Lab.
Prerequisite: Art 24B. A continuation of 24B with emphasis on the student's individual expression. An introduction to materials, methods, and techniques with an emphasis on development of ideas and personal expression in three dimensions. Materials include clay, plaster, cement, wood, plastic and metal. (CSU)

ART 30E (3)
GALLERY DISPLAY
1 Hr. Lect. 4 Hrs. Lab.
Prerequisite: Art 30B. A continuation of 30B with emphasis on discovering the medium that best relates to the student's individual expression. (CSU)
...electrical circuits.

Prerequisite: Successful completion of at least 14 units in automotive technology, including Auto Shop and Advanced Auto Shop. Auto Tech applied shop practices is for advanced students who wish to refine technical skills prior to obtaining employment in the industry. (CSU)

**BUS 7 (3) HUMAN RELATIONS IN MANAGEMENT**

3 Hrs. Lect.

Study of Human Relations as they apply to management. Topics covered will include motivation, and interpersonal relations, communication, leadership and supervision, ethics, human resource management, organizational development, and effective management skills. (Same as HR 7) (CSU)

**BUS 8 (3) HUMAN RESOURCES MANAGEMENT**

2 Hrs. Lect.

This course describes the critical issues facing the human resource management profession today. Topics include: personnel planning, training, and development; employee benefits; labor and employment legislation; and performance appraisal. (CSU)

**BUS 9 (3) RECORDS MANAGEMENT**

3 Hrs. Lect.

Lecture and supervised student paper and file operation. Introduction to the basic concepts of records management. It explores ways of entering small business; describes the process for starting a new business venture; explains the personal appraisal techniques for getting into small business; explains market assessment, market research, site selection, and factors that affect business operations as it relates to starting a business, including planning, organizing, staffing, and controlling, and explains the basics of production management and quality control. (CSU)

**BUS 10 (3) PERSONAL DEVELOPMENT FOR EMPLOYMENT**

3 Hrs. Lect.

A thorough study of the process and practice of obtaining employment in the business world. Designed to meet the special needs of students in the fields such as: Marketing-Distribution; Business Supervision; Secretarial-Clerical; Accounting-Bookkeeping; and Data Processing, etc. Skills development in the areas of job search, employer contact, resume writing, interviewing techniques, interview follow-up, proper dress, and job-holding practices. (CSU)

**BUS 20 (3) BEGINNING KEYBOARDING**

2 Hrs. Lect. 3 Hrs. Lab.

Designed to teach the fundamental skills and knowledge of keyboarding. The student is introduced to the basic concepts of keyboarding production. (CSU)

**BUS 23 (3) OFFICE MACHINES**

3 Hrs. Lect. 3 Hrs. Lab.

Prerequisite: Math 51 recommended. Develop skills required for rapid and accurate operation of calculating machines. (CSU)

**BUS 24 (3) RECORDS MANAGEMENT**

3 Hrs. Lect.

Lecture and supervised individual and group procedural activity designed to acquaint students with productive filing and records management rules, procedures, and techniques. Alphabetic, numeric, geographic, and subject filing are studied. (CSU)

**BUS 25AB (3-3) KEYBOARDING: SPEED AND ACCURACY**

2 Hrs. Lect. 3 Hrs. Lab.

(3) Introductory. Expands ability to type at 20 net words per minute. (3) Advanced. An individualized diagnostic, prescriptive method of developing accuracy and speed. Emphasis is placed on development of keyboarding speed and accuracy ratings between 20-60 net words per minute. (CSU)

**BUS 26 (3) INTRODUCTORY STATISTICS WITH APPLICATIONS**

3 Hrs. Lect.

(CAN STAT 2) (Same as Math 12/Psych 13) (CSU, UC)

**BUS 28A (3) CERTIFIED PROFESSIONAL SECRETARY**

3 Hrs. Lect. 4 Hrs. Lab.

Prerequisite: Must pass 50 characters per minute, Bus 39 validation of the instructor. This course provides the opportunity for students to learn about and experience, in mock form, the first three sections of the Certified Professional Secretary examination. Discussion of eligibility requirements, efficient test-taking techniques, the
BUS 28B (3)  
CERTIFIED PROFESSIONAL SECRETARY II  
3 Hrs. Lec. 2 Hrs. Lab.  
Prerequisite: BUS 29A, 50 words per minute, BUS 30 (3)  
This course provides the opportunity to learn about and experience, in mock form, the second three sections of the Certified Professional Secretary examination. An overview of the Certified Professional Secretary exam will include fees, eligibility requirements, test dates and times, preparation for the exam and organization for study. (Nontransferable, nondegree applicable)

BUS 29A (3)  
WORD PROCESSING 1  
2 Hrs. Lec. 3 Hrs. Lab.  
Prerequisite: Ability to keyboard 20 wps. The course is designed to teach students to use word processing software on the microcomputer and to develop office technology skills using machine transcription equipment. (Formerly BUS 22A) (CSU)

BUS 29B (3)  
WORD PROCESSING 2  
2 Hrs. Lec. 3 Hrs. Lab.  
Prerequisite: Completion of BUS 29A. The course is designed to bring students to a production level required in today's office environment. Emphasis will be placed on producing business letters, reports, tables, and forms on the microcomputer. (Formerly BUS 21A/CSU)

BUS 30 (3)  
ADVANCED WORD PROCESSING  
2 Hrs. Lec. 3 Hrs. Lab.  
Prerequisite: Completion of BUS 29A. The course is designed to develop advanced word processing and desktop publishing functions. Using the advanced features as well as the graphic and desktop publishing capabilities, the student will develop the skills to complete the cycle of creating, editing, and printing a document on the microcomputer. Communication skills and formatting concepts will be emphasized in the course. (Formerly BUS 22B) (CSU)

BUS 31AC (3-3-3)  
SHORTHAND THEORY-SPEDIBUILDING  
2 Hrs. Lec. 3 Hrs. Lab.  
Prerequisite: Ability to keyboard 20 wps. A basic course in Gregg Shorthand. Theory and dictation practice. Designed for the needs of professional secretaries. (CSU)

BUS 39 (3)  
OFFICE PROCEDURES  
2 Hrs. Lec. 3 Hrs. Lab.  
Prerequisite: Ability to keyboard 20 wps. A course which covers business skills and stresses those competencies required of the office worker in today's business. (CSU)

BUS 40 (3)  
GRAMMAR AND USAGE  
3 Hrs. Lec. 4 Hrs. Lab.  
A review of the parts of speech, the structure of the sentence, and punctuation. Exercises to improve English usage will begin with the writing of various sentence types and progress to the writing of single descriptive and expository paragraphs. Graded on a pass-fail basis only. (Nontransferable, AA/AS degree only)

BUS 41 (3)  
ESSENTIALS IN BUSINESS CORRESPONDENCE  
2 Hrs. Lec. 4 Hrs. Lab.  
Prerequisite: Ability to type 40 wpm. The course covers the basic elements and skills necessary for effective business communications. The business vocabulary - pronunciation, spelling, punctuation, punctuation - with standard letter writing styles will be stressed. Open to students who have completed BUS 42. (Nontransferable, AA/AS degree only)

BUS 42 (3)  
BUSINESS COMMUNICATIONS  
3 Hrs. Lec. 4 Hrs. Lab.  
Prerequisite: Ability to type 40 wpm. The course will teach the skills and strategies necessary to be an effective business communicator in both writing and speaking. Written and oral assignments regarding memoranda, letters, and reports for business will be required. (CSU)

BUS 43 (3)  
BUSINESS CORRESPONDENCE IN SPANISH  
3 Hrs. Lec.  
Recommended for bilingual students with BUS 42 or equivalent. This course is designed to teach the student the principles of writing business correspondence in Spanish. Emphasis on vocabulary, business vocabulary and the writing styles used in Spanish business correspondence. (CSU)

BUS 44 (1-2)  
BUSINESS COMMUNICATION SKILLS  
1-2 Hrs. Lab.  
Designed to upgrade business communication skills needed in today's high-tech business office. Emphasis on creating and writing business correspondence. (CSU)

BUS 51 (3)  
MICROCOMPUTER KEYBOARDING  
1 Hr. Lec. 1 Hr. Lab.  
This course is designed to develop speed and accuracy in the use of the computer keyboard. The student will learn basic operations of a computer including using alphabetic, numeric and symbol keys as well as the numeric keypad. The course will also include the basic commands needed to format documents. (CSU)

BUS 66 (3)  
EFFECTIVE CUSTOMER SERVICE  
2 Hrs. Lec.  
This course is designed to develop the student's skills in understanding and dealing with customers in a variety of customer service situations. Class discussion focuses on the principles of effective customer service, generating positive customer relations.
CHEMISTRY

CHEM 1A (5)  GENERAL INORGANIC CHEMISTRY  3 Hrs. Lec.  6 Hrs. Lab.  Prerequisite: High school algebra or completion of pre-calculus math course. An introduction to chemistry, high school chemistry, and the scientific method of inquiry. This course will help students understand the chemistry of everyday life. The course will cover the basics of chemistry, including the atomic and molecular structure of matter, chemical bonding, and reaction stoichiometry. The course will also cover the periodic table, periodic trends, and the chemical properties of the elements. (CSI, UC)

CHEM 1B (5)  GENERAL ORGANIC CHEMISTRY  3 Hrs. Lec.  6 Hrs. Lab.  Prerequisite: Chem 1A or completion of pre-calculus math course. An introduction to organic chemistry, including the structure, properties, and reactions of organic compounds. The course will cover the chemistry of alkanes, alkenes, alkynes, aromatic compounds, functional groups, and reactions such as hydration, dehydration, and addition. The course will also cover the chemistry of carbohydrates, lipids, and proteins. (CSU, UC)

CHEM 2A (4)  ORGANIC CHEMISTRY  3 Hrs. Lec.  4 Hrs. Lab.  Prerequisite: Chem 1B. A study of various reaction mechanisms as they pertain to both aliphatic and aromatic compounds. Stereochemical properties of compounds are investigated and related to structures. This course is intended for students majoring in chemistry, pre-medical and biology majors. (Formerly Chem 12) (UC, UC)

CHEM 12B (4)  ORGANIC CHEMISTRY  3 Hrs. Lec.  3 Hrs. Lab. Prerequisite: Chem 12A with a grade of C or better. A continuation of Chem 12A with emphasis on organic chemistry and biological applications. The course will cover topics such as stereochemistry, functional groups, reactions, and biological applications. The course will also cover the chemistry of natural products and the chemistry of bioactive compounds. (CSU, UC)

COMPUTER INFORMATION SYSTEMS

CIS 1 (3)  INTRODUCTION TO INFORMATION SYSTEMS  3 Hrs. Lec.  An introductory course designed to teach the basic understanding of computer information systems, to survey computer hardware and software. To give the student hands-on experience on common business applications and to introduce the student to programming. (UC credit limited. See a counselor.)

CIS 10 (3)  PROGRAMMING IN COBOL  3 Hrs. Lec. Prerequisite: CIS 1. This course will cover the fundamentals of COBOL programming language and its syntax. The course will also cover the use of COBOL for business applications. (CSU credit limited. See a counselor.)

CIS 12 (3)  PROGRAMMING IN BASIC  3 Hrs. Lec. Prerequisite: CIS 1 recommended. A practical course covering various applications of BASIC programming language. The course will cover the use of BASIC for business applications. (CSU credit limited. See a counselor.)

CIS 14 (3)  PROGRAMMING IN FORTRAN  3 Hrs. Lec. Prerequisite: CIS 1. A continuation of the study of programming basics in a computer language. Hands-on experience with WordPerfect WORD PROCESSING software on the microcomputer. The course will cover the use of FORTRAN for business applications. (CSU credit limited. See a counselor.)

CIS 15 (3)  PROGRAMMING IN C  3 Hrs. Lec. Prerequisite: Knowledge of a computer programming language. The course will cover the fundamentals of C programming language and its use in business applications. (CSU credit limited. See a counselor.)

CIS 22 (3)  MICROCOMPUTER OPERATIONS: BOOKKEEPING AND ACCOUNTING  2 Hrs. Lec. 2 Hrs. Lab. Prerequisite: Bus 1A or Bus 10 or completion of computer analysis. A practical course which in students will have an opportunity to utilize a variety of computerized financial software and to complete "a practice set" thereby gaining microcomputer bookkeeping and accounting skills. (CSU)

CIS 23 (1)  MICROCOMPUTER OPERATIONS: HARDWARE AND SOFTWARE  1 Hr. Lab. An introductory course designed to familiarize computer users with the basic microcomputer system components, essential disk operating system commands, and computer terminology. Additionally, the student will become acquainted with the types of software typically used on microcomputer systems. (CSU)

CIS 25 (1)  MICROCOMPUTER OPERATING SYSTEMS: DOS  1 Hr. Lab. Designed to familiarize computer users with the system software commands that control the computer. The course will cover topics such as file management, program control, operating system commands, and computer terminology. Additionally, the student will become acquainted with the types of software typically used on microcomputer systems. (CSU)

CIS 30A (3)  WORD PROCESSING: WORDPERFECT I  1 Hr. Lab. Hands-on practice with WordPerfect WORD PROCESSING software on the microcomputer. The course will cover the use of WORDPERFECT for business applications. (CSU credit limited. See a counselor.)

CIS 30B (1)  WORD PROCESSING: WORDPERFECT II  1 Hr. Lab. Hands-on practice with WordPerfect WORD PROCESSING software on the microcomputer. The course will cover the use of WORDPERFECT for business applications. (CSU credit limited. See a counselor.)

CIS 35A (3)  SPREADSHEET: LOTUS 123  1 Hr. Lab. Prerequisite: CIS 35. A continuation of the study of spreadsheet applications. A practical course which in students will have an opportunity to utilize a variety of spreadsheet applications as a management tool. "What if" analysis and graphic presentations will be presented. (CSU)

CIS 35B (1)  SPREADSHEET: LOTUS 123  1 Hr. Lab. Prerequisite: CIS 35A or completion of the instructor. A sequence to the CIS 35A course. This course develops expertise in work sheet applications, teaches use of graphic presentations in work sheets, database use, and spreadsheets and develops use of functions and macros. (CSU)

CIS 36 (1)  SPREADSHEET: SYMPHONY  1 Hr. Lab. Emphasis on the presentation of data. A beginning course in the creation and use of spreadsheet applications as a management tool. "What if" analysis and graphic presentations will be presented. (CSU)

CIS 40A (1)  DATA BASE: dBASE  1 Hr. Lab. Emphasis on the use of dBASE III for data management. A course designed to present the basic data base concepts and to have the student become acquainted with business data base applications and their implementation. (CSU)

CIS 40B (1)  DATA BASE: dBASE IV  1 Hr. Lab. Prerequisite: CIS 40A. Designed to provide a computer programmer with an understanding of the technical aspects of the dBASE IV file management system. The course will cover the use of dBASE IV for business applications. (CSU)

CORRECTIONAL SCIENCE

CIS 21 (3)  INTRODUCTION TO CORRECTIONS  3 Hrs. Lec. (Same as Adm Jus 35) (CSU)

CIS 22 (3)  REPORT WRITING FOR ADMINISTRATION OF JUSTICE  3 Hrs. Lec. (Same as Adm Jus 39) (CSU)

CIS 23 (3)  CONCEPTS OF CRIMINAL LAW  3 Hrs. Lec. (Same as Adm Jus 23) (CSU)

CIS 24 (3)  CORRECTIONAL INTERVIEWING AND COUNSELING  3 Hrs. Lec. An overview of the techniques available to practitioners in Corrections in counseling and interviewing. The student will learn the use of appropriate techniques and theories in confidence building which may be used by the correctional employee in client interviews and counseling. A basic course for students planning to enter or already employed within the Correctional Science field. (CSU)
role played by the offender and the correctional worker. Introduces innate incarner res, violence and effect of crowing on innate and staff, addresses coping techniques for correctional officers in a hostile prison environment while discussing causes and effects of abusive tactics. (CSU)

DISABLED STUDENT PROGRAMS AND SERVICES

PL 1 (3)
UNDERSTANDING EXCEPTIONAL STUDENTS

1-2 Hrs. Lab.
Pre-requisite: PL3 1 and completion or concurrent enrollment in PsyCh 1A or PsyCh 3.

This course is designed to help the student understand that students may be classified as exceptional because of physical, mental, emotional, sensory, or learning disabilities. Designed for parents, as well as for teachers and para-professionals working with exceptional students. Surveys the entire exceptional spectrum from gifted to retarded through observation, participation and lecture. Students will learn how to develop teaching strategies for all the exceptions. (Same as BEC/PsyCh 27) (CSU)

PL 2AB (2-2)
PRACTICUM EXPERIENCE TO WORK WITH THE PHYSICALLY LIMITED PERSON

1 Hr. Lab. 3 Hrs. Lab.
Pre-requisite: PL 1 and completion or concurrent enrollment in PsyCh 1A or PsyCh 3.

This course is designed to extend the experience of students in sciences majors who wish to explore a specific area of contact with physically limited individuals. Experience may be gained on the college campus or in the field with deaf, blind, or other physically limited individuals. This course may be repeated to provide experience in a second area. Course may be taken for credit or letter grade. (CSU)

PL 3 (3-6)
SURVEY OF CAMPUS LIFE FOR THE PHYSICALLY LIMITED

1-4 Hrs. Lab.
Pre-requisite: PL 1 and completion or concurrent enrollment in PsyCh 1A or PsyCh 3.

This course is designed to help prepare the physically limited student for full or adaptive participation in community college activities, academic, social, vocational, and environmental. (CSU)

PL 4AB (2-2)
LIVING WITH A HEARING LOSS

2 Hrs. Lab.
A course designed to help reduce the communication barriers often present when a person has a hearing loss. The nature of each loss, the use of hearing aids, factors influencing lipreading ability, and problems arising from living with a hearing loss will be discussed. The course is designed specially for the mature person who has an acquired hearing loss. (Nontransferable, nondegree applicable)

PL 6ABCD (1-4, 1-4, 1-4, 1-4)
PERSOCAL AND SOCIAL ADJUSTMENT FOR THE PHYSICALLY LIMITED

1-4 Hrs. Lab.
This course is designed to help the physically limited student who has had some prior experience adapting to the educational completion. Encountered in college level classes because of deficiencies in their educational backgrounds. (Nontransferable, nondegree applicable)

PL 7ABCD (1-4, 1-4, 1-4, 1-4)
ACADEMIC SUPPORT SERVICES

2-8 Hrs. Lab.
This course is designed to provide academic support services to the physically limited and adaptive learning students who are taking classes in the area of natural science and math, behavioral and social science areas, humanities, fine arts and foreign language areas, English and speech areas, and vocational-occupational area. In addition, the course is designed to assist students in developing their basic skills. (Nontransferable, nondegree applicable)

PL 8ABCD (1-4, 1-4, 1-4, 1-4)
COUNSELING AND GUIDANCE SUPPORT SERVICES

2-8 Hrs. Lab.
This course is designed to provide counseling and guidance support services to physically limited and adaptive learning students by means of diagnostic testing, assistance with vocational education classes, assessment of individualized progress, and personal, academic, and vocational counseling. Students are transitioned into college through assistance with registration, financial aid, career planning, and ultimately into employment and/or baccalaureate programs. (Nontransferable, nondegree applicable)

PL 10 (4)
BEGINNING COMMUNICATION WITH THE DEAF

5 Hrs. Lab.
An introduction to American Sign Language and Signed English designed to provide basic communication skill and increased awareness of the psychology of an individual with a severe hearing impairment. This course will include definitions of hearing loss, history of deaf education and culture, communication issues, and legal rights, as well as emphasizing vocabulary development, syntax and idiomatic expressions used by the "typical" deaf adult. (CSU)

PL 11 (4)
INTERMEDIATE COMMUNICATION WITH THE DEAF

5 Hrs. Lab.
Prerequisite: Completion of PL 10 with a grade of B or higher, permission of the instructor. Sign language vocabulary enrichment and finger-spelling drill to increase speed, accuracy and rhythm in expressive and receptive abilities. Emphasis will be placed upon clarity of expression and appropriateness of vocabulary. Ethos, certification, role, and procedures of professional interpreting will be examined. Provides introductory sign-to-voice and voice-to-sign interpreting practice. (CSU)

PL 12 (3)
ADVANCED COMMUNICATION WITH THE DEAF

3 Hrs. Lab.
Prerequisite: Completion of PL 11 with a grade of B or higher, permission of the instructor. The course provides extended development of interpreting/translating skills. Students will have directed practice in interpreting in a variety of communication situations. Techniques of facial expression, body movement, and spatialization as it relates to American Sign Language will be studied. (CSU)

PL 12ABC (2-2-2)
COMMUNICATION WITH THE DEAF IN THE COLLEGE CLASSROOM

2 Hrs. Lab.
Prerequisite: Completion of PL 12 with a grade of B or higher, permission of the instructor. Develops students' knowledge of interpreting in an educational setting. Directed study will be done of vocabulary, conversational idiomatic or technical terms, and problem solving in the interpreting process. Laboratory hours will provide practical application of sign-to-voice techniques and experiential development of sign-to-speech skills. (CSU)

PL 15A (4)
READING AND SPELLING FOR STUDENTS WITH LEARNING DIFFERENCES

4 Hrs. Lee. 1 Hr. Lab.
Prerequisite: Need for basic instruction based on placement tests and individual interview. This course will teach adults with learning differences to read and to spell phonetically regular words in one- and two-syllable words having only short vowels, 40 sight words, and the spelling rules dealing with doubling the final consonant in one-syllable words. (Nontransferable, nondegree applicable)

PL 15B (4)
READING AND SPELLING FOR STUDENTS WITH LEARNING DIFFERENCES

4 Hrs. Lee. 1 Hr. Lab.
This course is a continuation of PL 15A with an emphasis on one-syllable words with a silent final e, words with digraphs, 50 sight words, two-syllable words with short vowels and vowel-consonant-e, and twosyllable words with the first syllable open and the second syllable having short vowel or vowel- consonant-e. (Nontransferable, nondegree applicable)

PL 15C (4)
READING AND SPELLING FOR STUDENTS WITH LEARNING DIFFERENCES

4 Hrs. Lee. 1 Hr. Lab.
This course is a continuation of PL 15B with an emphasis on various sounds of consonants, diphthongs, and various suffixes. (Nontransferable, nondegree applicable)

PL 15D (4)
READING AND SPELLING FOR STUDENTS WITH LEARNING DIFFERENCES

4 Hrs. Lee. 1 Hr. Lab.
This course is a continuation of PL 15C with an emphasis on consonants, silent consonants, various spellings of vowel and consonant sounds, and spelling rules dealing with adding suffixes to any word. (Nontransferable, nondegree applicable)

PL 23ABC (2-2-2)
TACTILE ART FOR THE PHYSICALLY LIMITED

4 Hrs. Lab.
A course designed to enrich the aesthetic experience of the physically limited student. Students will explore various art media and methods. (Nontransferable, nondegree applicable)

PL 24ABC (1-1-1)
GENERAL AND APPLIED MUSIC FOR THE VISUALLY HANDICAPPED

2 Hrs. Lab.
A course to provide experience with general music in terms of listening skills, elements, basic structure and style. Application of skills involving sensitivity to rhythm, pitch, sound and structure of music with the visually handicapped. Students will practice in singing and in rhythmic accompaniment. Course designed for the visually handicapped. (Nontransferable, nondegree applicable)

PL 27ABC (2-2-2)
COMMUNICATION ISSUES

2 Hrs. Lab.
This course develops a set of skills that will improve the ability to communicate, analyze and apply communication techniques to current issues. (Nontransferable, nondegree applicable)

PL 33 (3)
INTRODUCTION TO AUDIOLOGY

3 Hrs. Lee. 1 Hr. Lab.
Prerequisite: This course includes an introduction to the science of hearing, fundamentals of acoustics as they apply to audiological basic anatomy and physiology of the hearing mechanism, pathologies causing impaired hearing, interrelationship of hearing to speech and language development, and familiarization with audiologic assessment and clinical procedures. (CSU)

PL 34 (3)
AUDIOMETRY AND HEARING CONSERVATION

3 Hrs. Lee. 1 Hr. Lab.
Prerequisite: PL 33 (nontransferable). This course includes identification audiology, preschool hearing screening, instructional audiometry, and the role of the audiometric, nurse-audiometric and speech-hearing therapist in the total conservation of hearing program. (CSU)

PL 35 (5)
COMPUTER ACCESS EVALUATION

1 Hr. Lab.
Prerequisite: A student must be eligible for services and instruction from the Disabled Student Programs and Services through appropriate verification of a primary disability by certified personnel. (Nontransferable, applicable)

PL 36 (1)
ADAPTED KEYBOARDING

1 Hr. Lab.
Prerequisite: A student must be eligible for services and instruction from the Disabled Student Programs and Services through appropriate verification of a primary disability by certified personnel. Able to benefit from the programs and services offered by the High Tech Center. This course is designed to teach keyboarding basics to disabled students who must use adaptive means in order to become successful access to the keyboard or screen and/or unable to complete successfully in mainstream typing classes. (Nontransferable, nondegree applicable)

PL 37 (1)
COMPUTER ACCESS 1

1 Hr. Lab.
Prerequisite: A student must be eligible for services and instruction from the Disabled Student Programs and Services through appropriate verification of a primary disability by certified personnel and be able to benefit from the programs and services offered by the High Tech Center. This course is designed to teach keyboarding basics to disabled students who must use adaptive means in order to become successful access to the keyboard or screen and/or unable to complete successfully in mainstream typing classes. (Nontransferable, nondegree applicable)
training in the use of computer access technologies which enhance a disabled student’s ability to access and use microcomputers. (Nontransferrable, nondon degree applicable)

PL 38 (2) COMPUTER ACCESS II
1 Hr. Lab. 3 Hrs. Lab.
Prerequisite: A student must be eligible for services and instruction from the Disabled Student Programs and Services through appropriate verification of a primary disability by certificated personnel and be able to benefit from the programs and services offered by the High Tech Center. Successful completion of PL 37 or instructor approval required. This course is designed for disabled students who have successfully completed Computer Access I. Students will enhance their computer access skills through the completion of assignments and/or projects. (Nontransferrable, nondegree applicable)

PL 39 (3) COMPUTER ACCESS PROJECTS
4 Hrs. Lab.
Prerequisite: A student must be eligible for services and instruction from the Disabled Student Programs and Services through appropriate verification of a primary disability by certificated personnel and be able to benefit from the programs and services offered by the High Tech Center. Instructor permission is required. The course is designed for students with a disability who require access to specialized adaptive technologies in order to complete assignments for other classes in which they are concurrently enrolled. (Nontransferrable, nondegree applicable)

PL 40 (3) INTRODUCTION TO RESIDENTIAL SERVICES SPECIALIST
3 Hrs. Lab.
An investigation of the characteristics of the developmentally disabled population. Basic philosophical and legal issues, history of treatment, current approaches, and state licensing requirements and regulations will be covered. Designed for persons involved in residential care for the developmentally disabled. (Nontransferrable, AA/AS degree only)

PL 41 (3) TECHNIQUES FOR RESIDENTIAL SERVICES SPECIALIST
3 Hrs. Lab.
Application of theories to practical skills and knowledge needed by persons involved in residential care for the developmentally disabled. Includes behavior management techniques, health and developmental needs, program planning and implementation and techniques for developing social adaptation and other life skills. Designed for persons involved in residential care for the developmentally disabled. (Nontransferrable, AA/AS degree only)

PL 50 (3) APPLIED MATHEMATICS
3 Hrs. Lab.
Prerequisite: Placement test. A basic course in mathematics designed to meet the needs of students with learning disabilities and other physical disabling conditions. This basic instruction is based on placement tests and individual interviews. (Nontransferrable, nondon degree applicable)

DRM ART 5A (5)
HISTORY OF WORLD DRAMA
3 Hrs. Lab.
The study of the history of drama and theatre development from primitive times to the present. Emphasis will be placed on the correlation between staging and acting techniques and dramatic literature. DRM Art 5A covers theatre development through Islam. (CSU, UC)

DRM ART 5B (3)
HISTORY OF WORLD DRAMA
3 Hrs. Lab.
Covers the period from Islam to the present. DRM Art 5B may be taken before DRM Art 5A. (CSU, UC)

DRM ART 20AB (3-3)
FUNDAMENTALS OF ACTING
3 Hrs. Lab. 3 Hrs. Lab.
An introduction to the interpretation of drama through the art of the actor. Development of individual insights, skills, and disciplines in the presentation of the dramatic material to an audience. Laboratory hours to be arranged. (CSU) (UC credit limited. See a counselor.)

DRM ART 21 (3)
INTERMEDIATE ACTING
3 Hrs. Lab. 3 Hrs. Lab.
Prerequisite: DRM Art 20AB. A continuation of DRM Art 20AB with further emphasis on fundamental acting skills. Laboratory hours to be arranged. (CSU) (UC credit limited. See a counselor.)

ECE 20 (3)
DEVELOPMENTAL PSYCHOLOGY OF CHILDREN
3 Hrs. Lab.
A study of the developmental stages of children from conception through adolescence including the principle theories of development and their application. (Same as Psych 20) (CSU) (UC credit limited. See a counselor.)

ECE 21 (3)
EARLY CHILDHOOD SOCIALIZATION: CHILDREN, FAMILY AND COMMUNITY
3 Hrs. Lab.
Study of the child in the family and community in relation to social, cultural, economic, ethnic, and geographical influences on his/her growth and development. Community resources and their role in relation to the education, health, welfare, recreational and other activities of the child. (Same as Psych 21) (CSU)

ECE 22 (3)
ADVANCED DEVELOPMENTAL PSYCHOLOGY AND OBSERVATION
3 Hrs. Lab.
Advanced study of the principle theories of developmental psychology, including the study of assessment and observation as tools for understanding behavior and development. (Same as Psych 22) (CSU)

ECE 23 (3)
EARLY CHILDHOOD CURRICULUM I
3 Hrs. Lab.
A study of preschool curriculum and its application in the preschool environment. Students will learn to develop and write curriculum plans which incorporate developmental goals. Implementation of lesson plans at local preschools is required. (CSU)

ECE 24 (3)
EARLY CHILDHOOD CURRICULUM II
3 Hrs. Lab.
Advanced study and application of the preschool curriculum including techniques for enhancing the preschool environment for creative expression. The value of play as an integral part of the preschool program and the use of interest centers and multicultural experiences for preschools is studied and applied in the preschool setting. (CSU)

ECE 25 (3)
FIELD EXPERIENCE
1.5 Hrs. Lab.
Prerequisites: ECE/Psych 20, 21, 22 and 23. Supervised field work in an early childhood preschool under the direction of a Master Teacher and college supervisor. Students will learn to assess, develop and implement curriculum and appropriate practices for young children in a supervised setting. (CSU)

ECE 26 (3)
PRINCIPLES OF PARENTING
3 Hrs. Lab.
The course is a study of the developmental tasks of parenting. It includes family dynamics, parenting skills, adjustment to new roles and family structures, values clarification and family communication. It is designed for parents, prospective parents and child care providers. (Same as Psych 26) (CSU)

ECE 27 (3)
UNDERSTANDING EXCEPTIONAL STUDENTS
2 Hrs. Lab. 2 Hrs. Lab.
Same as PL Psych 27 (CSU)

ECE 28 (3)
ADMINISTRATION AND SUPERVISION IN EARLY CHILDHOOD EDUCATION
3 Hrs. Lab.
Prerequisite: ECE/Psych 20, 21, 22 and 23, 24, 25. This course incorporates basic management principles for preschools including curriculum development and implementation, personnel management, facility maintenance, budgeting, parent involvement, community relations, program evaluation and professional ethics. (CSU)

ECE 29 (3)
INFANT/ TODDLER DEVELOPMENT
3 Hrs. Lab.
This course will cover the fundamental principles of prenatal and infant development from conception to age two as determined by the birth process. Observations will be done on a neonate, infant and toddler. (Formerly ECE 34) (CSU)

ECE 30 (3)
INFANT/TODDLER CURRICULUM
3 Hrs. Lab.
This course will prepare students to develop and implement an infant and/or toddler curriculum including the design of educational goals and appropriate learning environments. It will examine the methodology and practice and study teacher competencies required for working with infants/toddlers. Students must put in 5 Hrs. Lab. TBA for the semester. (CSU)

ECE 31A (1)
HEALTH & SAFETY FOR TEACHERS OF YOUNG CHILDREN
3 Hrs. Lab.
Health Module A: Health and safety needs for young children in group care. County and State mandates for health and safety. (CSU)

ECE 31B (1)
NUTRITION FOR TEACHERS OF YOUNG CHILDREN
3 Hrs. Lab.
Nutrition Module B: Basic nutrition for children including nutritional needs and food service in group care. (CSU)

ECE 31C (1)
FIRST AID AND CPR FOR TEACHERS OF YOUNG CHILDREN
3 Hrs. Lab.
First Aid, CPR Module C: American Red Cross or American Heart Association certification in infant, child and adult CPR and First Aid. (Same as HT 17) (CSU)

ECE 32 (3)
MULTILINGUAL AND MULTICULTURAL CURRICULUM FOR YOUNG CHILDREN
3 Hrs. Lab.
General introduction to life styles, values, and socioeconomic conditions of children from multicultural and multilingual families with special emphasis on ways in which these factors affect the teaching and learning process. Students are introduced to strategies, materials and resources designed to help them enhance the multicultural and multilingual experience of the children. (Formerly ECE 46) (CSU)

ECE 33 (3)
ADVANCED MANAGEMENT FUNCTIONS FOR THE SUPERVISION OF AN EARLY CHILDHOOD CENTER
3 Hrs. Lab.
This course is designed for those who plan to be directors in any child care center, both public and private, in the state of California. Principles and practices of program planning, budgeting and personnel administration for agencies servicing children and families. (Formerly ECE 48) (CSU)
ECONOMICS

ECON 1 (3) (CAN ECON 2)
PRINCIPLES OF ECONOMICS
3 Hrs. Loc.
An introduction to economic concepts and the principles of economic analysis. Emphasis on economic institutions, issues of public policy, and macroanalysis in national income, money and banking, and economic stabilization. (CSU, UC)

ECON 2 (3) (CAN ECON 4)
PRINCIPLES OF ECONOMICS
3 Hrs. Loc.
An introduction to economic concepts and the principles of economic analysis. Emphasis on economic institutions, issues of public policy, and macroanalysis in the direction of production and the allocation of resources through the price-system. (CSU, UC)

EDUCATION

ED 1 (2) INTRODUCTION TO EDUCATION
1 Hr. Loc. 3 Hrs. Lab.
Recommended for students interested in a teaching credential. Opportunity to explore specific grade levels through weekly observations and participation in actual classroom situations. Gives broad overview of the varied aspects of teaching. (CSU)

ELECTRICITY

ELECTRICITY I (3)
BASIC ELECTRICITY
3 Hrs. Loc. 3 Hrs. Lab.
Prerequisite: Math 21 and successful course in physics. An introductory course to the study of electricity and electronics. Basic theory of this field is involved in薛and selection of various electrical components, instruments and circuits is presented in the lecture. Practical experiments demonstrating this theory are performed in the lab. (CSU)

ELECTRICITY II (3)
BASIC ELECTRICITY AND ELECTRONICS
3 Hrs. Loc. 3 Hrs. Lab.
Prerequisite: Math X and successful course in physics. An introduction to the study of electricity and electronics. Basic theories of the physical aspects of electricity and electronics, basic concepts in circuitry-related devices and measurement instruments. (CSU)

ELECTRONICS

ELECTRO 1 A (4)
BASIC ELECTRICITY AND ELECTRONICS
3 Hrs. Loc. 3 Hrs. Lab.
Prerequisite: Math X and successful course in physics. An introduction to the study of electricity and electronics. Basic theories of the physical aspects of electricity and electronics, basic concepts in circuitry-related devices and measurement instruments. (CSU)

ELECTRO 1 B (4)
BASIC ELECTRICITY AND ELECTRONICS
3 Hrs. Loc. 3 Hrs. Lab.
Prerequisite: Electro 1A with successful course in physics. A continuation of Electro 1A. Topics will include semiconductor devices, amplifiers and solid state components. (CSU)

ELECTRO 2 A (3)
ADVANCED ELECTRONICS
2 Hrs. Loc. 3 Hrs. Lab.
Prerequisite: Electro 1B with successful course in physics. Advanced concepts in electronics. Topics will include: additional devices included in circuits, instrumentation, various system designs, successive "generations". (CSU)

ELECTRO 2 B (3)
ADVANCED ELECTRONICS
2 Hrs. Loc. 3 Hrs. Lab.
Prerequisite: Electro 2A with successful course in physics. A continuation of Electro 2A. The advanced study of applied digital electronic systems such as those found in computing, audiovisual and other electromechanical equipment. (CSU)

EMERGENCY MEDICAL TECHNICIAN

EMT 1 AD (5.5)
EMERGENCY MEDICAL TECHNICIAN 1/AMBULANCE
5 Hrs. Loc. 1.7 Hrs. Lab.
A course for individuals who will come in contact with sick or injured persons in an emergency situation. Aimed primarily for ambulance attendants, the course would be of valuable assistance to all emergency service personnel in law enforcement, fire fighting, hospital emergency rooms and rescue units. Topics covered include: the role and responsibilities of the Emergency Medical Technician, medical-legal responsibilities and community resources for health and social care. Students will be taught to evaluate diagnostic signs and determine the extent of injuries. Procedures for dealing with life-threatening emergencies are presented, as well as the appropriate cardiopulmonary resuscitation, control of hemorrhage. Other medical and environmental problems, childbirth and lifting and moving techniques will also be considered. Students will receive clinical laboratory experiences in hospital emergency rooms and on ambulances. The course is approved by the California Department of Health for EMT training. One hundred and seventeen hours required for completion of course: 87 Hrs. Loc. (five week), and 30 Hrs. Lab. (CSU)

EMT 1A(R)/AD (1.5)
EMERGENCY MEDICAL TECHNICIAN 1/AMBULANCE
1.5 Hrs. Loc. 4 Hr. Lab.
Prerequisites: EMT 1A and current CPR certification. A course for individuals who desire to be EMT 1A course completion certificate will expire within the next six months (certification may not be expired more than twelve months). The course will review life support measures, cardiac arrest and venous and arterial puncture, resuscitation and the use of emergency medical equipment and supplies. Specific problems related to Imperial County will be discussed. Thirty-six hours required for completion of course: 28 Hrs. Loc. 8 Hrs. Lab. (CSU)

EMT 1F/S (5)
EMERGENCY MEDICAL TECHNICIAN 1/FIRE SCIENCE
5 Hrs. Loc. 1 Hr. Lab.
A course to prepare fire service personnel to render prehospital basic life support services, including cardiopulmonary resuscitation, to sick and injured persons under field emergency conditions. Preparation of the patient for transport is covered, however, actual transportation of patients in ambulances is not covered. Certification as an EMT 1A is required by law to work on site ambulances in California. EMT 1F/S certification does not meet this requirement. Topics covered include: additional devices included in circuits, instrumentation, various system designs, successive "generations". (CSU)

EMT 1F'(2)(D)
EMERGENCY MEDICAL TECHNICIAN 2/FIRE SCIENCE
2 Hrs. Loc. 18 Hrs. Lab.
Prerequisite: Successful completion of EMT 2A. This course is a continuation of EMT 2A. It is designed to teach professional public safety personnel how to deal with field emergency situations. Certification as an EMT 2A: It enables the student to put all laboratory and didactic materials together in clinical and field experiences. The student will perform to current standards acceptable in pediatric care, and in state and county guidelines for limited advanced life support systems. Students must be aware of the intensity of the course and the need to complete all clinical and field experiences. In addition to cases and clinical situations, animal is must complete ten (10) LASRs with the ambulance to successfully complete the course. (CSU)

EMT 1 r/S(R)(1)
EMERGENCY MEDICAL TECHNICIAN 1/R/SCIENCE
1.1 Hrs. Loc. 3 Hrs. Lab.
Prerequisite: Certification as a California EMT 1 or EMT 1F/S or EMT 1F'(2)(D) which will expire in the next six months or has been expired less than twelve months. This is a refresher course for those persons who hold a California EMT 1A, EMT 1F/S or EMT 1F'(2)(D) which will expire in the next six months or has expired within the last twelve months. The purpose is to re-certify material covered in the EMT 1A course, including field patient evaluation, cardiopulmonary resuscitation, airway maintenance, oxygen therapy, shock, hemorrhage, application of dressings, bandages and splints, immobilization techniques, extraction, lifting and moving techniques, emergency incident management, triage, and emergency childbirth. Discussion of new developments in emergency medical services will be included. Students intending to work on an ambulance must recently as an EMT 1A, which is a different course. Twenty-six hours required for completion of course: 20 Hrs. Loc. 6 Hrs. Lab. (CSU)

EMT 2 A(7)
EMERGENCY MEDICAL TECHNICIAN 2A
6 Hrs. Loc. 3 Hrs. Lab.
Prerequisite: Have a valid California Emergency Medical Technician 1 (IA, PS, PS or CHIP) Certificate. Have one year of experience as a practicing EMT. Have permission of EMT Instructor/Coordinator. Successful completion of application packet. A course designed to teach professional public safety personnel limited advanced life support skills. The course will teach the student to treat critically ill and injured patients in the pre-hospital setting using all the advanced life support skills learned in EMT 1A, and advanced skills such as intravenous infusion, defibrillation, incision and drainage, care of patients in abortion, application and esophageal intubation. The course is an intensive one, requiring the student's total dedication to successful completion of the course, and the realization from more than usual study and TBA requirements must be met. (CSU)

EMT 2B (8)
EMERGENCY MEDICAL TECHNICIAN 2B
3 Hrs. Loc. 18 Hrs. Lab.
Prerequisite: Successful completion of EMT 2A. This course is a continuation of EMT 2A. It is designed to teach professional public safety personnel how to deal with field emergency situations. Certification as an EMT 2A. It enables the student to put all laboratory and didactic materials together in clinical and field experiences. The student will perform to current standards acceptable in pediatric care, and in state and county guidelines for limited advanced life support systems. Students must be aware of the intensity of the course and the need to complete all clinical and field experiences. In addition to cases and clinical situations, animal is must complete ten (10) LASRs with the ambulance to successfully complete the course. (CSU)

EMT 10 (1)
EMERGENCY MEDICAL TECHNICIAN - FIRST RESPONDER
1 Hr. Loc. 3 Hrs. Lab.
A course for individuals who must provide first aid, including recognition of and immediate care for injury or sudden illness or medical emergencies, prior to the availability of medical care by health care professionals trained at a higher level and with a more advanced license or certification. This course is primarily for firefighters and law enforcement personnel and satisfies requirements under Title 22, Division 9, Section 1.5 of the California Administrative Code, requiring regularly employed public safety personnel to be trained as first aiders, including CPR, within one year of employment. Topics covered will include components of the local EMS system, roles and responsibilities of first responders, introduction to legal aspects with introduction to anatomy and physiology. Students will be taught basic, critical and advanced skills in vital and diagnostic signs and determination of extent of injuries. Procedures for dealing with life-threatening emergencies are presented, as they pertain to the first responder. The course includes CPR and control of hemorrhage. Other medical and environmental emergencies will be presented along with childbirth, disorders specific to infants and children, and communicable diseases. 24 hours are required for course completion. (Nontransfer, nondegree applicable)

EMT 10R (5)
EMERGENCY MEDICAL TECHNICIAN - FIRST RESPONDER, REFRESHER
3 Hrs. Lab.
A course for First Responders who provide first aid, including recognition of and immediate care for injury or sudden illness or medical emergencies, prior to the availability of medical care by health care professionals trained at a higher level and with a more advanced license or certification. This course is primarily for firefighters and law enforcement personnel and satisfies requirements under Title 22, Division 9, Section 1.5 of the California Code of Regulations, requiring regularly employed public safety personnel to be trained as first aiders, including CPR, a minimum of every three years. Topics reviewed will include components of the local EMS system, roles and responsibilities of first responders, including legal aspects and anatomy and physiology. Students will review vital and diagnostic signs and determination of extent of injuries. Procedures for dealing with life threatening emergencies will be reviewed, as they pertain to the first responder, including CPR and control of hemorrhage. Other medical and environmental emergencies will be presented along with childbirth, disorders specific to infants and children, and communicable diseases. A competency based pre-test will be given, as well as a final post-test. (Nontransferable, nondegree applicable)
EMERGENCY MEDICAL TECHNICIAN - PARAMEDIC

EMT-P C1 (3)
EMERGENCY MEDICAL TECHNICIAN-PARAMEDIC CLINICAL 1
7 Hrs. Lab. 3.5 Hrs. Lab.
Prerequisites: Successful completion of EMT-P D1 and EMT-P D2.
May enter EMT-P C1 up to 1 year after completion of EMT-P D1 and EMT-P D2 with EMS Training Coordinator and EMS Training Medical Director approval. Recommendation of the EMT Training Coordinator and EMT Training Medical Director. This course is the first phase of the clinical training of the paramedic program. This portion of training enables the student to put all didactic and skills training together within the hospital setting. Students will be able to perform total patient assessment and care, using state and county guidelines for the paramedic. Instruction and supervised practice at the paramedic level will be performed in the clinical care unit, the emergency dept., the OB unit, the newborn nursery, the pediatric unit, the lab, and the operating room. The hospital practice shall not be limited to the development of practical skills alone, but shall include knowledge and techniques regarding patient evaluations, pathophysiology of medical and surgical conditions, development of patient support, care for and understanding of the patient's illness. Students must be aware of the intensity of the course that requires dedication to successfully complete this phase of clinical training. (CSU)

EMT-P C2 (3)
EMERGENCY MEDICAL TECHNICIAN-PARAMEDIC CLINICAL 2
4.7 Hrs. Lab.
Prerequisites: Successful completion EMT-P D1, EMT-P D2 & EMT-P C1.
Applicants may petition for exemption from this course providing: Applicant is currently certified as an EMT-P with a minimum of 2 years of current advanced level experience as an EMT-P with EMS Training Coordinator and EMS Training Medical Director approval. Applicant demonstrates completion of an equivalent EMT 2 proficiency exam with 80%. This is the 4th segment of the Emergency Medical Technician Paramedic Program. It is designed to enhance the paramedic intern's skill performance, patient assessment skills, medication administration ability, and overall administration of advanced life support treatment in the clinical hospital setting. It enables the paramedic student to put all advanced didactic and skills training together in the clinical setting. Students will be able to perform total patient assessment and care using state and county protocols, in the controlled, hospital setting. Students must be aware of the ongoing intensity of the course that requires dedication and motivation to complete this clinical experience. (CSU)

EMT-P D1 (8)
EMERGENCY MEDICAL TECHNICIAN-PARAMEDIC DIDACTIC 1
7 Hrs. Lab. 2.2 Hrs. Lab.
Prerequisites: Current certification as an EMT, EMT 2 or certification within previous 12 months or current RN license. High school diploma or GED and prior emergency care experience as an EMT 1 or EMT 2 RN. Successful completion of application process. Acceptance into program by EMT Training Coordinator and EMT Training Medical Director. Pass, by pre-established score on English & math proficiency exam. Current CPR certification. Pass EMT proficiency with score of 85% or better in the following: ventilation, shock, pathophysiology, patient reassessment, intubation, EMT-Paramedic care, mechanical ventilation, clinical experience. The course is the first phase of the training of the paramedic program. This portion of training enables the student to put all didactic and skills training together as an EMT-P with EMS Training Coordinator and EMS Training Medical Director approval. After programming through record keeping and participation in actual patient care, the student shall ultimately function as the patient care leader. Students must be successful in completing the intensity of the course that requires dedication to scheduled field time. Student must complete the 30 advanced life support contacts as defined in the California Code of Regulations, Title 22, Division 9. (CSU)

EMT-P F2 (8)
EMERGENCY MEDICAL TECHNICIAN-PARAMEDIC FIELD 2
13.3 Hrs. Lab.
Prerequisites: Successful completion of EMT-P D1, EMT-P D2, EMT-P C1, EMT-P C2, and EMT-P P1.
Applicants may petition for exemption from this course providing: Applicant is currently certified as an EMT-P with a minimum of 1 year experience. Applicant demonstrates completion of an equivalent EMT 2 program. Applicant completes all other paramedic program training requirements. Applicant has approval of program coordinator and medical director. Applicant successfully completes EMT 2 proficiency exam. This course is the last segment for Advanced Life Support Paramedic training. This course is designed to enhance the student's overall performance as an advanced life support provider in the pre-hospital setting. The student is now able to practice in the pre-hospital environment, using all training acquired through previous segments of higher level training programs. As a paramedic preceptor, the student will function as a paramedic, using all advanced life support skills, including advanced life support equipment, medications and procedures. This course will teach the student to understand all aspects of medical emergencies, including respiratory, cardiovascular, endocrine, & nervous system emergencies. The paramedic is expected to be proficient in all advanced medical emergencies, as well as, anesthesia, toxicology, alcoholism & drug abuse, infectious diseases, environmental injuries & foreign bodies. The student demonstrates proficiency in the clinical setting. Students will be able to perform total patient assessment and care, using state and county guidelines for the paramedic. Instruction and supervised practice at the paramedic level will be performed in the clinical care unit, the emergency dept., the OB unit, the newborn nursery, the pediatric unit, the lab, and the operating room. The hospital practice shall not be limited to the development of practical skills alone, but shall include knowledge and techniques regarding patient evaluations, pathophysiology of medical and surgical conditions, development of patient support, care for and understanding of the patient's illness. Students must be aware of the intensity of the course that requires dedication to successfully complete this phase of clinical training. (CSU)
ENG 24 (3) ADVANCED VOCABULARY BUILDING AND SPELLING FOR ESL
3 Hrs. Lec.
Prerequisite: ENG 25, ENG 5 concurrently or instructor permission. The student will work on English-Spanish cognates, roots and prefixes, idioms, general reading vocabulary, subject matter (e.g., psychology, history), reading vocabulary, parts of speech, dictionary skills, word composition and usage, and listening comprehension. The emphasis will be on writing and listening more than on oral work, and on independent vocabulary building as well as on group work. (Nontransferable, nondegree applicable)

ENG 25 (3) INTERMEDIATE VOCABULARY BUILDING AND SPELLING FOR ESL
3 Hrs. Lec.
Prerequisite: ENG 5 concurrently or instructor permission. The intermediate ESL student will work on roots and prefixes, idioms, spelling, pronunciation, parts of speech, irregular verbs, and the learning of new words. A lot of class practice will be given in oral and written use of new words and expressions. (Nontransferable, nondegree applicable)

ENG 26 (3) BEGINNING VOCABULARY BUILDING AND SPELLING FOR ESL
3 Hrs. Lec.
Prerequisite: ENG 5 concurrently or instructor permission. A beginning level of vocabulary will be offered. Some spelling techniques will be taught and vocabulary will be used both in oral and written sentence. (Nontransferable, nondegree applicable)

ENG 32 (3) ADVANCED PUBLIC SPEAKING FOR BILINGUALS
3 Hrs. Lec.
Prerequisite: ENG 33 with a "C" or better or instructor permission.
A course is designed to bring Eng 33 bilingual students to a near-native level of fluency and listening comprehension so that they may successfully compete with native speakers. Students will prepare, present and evaluate activities such as speeches, oral interpretations, interviews, reports, debates, and simulation games. Emphasis will be given to use of the library for background material for topics of academic and community interest. (Same as Speech 1) (Nontransferable, nondegree applicable)

ENG 33 (3) BASIC PUBLIC SPEAKING FOR BILINGUALS
3 Hrs. Lec.
Prerequisite: ENG 34 concurrently or permission of the instructor. This course is designed to bring ESL students to a near-native level of fluency and listening comprehension so that they may successfully compete with native speakers. Students will prepare, present and evaluate speeches, commercials, dialogues, skits, oral interpretations, debates and simulation games. (This may be taken as a preparation, but not as a substitute, for Speech 1.) (CSU, UC)

ENG 34 (3) ADVANCED ORAL ENGLISH FOR ESL
3 Hrs. Lec.
Prerequisite: Completion of ESL courses. An intensive course in oral American English for students who have learned English as a second language. It is intended for students who may read well and have a good group of grammar but who still need more practice in manipulating oral structures. (CSU) (Nondegree applicable)

ENG 35 (5) INTERMEDIATE ORAL ENGLISH FOR ESL
3 Hrs. Lec.
Prerequisite: ENG 5 concurrently or instructor permission. An intensive course for the intermediate student of ESL. Students will utilize oral English by creating their own dialogs and presenting them, and by speaking on topics or other visual materials. Differences between the students' native language and English and how these differences affect the students' English will be discussed. (CSU) (Nondegree applicable)

ENG 36 (3) BEGINNING ORAL ENGLISH FOR ESL
3 Hrs. Lec.
Prerequisite: ENG 37 concurrently or permission of the instructor. A conversational course designed for the beginning ESL student. The course will cover the fundamentals of the English sound system. Listening and speaking will be emphasized through basic dialogs to be learned, through simple stories to be listened to, and through questions to be answered orally. (CSU) (Nondegree applicable)

ENG 41 (3) SURVEY OF AMERICAN LITERATURE
3 Hrs. Lec.
Prerequisite: ENG 2B concurrently or instructor permission. A study of the works of major American writers. (CSU, UC)

ENG 42A (3) SURVEY OF WORLD LITERATURE
3 Hrs. Lec.
Prerequisite: ENG 2B concurrently or permission of the instructor. Study of selected literature of the Hebrews, Greeks, Romans, the Middle Ages, and the Renaissance. Emphasis on literature other than American and English. (CSU, UC)

ENG 42B (3) SURVEY OF WORLD LITERATURE
3 Hrs. Lec.
Prerequisite: ENG 2B concurrently or permission of the instructor. Study of selected literature of Neo-Classicists, Romanticists, Realists, Symbolists and modern authors. Emphasis on literature other than American and English. May be taken before Eng 42A. (CSU, UC)

ENG 43A (3) SURVEY OF ENGLISH LITERATURE
3 Hrs. Lec.
Prerequisite: ENG 2B concurrently or permission of the instructor. Close study of works of major English writers up to the end of the 18th century. Coverage of some of the most important aspects of English literary history. (CSU, UC)

ENG 43B (3) SURVEY OF ENGLISH LITERATURE
3 Hrs. Lec.
Prerequisite: ENG 2B concurrently or permission of the instructor. Close study of works of major English writers of the 19th and 20th centuries, with consideration of the more important aspects of English literary history. May be taken before Eng 43A. (CSU, UC)

ENG 46A (3) THE MEXICAN AMERICAN IN LITERATURE
3 Hrs. Lec.
Prerequisite: Eligibility for Eng 1A. A study of the contributions by Mexican Americans to all genres of literature. Course to be developed through the study of the Mexican American historical background, and by contrasting and comparing the works of Mexican American with their familiar Anglo American contemporaries, as well as with the works of familiar Mexican authors. This course will concentrate on the cultural and literary heritage of the Mexican American. Conducted in English. (Same as Span 22A) (CSU, UC)

ENG 46B (3) THE MEXICAN AMERICAN IN LITERATURE
3 Hrs. Lec.
Prerequisite: Eligibility for Eng 1A. A continuation of Eng 46A with emphasis on contemporary Mexican American writers. Conducted in English. Eng 46B may be taken before Eng 46A. (Same as Span 22B) (CSU, UC)

ENG 47 (3) INTRODUCTION TO THE BIBLE AS LITERATURE
3 Hrs. Lec.
Prerequisite: Eng 2B or Eng 1A concurrently. A study of literature and history of the Bible. (CSU, UC)

ENG 50 (3) ADVANCED COMPOSITION
3 Hrs. Lec.
Prerequisite: Satisfactory completion of Eng 1A with a grade of "C" or better. Emphasizes critical thinking in reading and writing beyond that achieved in Eng 1A. Writing argumentation will focus on deduction and induction, an understanding of the fallacies of language and thought, the application of valid evidence, and refutation. (CSU, UC)

ENG 50H (1) ADVANCED COMPOSITION - HONORS
1 Hr. Lec.
Prerequisite: Grade of B or better in Eng 1A; completion of Eng 50, or placement of instructor. Corequisite: enrollment in Eng 50. A roundtable seminar, this course will emphasize reasoned evaluation and "strong sense" critical thinking. Through analytic reading, writing for critical analysis and classification of like values, and roundtable discussion, students will evaluate the ideas and values assumptions of fifteen great thinkers in relation to their own ideas and values assumptions, as well as to those of other thinkers. (CSU)

ENG 52 (3) INTRODUCTION TO LINGUISTICS
3 Hrs. Lec.
Prerequisite: Eng 2B. "Introduction to Linguistics" or permission of the instructor. Introduction to the various branches of linguistics: language classification, dialectal variation, psycholinguistics, sociolinguistics, semantics. Specific work on English sounds, grammar, and dialects, including comparisons of English with Spanish. Recommended for teachers,. teacher aides, students of foreign languages, and anyone interested in extending his/her knowledge of language. Suitable for English speaking and bilingual students. (CSU, UC)

ENG 53A (3-3) CREATIVE WRITING
3 Hrs. Lec.
Prerequisite: Introduction to Eng 1B or permission of the instructor. Study and application of the principles of literary construction, plus exercises in the writing of imaginative literature, including short story, poetry, drama, and essay. (CSU, UC)

ENG 54 (3) INTRODUCTION TO FILM HISTORY AND CRITICISM
2 Hrs. Lec. 2 Hrs. Lab.
The origins and development of movies as an entertainment industry, as a technological medium, and as an art form. Key films from various historical periods will be examined for their technological and artistic contributions to the art of film making. (CSU, UC)

ENG 55 (3) INTRODUCTION TO TECHNICAL AND REPORT WRITING
3 Hrs. Lec.
Prerequisite: ENG 55 is a mandatory course requirement for Eng 2B or Eng 1A (nontransferable, non-credit). Practical experiences in writing various kinds of technical reports, descriptions, proposals, and evaluations. Writing assignments will be tailored to the interests of individual students. (CSU, UC)

ENG 59 (3) GRAMMAR AND USAGE REVIEW
3 Hrs. Lec.
Prerequisite: Placement at Eng 2A level or above. Review of traditional/structural grammar; review of usage rules regarding punctuation, mechanics, capitalization; review of spelling rules; practice with summary/report writing done by the student. (Nontransferable, AA/A&S degree only)

ENG 60ABC (1-1-1) LANGUAGE LABORATORY
2 Hrs. Lab.
Prerequisite: Current enrollment in ESL. Individual language laboratory practice with paired taped materials and tests in the language laboratory. Practice in listening comprehension and pronunciation. Grammar and sentence development through structured lessons on tapes. Supplementary course for beginning, intermediate and advanced levels in ESL. (Nontransferable, nondegree applicable)

ENG 61ABCD (1-1-1-1) INDIVIDUALIZED WRITING SKILLS
2 Hrs. Lab.
Prerequisite: Eligibility for Eng 4A, Eng 14A or higher by means of the ESL, the reading test, or holistic essay placement exam. This is a course designed to provide supplemental work for students in regular writing classes or for independent study. A certified instructor diagnoses writing deficiencies and prescribes remediation. Individual assignments are given for improving problem areas in
FIRE SCI 73 (1)
VOLUNTEER INSTRUCTOR TRAINING
1 Hr. Lec.
Designed for volunteer fire personnel with a responsibility for training. Emphasizes the teaching and evaluation of manipulative skills employed by the fire service. (CSU)

FIRE SCI 88 (1)
AUTO EXTRICATION
1 Hr. Lec.
This course provides students with the information and skills necessary to operate within the procedures and systems utilized during automobile extrication. Subjects covered include: auto extrication sizeup; types of incidents; safety precautions; ICS for auto extrication; types of hand and power tools; removing windows; opening doors; removing roofs; pulling steering wheels; moving foot pedals; raising dashboards; pulling seats; stabilizing vehicles; and simulated rescue of trapped victims. (CSU)

FIRE SCI 89A (2)
DRIVER/OPERATOR IA
2 Hrs. Lec.
This course is designed to provide the student with information on driver techniques for emergency vehicles and techniques of basic inspection and maintenance for emergency vehicles, including actual driving exercises under simulated emergency conditions. (CSU)

FIRE SCI 89B (2)
DRIVER/OPERATOR IB
2 Hrs. Lec.
Course prerequisite: Fire Sci 89A. This course is designed to provide the students with information on fire pump and component operations, water sources and distribution systems, hydraulic calculations, various pumping operations, operating foam systems, and pumping sprinkler and standpipe systems. (CSU)

FIRE SCI 90 (2)
PUMP OPERATION 1
2 Hrs. Lec.
Course prerequisite: Successful completion of Fire Sci 60 or Fire Sci 62. A basic course for engineers in the fire fighting service which provides the background in general use and operation of pumping and related equipment. (CSU)

FIRE SCI 92 (2)
ARSON INVESTIGATION I
2 Hrs. Lec.
Prerequisite: Present fire fighter status, either paid or volunteer. This course is designed for the fire and police arson investigator to successfully carry out responsibilities in arson detection and investigation. (CSU)

FIRE SCI 93 (2)
ARSON INVESTIGATION II
2 Hrs. Lec.
Prerequisite: Fire Sci 92. This is an advanced arson investigator course for fire and police personnel to successfully carry out responsibilities in arson detection and investigation. (CSU)

ENV SCI 5 (3)
MAN AND HIS ENVIRONMENT
3 Hrs. Lec.
The study of natural resources vital to man's existence. Emphasis on the composition of the physical environment and problems associated with contamination of air, water and soil. (Same as Ag 5) (CSU, UC)

FIRE SCIENCE
FIRE SCI 25 (1)
PREPARING FOR INCIDENT COMMAND
1 Hr. Lec.
Standard operating procedures for commanding the initial fire response resources at an emergency incident are introduced. Following selected objectives of the National Professional Qualifications Standards, this course will give the student an understanding of the basic concepts of Incident Command. (Nontransferable, nondegree applicable)

FIRE SCI 60 (3)
INTRODUCTION TO FIRE TECHNOLOGY
3 Hrs. Lec.
An introduction to fire protection; career opportunities in fire protection and related fields; history of fire protection; fire loss analysis; public, quasi-public and private fire protection services; specific fire protection functions; basic fire chemistry and physics. (CSU)

FIRE SCI 61 (3)
FUNDAMENTALS OF FIRE PREVENTION
3 Hrs. Lec.
Organization and function of fire prevention; inspections; surveying and mapping procedures; recognition of fire and life hazards; engineering a solution of a fire hazard; enforcing the solution of a fire hazard; public education of fire prevention. (CSU)

FIRE SCI 62 (3)
FIRE PROTECTION EQUIPMENT AND SYSTEMS
3 Hrs. Lec.
A review of the features and design of operation of fire detection and alarm systems, heat/smoke control systems, special protection and sprinkler systems, water supply and portable fire extinguishers. (CSU)

FIRE SCI 63 (3)
FUNDAMENTALS OF FIRE BEHAVIOR AND CONTROL
3 Hrs. Lec.
A course encompassing theory and fundamentals of how fires start, spread and are controlled. An in-depth study of fire chemistry and physics, fire characteristics of materials, extinguishing agents and fire control techniques. (CSU)

FIRE SCI 64 (3)
FUNDAMENTALS OF FIRE PROTECTION
3 Hrs. Lec.
The theory and fundamentals of fire protection, including fire protection laws, water systems and public fire protection systems; fire protection in buildings and open areas. (CSU)

FIRE SCI 65 (3)
FUNDAMENTALS OF PERSONAL FIRE SAFETY AND EMERGENCY ACTION
3 Hrs. Lec.
A course designed to provide basic skills in managing fire dangers, handling common fire situations in the home and/or industry, basic CPR and Standard First Aid. (CSU)

ENVIRONMENTAL SCIENCE
ENV SCI 17 (1)
EMERGENCY FIRE/MEDICAL DISPATCHER
1 Hr. Lec. . .5 Hr. Lab.
Prerequisite: Current CPR card. A course to train public safety dispatchers to quickly and accurately interrogate callers requesting medical aid, fire units or rescue services, and dispatch proper emergency vehicles and personnel. Communication between field units and dispatcher, preservice instructions, triage calls, basic life support, record keeping, FCC regulations, and role responsibilities of dispatcher will be covered. (Nontransferable, AA/AS degree only)
and fire prevention techniques. This course includes inspection techniques, properties of flammable and combustible solids, and radioactive exploitation and metallic materials typically found during basic fire inspections. (CSU)

FIRE SCI 98B (2)
FIRE PREVENTION IB
2 Hrs. LeC.
A part of the California Fire Academy curriculum. This course is designed to prepare personnel in matters of fire cause and origin and fire prevention techniques. This course includes structural and life safety components, hazards associated with specific types of fires, identification of fires/mode detection and sprinkler systems, and building and fire code information. (CSU)

FRENCH
High school foreign languages courses may be used for purposes of placement in college courses and may be counted toward meeting the foreign language requirement in various majors. These high school courses will not count as college credit toward graduation. Placement will be made by examination and/or consent of the instructor. Contact the Foreign Language Department for further information.

The last year course taken by a student in the high school language sequence may be repeated in college for graduation, but not to exceed four units of repeated foreign language work. Students are strongly advised to see the instructor before enrollment.

Students who have previously studied French for three years in high school are recommended to take Fr 3 and Fr 10.

FR 1 (5)
ELEMENTARY FRENCH
5 Hrs. LeC.
An intensive beginning course stressing the basic skills of listening comprehension, speaking, reading and writing to develop control of the sounds and the basic forms and structure of French. Introduction to concepts of French culture and civilization. Students must plan for an hour of individual language laboratory by arrangement. Not open to students who have completed three years of high school French. (CSU, UC)

FR 1A (2.5)
ELEMENTARY FRENCH
2.5 Hrs. LeC.
This course is one-half the content of the regular Fr 1 course. Completion of Fr 1A prepares students for the equivalent of Fr 1, and the total of 5 units. Students must plan for one-half hour of individual language laboratory by arrangement. (CSU, UC credit limited. See a counselor.)

FR 1B (2.5)
ELEMENTARY FRENCH
2.5 Hrs. LeC.
Prerequisite: Fr 1A. A continuation of Fr 1A. Students must plan for one-half hour of individual language laboratory by arrangement. (CSU, UC credit limited. See a counselor.)

FR 2 (5)
ELEMENTARY FRENCH
5 Hrs. LeC.
Prerequisite: Fr 1 or two years of high school French placement examis. The last year of the regular Fr 2 course. Completion of Fr 2 and the total of 5 units. Students must plan for one-half hour of individual language laboratory by arrangement. (CSU, UC, UC credit limited. See a counselor.)

FR 2A (2.5)
ELEMENTARY FRENCH
2.5 Hrs. LeC.
Prerequisite: Fr 1 or two years of high school French placement examis. This course is one-half the content of the regular Fr 2 course. Completion of Fr 2A and Fr 2B will be the equivalent of Fr 2, and the total of 5 units. Students must plan for one-half hour of individual language laboratory by arrangement. (CSU, UC credit limited. See a counselor.)

FR 2B (2.5)
ELEMENTARY FRENCH
2.5 Hrs. LeC.
Prerequisite: Fr 1 or two years of high school French placement examis. Corequisite: Current enrollment in Fr 2. This course will give the student the opportunity to apply and expand his or her French language skills through the reading, analysis, and subsequent discussion of French films and literary texts. Students will learn to state opinions and offer supporting arguments in written form as well as in roundtable discussions. (CSU, UC credit limited. See a counselor.)

FR 3 (4)
INTERMEDIATE FRENCH
4 Hrs. LeC.
Prerequisite: Fr 1 or two years of high school French placement examis. An intermediate course offering review and expansion of grammar and vocabulary learned in Fr 1 and Fr 2. Emphasis on communication and application of knowledge in highly functional life situations. Students must plan for one hour per week of required language laboratory practice by individual study arrangement. (CSU, UC)

FR 4 (4)
INTERMEDIATE FRENCH
4 Hrs. LeC.
Prerequisite: Fr 1 or two years of high school French placement examis. Continuation of Fr 3. An intermediate course emphasizing communication and application of knowledge in highly functional life situations. Students must plan for one hour per week of required language laboratory practice by individual study arrangement. (CSU, UC)

FR 5 (3)
INTERMEDIATE FRENCH READING AND WRITING
3 Hrs. LeC.
Prerequisite: Fr 1 or two years of high school French. Intensive reading and vocabulary development based on cultural and literary materials, including critical analysis and summaries. (CSU, UC)

FR 10 (5)
INTERMEDIATE CONVERSATIONAL FRENCH
5 Hrs. LeC.
Prerequisite: Fr 2 or two years of French in high school or by examination and/or consent of the instructor. This course includes the development of all four language skills, emphasizing vocabulary building, increasing fluency and control of correct pronunciation, basic forms and structure. Students must plan for an hour of individual language laboratory by arrangement. (CSU, UC)

FR 11 (3)
INTERMEDIATE CONVERSATIONAL FRENCH
3 Hrs. LeC.
Prerequisite: Fr 2 or two years of French in high school or by examination and/or consent of the instructor. Course emphasizes practical conversational skills developed through listening exercises, directed conversations on assigned readings from newspaper and magazine articles, current topics, simple dialogues and plays. Emphasis on contemporary life in countries where French is spoken. Students must plan for an additional hour of individual language laboratory by arrangement. (CSU, UC)

FR 28 (4)
FRENCH HONORS
4 Hrs. LeC.
Prerequisite: Fr 1 or two years of French in high school or by examination and/or consent of the instructor. Corequisite: Current enrollment in Fr 2. This course will give the student the opportunity to apply and expand his or her French language skills through the reading, analysis, and subsequent discussion of French films and literary texts. Students will learn to state opinions and offer supporting arguments in written form as well as in roundtable discussions. (CSU, UC credit limited. See a counselor.)

FR 30 (2.5)
PHYSICAL GEOGRAPHY
2.5 Hrs. LeC.
An introduction to the physical characteristics of the earth. Topics include climate, land forms, natural vegetation, and the water and mineral resources of the earth. (CSU, UC)

GEOG 1 (3)
GEOGRAPHY
3 Hrs. LeC.
An introduction to the regions and cultures of the world. Emphasis is on the contemporary demographic, linguistic, religious, and economic characteristics of major regions in the world. May be taken with Fr 2 GEOG 1. (CSU, UC)

GEOG 2 (3)
ECONOMIC GEOGRAPHY
3 Hrs. LeC.
An introduction to the geography of commercial products. Distribution of production is related to climate, land forms, soils, labor supply and market areas, and the routes along which products move to consuming areas. (CSU, UC)

GEOG 3 (3)
GRAPHIC COMUNICATION I
3 Hrs. LeC.
A course designed to be a guide for the preparation of art and the mechanics and studio skills. This course will cover newspaper ad, print, camera-ready art work, color separation and design coordination. (CSU, UC)

GEOG 4 (3)
GRAPHIC COMUNICATION II
3 Hrs. LeC.
A continuation of the preparation of art and the mechanics and studio skills. (CSU, UC)

GEOG 5 (3)
GEOGRAPhic COMMUNICATION III
3 Hrs. LeC.
A continuation of the preparation of art and the mechanics and studio skills. (CSU, UC)
MILITARY composition as it thinking

Students must procedures. (CSU)

experience he/she has gained by operating equipment using sheets 4 x 6 in. up to II x 17 in. with setting of dampeners. ink rollers, fountain, and rollers. Preprint setup and proofing. The student will prepare the lithography process and the student is required for successful completion. Transportation to the health agencies is the responsibility of the student.

HA 15 (6)

HEALTH ASSISTANT

The Health Assistant Program (HA 15) prepares the student to receive a Certificate of Completion from the College. In addition, the student is prepared to receive a Certificate from the California State Department of Health Services as a Certified Nurse Aide.

The Home Health Aide Program (HA 16) prepares the student to receive a Certificate of Completion from the College. In addition, the student is prepared to receive a Certificate from the California State Department of Health Services as a Home Health Aide.

An admission committee reviews all applications. Early application is recommended since both programs accept a limited number of students. Admission requirements include an application on file, and a health examination. A grade of C or better in the course program is required for successful completion.

HEALTH TECHNOLOGIES

HT 1 (2)

INTRODUCTION TO HEALTH SCIENCE

2 Hrs. Lab.

In this course the educational requirements and practice demands of the varied careers within the health services are surveyed. Progress and trends in health care delivery since 1940 are presented as a background for the exploration of the current state of the art. Major health problems of the 1980's are identified and the impact of lifestyle, total environment and education on physical and emotional well-being are analyzed. (Nontransferable, AA/AS degree only)

HT 2 (3)

GRAMMAR AND USAGE

3 Hrs. Lab.

(Same as Bus 40) (Nontransferable, AA/AS degree only)

HT 3 (2)

MEDICAL TERMINOLOGY

3 Hrs. Lab.

Course of study designed to develop competency in the accurate use of medical vocabulary to include anatomy, physiology, disease, and descriptive terms and prepare students for entry-level positions as medical transcribers, clinical editors, health insurance processors, and patient assistance services. (Same as Bus 80) (CSU)

GT 4 (3)

MEDICAL TRANSCRIPTION

2 Hrs. Lab. 2 Hrs. Lab.

Prerequisites: HT 3/Bus 80. Ability to type 40 words per minute. Course of study designed to prepare students to transcribe data from a medical device incorporating medical transcription methods. (Same as Bus 81) (CSU)

HT 5 (3)

PATIENT INFORMATION SYSTEMS

2 Hrs. Lab. 2 Hrs. Lab.

Prerequisites: HT 3/Bus 80. Ability to type 40 words per minute. Course of study designed to prepare students to use memory typewriters, word processors, microcomputer programs, input/output equipment (CRTs, disc drives, printers, diskettes, magnetic tape, and various software programs) in a hospital, clinic or doctor's office. The use of a computer program to store patient data is emphasized. (Same as Bus 82) (CSU)

HT 6 (3)

MEDICAL INSURANCE

3 Hrs. Lab.

Prerequisites: HT 3/Bus 80. Ability to type 40 words per minute. Course of study designed to prepare students to function as medical typists, secretaries, or data entry clerks. Health care facilities are dependent upon third party payers for financial solvency. Medical billing guidelines are rapidly changing as are complex issues which health care facilities must concern themselves with daily. The purpose of this course is to prepare students with the practice and skills necessary so that billing office personnel can promptly and accurately submit insurance claims to a variety of carriers. (Same as Bus 83) (CSU)

HT 7 (3)

PATIENT ADMINISTRATION SERVICES

3 Hrs. Lab.

Course of study designed to prepare students for entry-level positions in hospitals, clinics or doctors' offices. Extensive exposure to various areas such as admissions, financial advisory services, billing, collections, and outpatient accounts is emphasized. Interdepartmental communications are stressed. (Same as Bus 84) (CSU)

HT 8 (2)

MANAGEMENT OF PATIENT SERVICES

2 Hrs. Lab.

Course is designed for persons interested in patient services in hospitals, clinics, or doctors' offices. Extensive exposure to various areas such as admissions, financial advisory services, billing, collections, and outpatient accounts is emphasized. Interdepartmental communications are stressed. (Same as Bus 85) (CSU)

GT 11 (3)

ADVANCED MEDICAL TRANSCRIPTION

2 Hrs. Lab. 2 Hrs. Lab.

Prerequisites: HT 4/Bus 81 and Asst 6 (Same as Bus 86) (Nontransferable, AA/AS degree only)
Upon completion of this course, the student should be prepared to accept a position as an experienced transcriptionist. (Same as Bus 86) (CSU)

HT 12 (6) PHARMACY TECHNICIAN I
5 Hrs. Lect., 3 Hrs. Lab.
Prerequisites: Math X, HT 7/8, BUS 80, and Anat 6 and \textit{complementary} courses. The Pharmacy Technician I course is designed to develop knowledge and skills in identifying names, strengths, and common abbreviations for drugs dispensed from the pharmacy. The student will learn to receive orders for medications, transcribe orders onto pharmacy patient profiles, and type necessary, technical, and clerical functions traditionally carried out by the pharmacist will be included. (CSU)

HT 13 (6) PHARMACY TECHNICIAN II
5 Hrs. Lect., 3 Hrs. Lab.
Prerequisite: HT 12 and \textit{complementary} courses. The Pharmacy Technician II course continues to build upon the knowledge and skills learned in HT 12. In addition, the student will learn to facilitate the distribution of Unit Dose medications, keep accurate records, do billing procedures, inventory control, drug purchasing records, and parenteral admittance operations. Upon successful completion of this course, the student will receive a certificate of completion from Imperial Valley College. (CSU)

HT 17 (1) FIRST AID AND CPR FOR TEACHERS OF YOUNG CHILDREN
3 Hrs. Lect.
(Same as ECE 31) (CSU)

HISTORY

HIST 17B (3)
UNITED STATES HISTORY
3 Hrs. Lect.
A survey of the political, social, and economic maturation of the United States from the end of the Civil War to the present. This course and either Hist 17A or Poly Sci 2 will meet graduation requirements in American Institutions. May be taken before Hist 17A. (CSU, UC)

HIST 20 (3)
MEXICO AND THE AMERICAN SOUTHWEST
3 Hrs. Lect.
A one-semester survey of Mexico from the early nineteenth century, the independence movement, the Mexican American War, and the development of Mexico and the American Southwest in the last century. (CSU, UC)

HIST 33 (3)
HISTORY OF IMPERIAL VALLEY
3 Hrs. Lect.
A one-semester survey of the history of the Imperial Valley from the earliest times to the present. The course will stress the development of communities, water resources, agriculture, and ethnic groups. (CSU)

HONORS

HONORS 21 (1-2)
HUMANITIES DIVISION HONORS PROGRAM
1-2 Hrs. Lect.
(UC credit limited. See a counselor.)

HONORS 22 (1-2)
BUSINESS DIVISION HONORS PROGRAM
1-2 Hrs. Lect.
(Nontransferable)

HISTORY

HIST 4A (3)
HISTORY OF WESTERN CIVILIZATION
3 Hrs. Lect.
A survey of the major developments in the Western heritage from the world of the ancient Greeks to sixteenth century Europe. Emphasis is on the foundation of Western culture, religion, politics, and society. (CSU, UC)

HIST 4B (3)
HISTORY OF WESTERN CIVILIZATION
3 Hrs. Lect.
A study of Western civilization from the sixteenth century to the present in which political, economic, social, and intellectual changes and developments are stressed. May be taken before Hist 4A. (CSU, UC)

HIST 17A (3)
UNITED STATES HISTORY
3 Hrs. Lect.
A survey of the political and social development of the United States from the seventeenth century to 1872. This course and either Hist 17B or Poly Sci 1 will meet graduation requirements in American Institutions. (CSU, UC)

HIST 17B (3)
UNITED STATES HISTORY
3 Hrs. Lect.
A survey of the political, social, and economic maturation of the United States from the end of the Civil War to the present. This course and either Hist 17A or Poly Sci 2 will meet graduation requirements in American Institutions. May be taken before Hist 17A. (CSU, UC)

HIST 29 (1-2)
HEALTH, PHYSICAL EDUCATION AND RECREATION DIVISION HONORS PROGRAM
1-2 Hrs. Lect.
(Nontransferable, AA/AS degree only)

HONORS 21-29

HUMANITIES

HUM 1A (3)
THE HUMANITIES IN WESTERN CULTURE
3 Hrs. Lect.
An examination of the Humanities in Western Culture from the Prehistoric through the Medieval periods. The course will focus on the arts, architecture, literature, music, philosophy, and theology of these periods. (CSU, UC)

HUM 1B (3)
THE HUMANITIES IN CULTURE
3 Hrs. Lect.
An examination of the Humanities in Western Culture from the Renaissance through the Modern periods. The course will focus on the art, architecture, literature, music, philosophy, and theology of these periods. (CSU, UC)

HUM 25 (3)
INTRODUCTION TO THE HUMANITIES
3 Hrs. Lect.
An exploratory course designed to introduce students to the major disciplines in the Humanities: art, architecture, literature, music, and dance. Examination of humanistic values and how they are reflected in the arts of world cultures. (CSU, UC)

HUM 26 (3)
THE HUMANITIES
3 Hrs. Lect.
A course dealing extensively in music, dance, drama, film, visual arts, and architecture. Humanistic and interdisciplinary approach to study of creative expression. Requirements include diverse readings, papers, and creative projects. Format includes discussions, lectures, and films. (CSU, UC)

HUMAN RELATIONS

The Human Relations curriculum with an Associate in Arts degree has been designed to prepare students for employment as counselor aides and group counselor aides, vocational rehabilitation aides, teacher aides, eligibility workers, social service technician and other preprofessional positions in the vocational "new careers" concept to people-to-people services. These services are used by youth and adult correctional institutions, welfare and vocational rehabilitation agencies, mental hospitals, state employment centers, educational institutions, and child care centers.

HR 2 (3)

HUMAN RELATIONS IN MANAGEMENT
3 Hrs. Lect.
(Same as Bus 7) (CSU)

HR 8 (3)
PERSONAL AND CAREER DEVELOPMENT
3 Hrs. Lect.
This course examines the process a student would follow in making a realistic career decision. Students planning to enter professions involving helping relationships such as education, social work, counseling, psychology, community work, and related areas, in addition to students who are undecided about their own future, would profit from the course. Self-awareness will be appraised by tasks such as discovering interests, aptitudes, abilities, limitations, needs, and life goals. Career awareness will be facilitated by exploring the world of work in terms of occupational outlook, wages, training required, opportunities for advancement and life styles. (Same as Psy 8) (CSU)

HR 8A (1)
PERSONAL AND CAREER DEVELOPMENT
1 Hr. Lect.
This course examines the dynamics of self-awareness which are required when making a realistic career decision. Self-awareness will be appraised through an interest inventory, basic skills test, and a values survey, supported by class discussions about personal interests, abilities, aptitudes, limitations, needs, values, and goals.

HR 8B (1)
PERSONAL AND CAREER DEVELOPMENT
1 Hr. Lect.
This course will provide techniques for obtaining career information through the multi-media resources of the IVC Career Center. Career awareness will be facilitated by exploring the "world of work" through publications, occupational briefs, films, and EUREKA, the computerized California Career Information System. Factors such as career opportunity, employment, wages, advancement, and required training will be explored. (CSU)

HR 8C (1)
PERSONAL AND CAREER DEVELOPMENT
1 Hr. Lect.
This course examines the processes for obtaining employment in today's modern job market. Skills development in the areas of job search, employer contact, job application, resume writing, techniques of interviewing, and follow-up will be developed through practical experience. (CSU)
INTRODUCTION TO COUNSELING
3 Hrs. Lec.
A study of the theory, process, and practice of interviewing and counseling in community service and other counseling situations. The course is designed to assist the student to gain knowledge and develop skills in order to help a client or interviewee in counseling situations. Theories of counseling and basic helping skills will be presented, demonstrated, and practiced. (Same as ADS/Psych 9) (CSU)

HR 11A (3)
PRAC TICUM
1 Hr. Lec., 6 Hrs. Lab. Field experience per week
Prerequisite: HR/ADS/Psych 9, Psych 1A or Soc 1. A course designed to provide opportunity for the student in Psychology, Human Relations, or Alcohol and Drug Studies to gain experience under supervised conditions such as those involving mental health, child development, youth correction, welfare, homes for the neglected, homes for the aged, youth recreation, rehabilitation, centers for people with physical limitations, and educational settings. Students will be supervised by qualified instructional staff and professionally trained personnel. (Same as ADS/Psych 11A) (CSU)

HR 11B (3)
PRACTICUM
1 Hr. Lec., 6 Hrs. Lab. Field experience per week
Prerequisite: HR/ADS/Psych 11A. A continuation of HR/ADS/Psych 11A with emphasis in gaining further experience in the same institution or agency or a different institution or agency. (Same as ADS/Psych 11B) (CSU)

HR 16 (3)
The PSYCHOLOGY OF INTERPERSONAL RELATIONSHIPS
3 Hrs. Lec.
(Same as Psych 16) (CSU)

HR 61 (5)
COLLEGE STUDY TECHNIQUES
2 Hrs. Lab.
A course in the methods of efficient study which is designed to assist the student in adjusting to the demands of college study and the improvement of learning skills. Includes a survey of the learning processes and the development of the techniques of listening, the use of texts, taking useful notes, outlining, scheduling, learning to concentrate and remember, the preparation for examinations, the use of the library, the management techniques, and interpersonal communication skills. (Nontransferable, AA/AAS degree only)

HR 62ABC (1-1-1-1)
PERSONAL AND SOCIAL DEVELOPMENT
1 Hr. Lec.
A course utilizing group dynamics, designed to encourage and develop insights into personal problems of adjustment, the utilization of personal potential, and the understanding of individual and group processes of development. (Nontransferable, AA/AAS degree only)

IND 43A (5)
ORIENTATION TO IVC
5 Hr. Lec.
A course required for all new matriculating students to assure that they will be acquainted with the college's programs, services, academic expectations, procedures and policies, campus grounds, and student life. Specifically addressed will be matriculation and its requirements, rules and regulations as they pertain to students, financial assistance, services as support for students. This course will be presented, demonstrated, and practiced. (Same as ADS/Psych 9) (CSU)

HR 62AR (3)
STUDENT EDUCATIONAL PLAN
3 Hr. Lec.
Prerequisite: HR 62A or equivalent. A student's educational plan is prepared on an individual basis. Course content, prerequisites, and unit credits are determined by the student in consultation with a counselor and the advisor. This course may be repeated with change in plan. (Nontransferable, AA/AAS degree only)

IND 44A (5-7)
PERSONAL AND SOCIAL DEVELOPMENT
5 Hr. Lec., 7 Hr. Lab.
A course utilizing individualized activity in small group situations. Students are encouraged to develop insights into personal problems of adjustment, the utilization of personal potential, and the understanding of individual and group processes of development. (Nontransferable, AA/AAS degree only)

IND 45 or 85 (1-3)
BUSINESS
Hours by Arrangement

IND 46 or 86 (1-3)
HEALTH, PHYSICAL EDUCATION AND RECREATION
Hours by Arrangement

IND 48A or 88A (1-4)
PHYSICALLY LIMITED PROGRAM
1-4 Hrs. Lec. Lab. by arrangement
This course is designed to help the physically limited student develop self-sufficiency and participate in community college activities: academic, social, vocational, and environmental. (Nontransferable, nondegree applicable)

IND 48AB or 88AB (1-4)
PHYSICALLY LIMITED PROGRAM
1-4 Hrs. Lec. Lab. by arrangement
This course is designed to help the physically limited student develop self-sufficiency and participate in community college activities: academic, social, vocational, and environmental. (Nontransferable, nondegree applicable)

IND 49ABCD (1-2, 12-1, 12-1, 12-1)
INDIVIDUAL STUDIES/NURSING LEARNING CENTER
1-2 Hrs. Lab. by arrangement
Prerequisite: Enrollment in a Nursing Education and Health Technologies Division Program. An individualized course of study is offered by the Nursing Education and Health Technologies Division. Students will use materials in the Nursing Learning Center and will have the assistance of an instructor/tutor as needed. Eighteen (18) hours of independent study in the NLC per semester will earn 1/2 unit credit. Thirty-six (36) hours of independent study in the NLC per semester will earn 1 unit credit. (Nontransferable, nondegree applicable)

IND 49ABC (1-2, 1-2, 1-2, 1-2)
INDIVIDUAL STUDIES FOR THE LEARNING CENTER
1-2 Hrs. Lab.
An individualized course of study in any discipline using materials in the Learning Center. (Nontransferable, nondegree applicable)

JAPANESE

JPN 1A (3)
ELEMENTARY JAPANESE
3 Hrs. Lec., 1 Hr. Lab.
An introductory course in current Japanese, stressing the basic skills of listening comprehension, speaking, writing and reading. Essentials of grammar and pronunciation. Introduction to Japanese culture and civilization. Students must plan for one additional hour and individual language laboratory by arrangement. (CSU)

JOURNALISM

JRN 1 (3)
INTRODUCTION TO JOURNALISM
3 Hrs. Lec.
Prerequisite: Eligibility for Eng 23B or Eng 1A. The course focuses on the newspaper as a vehicle for communication within a community. Students study basic components of print journalism, including types of articles, writing style, interview techniques, makeup and ethics. (CSU)

JRN 2ABC (4-4-4)
NEWSPAPER PRODUCTION
3 Hrs. Lec. 2 Hrs. Lab.
Prerequisite: JRN 1. Course provides a concrete introduction to principles and techniques of newspaper production through actual work on the student newspaper. Students assume specific staff positions with corresponding responsibilities for the paper's production. Lab work includes editing of stories, planning pages, headline writing, proofreading, and pasteup. (CSU)

JRN 16AC (3)
CAREER JOURNALISM
3 Hrs. Lec. 2 Hrs. Lab.
The course focuses on the newspaper as a vehicle for communication. Students study the basic components of print journalism including types of articles, writing styles, interview techniques and ethics. The student will prepare various news stories with speed and accuracy and analyze news sources. Interviewing techniques will be applied to specific writing situations covering campus and community functions. The student will prepare three articles for publication in the Imperial Valley Press. (CSU)

LEGAL ASSISTANT

LA 21 (3)
RESEARCH AND CRIMINAL LAW
3 Hrs. Lec.
An introductory course regarding the use of the legal library, research techniques and drafting legal documents. Includes the Penal Code and other criminal statutes and provides an understanding of the elements of crimes and defenses. (CSU)

LA 22 (3)
CIVIL PROCEDURES AND FAMILY LAW
3 Hrs. Lec.
An introductory course in basic civil procedures, court systems, and procedures as they apply to federal, state, and civil laws. Includes topics in family law relative to marriage, community property, dissolution, parenthood and adoption. (CSU)

LA 23 (3)
CIVIL DISCOVERY AND TORTS
3 Hrs. Lec.
A study of the fundamental principles of the law of torts and examination of the techniques of investigation involved in the lawyer's handling of tort claims, including various forms of pleadings. An examination of the rules of civil evidence and the admissibility of evidence, deposition, interrogations, admissions, notices to produce, and related rules of discovery and evidence. (CSU)
LA 24 (3) CORPORATIONS AND BANKRUPTCY
3 Hrs. LeC.
This course covers the principles of agency, principal and third
parties, formation and management of California corporations, the
rights and liabilities of stockholders, and corporate recognition
and dissolution. It includes regulations of state and federal
governments relating to income, deductions, exemptions,
depreciation, and capital gains and losses. It also includes a study
of the bankruptcy laws and procedures with topics on creditors'
rights, debtors' exemptions, and secured transactions. (CSU)

LA 25 (3) REAL ESTATE LAW FOR LEGAL ASSISTANTS
3 Hrs. LeC.
The study of the legal background in property ownership, with
special reference to the law of California as it applies to
community property, conveyances, deeds, trust deeds, mortgages,
substitutions, and estates, etc. (CSU)

LA 26 (3) WILLS - TRUSTS - PROBATE
3 Hrs. LeC.
A study of the fundamental principles of the law of wills and trusts
including simple will and trust forms. An examination of the
organization and jurisdiction of a California Probate Court
including gift, inheritance and estate taxes, and practice in
documentation. (CSU)

LIBRARY TECHNICIAN

LT 51 (3) INTRODUCTION TO LIBRARY SERVICES
3 Hrs. LeC.
This course is an introduction to libraries and their organization. It
is designed for students interested in employment in school, public,
or college libraries as library technicians. Basic philosophy,
procedures, tools, and techniques for library routines are
emphasized. (CSU)

LT 52 (3) SUPPORT FOR TECHNICAL SERVICES
3 Hrs. LeC.
Prerequisite: LT 51 This course is an introduction to the various semi-professional tasks in the technical processes phase
of library operation. (CSU)

LT 53 (3) SUPPORT FOR PUBLIC SERVICES
3 Hrs. LeC.
Prerequisite: LT 51 This course is an introduction to library public relations, circulation control systems and location of information
through use of card catalogues, indexes, and basic reference books.

LT 54 (3) INTRODUCTION TO AUDIOVISUAL SERVICES
3 Hrs. LeC.
Prerequisite: LT 51 This course is an introduction to the processes necessary for the utilization of audiovisual materials and equipment in the library situation. (CSU)

LT 55 (3) CATEGORIZING AND CLASSIFYING
3 Hrs. LeC.
Prerequisite: LT 51 This course is devoted to the development of the skills and practical
experiences needed by library technical assistants in support of the
technical services aspect of a library operation. The student learns
the theory and philosophy underlying the classification systems
used in libraries, classifies and catalogs book and
nonbook materials, and is exposed to a variety of work-experience
situations where this knowledge is put to use. (CSU)

MATHMATICS

MATH 3A (5) ELEMENTARY ALGEBRA
5 Hrs. LeC.
Prerequisite: Math 2 or equivalent. Concepts dealing with limits, continuity, differentiation and application, integration,
exponential and logarithmic functions, and other transcendental functions. (UC credit limited. See a counselor.)

MATH 3B (5) ANALYTIC GEOMETRY AND CALCULUS
5 Hrs. LeC.
Prerequisite: Math 3A or equivalent. Concepts dealing with limits, continuity, differentiation and application, integration,
exponential and logarithmic functions, and other transcendental functions. (CSU)

MATH 4 (5) CALCULUS AND DIFFERENTIAL EQUATIONS
5 Hrs. LeC.
Prerequisite: Math 3B. Concepts dealing with partial differentiation, multiple integration, vector analysis and differential equations. (CSU)

MATH 5 (3) ELEMENTARY DIFFERENTIAL EQUATIONS
3 Hrs. LeC.
Prerequisite: Math 3B or permission of the instructor. First order differential equations with applications. Linear
 differential equations of higher order. Applications of second order differential equations, differential equations with variable coefficients, Laplace transforms. (CSU)

MATH 6 (3) INTRODUCTION TO LINEAR ALGEBRA WITH APPLICATIONS
3 Hrs. LeC.
Prerequisite: Math 3A or permission of the instructor. A first course in linear algebra intended for students majoring in mathematics, the physical sciences, engineering or business. Topics
included are: systems of linear equations, matrices and determinants, vector spaces, linear transformations, eigenvalues and eigenvectors, and selected applications. (CSU)

MATH 10A (3) MATHEMATICS FOR ELEMENTARY SCHOOL TEACHERS
3 Hrs. LeC.
Prerequisite: Math 3A or permission of the instructor. A first course in linear algebra intended for students majoring in mathematics, the physical sciences, engineering or business. Topics
included are: systems of linear equations, matrices and determinants, vector spaces, linear transformations, eigenvalues and eigenvectors, and selected applications. (CSU)

MATH 10B (3) MATHEMATICS FOR ELEMENTARY SCHOOL TEACHERS
3 Hrs. LeC.
Prerequisite: Math 10A or permission of the instructor. A first course in linear algebra intended for students majoring in mathematics, the physical sciences, engineering or business. Topics
included are: systems of linear equations, matrices and determinants, vector spaces, linear transformations, eigenvalues and eigenvectors, and selected applications. (CSU)

MATH 12 (3) INTRODUCTORY STATISTICS WITH APPLICATIONS
3 Hrs. LeC.
Prerequisite: Math 10A or permission of the instructor. A first course in linear algebra intended for students majoring in mathematics, the physical sciences, engineering or business. Topics
included are: systems of linear equations, matrices and determinants, vector spaces, linear transformations, eigenvalues and eigenvectors, and selected applications. (CSU)

MATH 15 (4) INTRODUCTION TO LINEAR ALGEBRA WITH APPLICATIONS
4 Hrs. LeC.
Prerequisite: Math 3B. Concepts dealing with partial differentiation, multiple integration, vector analysis and differential equations. (CSU)

MATH 47 (3) PROGRAMMING IN FORTRAN
3 Hrs. LeC.
Prerequisite: Math A. A practical course covering the fundamentals of Fortran Programming Language as adapted to a variety of
applications. (Same as CIS 14) (CSU) UC credit limited. See a counselor.

MATH 51 (3) BASIC MATHEMATICS
3 Hrs. LeC.
A brief review of arithmetic including fractions, decimals, percent, square root, and an introduction to algebra. This course is not open
to students having satisfactory scores on mathematics placement tests. (Nondegree Applicable)

MATH 57 (3) PROGRAMMING IN BASIC
3 Hrs. LeC.
Prerequisite: Math A. A practical course covering the fundamentals of Fortran Programming Language as adapted to a variety of
applications. (Same as CIS 14) (CSU) UC credit limited. See a counselor.

MATH 58 (3) COMPUTER PROGRAMMING IN PASCAL
3 Hrs. LeC.
Prerequisite: Math A. An introduction to the Pascal programming language. The course covers the basics of programming using
Pascal. (CSU) UC credit limited. See a counselor.

MATH 59 (3) PROGRAMMING IN C
3 Hrs. LeC.
Prerequisite: Math A. An introduction to the C programming language. The course covers the basics of programming using
C. (CSU) UC credit limited. See a counselor.

MATH 60 (1) MATH LAB 1 Hrs. LeC.
2 Hrs. Lab.
Prerequisite: Math A. A practical course covering the fundamentals of Fortran Programming Language as adapted to a variety of
applications. (Same as CIS 14) (CSU) UC credit limited. See a counselor.

86

87
MUSIC

MUSIC 7 (3) INTRODUCTION TO MUSIC FOUNDATIONS
3 Hrs. Lec.
An introduction to basic concepts of music. The development of the skills and knowledge needed to read music, to hear music, and to use some instrument (including the voice) with skill. (CSU) (UC credit limited. See a counselor.)

MUSIC 8A (2) BEGINNING MUSICALSHIP
2 Hrs. Lec.
Prerequisite: Music 7 or equivalent. A continuation of Music 5A. Required of all music majors. A course designed to present basic skills and theory of music for persons interested in a background for appreciation of music. (CSU) (UC credit limited. See a counselor.)

MUSIC 8B (2) BEGINNING MUSICALSHIP
2 Hrs. Lec.
Prerequisite: Music 7 or equivalent. A continuation of Music 5A. Required of all music majors. A course designed to present basic skills and theory of music for persons interested in a background for appreciation of music. (CSU) (UC credit limited. See a counselor.)

MUSIC 8C (2) INTERMEDIATE MUSICALSHIP
2 Hrs. Lec.
Prerequisite: Music 7 or equivalent. A continuation of Music 5A. Required of all music majors. A course designed to present basic skills and theory of music for persons interested in a background for appreciation of music. (CSU) (UC credit limited. See a counselor.)

MUSIC 9A (3) BEGINNING HARMONY
3 Hrs. Lec.
Prerequisite: Music 7 or equivalent. A continuation of Music 5A. Required of all music majors. A course designed to present basic skills and theory of music for persons interested in a background for appreciation of music. (CSU) (UC credit limited. See a counselor.)

MUSIC 9B (3) BEGINNING HARMONY
3 Hrs. Lec.
Prerequisite: Music 7 or equivalent. A continuation of Music 5A. Required of all music majors. A course designed to present basic skills and theory of music for persons interested in a background for appreciation of music. (CSU) (UC credit limited. See a counselor.)

MUSIC 9C (3) INTERMEDIATE HARMONY
3 Hrs. Lec.
Prerequisite: Music 7 or equivalent. A comprehensive study of the theory of music to include skills and creative experiences in traditional harmony. An introduction to 20th century harmonic and melodic systems. (CSU) (UC credit limited. See a counselor.)

MUSIC 10A (3) BEGINNING GROUP PIANO I
1 Hr. Lab. 2 Hrs. Lab.
A course structured to correlate those musical skills, techniques and understandings which are basic to comprehensive keyboard musicianship at the early level of study. (CSU) (UC credit limited. See a counselor.)

MUSIC 11A (3) BEGINNING GROUP PIANO I
1 Hr. Lab. 2 Hrs. Lab.
Prerequisite: Music 10A. A continuation of Music 10A. (CSU) (UC credit limited. See a counselor.)

MUSIC 11B (3) BEGINNING GROUP PIANO II
1 Hr. Lab. 2 Hrs. Lab.
Prerequisite: Music 10A. A continuation of Music 10A. (CSU) (UC credit limited. See a counselor.)

MUSIC 12 (1) BEGINNING CLASS GUITAR
1 Hr. Lab. 2 Hrs. Lab.
A basic course on how to accompany with the guitar. Stret will be placed on tuning, chord types, and elementary transcription. (CSU) (UC credit limited. See a counselor.)

MUSIC 13 (1) INTERMEDIATE CLASS GUITAR
1 Hr. Lab. 2 Hrs. Lab.
Prerequisite: Music 12. A continuation of Music 12 with the following additions: 1. Reading music (standard musical notation); 2. A thorough presentation of bar chords including sevenths, ninths, diminished, augmented, and various altered chords; 3. Advanced picking techniques. (CSU) (UC credit limited. See a counselor.)

MUSIC 15A (1) BEGINNING CLASS VOICE
1 Hr. Lab. 2 Hrs. Lab.
The student receives guidance in the performance and appreciation of the various types of solo songs while acquiring the facilities for good vocal technique. Principles are applied through group and individual singing. (CSU) (UC credit limited. See a counselor.)

MUSIC 15B (1) BEGINNING CLASS VOICE
1 Hr. Lab. 2 Hrs. Lab.
Prerequisite: Music 15A. A continuation of Music 15A. (CSU) (UC credit limited. See a counselor.)

MUSIC 16 (1) INTERMEDIATE CLASS VOICE
1 Hr. Lab. 2 Hrs. Lab.
Prerequisite: Music 15A and Music 15B or equivalent. A continuation of Music 15B. (CSU) (UC credit limited. See a counselor.)

MUSIC 17ABCD (1-1-1-1) CHAMBER SINGERS
2 Hrs. Lab. 1 Hr. Lab.
A study and performance representative of music of all styles, sacred and secular, a cappella, and accompanied. A minimum of six outside performances required each semester. (CSU) (UC credit limited. See a counselor.)

MUSIC 18ABCD (1-1-1-1) CHAMBER ORCHESTRA
2 Hrs. Lab. 1 Hr. Lab.
Prerequisite: Music 16A. A study and performance representative of music of all styles, sacred and secular, a cappella, and accompanied. A minimum of six outside performances required each semester. (CSU) (UC credit limited. See a counselor.)

MUSIC 19ABCD (1-1-1-1) INSTRUMENTAL ENSEMBLE
2 Hrs. Lab. 1 Hr. Lab.
Prerequisite: Music 16A. A study and performance representative of music of all styles, sacred and secular, a cappella, and accompanied. A minimum of six outside performances required each semester. (CSU) (UC credit limited. See a counselor.)

MUSIC 20A (3) HISTORY AND LITERATURE OF MUSIC
3 Hrs. Lec.
The historical development of music with a study of various types of music from stylistic periods as a medium of cultural development. Intended as a background toward further studies in music for the music major and persons interested in a thorough background for enjoying music. (CSU) (UC credit limited. See a counselor.)

MUSIC 20B (3) HISTORY AND LITERATURE OF MUSIC
3 Hrs. Lec.
A continuation of Music 20A. (CSU) (UC credit limited. See a counselor.)

MUSIC 21ABCD (1-1-1-1) BRASS, WOODWIND AND PERCUSSION METHODS
1 Hr. Lab. 2 Hrs. Lab.
In-depth study and performance of literature for brass, woodwind, and percussion instruments. (CSU) (UC credit limited. See a counselor.)

MUSIC 25ABCD (1-1-1-1) STAGE BAND
2 Hrs. Lab. 1 Hr. Lab.
Prerequisite: Music 16A. A continuation and extension of the instrumentation. A performance ensemble specializing in the literature of the stage and jazz band tradition. Students will be provided ensemble experiences necessary for developing and refining improvisation techniques and performance practices appropriate to jazz, rock, blues, and swing music traditions. (CSU) (UC credit limited. See a counselor.)

MUSIC 26ABCD (1-1-1-1) REHEARSAL AND PERFORMANCE
3 Hrs. Lab.
Prerequisite: Permission of the instructor. Enrollment contingent upon participation in campus major musical production. Maximum credit, 1 unit per semester for four semesters. Hours to be arranged. (CSU) (UC credit limited. See a counselor.)

MUSIC 27ABCD (1-1-1-1) CONCERT BAND
2 Hrs. Lab. 1 Hr. Lab.
Prerequisite: Permission of the instructor. A performance organization specializing in literature for the wind band. Students will be afforded the opportunity to develop the musical skills and understanding necessary for the highest levels of ensemble and personal performance. Scheduled public performances are a part of the course obligations. (CSU) (UC credit limited. See a counselor.)

MUSIC 28ABCD (1-1-1-1) COLLEGE-COMMUNITY CHORUS
2 Hrs. Lab. 1 Hr. Lab.
Open to all students who have an interest in learning to sing and who enjoy music. Breath control, tone placement, articulation and enunciation, rehearsal, performance and study of choral literature. Introduction to music theory as a means of learning to read music rather than learning by rote. (CSU) (UC credit limited. See a counselor.)

MUSIC 29A (1) INTRODUCTION TO MUSIC LITERATURE AND LISTENING
3 Hrs. Lec.
An introduction to music literature with emphasis on the listening experience. Students study the expressive materials of music and the major forms of music literature. Emphasis placed on the skills and understanding necessary for lifelong music listening experiences. (CSU) (UC credit limited. See a counselor.)

MUSIC 30 (3) INTRODUCTION TO MUSIC LITERATURE AND LISTENING
3 Hrs. Lec.
An introduction to music literature with emphasis on the listening experience. Students study the expressive materials of music and the major forms of music literature. Emphasis placed on the skills and understanding necessary for lifelong music listening experiences. (CSU) (UC credit limited. See a counselor.)

MUSIC 31 (3) INTRODUCTION TO TWENTIETH-CENTURY MUSIC
3 Hrs. Lec.
An introduction to contemporary music. Study includes twentieth-century art music, country western, and popular music with emphasis on the social and artistic factors that influence the development of each. (CSU) (UC credit limited. See a counselor.)
Required courses

APPLIED MUSIC
Pr UIS
I Hr.

provide students Wtth a

by the

';':':a~. ~:ti::b~~ra~:I~::1 :~;~;

study

4

provide

fills

organizatjo~

COLLEGE-COMMUNITY
provide the

commWll , . .

NAT

with some principles of the

College.

BAND
junior college

Lee. ed'

lttOnS,

board

on page

(1-1-1)

SCI

SCI

51 (3)

Applications

for licensure as a

examination for licensure as a

registrar

and

work

nursing

student, will develop a

Advanced Placement

work experience in the following areas will be considered for

advanced placement:

1. Accredited Vocational or Practical Nursing Program
2. Nurse's Aide or nonaccredited Vocational Nursing Program
3. Accredited Professional Nursing Courses
4. Accredited Psychiatric Technician Courses
5. Armed Services Nursing Courses
6. Certified Nurse Assistant Courses

Eligibility for transfer/challenge credit and/or advanced placement is determined on an individual basis by the Division of Nursing. Courses in natural sciences, taken within five years, that meet program requirements will be accepted. Behavioral and social science courses will be evaluated for rectency on an individual basis.

Licensed Vocational Nurses who seek advanced placement in the registered nurse curriculum have two alternatives: 1. complete the degree program, or 2. complete selected courses which meet the California Board of Registered Nurses thirty (30) unit option requirements. Specific details are available in the Nursing Office. Preference will be given to those applicants who have completed applications on file in the Nursing Office two months prior to starting nursing courses.

Licensed Vocational Nurses who have completed the Imperial Valley College Nursing Program may, after one year of employment as an LVN, complete the general requirements for Registered Nurses. Admission to the nursing program will be dependent upon the credit and/or advanced placement in the English and science courses. Specific details regarding transition from Vocational Nurse status to Registered Nurse status are available in the Nursing Office.

Progression Policies

1. The required nursing and general education courses outlined on pages 119 and 120 of the catalog must be taken in the sequence listed. Students may take some or all general education courses before entering the program but may not complete them later than the semester indicated on these pages of the catalog. The Nursing Department's English and Math requirements must be met prior to graduation.

2. A grade point average of 2.0 must be maintained in every course required by the nursing curriculum. A student who makes a grade lower than a 2.0 in any course required by the nursing program must repeat the course.

3. Required courses in Microbiology and Anatomy/Physiology taken more than five years prior to enrollment must be repeated. Other courses are evaluated on an individual basis.

4. Nursing courses may be repeated one time. If a student is unsuccessful a second time, he/she must contact the Director of Nursing Education and Health Technologies who will evaluate the student's academic situation and, with the student, will develop a plan of remediation.

1. Accredited Vocational or Practical Nursing Program
2. Nurse's Aide or nonaccredited Vocational Nursing Program
3. Accredited Professional Nursing Courses
4. Accredited Psychiatric Technician Courses
5. Armed Services Nursing Courses
6. Certified Nurse Assistant Courses

Eligibility for transfer/challenge credit and/or advanced placement is determined on an individual basis by the Division of Nursing. Courses in natural sciences, taken within five years, that meet program requirements will be accepted. Behavioral and social science courses will be evaluated for rectency on an individual basis.

Licensed Vocational Nurses who seek advanced placement in the registered nurse curriculum have two alternatives: 1. complete the degree program, or 2. complete selected courses which meet the California Board of Registered Nurses thirty (30) unit option requirements. Specific details are available in the Nursing Office. Preference will be given to those applicants who have completed applications on file in the Nursing Office two months prior to starting nursing courses.

Licensed Vocational Nurses who have completed the Imperial Valley College Nursing Program may, after one year of employment as an LVN, complete the general requirements for Registered Nurses. Admission to the nursing program will be dependent upon the credit and/or advanced placement in the English and science courses. Specific details regarding transition from Vocational Nurse status to Registered Nurse status are available in the Nursing Office.

Progression Policies

1. The required nursing and general education courses outlined on pages 119 and 120 of the catalog must be taken in the sequence listed. Students may take some or all general education courses before entering the program but may not complete them later than the semester indicated on these pages of the catalog. The Nursing Department's English and Math requirements must be met prior to graduation.

2. A grade point average of 2.0 must be maintained in every course required by the nursing curriculum. A student who makes a grade lower than a 2.0 in any course required by the nursing program must repeat the course.

3. Required courses in Microbiology and Anatomy/Physiology taken more than five years prior to enrollment must be repeated. Other courses are evaluated on an individual basis.

4. Nursing courses may be repeated one time. If a student is unsuccessful a second time, he/she must contact the Director of Nursing Education and Health Technologies who will evaluate the student's academic situation and, with the student, will develop a plan of remediation.
assist the student to acquire basic skills in drug dosage calculations and the administration of medications. A skills laboratory requirement is included. Clinical application will be integrated into Nursing 1B (VS). (CSU)

NS 2A (R) (5.5)
THE MATERNITY CYCLE
2.5 Hrs. Lect., 4 Hrs. Lab.
Prerequisite: NS 1B (R), NS 2B (R), NS 1C (R) or permission of the instructor. The nursing process is used to assess the needs of and devise a plan of care for the pregnant woman through the maternity cycle. Consideration is given to the physiological, psychological, cultural, and economic factors which have impact on the mother, infant, and the family as a whole. Concurrent classroom and clinical experience are provided. (CSU)

NS 2A (V) (5.5)
THE MATERNITY CYCLE
2.5 Hrs. Lect., 9 Hrs. Lab.
Prerequisite: NS 1B (V), NS 2B (V), NS 1C (V) or permission of the instructor. The nursing process is used to assess the needs of and devise a plan of care for the pregnant woman through the maternity cycle. Consideration is given to the physiological, psychological, cultural, and economic factors which have impact on the mother, infant, and the family as a whole. Concurrent classroom and clinical experience are provided. (CSU)

NS 2B (R) (5.5)
COMMON HEALTH PROBLEMS I
2.5 Hrs. Lect., 9 Hrs. Lab.
Prerequisite: NS 1B (R) and NS 1C (R) or permission of the instructor. The first of three nine-week courses designed to provide a progressive and sequential study of common, well-defined health problems of the respiratory, reproductive and special senses systems are presented. Transition from wellness to illness is emphasized. Concepts acquired in previous courses are applied with increasing complexity to caring for individuals of all ages. Physiological, psychological, emotional, cultural and social concepts are integrated into the planning and implementation of nursing care. Concurrent classroom and clinical experience are provided. (CSU)

NS 2B (V) (5.5)
COMMON HEALTH PROBLEMS I
2.5 Hrs. Lect., 9 Hrs. Lab.
Prerequisite: NS 1B (V) and NS 1C (V) or permission of the instructor. The first of three nine-week courses designed to provide a progressive and sequential study of common, well-defined health problems of the respiratory, reproductive and special senses systems are presented. Transition from wellness to illness is emphasized. Concepts acquired in previous courses are applied with increasing complexity to caring for individuals of all ages. Physiological, psychological, emotional, cultural and social concepts are integrated into the planning and implementation of nursing care. Concurrent classroom and clinical experience are provided. (CSU)

NS 2C (R) (5.5)
PHARMACOLOGY I
1.5 Hrs. Lect.
Prerequisite: NS 1B (V), NS 1C (V) or permission of the instructor. This course focuses on those components of pharmacology related to safe nursing care. It includes information about the general classification of drugs and principles of therapy related to the effects, actions, and therapeutic use of each drug. The nursing actions and rationales for nursing actions are covered. Clinical application is integrated into the clinical nursing courses. (CSU)

NS 2C (V) (5.5)
PHARMACOLOGY I
1.5 Hrs. Lect.
Prerequisite: NS 1B (V), NS 1C (V) or permission of the instructor. This course focuses on those components of pharmacology related to safe nursing care. It includes information about the general classification of drugs and principles of therapy related to the effects, actions, and therapeutic use of each drug. The nursing actions and rationales for nursing actions are covered. Clinical application is integrated into the clinical nursing courses. (CSU)

NS 3A (R) (6.5)
COMMON HEALTH PROBLEMS II
2.5 Hrs. Lect., 12 Hrs. Lab.
Prerequisite: NS 2A (R), NS 2C (R), NS 2B (R), NS 3C (R), or permission of the instructor. The second of three nine-week courses designed to provide a progressive and sequential study of common, well-defined health problems is presented. Emphasis is placed on the immune, endocrine, hematological, cardiovascular, and musculo-skeletal systems. Concepts acquired in previous courses are applied with increasing complexity in caring for individuals of all ages. Physiological, psychological, emotional, cultural and social aspects are integrated into the planning and implementation of nursing care. Concurrent clinical experiences are provided whenever possible. In conjunction, appropriate nursing skills are learned in the classroom. (CSU)

NS 3A (V) (6.5)
COMMON HEALTH PROBLEMS II
2.5 Hrs. Lect., 12 Hrs. Lab.
Prerequisite: NS 2A (V), NS 2C (V), NS 2B (V), NS 3C (V), or permission of the instructor. The second of three nine-week courses designed to provide a progressive and sequential study of common, well-defined health problems is presented. Emphasis is placed on the immune, endocrine, hematological, cardiovascular, and musculo-skeletal systems. Concepts acquired in previous courses are applied with increasing complexity in caring for individuals of all ages. Physiological, psychological, emotional, cultural and social aspects are integrated into the planning and implementation of nursing care. Concurrent clinical experiences are provided whenever possible. In conjunction, appropriate nursing skills are learned in the classroom. (CSU)

NS 3B (R) (6.5)
COMMON HEALTH PROBLEMS III
2.5 Hrs. Lect., 12 Hrs. Lab.
Prerequisite: NS 2A (R), NS 2C (R), NS 2B (R), NS 3C (R), NS 3A (R), or permission of the instructor. The final nine-week course designed to provide a progressive and sequential study of common, well-defined health problems is presented in Nursing 3B. The concepts from previous courses are applied with increasing complexity to the caring of individuals throughout the lifespan. The pathophysiology, treatment, and nursing management of common disorders are presented. The nursing process is used to plan and implement nursing care for a group of patients. Concurrent clinical experience in geriatric and advanced medical-surgical nursing is arranged. (CSU)

NS 3B (V) (6.5)
COMMON HEALTH PROBLEMS III
2.5 Hrs. Lect., 12 Hrs. Lab.
Prerequisite: NS 2A (V), NS 2C (V), NS 2B (V), NS 3C (V), NS 3A (V), or permission of the instructor. The final nine-week course designed to provide a progressive and sequential study of common, well-defined health problems is presented in Nursing 3B. The concepts from previous courses are applied with increasing complexity to the caring of individuals throughout the lifespan. The pathophysiology, treatment, and nursing management of common disorders are presented. The nursing process is used to plan and implement nursing care for a group of patients. Concurrent clinical experience in geriatric and advanced medical-surgical nursing is arranged. (CSU)

NS 4B (R) (4.5)
ADVANCED NURSING
2 Hrs. Lect., 7.5 Hrs. Lab.
Prerequisite: NS 3A (R), NS 3B (R) or permission of the instructor. In-depth study of patients with increasingly complex health problems is presented. The nursing process is used to plan and implement nursing care for a group of patients. Concurrent clinical experience in geriatric and advanced medical-surgical nursing is arranged. (CSU)

NS 4B (V) (4.5)
ADVANCED NURSING
2 Hrs. Lect., 7.5 Hrs. Lab.
Prerequisite: NS 3A (V), NS 3B (V) or permission of the instructor. In-depth study of patients with increasingly complex health problems is presented. The nursing process is used to plan and implement nursing care for a group of patients. Concurrent clinical experience in geriatric and advanced medical-surgical nursing is arranged. (CSU)

NS 4C (R) (1)
NURSING TRENDS
1 Hr. Lect.
Prerequisite: NS 3A (R), NS 3B (R) or permission of the instructor. Current issues affecting nursing are discussed. Legislation, health care delivery system, and legal and ethical aspects of health care are integrated into the clinical component of NS 4B. Upon successful completion of NS 4B and NS 4C, the student is eligible to write the examination for Registered Nurse. (CSU)

NS 5 (1-3)
NURSING: TRANSITION COURSE
1-3 Hrs. Lab.
Prerequisite: Completion of advanced placement requirements or permission of the instructor. This course is designed to prepare the advanced placement student to enter the appropriate level of the Associate Degree Nursing program. Students may take variable units from one to three, according to their placement status. Content includes the nursing process, fluids and electrolytes, pharmacology, maternity nursing and nursing interventions for selected health conditions. (CSU)

NS 6 (1)
NURSING: TRANSITION COURSE
1 Hr. Lect.
Prerequisite: Completion of advanced placement requirements and admission to the Nursing Program. This course is designed to prepare the health assistant to obtain advanced placement in the vocational nursing program. Course content includes the nursing process and nursing care plans. A skills laboratory component is included. (Nontransferable, AA/AS degree only)

NURSING CONTINUING EDUCATION
Registered Nursing
Prospective students are advised to check with the college previous to each semester concerning continuing education courses to be offered. New courses are offered periodically as community health agency and health personnel needs are identified. An enrollment fee will be charged. All courses have been approved by the California Board of Registered Nursing, BRN Provider No. 00294, and meet the requirements for relicensure.

RN 37 (1)
BASIC ARRHYTHMIA RECOGNITION
1 Hr. Lect.
Prerequisite: Permission of the instructor. A basic program using a systematic approach to interpretation and recognition of cardiac arrhythmias in the monitored hospital patient and the appropriate treatment and/or nursing intervention required. Suitable for the ICU/CCU nurse or nursing assistant, beginning cardiologicalpulmonary technician, the med/surg nurse who cares for the patient on telemetry, or for inactive nurses who wish to update their knowledge and maintain their competency. (Same as HAVN 37) (CSU)

RN 40 (2)
INTRAVENTORY THERAPY TECHNIQUE
2 Hrs. Lect.
Prerequisite: Permission of the instructor. A course of instruction in intravenous therapy which includes fluid solutions of
电介质，营养，维生素，血液和血液产品。（同一
在VN 40）(CSU)

RN 41 (3)  PHYSICAL ASSESSMENT SKILLS
3 Hrs. Lec.
Prerequisite: Permission of the instructor. Class is limited to fifteen (15) students. This course is designed to delineate assessment parameters and variations common to the adult patient. Students will be given the opportunity to learn how to make rapid, accurate patient assessments. They will identify and discuss common findings, observe assessment techniques and do return demonstration. Individuals who wish to improve their physical assessment skills are the focus of this course. (CSU)

Vocational Nursing

Prospective students are advised to check with the college previous to each semester concerning continuing education courses to be offered. New courses are offered periodically as community health agency and health personnel needs are identified. An enrollment fee will be charged. All courses have been approved by the California Board of Vocational Nurse and Psychiatric Technician Examiners, BUNPT Provider No. 00294, and meet the requirements for licensure.

VN 37 (1)  BASIC ARRYTHMIA RECOGNITION
3 Hrs. Lec. (Same as HA/RN 37) (CSU)

VN 40 (2)  INTRAVENOUS THERAPY TECHNIQUE
2 Hrs. Lec. (Same as RN 40) (CSU)

Graduates of Hospital Diploma Schools of Nursing

The A.S. Degree will be awarded to graduates of hospital diploma schools of nursing who meet all of the following criteria and complete the following program:

Program to be Completed

Blanket credit for previous nursing courses completed . . . . . . . 40 Units
(Corresponds to number of RN course units in IVC
first Associate Degree Program.)
General Education courses to meet college requirements for graduation . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 20 Units

In order to allow the graduate to articulate with baccalaureate programs in nursing, it is strongly recommended that the student take some courses be taken within the general education requirements:

Anatomy 8, Human Physiology 1, Biology 21, Psychology 1A, Sociology 1, Psychology 35)

Applicants for this degree must meet items 1 and 2 of the Criteria with the Nursing Director. Check with Counseling Center for procedure to follow.

NUTRITION

NU 1 (3)  SANITATION AND SAFETY CONTROL
3 Hrs. Lec.
Prerequisite: Permission of the instructor. This course includes the basic principles of sanitation and safety and the application of these principles to a food service operation including OSHA regulations. Emphasis will be placed on the principles of food preparation and storage, safety procedures and programs and fire prevention and control. (CSU)

NU 2 (3)  FOUNDATIONS OF NUTRITION
(CAN H EC 2)
3 Hrs. Lec.
Prerequisite: Permission of the instructor. Scientific concept of nutrition relating to the function of nutrients in the basic life processes. Examines the major aspects of nutritional services within a health care facility, community nutrition and school food service programs. The course includes child and adult nutrition application to basic food and food service programs. (CSU)

NU 3 (3)  FOOD PRODUCTION MANAGEMENT
2 Hrs. Lec. 2 Hrs. Lab.
Prerequisite: Permission of the instructor. Organization and management of food service operations, occupational levels and responsibilities. Quantity food preparation with emphasis on food production management, equipment management, the responsibilities of the production supervisor. (Nontransferable, AA/AS degree only)

NU 4 (3)  SUPERVISION FOR FOOD SERVICES
2 Hrs. Lec. 2 Hrs. Lab.
Prerequisite: Permission of the instructor. This course includes in precedents and problems met by food service operations in developing labor management relationships. It includes the principles of selection, placement, orientation, training, counseling, rating and promotion of employees and understanding human behavior as it relates to personal settings. (Nontransferable, AA/AS degree only)

NU 5 (3)  MODIFIED DiETS
3 Hrs. Lec.
Prerequisite: Permission of the instructor and completion of core courses. The principles of nutrition as they relate to special care of the patient. Current knowledge and information on modified diets used in the treatment of abnormal physical conditions. Emphasis is on rationale for the diet and how these modifications will improve the patient's condition. (CSU)

NU 6A (3)  FIELD EXPERIENCE DIETARY MANAGER
1 Hr. Lec. 4 Hrs. Lab.
Prerequisites: NU 1, 3, 2, and 3. Permission of the instructor. Supervised field experience in a dietary on-the-job setting at a health care facility. (Nontransferable, AA/AS degree only)

NU 48 (3)  FIELD EXPERIENCE-SCHOOL FOOD SERVICES MANAGER
1 Hr. Lec. 4 Hrs. Lab.
Prerequisites: NU 2, 3, and 4. Permission of the instructor. Supervised field experience in a dietary on-the-job setting at a school food facility. (Nontransferable, AA/AS degree only)

NU 7 (3)  INTRODUCTION TO HOSPITALITY INDUSTRY
2 Hrs. Lec. 2 Hrs. Lab.
Prerequisite: Permission of the instructor and completion of core courses. Principles and practices of hospitality as it relates to food service the private and public sector. Personnel relations, public relations and community relation issues are explored. (CSU)

NU 8 (3)  MENU PLANNING AND PURCHASING
3 Hrs. Lab.
Prerequisites: Permission of the instructor and completion of core courses. The principles of menu planning and purchasing of food service including family and child nutrition. Nutrition manager will learn to analyze information and examine issues and options so that they will be better able to plan menus that meet nutritional requirements, follow menu design principle, comply with budgetary constraints, and to plan menus that are acceptable. (Nontransferable, AA/AS degree only)

PHILOSOPHY

PHI 1A (3)  INTRODUCTION TO PHILOSOPHY
3 Hrs. Lec.
Men's interpretation of the nature and meaning of reality. Emphasis placed upon the existence of God, free will, and mind-body problems. (CSU, UC)

PHI 1B (3)  INTRODUCTION TO PHILOSOPHY
3 Hrs. Lec.
The place of philosophy in intelligent living and the methods and significance of philosophical inquiry. Emphasis is placed upon problems of value and human nature. Phil 1B may be taken before Phil 1A. (CSU, UC)

PHI 10 (3)  LOGIC
(CAN PHIL 6)
3 Hrs. Lec.
An introduction to deductive and inductive logic. Attention focused upon the relationship between logic and language fallacies, and the use of everyday life in reality. (CSU, UC)

PHIL 11 (3)  ETHICS
3 Hrs. Lec.
An introduction to significant and typical values theories and systems, and of the concrete problems such theories seek to explain. Emphasis placed upon teaching students to critically analyze their own value systems. (CSU, UC)

PHIL 25 (3)  RELIGIONS OF THE MODERN WORLD
3 Hrs. Lec.
An introduction to the various contemporary religions of the world with an emphasis on their historical development. Study of basic beliefs of such religions as Hinduism, Buddhism, Taoism, Zen. (CSU, UC)

PHYSICAL EDUCATION

Undoes exempt, each student is required by district policy to schedule one activity course each semester. A student may take a-E-C-D sections of the same course, but not in the same semester.

PE 1 (2)  PHYSICAL EDUCATION ACTIVITY - MILITARY SERVICE
Prerequisite: The satisfactory completion of basic or recruit training and 180 days or more active service in the military of the United States of America. The student wishing credit for military service must notify the DOD or equivalent supporting document to the Veterans Administer and register for the credit. If the student registers for the class for military credit and does not submit verification of service, the student will be dropped at the end of the term and will not receive credit. PE 1 does not count for units toward VA, Financial Aid, or full-time student status. These are not contact hours. May receive credit only once. (CSU)

PE AABCD (1-1-1) PHYSICAL FITNESS, WOMEN
2 Hrs. Lab.
This course is designed to emphasize physical conditioning and development. Equips the student with a repertoire of exercises and conditioning activities which can be used to maintain physical fitness throughout college and adult life. (CSU) (UC credit limited. See a counselor.)

PE AABCD (1-1-1) BADMINTON, COED
2 Hrs. Lab.
(Continued)

Adapted rules, background, and techniques of playing badminton. (CSU) (UC credit limited. See a counselor.)

PE AABCD (1-1-1) SWIMMING, COED
2 Hrs. Lab.
This course is concerned with teaching the student to successfully execute the proper strokes for swimming. Skills, fundamentals, and safety knowledge are stressed from the beginner to the intermediate swimmer. (CSU) (UC credit limited. See a counselor.)

94

95
PE 6ABC (2-2-2-2)
LIFEGUARD TRAINING/ADVANCED LIFESAVING
1.5 Hrs. Lect., 1.5 Hrs. Lab.
Prerequisites: Swim 500 yards continuously using each of the following strokes for a minimum of at least 50 yards each: crawl, breast stroke, elementary back stroke, and side stroke. Surface dive to a minimum depth of 9 feet and bring a 10 lb. weight up to the surface. Surface dive to a minimum depth of 5 feet and swim a minimum of 15 yards under water. Advanced swimming and survival skills and techniques of Lifeguard Training and Advanced Lifesaving. This course meets the aquatic skills required for the American Red Cross Lifeguard Training and Advanced Lifesaving courses. (CSU, UC)

PE 7ABC (2-2-2-2)
WATER SAFETY INSTRUCTOR TRAINING
1 Hr. Lect., 2 Hrs. Lab.
Prerequisite: Lifeguard Training Certificate and/or Advanced Lifesaving for the W.S.I. Certificate. A course designed to acquaint the student with the basic principles of being an aquatic instructor in the areas of infant and preschool children, progressive swimming courses in the following levels: A. Beginners; B. Advanced Beginners; C. Intermediate; D. Swimmers; E. Advanced Swimmers as well as the methods for teaching: Basic Water Safety in addition to Emergency Water Safety. (CSU, UC)

PE 9ABC (1-1-1-1)
ADAPTED PHYSICAL EXERCISES, COED
2 Hrs. Lab.
Open only to students who are unable to participate in the regular physical education program. The course is specifically designed to meet the individual needs of these students. (CSU) (UC credit limited. See a counselor.)

PE 10ABC (1-1-1-1)
TEAM SPORTS
2 Hrs. Lab.
The course is designed to stimulate the development of mental and physical alertness and poise, and to encourage regular participation in a variety of sports which include recreational activities. (CSU) (UC credit limited. See a counselor.)

PE 11ABC (1-1-1-1)
VOLLEYBALL, COED
2 Hrs. Lab.
A course designed to teach the basic fundamentals of volleyball such as the serve, setting, spiking, and team play. Rules and class competition are included. (CSU) (UC credit limited. See a counselor.)

PE 12ABC (1-1-1-1)
TENNIS, COED
2 Hrs. Lab.
Tennis offers training in the basic fundamentals of the game including history, rules, and etiquette. Social etiquette of the game is stressed along with the worthy use of leisure time. Tournament competition in singles and doubles is emphasized. (CSU) (UC credit limited. See a counselor.)

PE 13 (I)
ADVANCED TENNIS, COED
2 Hrs. Lab.
Prerequisite: PE 12ABC or approval of the instructor. Review and practice of forehand, backhand, serve and volley, overhead serve, and drop. Emphasis on court strategy and tactics for singles and doubles competition. (CSU) (UC credit limited. See a counselor.)

PE 14ABC (1-1-1-1)
ADVANCED VOLLEYBALL, COED
2 Hrs. Lab.
Prerequisite: Completion of all four semesters of PE 1IA and demonstrate competency in advanced skills. Continuation of PE 11AD. More advanced volleyball skills. More emphasis on tournament play and advanced strategy. More emphasis will be placed on spiking and blocking. (CSU) (UC credit limited. See a counselor.)

PE 15ABC (1-1-1-1)
ADVANCED PHYSICAL FITNESS, COED
2 Hrs. Lab.
Prerequisite: Completion of four semesters of PE 17AD and/or PE 3AD and approval of the instructor. Advanced instruction in weight training and body building practice and technique. Emphasis placed on maximum development with more time devoted to individual programs of proper exercise and nutrition. (CSU) (UC credit limited. See a counselor.)

PE 17ABC (1-1-1-1)
PHYSICAL FITNESS, MEN
2 Hrs. Lab.
The course is designed to emphasize physical conditioning and development for the men with a repertoire of exercises and conditioning activities which can be used to maintain physical fitness throughout college and adult life. (CSU) (UC credit limited. See a counselor.)

PE 18ABC (1-1-1-1)
GOLF, COED
2 Hrs. Lab.
Offering training in the fundamentals of strokes with irons, woods, and putters; includes rules and etiquettes of the game. Actual participation upon a golf course and the worthy use of leisure time are emphasized. (CSU) (UC credit limited. See a counselor.)

PE 19ABC (1-1-1-1)
ADVANCED GOLF, COED
2 Hrs. Lab.
Prerequisite: Completion of PE 18AD and/or approval of the instructor. Advanced training in strokes with irons, woods, and putters; includes rules of the game and emphasis on strategies and tournament play. (CSU) (UC credit limited. See a counselor.)

PE 20ABC (1-1-1-1)
SOFTBALL, COED
2 Hrs. Lab.
The course is designed to emphasize the fundamentals, knowledge of rules, coaching techniques, and basic knowledge of the game of softball. (CSU) (UC credit limited. See a counselor.)

PE 21ABC (2-2-2-2)
ADVANCED SPORTS ACTIVITY, COED
1 Hr. Lab. 2 Hrs. Lab.
Prerequisite: Price competitive background and permission of the instructor. This course is designed for students with previous experience in the sport of volleyball, softball, and basketball. The course will cover basic fundamentals as well as advanced team strategies found in competitive situations. A minimum of fifteen hours per semester for each student is required in outside activities such as community sports and recreational programs. (CSU) (UC credit limited. See a counselor.)

PE 22ABC (1-1-1-1)
RACQUETBALL AND HANDBALL, COED
2 Hrs. Lab.
Instruction and development of the handball skills. Presentation of singles and doubles play, including basic shots and strategy. (CSU) (UC credit limited. See a counselor.)

PE 23ABC (1-1-1-1)
BASKETBALL FOR WOMEN
2 Hrs. Lab.
Designed for women students interested in basketball. To offer basic and advanced fundamentals, team play, and strategy. (CSU) (UC credit limited. See a counselor.)

PE 24ABC (1-1-1-1)
BASKETBALL FOR MEN
2 Hrs. Lab.
An introduction to the fundamental skills and strategy of the game. Rules and class competition are included in the course. (CSU) (UC credit limited. See a counselor.)

PE 26ABC (1-1-1-1)
MODERN DANCE, COED
2 Hrs. Lab.
Participation and instruction in rhythmic fundamentals, factors related to movement, movement fundamentals and dance skills, creativity, and evaluation. Designed to develop the student's ability to use expressive body movements in a creative art form. More complex individual dance sequences and small group dance study. (CSU) (UC credit limited. See a counselor.)

PE 28ABC (2-2-2-2)
DANCE THEATER, COED
3 Hrs. Lab. 1 Hr. by arrangement
Prerequisite: Permission of the instructor. A performance group presenting all forms of dance and related theatre arts. A minimum of five outside performances required each semester. Meet physical education activity requirement. (CSU) (UC credit limited. See a counselor.)

PE 29ABC (1-1-1-1)
JAZZ DANCE, COED
1 Hr. Lab.
A study ofsyncopated movement. (CSU) (UC credit limited. See a counselor.)

PE 30ABC (2-2-2-2)
SOUND AND CHER
4 Hrs. Lab.
Practice and performance class for sound engineers and cheerleaders. Studies physical education activity class requirement. (CSU)
GROUP SPORTS

2 Hrs. Lab.

This course is designed to promote individual skill development for the physically limited student. (CSU) (UC credit limited. See a counselor.)

GROUP SPORTS FOR THE PHYSICALLY LIMITED

2 Hrs. Lab.

This course is designed to broaden the physically limited student's awareness of group activities and develop a willingness to participate. (CSU) (UC credit limited. See a counselor.)

PE 55 (2-3)

INTRODUCTION TO PHYSICAL EDUCATION

2 Hrs. Lab.

Principles and organization of physical education and areas of specialization within the field. (CSU) (UC credit limited. See a counselor.)

PS 58 (2-3)

PSYCHOLOGY OF COACHING

2 Hrs. Lab.

Prerequisite: Introduction to Physical Education. A course covering all the aspects of the psychology of coaching sports. Includes certain guides to show how teaching and learning sports. Students must plan for an additional three hours per week to officiate at elementary schools. (CSU) (UC credit limited. See a counselor.)

PS 59AB (3-3)

SPORTS OFFICIATING, MEN

2 Hrs. Lab. 3 Hrs. Lab.

Theory and practice in the techniques of officiating in highly organized games and sports such as basketball, football, wrestling, baseball, track, and tennis. Students must plan for an additional three hours per week to officiate at elementary schools. (CSU) (UC credit limited. See a counselor.)

PS 59BC (3-3)

SPORTS OFFICIATING, WOMEN

2 Hrs. Lab. 3 Hrs. Lab.

To familiarize prospective physical education majors and minors with the rules of team and individual sports for women. (CSU) (UC credit limited. See a counselor.)

PE 61 (3)

PHYSICAL EDUCATION IN THE ELEMENTARY SCHOOL

3 Hrs. Lab.

This course is designed to prepare the elementary school teacher to teach the whole child through physical education. (CSU)

PE 62AB (3-3)

PHYSICAL EDUCATION FOR SPECIAL OLYMPICS

2 Hrs. Lab. 2 Hrs. Lab. plus 2 Hrs. Lab. to be arranged

A course designed to train college students to condition and prepare mentally retarded persons for competition in Special Olympics. (CSU) (UC credit limited. See a counselor.)

PHYSICS

4 A (5)

GENERAL PHYSICS

3 Hrs. Lab. 3 Hrs. Lab.

Prerequisite: Credit for or concurrent enrollment in Math 3A. This course is designed to give an understanding of the fundamental principles of physics in the areas of mechanics. (CSU) (UC credit limited. See a counselor.)

PHYSICS

4B (5)

GENERAL PHYSICS

3 Hrs. Lab. 4 Hrs. Lab.

Prerequisite: Phys 4A and credit or concurrent enrollment in Math 3B. This course is designed to give an understanding of the fundamental principles of physics in the areas of electricity, magnetism, atomic, and nuclear physics. (CSU) (UC credit limited. See a counselor.)

PHYSICS

4C (5)

GENERAL PHYSICS

3 Hrs. Lab. 4 Hrs. Lab.

Prerequisite: Phys 4A and credit or concurrent enrollment in Math 3B. This course is designed to give an understanding of the fundamental principles of physics in the areas of waves, heat, light, relativity, quantum mechanics and atomic physics. (CSU) (UC credit limited. See a counselor.)

PHYSICS

4D (5)

INTRODUCTION TO PHYSICS FOR HEALTH PROFESSIONS

3 Hrs. Lab. 3 Hrs. Lab.

This course introduces physics for health professions. Does not apply toward a major in general science or physics science. (CSU)

PHYSIOLOGY

PHYSIOIOY

4 BIOL 12

HUMAN PHYSIOLOGY

2 Hrs. Lab. 4 Hrs. Lab.

Prerequisites: One year each of high school chemistry and biology. (CSU)

PLUMBING

10 (3)

PIPE TRADING ORGANIZATION

3 Hrs. Lab.

This course will provide an introduction to industry and is designed to provide the apprentice with a working knowledge of the uses and tools of pipe fitting. (Nontransferable, nondegree applicable)

POLITICAL SCIENCE

POLICY SCI 1 (3)

INTRODUCTION TO POLITICAL SCIENCE

3 Hrs. Lab.

An introduction to the theories, principles, and problems of modern political life and the methods of studying and acquiring political knowledge. Illustrated materials drawn primarily from the American experience. This course and either Poly Sci 2 or Hist 17A will meet graduation requirements in American institutions. (CSU, UC)

POLICY SCI 2 (4)

AMERICAN GOVERNMENT AND POLITICS

3 Hrs. Lab.

The origin, development and operation of local, state and national political institutions within the United States emphasizing the contemporary functions of the American political system. This course and either Poly Sci 1 or Hist 17B will meet graduation requirements in American institutions. May be taken before Poly Sci 1. (CSU, UC)
POLY SCI 14 (3)  
INTRODUCTION TO INTERNATIONAL RELATIONS  
3 Hrs. Lec.  
An introductory course stressing the techniques of analysis of the basic factors making for conflict and adjustment in contemporary international relations. Problems of nationalism and imperialism, elements of national power, causes of war, methods of seeking peace, the role of international organizations, and the foreign policies of the major powers will be considered. Emphasis will be upon contemporary developments. (CSU, UC)

PSYCHOLOGY  
PSYCH 1A (3)  
INTRODUCTION TO PSYCHOLOGY  
3 Hrs. Lec.  
Prerequisite: PSYCH 1A or equivalent is recommended. An introduction to the study of behavior and cognition. Includes consideration of many of the major topics in psychology including, but not limited to, the biology of behavior, learning, human development, sleep and consciousness, personality, mental disorders and therapy, and social processes. (CSU, UC)

PSYCH 1B (3)  
LEARNING  
3 Hrs. Lec.  
Prerequisite: PSYCH 1A or equivalent is recommended. This course will explore the role of learning in the adoption of human and other animals to their changing environment. Research methodology, Pavlovian and operant theories, applications and implications, and higher cognitive processes will be examined. (CSU, UC)

PSYCH 1H (3)  
INTRODUCTION TO PSYCHOLOGY - HONORS  
1 Hr. Lec.  
Prerequisite: Current test grades of B or better in PSYCH 1A and permission of the instructor. Concurrent: Concurrent enrollment in PSYCH 1A. This course involves supervised research in the field of psychology. The research may be library research on a topic approved by the instructor, or it may be done in a laboratory or field situation. The experiment or survey must be presented in an organized and formal manner as explained by the instructor. The research paper is to be in addition to any written work required in PSYCH 1A. (CSU)

PSYCH 2 (3)  
BILOGICAL PSYCHOLOGY  
3 Hrs. Lec.  
Prerequisite: PSYCH 1A or equivalent is recommended. An exploration of the biological basis of human behavior. The development, structure and functions of the nervous system is thoroughly examined to provide insight into its complex relationship with human behavior, thought, and feelings. The history of neuroscience and methods of scientific inquiry are reviewed. (CSU, UC)

PSYCH 3 (3)  
PSYCHOLOGY OF ADJUSTMENT  
3 Hrs. Lec.  
Prerequisite: PSYCH 1A or equivalent is recommended. A study of the development of effective behavior. Focuses on individual behavior such as self-control, stress and emotional reactions; self-image, motivation, self-deception, lifespan development and the major psychological theories, which address these behaviors. Effective group behaviors including interpersonal relationships, marriage, sex, and society are also examined. (CSU)

PSYCH 4 (3)  
PSYCHOLOGY OF HUMAN SEXUALITY  
3 Hrs. Lec.  
A study of the psychology of Human Sexuality. Includes anatomy and physiologyof sexual functions, sexual dysfunctions, sexually transmitted diseases, infertility, contemporary sexual attitudes and behaviors, sexual deviations, and controversies and implications for the individual and the society. (CSU, UC)

PSYCH 5 (3)  
PSYCHOLOGY OF EFFECTIVE BEHAVIOR  
3 Hrs. Lec.  
A survey of some of the relevant psychological facts, principles, and concepts involved in the experience and problems of everyday living. An experimental approach, including emphasis upon effective behavioral alternatives in parenting, interpersonal relations, values clarification, methods for successful study, and the art of taking responsibility for one’s own life. (CSU)

PSYCH 6 (3)  
CURRENT ISSUES IN PSYCHOLOGY  
3 Hrs. Lec.  
Prerequisite: PSYCH 1A or equivalent is recommended. A detailed examination of recent research and publications in the areas of psychology as a science, the biological bases of behavior, psychological bases and psychological disorders and therapeutic processes. An up-to-date examinations of selected topics in the field of psychology. (CSU)

PSYCH 8A (3)  
PERSONAL AND CAREER DEVELOPMENT  
1 Hr. Lec.  
(Same as HR 8) (CSU)

PSYCH 8B (3)  
PERSONAL AND CAREER DEVELOPMENT  
1 Hr. Lec.  
(Same as HR 8B) (CSU)

PSYCH 8C (1)  
PERSONAL AND CAREER DEVELOPMENT  
1 Hr. Lec.  
(Same as HR 8C) (CSU)

PSYCH 9 (3)  
INTRODUCTION TO COUNSELING  
3 Hrs. Lec.  
(Same as ADS/HHR 9) (CSU)

PSYCH 11A (3)  
PRACTICUM  
1 Hr. Lec.  
6 Hrs. Lab. field experience per week.  
(Same as ADS/HHR 11A) (CSU)

PSYCH 11B (3)  
PRACTICUM  
1 Hr. Lec.  
6 Hrs. Lab. field experience per week.  
(Same as ADS/HHR 11B) (CSU)

PSYCH 13 (3)  
INTRODUCTORY STATISTICS WITH APPLICATIONS  
3 Hrs. Lec.  
(CAN STAT 2) (CSU, UC)

PSYCH 14 (3)  
ABNORMAL PSYCHOLOGY  
3 Hrs. Lec.  
Prerequisite: PSYCH 1A or equivalent is recommended. Covers the major categories of mental disorders listed in the latest Diagnostic and Statistical Manual of Mental Disorders (DSM). This course draws upon mental health contributions from various disciplines and theoretical stances. Case studies and research-based explanations are examined. Contraversial topics related to mental disorder are explored. (CSU, UC)

PSYCH 15 (3)  
SOCIAL AND PSYCHOLOGICAL DYNAMICS OF DRUG USE  
3 Hrs. Lec.  
Prerequisite: Concurrent enrollment in a course in the social sciences. (Same as PSYCH 1A, Psych 1B, Soc 1 or Soc 17 recommended for permission of the instructor. This course views drug use behavior from a sociological and psychological perspective. It includes an analysis of factors contributing to drug use, societal influence (peer group) and the family, and personal psychodynamics and development. It encompasses illegal drug use as well as legal drug use, particularly of practical value to parents and various professional and semi-professional workers will be addressed. (Same as ADS/Soc 15) (CSU)

PSYCH 16 (3)  
THE PSYCHOLOGY OF INTERPERSONAL RELATIONSHIPS  
3 Hrs. Lec.  
An investigation of the dynamics of interpersonal relationships. Starting, developing, understanding, and improving one’s relationships with others will be the focus of this course. Topics covered will include love, jealousy, acceptance, listening skills, self-disclosure. The course involves lecture, discussion, and experimental techniques. (Same as HR 16) (CSU)

PSYCH 17 (3)  
SOCIAL PSYCHOLOGY  
3 Hrs. Lec.  
The study of how personality and behavior are influenced by the social context. Major concepts, problems, and findings concerning the relationship of the individual and society, includes construction of meaning, self concept and social identity, group behavior and group membership. (Same as Social 17) (CSU, UC)

PSYCH 18 (1)  
RESEARCH IN PSYCHOLOGY  
1 Hr. Lec.  
Prerequisite: Completion of PSYCH 1A or any other psychology class recommended. An introduction to the scientific method of research used in Psychology. The class will work in groups to learn and carry out the basic steps in the research process. (CSU)

PSYCH 19 (3)  
The PSYCHOLOGY OF LOSS  
3 Hrs. Lec.  
The grief process will be explored as well as how one can help a person resolve a personal loss, whether it be by divorce, death, separation, the aging process, illness, retirement, changing one's concept of grief in oneself and others so to be better prepared and for creating life as a challenge rather than a threat will be covered. Alternative models of caring for the terminally ill patient will be presented as well as the concept of "conscious living, conscious dying." (CSU)

PSYCH 20 (3)  
DEVELOPMENTAL PSYCHOLOGY OF CHILDREN  
3 Hrs. Lec.  
(Same as ECE 20) (CSU) (UC credit limited. See a counselor.)

PSYCH 21 (3)  
EARLY CHILDHOOD SOCIALIZATION: CHILDREN, FAMILY AND COMMUNITY  
3 Hrs. Lec.  
(Same as ECE 21) (CSU)

PSYCH 22 (3)  
ADVANCED DEVELOPMENTAL PSYCHOLOGY AND OBSERVATION  
3 Hrs. Lec.  
(Same as ECE 22) (CSU)

PSYCH 26 (3)  
PRINCIPLES OF PARENTING  
3 Hrs. Lec.  
(Same as ECE 26) (CSU)

PSYCH 27 (3)  
UNDERSTANDING EXCEPTIONAL STUDENTS  
2 Hrs. Lab. 2 Hrs. Lab.  
(Same as ECE 27/PL 1) (CSU)

PSYCH 30 (3)  
PSYCHOLOGY OF ADOLESCENCE  
3 Hrs. Lec.  
A study of human development from pre-adolescence through early and later adolescence to young adulthood. The course includes practical aspects of dealing with adolescents influencing, training, and problem areas. (CSU, UC credit limited. See a counselor.)
PSYCH 35 (3)  
DEVELOPMENTAL PSYCHOLOGY: CONCEPTION TO DEATH  
3 Hrs. Lic.  
A study of human development from conception to death, including conception, prenatal development, infancy, toddlerhood, preschool years, middle childhood, adolescence, early adulthood, middle years, middle adulthood, later adulthood, and death. The course covers growth and development theories of development, current research, and psychodynamic theories of development. (CSU) (UC credit limited. See a counselor.)

PSYCH 40 (3)  
INTRODUCTION TO CRISIS COUNSELING  
3 Hrs. Lic.  
Prerequisite: Psych 1A. A course designed to familiarize the student with basic understanding of the causes, manifestations, and treatment of emotional illness, especially relevant to crisis situations. (CSU)

PSYCH 53 (3)  
GROUP LEADERSHIP AND GROUP PROCESS  
3 Hrs. Lic.  
(Same as ADS 53) (CSU)

RECREATION  
REC 70 (3)  
INTRODUCTION TO LEISURE  
3 Hrs. Lic.  
Presents the basic ideas and problems in our contemporary society and projects thinking into the future when greater demands of leisure time in maintaining mental and physical health. (CSU)

REC 71 (3)  
SOCIAL RECREATION  
3 Hrs. Lic.  
A theory and activity course designed to present instruction, material, and information necessary to effectively conduct social recreation in clubs, playgrounds, recreation centers, churches, and camps. Emphasis is on the social development and integration of individuals into group programs, including planning, programming, and conducting social recreation activities. (CSU)

REC 72 (3)  
OUTDOOR RECREATION  
2 Hrs. Lic. 3 Hrs. Lab.  
History, development, principles, and trends of organized camping; and nature and conservation; and outdoor recreation. Laboratory and field trips, including camping and hiking activities. Practical skills in first aid, outdoor cooking, and backpacking. Leadership training in camp counseling. Required for recreation majors. (Will not satisfy PE requirement.) (CSU)

SOCIOLOGY  
SOCOL 1 (3)  
INTRODUCTORY SOCIOLOGY  
3 Hrs. Lic.  
An introductory course to the study of society. Major ideas, concepts, and methods in the study of society to include culture, social structure, social stratification, deviance and social control, social change, and marriage in the family. (CSU, UC)

SOCOL 2 (3)  
CONTEMPORARY SOCIAL PROBLEMS  
3 Hrs. Lic.  
This course deals with contemporary social problems and will cover these areas that are currently being defined by our society as social issues. Emphasis will be given to understanding these problems on the societal level, the group level, and from the standpoint of the individual. (CSU, UC)

SOCOL 10 (3)  
SOCIOLOGY OF MINORITY GROUPS  
3 Hrs. Lic.  
This course includes the study of the theories of prejudice and discrimination of different groups within American society. It will cover an historical analysis of the problems of these groups and typical areas will include racism, sexism, ageism, and ethnic and religious discrimination. (Same as ADS 10) (CSU, UC)

SOCOL 15 (3)  
SOCIAL AND PSYCHOLOGICAL DYNAMICS OF DRUG USE  
3 Hrs. Lic.  
(Same as ADS/Psych 15) (CSU)

SOCOL 17 (3)  
SOCIAL PSYCHOLOGY  
3 Hrs. Lic.  
(Same as Psych 17) (CSU, UC)

SOCOL 30 (3)  
CRIMINOLOGY  
3 Hrs. Lic.  
(Same as ADMS 30) (CSU)

SOCOL 33 (3)  
MARRIAGE AND THE FAMILY  
3 Hrs. Lic.  
An introductory course to marriage and the family. Major ideas and concepts include: the history of love and marriage, myths and hidden realities, sex roles, singlehood and pairing, communication and conflict resolution, separation and divorce, remarriage. (CSU)

SOCOL 49 (3)  
COMPUTERS AND SOCIETY  
3 Hrs. Lic.  
A general course designed to acquaint students with computers and their related social issues, such as: computers, computer crime, privacy, and computer ethics. Computer as agent of social change. This course does not include hands-on experience with computers. (CSU)

SOCOL 50 (3)  
HUMAN SERVICES IN A CHANGING SOCIETY  
3 Hrs. Lic.  
(Same as ADS 50) (CSU)

SPANISH  
SPAN 1 (5)  
ELEMENTARY SPANISH  
5 Hrs. Lic.  
Prerequisites: The student must be able to speak and read English. This course is one-half the content of the regular Span 1 course. Completion of Span 1A and IB will be the equivalent of Span 2. (CSU) (UC credit limited. See a counselor.)

SPAN 1B (2.5)  
ELEMENTARY SPANISH  
2.5 Hrs. Lic.  
Prerequisite: The student must be able to speak and read English. This course is one-half the content of the regular Span 1 course. Completion of Span 1A and IB will be the equivalent of Span 1 and the total of 5 units. (CSU) (UC credit limited. See a counselor.)

SPAN 2 (5)  
ELEMENTARY SPANISH  
5 Hrs. Lic.  
Prerequisite: The student must be able to speak and read English. This course is one-half the content of the regular Span 1 course. Completion of Span 1A and IB will be the equivalent of Span 2 and the total of 5 units. (CSU) (UC credit limited. See a counselor.)

SPAN 2A (2.5)  
ELEMENTARY SPANISH  
2.5 Hrs. Lic.  
Prerequisite: The student must be able to speak and read English. This course is one-half the content of the regular Span 1 course. Completion of Span 1A and IB will be the equivalent of Span 2 and the total of 5 units. (CSU) (UC credit limited. See a counselor.)
SPAN 2B (2.5)
ELEMENTARY SPANISH
2.5 Hrs. Lec.
Prerequisite: The student must be able to speak and read English.
For additional oral practice concurrent enrollment in Span 60 is recommended.
Doc. student can be assessed in Span 2B only after having achieved the minimal performance objectives specified for Span 2B. This course is intended for the second year of Span 1. Completion of Span 2B is a prerequisite for Span 20A.
This course is a continuation of Span 2A. (CSU) (UC credit limited. See a counselor.)

SPAN 3 (3)
INTERMEDIATE SPANISH
5 Hrs. Lec.
Prerequisite: The student must be able to speak and read English.
The student can be successful in Span 3 only after having achieved all of the minimal performance objectives specified for both Span 1 and Span 2. Either a recent course in Span 2 or a recent year high school Spanish course with good retention should enable the student to succeed in Span 3. A combination of Span 2 covering the uses of all Spanish tenses with special emphasis on the subjective and imperative modes. (CSU) (UC credit limited. See a counselor.)

SPAN 4 (5)
INTERMEDIATE SPANISH
5 Hrs. Lec.
Prerequisite: The student must be able to speak and read English.
The student can be successful in Span 4 only after having achieved all of the minimal performance objectives specified for Span 1, 2, and 3. A recent course in Span 3 or the recent completion of 4 years of high school Spanish with good retention should enable the student to succeed in Span 4. A combination of Span 3 but with greater emphasis on the reading and writing skills. The student will work with all tenses and modes of the Spanish language. (CSU) (UC credit limited. See a counselor.)

SPAN 5A (2.5)
BEGINNING CONVERSATIONAL SPANISH AND CULTURE
2.5 Hrs. Lec.
A course designed to give the student a basic ability in everyday Spanish. The course will emphasize vocabulary building, conversational skills, listening and comprehension, and culture. (CSU)

SPAN 5B (2.5)
BEGINNING CONVERSATIONAL SPANISH AND CULTURE
2.5 Hrs. Lec.
Prerequisite: Span 5A recommended. Concurrent enrollment in Span 5B is recommended. A continuation of Span 5A. (CSU)

SPAN 20A (5)
BILINGUAL SPANISH
5 Hrs. Lec.
Prerequisite: Spanish speaking fluency, native or near-native or 3 years of high school Spanish. The course is designed to develop in the student the four basic language skills of listening, speaking, reading, and writing with a constant comparison between Spanish and English usage. Emphasis will be on the indicative tenses: present, pretérito, imperfect, and future. These skills will be exploited through reading in the contemporary culture of Spain, Latin America, and the Spanish speaking communities in the United States - Miami, Cubans, Puerto Ricans, and Stepheatics. (CSU) (UC credit limited. See a counselor.)

SPAN 20B (5)
BILINGUAL SPANISH
5 Hrs. Lec.
Prerequisite: Span 20A or four years of high school Spanish. Continuation of Span 20A. Emphasis on the conditional and the subjunctive forms. (CSU) (UC credit limited. See a counselor.)

SPAN 23 (3)
BILINGUAL ORAL SPANISH
3 Hrs. Lec.
Prerequisite: Two years of high school Spanish or equivalent. Introductory survey of representative movements, authors, and works of Spanish American literature from the Spanish discovery to the present. Course conducted in Spanish. (CSU, UC)

SPAN 25 (3)
INTRODUCTION TO SPANISH AMERICAN LITERATURE
3 Hrs. Lec.
Prerequisite: Two years of high school Spanish or equivalent. An introductory survey of representative movements, authors, and works of Spanish American literature from the Spanish discovery to the present. Course conducted in Spanish. (CSU, UC)

SPAN 26 (3)
INTRODUCTION TO SPANISH AMERICAN LITERATURE
3 Hrs. Lec.
Prerequisite: Two years of high school Spanish or equivalent. This course is designed to give students an introduction to theory and practice in translating and interpreting. There will be intensive vocabulary building and ear-training exercises; extensive and intensive reading on current events, cross-cultural training and research on career possibilities in these areas. (CSU)

SPAN 28A (3)
THE MEXICAN AMERICAN IN LITERATURE
3 Hrs. Lec.
(= Same as Eng 46A) (CSU, UC)

SPAN 28B (3)
THE MEXICAN AMERICAN IN LITERATURE
3 Hrs. Lec.
(= Same as Eng 46B) (CSU, UC)

SPAN 42 (3)
INTRODUCTION TO MEXICAN AMERICAN STUDIES
3 Hrs. Lec.
An interdisciplinary survey of the historical role, culture, values, and artistic contributions of the Mexican Americans to the United States. From 1836 to the present. Course conducted in English. (CSU, UC)

SPAN 60ABC (1-1-1)
LANGUAGE LABORATORY
2 Hrs. Lab.
Prerequisite: Concurrent enrollment in Spanish. Individualized language laboratory practice with prepared taped materials and text pronunciation. Supplementary course for beginning, intermediate, and advanced levels in Spanish. (Nontransferable, nondegree applicable only)

SPECIAL STUDIES
SPECIAL STUDIES 51 or 81 (1-3)
VOCATIONAL EDUCATION
Hours by arrangement

SPECIAL STUDIES 52 or 82 (1-3)
HUMANITIES
Hours by arrangement

SPECIAL STUDIES 53 or 83 (1-3)
ENGLISH
Hours by arrangement

SPECIAL STUDIES 54 or 84 (1-3)
NATURAL SCIENCE
Hours by arrangement

SPECIAL STUDIES 55 or 85 (1-3)
SOCIAL SCIENCE
Hours by arrangement

SPECIAL STUDIES 56 or 86 (1-3)
BUSINESS
Hours by arrangement

SPECIAL STUDIES 57 or 87 (1-3)
HEALTH, PHYSICAL EDUCATION AND RECREATION
Hours by arrangement

SPECIAL STUDIES 51-87
ADDITIONAL COURSES
Course content, prerequisites, and unit credit to be determined by the Division and the Office of Instruction in relation to community student interest and available staff. Not offered every semester. Courses numbered 52-55 are (CSU) (UC credit limited. See a counselor.) Courses numbered 51, 56 and 57 are (CSU). Courses numbered 81-87 are (Nontransferable, nondegree applicable)

SPECIAL STUDIES NONCREDIT

SPECIAL ST 98
SUPERVISED TUTORING
An individualized course of study in any discipline using materials available in the Learning Center. (Nontransferable, nondegree applicable)

SPECIAL ST 101
ORAL COMMUNICATION
3 Hrs. Lab.
Training in the fundamental processes involved in oral communication, with emphasis on organizing material, outlining, connecting, and delivering various forms of speeches. (CSU) (UC credit limited. See a counselor.)

SPECIAL ST 105
INTERMEDIATE PUBLIC SPEAKING
2 Hrs. Lab.
An introductory course with emphasis on organization and delivery, and study in the areas of (CSU) (UC credit limited. See a counselor.)

SPECIAL ST 106
ARGUMENTATION AND DEBATE
3 Hrs. Lab.
This course is a basic sorting of logical and rhetorical skills and techniques. (CSU, UC)

WATER TREATMENT TECHNOLOGY
WT 1 (4)
WATER TREATMENT PLANT OPERATOR I
4 Hrs. Lab.
This course will provide information needed to operate a basic fresh-water treatment plant as efficiently as possible. Course will consist of water source and treatment, coagulation and flocculation, sedimentation, filtration, disinfection, corrosion control, water and odor control, laboratory procedure, and plant operation and math. (CSU)

WT 2 (4)
WATER TREATMENT PLANT OPERATOR II
4 Hrs. Lab.
Prerequisite: WT 1. Study of fresh-water treatment plant safety, iron and manganese control, fluoride, softening, desalination, metering, handling and disposal of process wastes, instrumentation, maintenance, administration, drinking water regulations, and treatment plant math. (CSU)

WT 6 (3)
COMPUTATIONAL PROCEDURES FOR TREATMENT PLANT OPERATOR I
This course is designed to give water and waste water treatment operators a general knowledge of basic mathematics as applied to treatment plant operations. The subjects covered are: calculation of treatment plant problems; fractions; decimals; percentages; ratio; proportion; average; area; volume; metric system conversions; and estimations. (CSU)
WT 7 (3)  
COMPUTATIONAL PROCEDURES FOR TREATMENT PLANT OPERATOR II  
3 Hrs. Lect.  
Prerequisite: WT 6. This course is designed to give water and wastewater treatment operators a general knowledge of basic mathematics as applied to treatment plant operations. The subjects covered are: mathematics pertaining to water collection; preliminary treatment; primary treatment; secondary treatment; trickling filters; secondary clarifiers, and activated sludge. (CSU)

WT 9 (4)  
WASTE WATER TREATMENT I  
4 Hrs. Lect.  
Prerequisite: WT 6. This course is designed to train operators in the effective operation of waste water treatment plants. Course will consist of the fundamentals of waste water treatment, start-up operation, daily operation, interpretation of laboratory results, and process control. (CSU)

WT 10 (4)  
WASTE WATER TREATMENT II  
4 Hrs. Lect.  
Prerequisite: WT 9. Course will consist of waste water maintenance, plant safety, sampling, laboratory procedures, hydraulics, records, process control - activated sludge, sludge digestion, solids handling, and possible approaches to solving operational problems. (CSU)

WELDING TECHNOLOGY  
Enrollment in welding courses requiring a prerequisite is not allowed unless the prerequisite welding class is passed with a "C" grade or better.

WELD 31 (5)  
BASIC WELDING  
3 Hrs. Lect. 6 Hrs. Lab.  
A complete basic study of welding technology. The student practices techniques for skill development in shielded metal arc welding, gas tungsten arc welding, and oxy-acetylene welding processes. (CSU)

WELD 31A (2)  
OXY-ACETYLENE WELDING  
1 Hr. Lect. 2 Hrs. Lab.  
Theory, practice and application of joining metals by the oxy-acetylene process, includes metal cladding, cutting and becne welding. This course, together with Weld 31B, is equivalent to Weld 31. Not open to students who have completed Weld 31. (CSU)

WELD 31B (3)  
ARC WELDING  
2 Hrs. Lect. 4 Hrs. Lab.  
A beginning study of arc welding for the technology oriented student. The course consists of theory, practice and application of arc welding processes. Electrode selection and applications in different joint designs will be covered. This course, together with Weld 31A, is equivalent to Weld 31. Not open to students who have completed Weld 31. (CSU)

WELD 34 (3)  
INERT GAS SHIELDED ARC WELDING  
2 Hrs. Lect. 2 Hrs. Lab.  
Theory, practice and application of Tungsten-Inert-Gas processes on aluminum, stainless steel, mild steel, and other exotic metals. (CSU)

WELD 36A (5)  
ADVANCED WELDING  
3 Hrs. Lect. 6 Hrs. Lab.  
Prerequisite: Weld 31. This course is designed to train the student to develop the knowledge and skill to weld to the industry standards. (CSU)

WELD 36B (5)  
ADVANCED WELDING  
3 Hrs. Lect. 6 Hrs. Lab.  
Prerequisite: Weld 36A. This course is designed to train the student to develop the knowledge and skill to weld to the industry standards. (CSU)

WELD 36C (5)  
ADVANCED WELDING - WELDER CERTIFICATION AND BLUEPRINT READING  
3 Hrs. Lect. 6 Hrs. Lab.  
Prerequisite: Completion of Weld 36B. This course is designed to train the student to develop the knowledge and skill to weld to the industry standards. (CSU)

GENERAL ZOOLOGY  
Prerequisite: Any course in zoology. Introduction to the basic principles of animal biology with reference to structure, functions, classifications, inheritance, and the environment of animals in general with special emphasis on the invertebrates. (CSU, UC)

ZOO 1A (4)  
GENERAL ZOOLOGY  
2 Hrs. Lect. 6 Hrs. Lab.  
Prerequisite: WC 31. Introduction to the basic principles of animal biology with reference to structure, functions, classifications, inheritance, and the environment of animals in general with special emphasis on the invertebrates. (CSU, UC)

ZOO 1B (4)  
GENERAL ZOOLOGY  
2 Hrs. Lect. 6 Hrs. Lab.  
Prerequisite: WC 31. Introduction to the basic principles of animal biology with reference to structure, functions, classifications, inheritance, and the environment of animals in general with special emphasis on the invertebrates. (CSU, UC)
MAJORS

Generally, 18 units of specified course work will satisfy the requirement for the major, but some majors will require more than 18 units. Please note the specified number of required units at the beginning of each major description.

The following definitions apply to the major descriptions shown in this catalog:

1. Required courses are the specific courses which must be taken to fulfill the requirements in an area of study.

2. Acceptable courses are those from which the student may select in order to meet the total units requirement. The total number of units from the required course list, plus the number of units selected by the student from the acceptable course list, must equal at least the total unit count required for the major.

3. Courses recommended as electives are beyond the major's requirement. These courses are suggested only, and selection from this list depends upon the student's individual desires and the total number of electives available within his/her own program.

Students may satisfy the major requirements in the following fields of study:

ADMINISTRATION OF JUSTICE

Twenty-six units required for the major

<table>
<thead>
<tr>
<th>I. Required courses for the major</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Adm Jus 21 Intro to the Admin of Justice</td>
<td>3</td>
</tr>
<tr>
<td>Adm Jus 22 Principles &amp; Proof of the Justice System</td>
<td>3</td>
</tr>
<tr>
<td>Adm Jus 25 Concepts of Criminal Law</td>
<td>3</td>
</tr>
<tr>
<td>Adm Jus 26 Legal Aspects of Evidence</td>
<td>3</td>
</tr>
<tr>
<td>Adm Jus 28 Police Community Relations</td>
<td>3</td>
</tr>
</tbody>
</table>

II. Acceptable courses for the major (6 units from the following courses)

<table>
<thead>
<tr>
<th>Adm Jus 31 Criminology</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Adm Jus 32 Concepts of Probation &amp; Parole</td>
<td></td>
</tr>
<tr>
<td>Adm Jus 33 Traffic Control &amp; Vehicle Code</td>
<td></td>
</tr>
<tr>
<td>Adm Jus 34 Criminal Investigation</td>
<td></td>
</tr>
<tr>
<td>Adm Jus 35/36 Traffic Accident Investigation &amp; Reporting</td>
<td></td>
</tr>
<tr>
<td>Adm Jus 37 Juvenile Control</td>
<td></td>
</tr>
<tr>
<td>Adm Jus 38 Wildlife Law Enforcement</td>
<td></td>
</tr>
<tr>
<td>Adm Jus 39/40 Report Writing for Administration of Justice</td>
<td></td>
</tr>
<tr>
<td>Adm Jus 41 Accredited Firefighter Training Officer Level III</td>
<td>3.5</td>
</tr>
</tbody>
</table>

III. Recommended as electives (do not fulfill major requirement)

| Adm Jus 40 Advanced Officers Course                         | 3.5|
| Adm Jus 42 Advanced Criminal Law                             | 2.2|
| Adm Jus 43 Reserve Officers Level II Module B                | 5  |
| Adm Jus 44 Reserve Officers Level I Module C                 | 4  |
| Adm Jus 45 Peace Officer Reserve Academy                     | 9  |

AGRICULTURAL ENGINEERING TECHNOLOGY

Provides the student with technical knowledge of mechanization and the basic skills needed to succeed in production agriculture or one of the hundreds of agricultural support services in the Imperial Valley.

Twenty-four units required for the major

<table>
<thead>
<tr>
<th>I. Required courses for the major</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Bus 1A Prin of Financial Accounting</td>
<td>4</td>
</tr>
<tr>
<td>Bus 5 Bus &amp; the Legal Environment</td>
<td>3</td>
</tr>
<tr>
<td>Bus/HR 7 Human Relations in Management</td>
<td>3</td>
</tr>
<tr>
<td>Bus 29B Word Processing</td>
<td>3</td>
</tr>
<tr>
<td>Bus 30 Adv Wood Processing</td>
<td>3</td>
</tr>
<tr>
<td>Bus 31ABC Shorthand Theory &amp; Speedshop</td>
<td>3-3-3</td>
</tr>
<tr>
<td>Bus 39 Office Procedures</td>
<td></td>
</tr>
<tr>
<td>Bus 42 Business Communications</td>
<td></td>
</tr>
<tr>
<td>CJS 1 Intro to Information Systems</td>
<td></td>
</tr>
</tbody>
</table>

II. Required skill level for the major

Keyboarding skill level 60 wpm (Bus 25AB, Keyboarding Speed & Accuracy may be helpful in obtaining this speed level) shorthand skill level 70 wpm (A repeat of Bus 31ABC may be helpful in obtaining this speed level.)

NOTES: It is highly recommended that Econ 1 & Econ 2 be taken as general education requirements. Major covers general knowledge domains currently included in the Certified Professional Secretary examination.

AGRICULTURAL BUSINESS MANAGEMENT/TRANSFER

The Agricultural Business Management major is the application of business concepts to the agricultural industry and emphasizes training in management for careers in agriculture. These careers may include the management and operation of farms as well as in the management of firms that supply the service to farms and by those engaged in processing, marketing, distribution, and sales of farm products.

Twenty-four units required for the major

<table>
<thead>
<tr>
<th>I. Required courses for the major</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Ag 22 Intro to Agricultural Economics</td>
<td></td>
</tr>
<tr>
<td>Ag 25/Bus 3 Ag Business Management</td>
<td></td>
</tr>
<tr>
<td>Ag 26 Agricultural Bus Organization</td>
<td></td>
</tr>
<tr>
<td>Ag 27 Agri Sales &amp; Svcs Management</td>
<td></td>
</tr>
<tr>
<td>CJS 1 Intro to Information Systems</td>
<td></td>
</tr>
<tr>
<td>Econ 1 Principles of Economics</td>
<td></td>
</tr>
</tbody>
</table>

II. Acceptable courses for the major (select a minimum of 6 units)

| Ag 15 Pesticide Safety                                     | 1  |
| Ag 20 Animal Science                                      | 3  |
| Ag 30 Food & Fiber in a Changing World                    | 3  |
| Bus 1A                                                   | 3  |
| Bus 1B                                                   | 3  |
| Bus 5                                                   | 3  |
| Bus 6                                                   | 3  |
| Bus 20                                                  | 3  |
| Bus 24                                                  | 3  |
| Bus 25                                                  | 3  |
| Bus 26                                                  | 3  |
| Bus 27                                                  | 3  |
| Bus 28                                                  | 3  |
| Bus 29                                                  | 3  |
| Bus 30                                                  | 3  |
| Bus 31                                                  | 3  |
| Bus 32                                                  | 3  |
| Bus 33                                                  | 3  |
| Bus 34                                                  | 3  |
| Bus 35                                                  | 3  |
| Bus 36                                                  | 3  |
| Bus 37                                                  | 3  |
| Bus 38                                                  | 3  |
| Bus 39                                                  | 3  |
| Bus 40                                                  | 3  |
| Bus 41                                                  | 3  |
| Bus 42                                                  | 3  |
| Bus 43                                                  | 4  |
| Bus 44                                                  | 4  |
| Bus 45                                                  | 3  |
| Chem 2A                                                 | 4  |

| Ag 21 Feeds & Feeding Prerequisite: Ag 20, choose this class if Animal Science emphasis |   |
| Ag 32 Irrigation & Drainage Prerequisite: Ag 40 |   |
| Ag 40 Soils Prerequisite: Math X (Beginning Algebra) and Chem 2A (Introduction to Chemistry) |   |

| Ag 41 Fertilizer Prerequisite: Ag 40 |   |
| Ag 45 Vegetable Production Prerequisite: Ag 40 |   |

ALCOHOL AND DRUG STUDIES

Twenty-seven units required for the major

I. Required courses for the major

<table>
<thead>
<tr>
<th>ADS/Psyh/Psyh 25</th>
<th>Group Leadership &amp; Group Process</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>ADS/Psyh/Psyh 26</td>
<td>Practicum</td>
<td>3</td>
</tr>
<tr>
<td>ADS/Psyh/Psyh 27</td>
<td>Social &amp; Psychological Dynamics of Drug Abuse</td>
<td>3</td>
</tr>
<tr>
<td>ADS/Psyh/Psyh 28</td>
<td>Alcoholism, Intervention, Treatment &amp; Recovery</td>
<td>3</td>
</tr>
<tr>
<td>ADS/Psyh/Psyh 29</td>
<td>Physiological Effects of Alcohol &amp; Drug Use</td>
<td>3</td>
</tr>
</tbody>
</table>

II. Recommended courses (do not fulfill major requirements)

<table>
<thead>
<tr>
<th>Psych 3</th>
<th>Psychology of Adjustment</th>
<th>3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Psych 4</td>
<td>Psychology of Human Sexuality</td>
<td>3</td>
</tr>
<tr>
<td>Psych 5/16</td>
<td>The Psychology of Interpersonal Relationships</td>
<td>3</td>
</tr>
<tr>
<td>Psych 20</td>
<td>Psychology of Adolescence</td>
<td>3</td>
</tr>
<tr>
<td>Psych 25</td>
<td>Developmental Psychology: Conception to Death</td>
<td>3</td>
</tr>
<tr>
<td>Social 23</td>
<td>Matriage and the Family</td>
<td>3</td>
</tr>
</tbody>
</table>

ANTHROPOLOGY

Twenty-seven units required for the major

I. Required courses for the major

<table>
<thead>
<tr>
<th>Anthro 1</th>
<th>Physical Anthropology</th>
<th>3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anthro 2</td>
<td>Cultural Anthropology</td>
<td>3</td>
</tr>
<tr>
<td>Anthro 3A</td>
<td>Intro to Arch Site Surveying</td>
<td>3</td>
</tr>
<tr>
<td>Anthro 3B</td>
<td>Intro to Arch Excavations</td>
<td>3</td>
</tr>
</tbody>
</table>
II. Acceptable courses for the major (minimum of 9 units required from the following courses)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>Art 3A</td>
<td>History &amp; Appreciation of Art</td>
</tr>
<tr>
<td>Art 3B</td>
<td>History &amp; Appreciation of Art</td>
</tr>
<tr>
<td>Art 4</td>
<td>Hist &amp; Apprc of Modern Art</td>
</tr>
</tbody>
</table>

(Minimum of 6 units from the following courses)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>Art 5</td>
<td>Women Artists</td>
</tr>
<tr>
<td>Art 18A</td>
<td>Watercolor Painting</td>
</tr>
<tr>
<td>Art 18B</td>
<td>Watercolor Painting</td>
</tr>
<tr>
<td>Art 21A</td>
<td>Painting</td>
</tr>
<tr>
<td>Art 21B</td>
<td>Design</td>
</tr>
<tr>
<td>Art 21C</td>
<td>Design</td>
</tr>
<tr>
<td>Art 23A</td>
<td>Ceramics</td>
</tr>
<tr>
<td>Art 23B</td>
<td>Ceramics</td>
</tr>
<tr>
<td>Art 23C</td>
<td>Ceramics</td>
</tr>
<tr>
<td>Art 25A</td>
<td>Life Drawing</td>
</tr>
<tr>
<td>Art 25B</td>
<td>Life Drawing</td>
</tr>
<tr>
<td>Art 28</td>
<td>Technical Ceramics</td>
</tr>
</tbody>
</table>

*Should be taken first semester, if possible, to allow for sequence of Art 21B, Art 21A, and Art 25B.*

### AUTOMOTIVE TECHNOLOGY

#### Thirty-two units required for the major

<table>
<thead>
<tr>
<th>Required courses for the major</th>
</tr>
</thead>
<tbody>
<tr>
<td>Auto Tech 51/</td>
</tr>
<tr>
<td>Auto Tech 33A/</td>
</tr>
<tr>
<td>Art 51</td>
</tr>
<tr>
<td>Art 33A</td>
</tr>
<tr>
<td>Art 53</td>
</tr>
<tr>
<td>Auto Tech 54</td>
</tr>
<tr>
<td>Auto Tech 56</td>
</tr>
<tr>
<td>Auto Tech 58</td>
</tr>
<tr>
<td>Auto Tech 60</td>
</tr>
<tr>
<td>Auto Tech 61A</td>
</tr>
</tbody>
</table>

#### Recommended courses for the major (not required for the major)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>Auto Tech 55/</td>
<td>Adv Gasoline Eng &amp; Light Duty Diesel Engine Rebuilding</td>
</tr>
<tr>
<td>Auto Tech 57/</td>
<td>Fluid Power</td>
</tr>
<tr>
<td>Auto Tech 59/</td>
<td>Small Gasoline Engines</td>
</tr>
<tr>
<td>Auto Tech 65</td>
<td>Basic Machine Shop Technology</td>
</tr>
<tr>
<td>Auto Tech 66</td>
<td>Adv Machine Shop Technology</td>
</tr>
<tr>
<td>Auto Tech/Weld</td>
<td>Basic Shop Skills</td>
</tr>
<tr>
<td>Weld 31</td>
<td>Basic Welding</td>
</tr>
</tbody>
</table>

### BANKING - CREDIT ADMINISTRATION

#### Twenty-three units for the major

<table>
<thead>
<tr>
<th>Required courses for the major</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bus 1A</td>
</tr>
<tr>
<td>Bus 1B</td>
</tr>
<tr>
<td>Bus 3</td>
</tr>
<tr>
<td>Bus 6</td>
</tr>
<tr>
<td>Bus/HR 7</td>
</tr>
<tr>
<td>Bus 40HT 2 OR</td>
</tr>
<tr>
<td>Bus 41 OR</td>
</tr>
<tr>
<td>Bus 42</td>
</tr>
</tbody>
</table>

#### Acceptable courses for the major (6 units from the following courses)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sp 1</td>
<td>Oral Communication</td>
</tr>
<tr>
<td>Bus/HR 7</td>
<td>Human Relations in Mgmt</td>
</tr>
<tr>
<td>Bus 23</td>
<td>Office Machines</td>
</tr>
<tr>
<td>Bus 39</td>
<td>Office Procedures</td>
</tr>
<tr>
<td>CIS 1</td>
<td>Intro to Information Systems</td>
</tr>
</tbody>
</table>

*Minimum skill level of 60 wpm required to qualify for major.

**Minimum skill level of 90 wpm required to qualify for major. If attained in Bus 31A, student is excused from Bus 31B & 31C.*
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>G 65</td>
<td>INTEGRATED PEST MGMT.</td>
<td>3</td>
</tr>
<tr>
<td>B 73</td>
<td>AUTO BODY CUSTOM REFINISHING &amp; SHOP MGMT</td>
<td>3</td>
</tr>
<tr>
<td>BUS 23</td>
<td>MACHINE CALCULATION</td>
<td>3</td>
</tr>
<tr>
<td>BUS 39</td>
<td>OFFICE PROCEDURES</td>
<td>3</td>
</tr>
<tr>
<td>ETS 22</td>
<td>MICROCOMPUTER ACCOUNTING</td>
<td>3</td>
</tr>
<tr>
<td>L 50A</td>
<td>MATH FOR STUDENTS W/LEARNING DIFFERENCES</td>
<td>3</td>
</tr>
<tr>
<td>L 50B</td>
<td>&quot;</td>
<td>3</td>
</tr>
<tr>
<td>L 50C</td>
<td>&quot;</td>
<td>3</td>
</tr>
<tr>
<td>L 50D</td>
<td>&quot;</td>
<td>3</td>
</tr>
<tr>
<td>ECE 31A</td>
<td>HEALTH, SAFETY &amp; NUTRITION FOR TEACHERS OF YOUNG CHILDREN</td>
<td>2</td>
</tr>
<tr>
<td>ECE 31B</td>
<td>FIRST AID &amp; CPR FOR TEACHERS OF YOUNG CHILDREN</td>
<td>1</td>
</tr>
<tr>
<td>ECE 31C</td>
<td>CHANGED TO ECE 31B</td>
<td></td>
</tr>
<tr>
<td>ECON 1</td>
<td>PRINCIPLES OF ECONOMICS</td>
<td>3</td>
</tr>
<tr>
<td>EMT 1</td>
<td>EMT 1</td>
<td>6.5</td>
</tr>
<tr>
<td>EMT 1D</td>
<td>EMT 1-DEFIBRILLATION</td>
<td>.5</td>
</tr>
<tr>
<td>EMT 1R</td>
<td>EMT 1-REFRESHER</td>
<td>2</td>
</tr>
<tr>
<td>EMT 1/FS</td>
<td>DELETED</td>
<td></td>
</tr>
<tr>
<td>EMT 1/FSR</td>
<td>DELETED</td>
<td></td>
</tr>
<tr>
<td>MGR 5</td>
<td>DELETED</td>
<td></td>
</tr>
<tr>
<td>MGR 11</td>
<td>DELETED</td>
<td></td>
</tr>
<tr>
<td>MGR 15</td>
<td>DELETED</td>
<td></td>
</tr>
<tr>
<td>MGR 16</td>
<td>DELETED</td>
<td></td>
</tr>
<tr>
<td>MGR 19</td>
<td>DELETED</td>
<td></td>
</tr>
<tr>
<td>NGR 64</td>
<td>LIBRARY RESOURCES &amp; RESEARCH PAPER</td>
<td>1</td>
</tr>
<tr>
<td>PRE SCI 60</td>
<td>INTRO TO FIRE SCIENCE</td>
<td>3</td>
</tr>
<tr>
<td>PRE SCI 61</td>
<td>FUNDAMENTALS OF FIRE PREVENTION</td>
<td>3</td>
</tr>
<tr>
<td>PRE SCI 62</td>
<td>FIRE PROTECTION EQUIPMENT &amp; SYSTEMS</td>
<td>3</td>
</tr>
<tr>
<td>PRE SCI 63</td>
<td>FUNDAMENTALS OF FIRE PROTECTION CHEM</td>
<td>3</td>
</tr>
<tr>
<td>PRE SCI 64</td>
<td>FUNDAMENTALS OF FIRE SERVICE OPERATIONS</td>
<td>3</td>
</tr>
<tr>
<td>PRE SCI 65</td>
<td>HAZARDOUS MATERIALS</td>
<td>3</td>
</tr>
<tr>
<td>Course</td>
<td>Description</td>
<td>Units</td>
</tr>
<tr>
<td>------------------------</td>
<td>----------------------------------------</td>
<td>-------</td>
</tr>
<tr>
<td>A 15</td>
<td>HEALTH ASSISTANT</td>
<td>5</td>
</tr>
<tr>
<td>COMPARATIVE HISTORY OF THE AMERICAS</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>COMPARATIVE HISTORY OF THE AMERICAS</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>S 2C (V)</td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>S 3C (V)</td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>CSE 13AB</td>
<td>ADVANCED TENNIS, COED</td>
<td>1</td>
</tr>
<tr>
<td>PHYS SCI 25</td>
<td></td>
<td></td>
</tr>
<tr>
<td>P3/CHM 2A</td>
<td>POWER PLANT CHEMISTRY</td>
<td>4</td>
</tr>
<tr>
<td>SYCH 21</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SYCH 26</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Addendum to
GENERAL CATALOG
1993-95
IMPERIAL VALLEY COLLEGE
Addendum to 1993-95 General Catalog

This document contains updated information about courses, programs, personnel and services at Imperial Valley College. Items contained herein supersede similar information in the 1993-95 General Catalog.
TABLE OF CONTENTS

College Calendar .......................................................... iii
Board of Trustees .......................................................... iv
Administration .............................................................. iv
Division Chairpersons ...................................................... v
Directors ........................................................................ v
Faculty ............................................................................ vi-x
Emeritus Faculty .............................................................. xi

Changes in the Imperial Valley College 1993-95 General Catalog

I. Graduation Requirements ............................................. 1
II. Transfer Requirements ................................................ 1
III. Courses of Instruction ................................................ 1
IV. Majors ...................................................................... 8
V. Certificates .................................................................. 10

Imperial Valley College does not discriminate in the admission of students nor in the offering of programs and activities because of race, color, religion, age, marital status, national origin, sex or handicap. Necessary references on the discrimination policy should be made to the office of the Affirmative Action Officer, Personnel Office. Telephone: 352-8320, ext. 208/210

The coordinator for Imperial Valley College’s compliance with Section 504 of the Rehabilitation Act of 1973 is Melvin Wendrick, P.O. Box 158, Imperial, CA 92251, (619) 352-8320, Ext. 312, TTY (619) 355-4174. The Title IX officer for IVC is Jan Magno, P.O. Box 158, Imperial, CA 92251, (619) 352-8320, Ext. 257.
<table>
<thead>
<tr>
<th>Month</th>
<th>Date</th>
<th>Day</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>August</td>
<td>15</td>
<td>Monday</td>
<td>Faculty Service Day (Orientation)</td>
</tr>
<tr>
<td></td>
<td>16</td>
<td>Tuesday</td>
<td>Fall Semester Classes Begin</td>
</tr>
<tr>
<td>September</td>
<td>5</td>
<td>Monday</td>
<td>Holiday (Labor Day)</td>
</tr>
<tr>
<td>November</td>
<td>11</td>
<td>Friday</td>
<td>Holiday (Veteran's Day)</td>
</tr>
<tr>
<td></td>
<td>24</td>
<td>Thursday</td>
<td>Recess (Thanksgiving)</td>
</tr>
<tr>
<td></td>
<td>25</td>
<td>Friday</td>
<td>Recess (Thanksgiving)</td>
</tr>
<tr>
<td>December</td>
<td>12</td>
<td>Monday</td>
<td>Final Exams Begin</td>
</tr>
<tr>
<td></td>
<td>16</td>
<td>Friday</td>
<td>Last Day of Final Exams</td>
</tr>
<tr>
<td></td>
<td>19</td>
<td>Monday</td>
<td>Recess (Christmas)</td>
</tr>
<tr>
<td>January</td>
<td>2</td>
<td>Monday</td>
<td>Last Day of Recess (Christmas)</td>
</tr>
<tr>
<td></td>
<td>3-6</td>
<td>Monday-Friday</td>
<td>Instructional Flex Days</td>
</tr>
<tr>
<td></td>
<td>9</td>
<td>Monday</td>
<td>Spring Semester Classes Begin</td>
</tr>
<tr>
<td></td>
<td>16</td>
<td>Monday</td>
<td>Holiday (King’s Birthday)</td>
</tr>
<tr>
<td>February</td>
<td>10</td>
<td>Friday</td>
<td>Holiday (Lincoln’s Birthday)</td>
</tr>
<tr>
<td></td>
<td>20</td>
<td>Monday</td>
<td>Holiday (Washington’s Birthday)</td>
</tr>
<tr>
<td>April</td>
<td>13</td>
<td>Thursday</td>
<td>Instructional Flex Day</td>
</tr>
<tr>
<td></td>
<td>14</td>
<td>Friday</td>
<td>Holiday (Good Friday)</td>
</tr>
<tr>
<td></td>
<td>17</td>
<td>Monday</td>
<td>Recess (Spring)</td>
</tr>
<tr>
<td></td>
<td>21</td>
<td>Friday</td>
<td>Last Day of Recess (Spring)</td>
</tr>
<tr>
<td>May</td>
<td>15</td>
<td>Monday</td>
<td>Final Exams Begin</td>
</tr>
<tr>
<td></td>
<td>19</td>
<td>Friday</td>
<td>Last Day of Final Exams</td>
</tr>
<tr>
<td></td>
<td>20</td>
<td>Saturday</td>
<td>Graduation (Faculty Service Day)</td>
</tr>
</tbody>
</table>
THE BOARD OF TRUSTEES
IMPERIAL COMMUNITY COLLEGE DISTRICT

MR. RUDY CARDENAS, JR.
Trustee from area which includes Brawley Union High School District

MR. MILTON W. CARR
Trustee from area which includes Calipatria Unified School District

MRS. CLAUDINE DUFF
Trustee from area which includes Central Union High School District

MR. KELLY KEITHLY
Trustee from area which includes Holtville Unified School District

MRS. MARIAN A. LONG
Trustee from area which includes Imperial Unified School District

MR. ROBERT NOBLE
Trustee from area which includes Calexico Unified School District

MS. JEANETTE TESO
Trustee from area which includes San Pasqual Unified School District

ADMINISTRATION

DR. JOHN A. DePAOLI, JR.
Superintendent/President

DR. JAMES D. WALKER
Vice President for Academic Services/
Deputy Superintendent

DR. HECTOR LOPEZ
Vice President for Counseling & Student Services

MR. WILLIAM SECHRIST
Vice President for Business Services

MRS. BARBARA MACCI
Dean of Vocational-Technical Education

MR. RUBEN LOPEZ
Dean of External Campus

MRS. SANDRA STANDIFORD
Dean of Admissions and Student Activities

MS. EILEEN SHACKELFORD
Dean of Learning Services

MR. VICTOR JAIME
Director of Financial Assistance and State Programs

DR. BETTY MARKS
Director of Nursing Education and Health Technologies

MR. MEL WENDRICK
Director of Disabled Student Programs and Services
DIVISION CHAIRPERSONS

MR. JOSE LOPEZ
Chairperson of Division of Agriculture & Automotive Technology

MRS. MARY KAY BORCHARD
Chairperson of Division of Behavioral Science

MRS. VALERIE RODGERS
Chairperson of Division of Business

DR. FRED FISCHER
Chairperson of Division of English

MR. JEFFREY DEYO
Chairperson of Division of Health, Physical Education and Recreation

MR. DEAN LEPTICH
Chairperson of Division of Humanities

DR. BETTY MARKS
Chairperson of Division of Nursing Education and Health Technologies

MR. JIMMY PENDLEY
Chairperson of Division of Science, Mathematics and Engineering

MR. RICHARD HANN
Chairperson of Division of Social Science

DIRECTOR

DR. JON TYLER
Director of Personnel Services/Affirmative Action Officer
THE FACULTY

ANGELO, GAYLE-JEAN
Assistant Professor, Mathematics
B.A., M.Ed., Northeastern University
M.S., Columbia University

ARAGON, RAUL
Professor, Counseling
B.A., M.S., San Diego State University

ARCHULETA, JOE A.
Professor, Mathematics, Engineering, Physics
B.S., University of Colorado
M.A., San Diego State University

ARTECHI, OLGA
Professor, Counseling
B.A., M.S., San Diego State University

BEOPE, FRANCES A.
Professor, Counseling
B.A., M.S., San Diego State University

BILEY, PATTI
Instructor, English
B.A., M.A., Southern Illinois University

BILLINGS, LANELLE
Professor, Business
B.B.A., University of Texas
M.Ed., Southwest Texas State University

BILLINGS, ROBERT
Professor, Physical Education
B.S., University of Texas
M.Ed., Southwest Texas State University

BORCHARD, MARY KAY
Associate Professor, Administration of Justice
Chairperson of Division of Behavioral Science
B.A., San Diego State University
M.S., National University

CAPET, MITJIL
Assistant Professor, Art
B.A., Ed.D., University of California, Los Angeles
MFA, Catholic Univ. of America, Washington, D.C.

CARLSON, CHARLOTTE MARYLYNN
Associate Professor, Nursing
B.S.N., University of Connecticut

CERDA, DANIEL
Professor, English
B.A., San Diego State University
M.A., Northern Arizona University

CERDA, ERNESTINE
Professor, English
B.A., San Diego State University
M.A., Northern Arizona University

CHAPPELL, JANE
Assistant Professor, Business
A.B., University of Redlands
M.A., San Diego State University

CONGLETON, PAULA
Instructor, Physical Education
B.S., M.S., University of New Mexico

CRANLEY, RUTH A.
Professor, Counseling
B.S., California State University, Fullerton
M.Ed., University of San Diego

DePAOLI, JOHN A.
Superintendent/President
B.A., M.A., University of California, Los Angeles
Ph.D., United States International University

DEYO, JEFF
Professor, Physical Education
Chairperson of Division of Health, Physical Education & Recreation
B.A., Mount Marty College
M.S., West Virginia University

DIAZ, DOLORES
Instructor, Counseling
B.A., San Diego State University
M.Ed., University of San Diego

DRURY, DAVE
Assistant Professor, Physical Education
B.S., University of La Verne
M.S., Brigham Young University

ESQUEDA, JESUS
Instructor, Counseling
B.A., M.A., San Diego State University
FISCHER, FRED
Associate Professor, English
Chairperson of Division of English
B.A., California State University, Chico
M.A., San Francisco State University
M.A., Ed.D., Northern Arizona University

FITZSIMMONS, RICHARD
Instructor, Nursing
B.S.N., M.S., Madonna University

GARCIA, RAQUEL
Assistant Professor, DSP&S
B.A., San Diego State University
M.A., United States International University

GRANADOS, ESTHER
Instructor, Business
A.A., Imperial Valley College

GREVATT, JAMES
Professor, Psychology, Counseling
B.A., San Diego State University
M.A., La Verne College

GUZMAN, CESAR
Professor, Counseling
B.A., Adams State College
M.S., La Verne College

HANN, CAROL
Professor, English
B.A., California Lutheran College
M.A., University of Denver

HANN, RICHARD K.
Professor, Philosophy
Chairperson of Division of Social Science
A.B., California State University, Chico
M.A., San Francisco State University

HANSSINK, TODD
Instructor, Business
B.S., M.P.A., Brigham Young University

HILLHOUSE, ROSANNE R.
Professor, English
B.A., M.A., University of Oxford

HORTON, SIDNE
Instructor, Physical Education
B.A., California State University, Long Beach
M.A., California State University, Sacramento
M.S., Calif. State Polytechnic University, Pomona

Hughes, Merrlyn
Assistant Professor, Nursing
B.S.N., California State University

Jacklich, Joel
Assistant Professor, Music
B.Mus., Western Michigan University
M.F.A., United States International University

Jacobson, Eric
Instructor, History
B.A., M.P.A., California State University, Hayward

Jaime, Victor
Director of Financial Assistance and State Programs
B.A., University of California, Irvine
M.S., San Diego State University
E.D.S., Point Loma Nazarene College

Jerge, Michael J.
Professor, Business, Economics
B.A., M.B.A., University of Arizona

Jones, Shirley
Associate Professor, Counseling
B.A., San Diego State University
M.A., La Verne College

Kalix, Janeen
Assistant Professor, Counseling
B.A., M.A., California State Polytechnic University, San Luis Obispo

Kelsoe, Leon
Professor, History, Physical Education
B.A., M.Ed., Whittier College

Knowlton, Roger
Professor, Mathematics
B.S., Idaho State University
M.S., Clarkson College of Technology

Leptich, Dean A.
Professor, Speech
Chairperson of Division of Humanities
B.A., M.A., San Diego State University
LOPEZ, HECTOR  
Vice President for Counseling & Student Services  
B.A., M.A., Ed.D., Northern Arizona University  
Ed.D., University of New Mexico

LOPEZ, JOSE  
Professor, Automotive Technology  
Chairperson of Division of Agriculture & Automotive Technology  
Cert. Auto Tech., Los Angeles Trade Tech.

LOPEZ, ROSALIE  
Professor, Counseling  
B.A., San Diego State University  
M.Ed., University of New Mexico

LOPEZ, RUBEN O.  
Dean of External Campus  
B.A., M.A., Adams State College  
Ed.D., University of New Mexico

LOPEZ, SERGIO  
Professor, Student Life Advisor  
B.A., San Diego State University  
M.Ed., University of San Diego

LUOMA, CRAIG  
Associate Professor, Nursing  
B.S.N., Pacific Lutheran University

MACCI, BARBARA  
Dean of Vocational-Technical Education  
B.A., San Diego State University  
M.Ed., University of San Diego  
Ed.D., Northern Arizona University

MAGNO, JANIS  
Associate Professor, Counseling  
A.B., M.S., San Diego State University

MARCUSON, BRUCE  
Instructor, Administration of Justice  
B.A., San Diego State University

MARKS, BETTY  
Dir. of Nursing Education & Health Technologies  
R.N., L.D.S. School of Nursing, Idaho Falls, Idaho  
Ed.D., United States International University

MARQUEZ, RALPH  
Assistant Professor, Counseling  
B.A., University of California, San Diego  
M.Ed., University of San Diego

McCORMICK, JOHN M.  
Professor, English  
B.A., California State University, Long Beach  
M.A., Northern Arizona University

McMULLIN, LINDA A.  
Associate Professor, English  
B.A., Lewis and Clark College  
M.A., University of Arizona

McNEECE, P. BRIAN  
Assistant Professor, English  
B.A., University of California, San Diego  
M.A., San Diego State University

MEEK, ALFRED  
Professor, Nursing  
B.S., Calif. State Poly. College, San Luis Obispo  
B.S., M.S., Fresno State College

MONTENEGRO, JEAN  
Professor, English, Physical Education  
B.S., University of Kentucky  
M.A., Northern Arizona University  
M.A., Azusa Pacific University

MORRIS, TERRY  
Professor, Psychology  
B.S., M.S., Indiana University

NADEAU, NANCY  
Professor, English  
B.A., Florida State University  
M.A., University of California, Los Angeles

NAVA-PINUELAS, NORMA  
Associate Professor, DSP&S  
B.S., San Jose State University  
M.S., San Diego State University

NUNEZ, NORMA  
Assistant Professor, Counseling  
A.B., M.S., San Diego State University

ORENSZTEIN, ARMAND  
Professor, Mathematics  
B.S., M.S., University of Illinois  
M.A., University of California, Riverside

ORFANOS, STELLA  
Instructor, Counseling  
B.A., University of California, Riverside  
M.A., Point Loma Nazarene College
ORTEGA, ALICIA Q.
Professor, Spanish/French
B.A., M.A., San Diego State University

PENDLEY, J. R.
Professor, Science
Chairperson of Div. of Science, Math, Engineering
B.S., M.S., San Diego State University

PHALEN, SUSAN
Instructor, EMT Coordinator
R.N., A.S., Imperial Valley College

POLLOCK, DIEDRE
Associate Professor, Nursing
B.S.N., Consort. of Calif. State Univ. & Colleges

PONCE, GREGORIO
Assistant Professor, Mathematics
B.A., M.A., University of California, San Diego

RAPP, FRANK
Assistant Professor, English
B.A., M.A., San Diego State University

RICHWINE, HAROLD J., JR.
Professor, Science
B.S., Shippenburg State College
M.S., Bucknell University

RODGERS, GARY R.
Professor, Administration of Justice
A.B., San Diego State University
M.S., National University

RODGERS, VALERIE
Assistant Professor, Business
Chairperson of Division of Business
B.S., San Diego State University
M.A., Webster University

ROMERO, YOLANDA
Assistant Professor, Counseling
A.B., San Diego State University
M.A., United States International University

SANTOS, RAFAEL
Professor, Business
B.S., Arizona State University
M.Ed., University of Arizona

SCHNEEWIND, V. JEAN
Professor, Nursing
R.N., A.S., Imperial Valley College
B.A., M.A., San Diego State University
B.S.N., Consort. of Calif. State Univ. & Colleges

SECHRIST, WILLIAM
Vice President for Business Services
B.S., University of Southern California
M.Ed., University of San Diego

SMITH, MARY MARGARET
Professor, English
B.A., University of Northern Colorado
M.A., San Diego State University

SMITH, MELVIN
Instructor, DSP&S
A.B., San Diego State University

STANDIFORD, SANDRA
Dean of Admissions and Student Activities
B.A., University of Missouri
M.S., California State University, Los Angeles

STUART, BARBARA
Instructor, English
B.A., M.A., San Diego State University
Juris Doctor, Western State University, College of Law

SUCZEK, PETER
Professor, Psychology, Sociology
B.A., San Jose State University
M.A., University of California, Santa Barbara

TAYLOR, GLORIA
Assistant Professor, Master Preschool Teacher
B.S., San Diego State University

THOMPSON, BLAINE R.
Professor, Business
B.S., M.S., University of Utah

VALENTINE, BARBARA H.
Professor, Early Childhood Education
B.A., Arizona State University
M.A., Northern Arizona University

VALENTINE, MARTIN
Professor, English
B.A., Arizona State University
M.Ed., University of Arizona

WALKER, JAMES D.
Vice President for Academic Services/
Deputy Superintendent
B.S., Minot State College
M.S., North Dakota State University
Ph.D., United States International University
WENDELL, JOSEFINA
Assistant Professor, English
B.A., San Diego State University
M.A., Northern Arizona University

WENDRICK, MARY
Instructor, English
B.A., Marywood College
M.S., Indiana State University

WENDRICK, MEL
Director of Disabled Student Programs & Services
B.A., Sacred Heart Seminary
M.A., University of Michigan
M.Div., Saint John’s Provincial Seminary

WHITE, RAY A.
Professor, Automotive Technology
A.B., California State University, Fresno
M.A.V.E., Consort. of Calif. State Univ. & Colleges

WILHELM, ROBERT L.
Professor, Geography, Political Science
B.S., M.A., Ph.D., St. Louis University

WILLIAMS, RICHARD H.
Professor, Psychology, English
B.S., University of Wyoming
M.A., San Jose State University
Ph.D., California Institute of Asian Studies

ZIELINSKI, DAVID
Instructor, English
A.B., M.A., San Diego State University
EMERITUS FACULTY

<table>
<thead>
<tr>
<th>Name</th>
<th>Department</th>
<th>Years</th>
<th>Name</th>
<th>Department</th>
<th>Years</th>
</tr>
</thead>
<tbody>
<tr>
<td>LEONARD, THOMAS</td>
<td>Psychology</td>
<td>1964-72</td>
<td>KOSKI, RAOHA K.</td>
<td>Nursing</td>
<td>1974-81</td>
</tr>
<tr>
<td>NOVAK, RUTH</td>
<td>Dean of Counseling</td>
<td>1958-72</td>
<td>OVERMAN, RUTH</td>
<td>Business</td>
<td>1965-81</td>
</tr>
<tr>
<td>HINSHAW, JOHN</td>
<td>Mathematics</td>
<td>1942-73</td>
<td>SAMUELS, CARMEN</td>
<td>Nursing</td>
<td>1971-81</td>
</tr>
<tr>
<td>UPSON, JOHN</td>
<td>English</td>
<td>1966-77</td>
<td>SAMSON, WALTER</td>
<td>History</td>
<td>1963-82</td>
</tr>
<tr>
<td>GARTIN, HERBERT</td>
<td>Psychology</td>
<td>1966-78</td>
<td>ANDERSON, LESLIE</td>
<td>Law Enforcement</td>
<td>1967-83</td>
</tr>
<tr>
<td>SPENCER, TERREL</td>
<td>Superintendent/President</td>
<td>1963-78</td>
<td>LANFORD, CONWAY</td>
<td>Counseling</td>
<td>1970-84</td>
</tr>
<tr>
<td>BARKER, MICHAEL</td>
<td>Anthropology</td>
<td>1968-79</td>
<td>LARSSON, HAROLD</td>
<td>Astronomy</td>
<td>1966-84</td>
</tr>
<tr>
<td>WHITE, HOWARD</td>
<td>Law Enforcement</td>
<td>1969-79</td>
<td>TOPPER, IRENE</td>
<td>Nursing</td>
<td>1976-84</td>
</tr>
<tr>
<td>SWANN, MARIE</td>
<td>English</td>
<td>1964-80</td>
<td>BACON, JEANNE</td>
<td>Physically Limited</td>
<td>1973-85</td>
</tr>
<tr>
<td>WEISSMAN, HARRY</td>
<td>English</td>
<td>1969-80</td>
<td>BRUNGARDT, MARTHA</td>
<td>Nursing</td>
<td>1972-85</td>
</tr>
<tr>
<td>BARKALOW, N.C.</td>
<td>Law Enforcement</td>
<td>1974-81</td>
<td>DUFF, JACK</td>
<td>Counseling</td>
<td>1981-85</td>
</tr>
<tr>
<td>FINLEY, LUTHER</td>
<td>Engineering</td>
<td>1960-81</td>
<td>RODDEN, ROSE</td>
<td>Health Education</td>
<td>1974-86</td>
</tr>
<tr>
<td>FINNEY, DEE</td>
<td>Physical Education</td>
<td>1967-81</td>
<td>STEARNS, HAROLD</td>
<td>Speech</td>
<td>1973-86</td>
</tr>
<tr>
<td>GENTRY, GLENN A.</td>
<td>Work Experience</td>
<td>1967-81</td>
<td>STONE, JAMES</td>
<td>Mathematics/Music</td>
<td>1966-86</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AKERS, H. RUSSELL</td>
<td>Physically Limited</td>
<td>1973-87</td>
<td>BANKS, STANLEY</td>
<td>Sociology</td>
<td>1966-87</td>
</tr>
<tr>
<td>WILSON, PATRICIA</td>
<td>English</td>
<td>1970-91</td>
<td>SPEER, WILLIAM</td>
<td>English</td>
<td>1961-87</td>
</tr>
<tr>
<td>FARRAR, LLOYD</td>
<td>History</td>
<td>1968-92</td>
<td>BERNARD, WILLIS C.</td>
<td>Art</td>
<td>1969-88</td>
</tr>
<tr>
<td>ALBERDA, STANLEY</td>
<td>Dean of Learning Services</td>
<td>1969-93</td>
<td>RICE, PAULINE BENOIT</td>
<td>Foreign Lang/ Humanities</td>
<td>1963-88</td>
</tr>
<tr>
<td>GERARD, ROBERT</td>
<td>Coed., Special Populations</td>
<td>1988-93</td>
<td>CHAMPAGNE, PHILIP</td>
<td>Welding</td>
<td>1971-89</td>
</tr>
<tr>
<td>RUDOLPH, WILLIAM</td>
<td>Dean of Voc Education</td>
<td>1964-93</td>
<td>FUESLER, JACK</td>
<td>Music</td>
<td>1964-89</td>
</tr>
<tr>
<td>FARRIER, PAUL</td>
<td>History</td>
<td>1970-94</td>
<td>MELLINGER, ELWOOD</td>
<td>Agriculture</td>
<td>1961-89</td>
</tr>
<tr>
<td>GALAMGAM, ADELE</td>
<td>Assistant Librarian</td>
<td>1965-94</td>
<td>Saxe, Ellen</td>
<td>Nursing</td>
<td>1981-90</td>
</tr>
<tr>
<td>HEBERT, ROGER</td>
<td>Physical Education</td>
<td>1968-94</td>
<td>Perske, Gerald</td>
<td>Science</td>
<td>1960-94</td>
</tr>
<tr>
<td>Raulston, Jean</td>
<td>English</td>
<td>1977-94</td>
<td>Thornburg, William</td>
<td>VP for Business Services</td>
<td>1967-90</td>
</tr>
<tr>
<td>Von Werlhof, Jay</td>
<td>Anthro./Social Science</td>
<td>1973-91</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
CHANGES IN THE 1993-95 GENERAL CATALOG

The items listed below are revisions related to general information about graduation requirements and transfer requirements.

I. GRADUATION REQUIREMENTS

General Education (Page 29) - Section revised

GENERAL EDUCATION

Add the following title to Section b. Behavioral & Social Science:

Hist 50A Early World History
Hist 50B Modern World History

Add the following title to Section c. Humanities:

JPN 1A Elementary Japanese
JPN 1B Elementary Japanese
Mus 7 Introduction to Music Foundations
Mus 27AD Concert Band
Mus 28AD College-Community Chorus
Mus 29AD Estudiantina
Mus 33AD Symphony Orchestra
Mus 64AD College-Community Band

II. TRANSFER REQUIREMENTS

Add the following to Section C. Arts, Literature, Philosophy, and Foreign Language (Humanities Category) (Page 31)

JPN 1A (3)
JPN 1B (3)

Add the following to Section D. Social, Political, and Economic Institutions (Page 31)

Hist 45A (3)
Hist 45B (3)

III. COURSES OF INSTRUCTION

The following changes include course additions, deletions and revisions (Pages 46 - 107)

AGRICULTURE

(Revision of title, course description, transfer status)

AG 65 (3)

INTEGRATED PEST MANAGEMENT

3 Hrs. Lec.
Identification of pests (arthropods, rodents, and plant diseases) and beneficial (arthropods and diseases) in the crop ecosystem. Methods of reducing damage to acceptable levels with biological, chemical and cultural controls. Laws and safety requirements for using spray equipment and pesticides in California. (CSU)
ART

(New Course)
ART 51 (1)
DESKTOP PUBLISHING: ALDUS PAGEMAKER
1 Hr. Lec.
(Same as CIS 45A) (CSU)

AUTOMOTIVE BODY AND PAINT

(Revision of units, lec hours, lab hours, prerequisite, course description)
AUTO BODY 73 (3)
AUTO BODY CUSTOM REFINISHING AND SHOP MANAGEMENT
1 Hr. Lec. 4 Hrs. Lab.
Prerequisite: Successful completion of at least 5 units in Auto Body, permission of the instructor or basic Auto Body experience. Auto Body custom refinishing and shop management techniques for advanced students who wish to refine technical skills prior to obtaining employment in the Auto Body industry. (CSU)

BIOLOGY

(Revision of course description)
BIO 3 (4)
PRINCIPLES OF BIOLOGICAL SCIENCE
3 Hrs. Lec. 3 Hrs. Lab.
Not open to student with credit in Zoology or Botany. A consideration of basic biological phenomena. Designed for those students who intend to take only one semester of general biological science. (CSU) (UC credit limited. See a counselor.)

BUSINESS

(Revision of lec hours)
BUS 41 (3)
ESSENTIALS IN BUSINESS CORRESPONDENCE
3 Hrs. Lec.

COMPUTER INFORMATION SYSTEMS

(Revision of prerequisite)
CIS 22 (3)
MICROCOMPUTER OPERATIONS: BOOKKEEPING AND ACCOUNTING
2 Hrs. Lec. 2 Hrs. Lab.
Prerequisite: Bus 1A, Bus 10, or permission of instructor. CIS 1 is strongly recommended as an introduction class.

(C CIS 45A (1)
DESKTOP PUBLISHING: ALDUS PAGEMAKER
1 Hr. Lec.
Prerequisite: Knowledge of word processing applications or consent of instructor is strongly recommended. The course is designed to teach students to use desktop publishing equipment and software to include the microcomputer, the laser printer, and scanning equipment. This is a beginning course and will focus on the integration of text and graphics using design and electronic page assembly with a microcomputer-based system to produce professional quality documents. Such documents may include newsletters, brochures, forms, flyers, reports, schedules, advertisements, magazines, books, newspapers, letters, memos, and other correspondence. (Same as ART 51) (CSU)
DISABLED STUDENT PROGRAMS AND SERVICES

(Revision of course number, title, prerequisite, course description)
PL 50A (3)
MATH FOR STUDENTS WITH LEARNING DIFFERENCES
3 Hrs. Lec.
This course will teach adults with Learning Differences to understand the number system used in the United States and to solve problems involving addition and subtraction of whole numbers. Emphasis will be placed on reading and writing whole numbers of all amounts, writing words for whole numbers, demonstrating an understanding of place value, and using addition and subtraction of whole numbers to solve simple, everyday-type problems. (Nontransferable, nondegree applicable)

(Revision of course number, title, prerequisite, course description)
PL 50B (3)
MATH FOR STUDENTS WITH LEARNING DIFFERENCES
3 Hrs. Lec.
Prerequisite: Completion of PL 50A with a grade of "C" or better or the equivalent is strongly recommended. This course will teach adults with Learning Differences to solve problems involving multiplication of whole numbers and division of whole numbers. (Nontransferable, nondegree applicable)

(Revision of course number, title, prerequisite, course description)
PL 50C (3)
MATH FOR STUDENTS WITH LEARNING DIFFERENCES
3 Hrs. Lec.
Prerequisite: Completion of PL 50A and PL 50B with a grade of "C" or better or the equivalent is strongly recommended. This course will teach adults with Learning Differences to solve problems involving addition, subtraction, multiplication, and division of fractions. (Nontransferable, nondegree applicable)

(Revision of course number, title, prerequisite, course description)
PL 50D (3)
MATH FOR STUDENTS WITH LEARNING DIFFERENCES
3 Hrs. Lec.
Prerequisite: Completion of PL 50A, PL 50B and PL 50C with a grade of "C" or better or the equivalent is strongly recommended. This course will teach adults with Learning Differences to solve problems involving decimals and percents. (Nontransferable, nondegree applicable)

EARLY CHILDHOOD EDUCATION

(Revision of transfer status)
ENG 4A (4)
ADVANCED GRAMMAR AND COMPOSITION FOR BILINGUALS
4 Hrs. Lec. 1 Hr. Lab.
(Nontransferable, nondegree applicable)

(Revision of transfer status)
ENG 4B (4)
THE WRITING PROCESS FOR BILINGUALS
3 Hrs. Lec.
(Nontransferable, nondegree applicable)
(Revision of transfer status)
ENG 5 (4)
INTERMEDIATE GRAMMAR AND COMPOSITION FOR ESL
4 Hrs. Lec. 1 Hr. Lab.
(Nontransferable, nondegree applicable)

(Revision of transfer status)
ENG 5A (2)
INTERMEDIATE GRAMMAR AND COMPOSITION FOR ESL
2 Hrs. Lec. 1/2 Hr. Lab.
(Nontransferable, nondegree applicable)

(Revision of transfer status)
ENG 5B (2)
INTERMEDIATE GRAMMAR AND COMPOSITION FOR ESL
2 Hrs. Lec. 1/2 Hr. Lab.
(Nontransferable, nondegree applicable)

(Revision of prerequisite)
ENG 11 (3.5)
READING IV: ANALYTICAL AND CRITICAL READING
3 Hrs. Lec. *1 Hr. Lab.
Prerequisite: Successful completion of Eng. 12B or appropriate score as indicated by the reading test. Successful completion of Eng. 1A is strongly recommended.

FIRE SCIENCE

(Revision of title, course description)
FIRE SCI 60 (3)
INTRODUCTION TO FIRE SCIENCE
3 Hrs. Lec.
Provide an introduction to fire protection; career opportunities in fire protection and related fields; philosophy and history of fire protection; fire loss analysis; organization and function of public and private fire protection services; fire departments as a part of local government; laws and regulations affecting the fire service; fire service nomenclature; specific fire protection functions; basic fire chemistry and physics; introduction to fire protection systems; introduction to fire strategy and tactics. (CSU)

(Revision of prerequisite, corequisite, course description)
FIRE SCI 61 (3)
FUNDAMENTALS OF FIRE PREVENTION
3 Hrs. Lec.
Prerequisite: Fire Sci 60 or approval of instructor is strongly recommended. Corequisite: Concurrent enrollment in Fire Sci 60 is permitted. Provides fundamental information regarding the history and philosophy of fire prevention, organization and operation of a fire prevention bureau, use of fire codes, identification and correction of fire hazards, and the relationship of fire prevention with fire safety education and detection and suppression systems. (CSU)

(Revision of prerequisite, corequisite, course description)
FIRE SCI 62 (3)
FIRE PROTECTION EQUIPMENT AND SYSTEMS
3 Hrs. Lec.
Prerequisite: Fire Sci 60 or approval of instructor is strongly recommended. Corequisite: Concurrent enrollment in Fire Sci 60 is permitted. The course provides basic design and operation features of fire detection and alarm systems, heat and smoke detection and control systems, special fire protection systems and portable fire extinguishers. Fire sprinkler systems and water supplies are major topics of this course. (CSU)
(New Course)
HIST 45B (3)
COMPARATIVE HISTORY OF THE AMERICAS
3 Hrs. Lec.
Hist 45A and 45B form a comparative history of the western hemisphere from ancient American history to the present, focusing on relationships between Europeans, American Indians, and African-American cultures, institutions, and traditions. Hist 45B compares the nations and cultures of the Americas from independence to the present. (CSU)

(New Course)
HIST 50A (3)
EARLY WORLD HISTORY
3 Hrs. Lec.
Early World History defines and explains the interconnections of the diverse ancient civilizations that grew in Mesopotamia, Egypt, China, India, the classic West Africa, America and Oceana. A cultural overview to early modern times is included. This course meets the general education requirement for IVC and the California State University System. (CSU)

(New Course)
HIST 50B (3)
MODERN WORLD HISTORY
3 Hrs. Lec.
Modern World History deals with the background and development of global society from early modern times to the present. The course emphasizes cultural, social, imperial, and industrial interconnections between western and nonwestern societies. This course meets the general education requirement for IVC and the California State University System. (CSU)

HUMAN RELATIONS

(Correction of cross-reference)
HR 8A (1)
PERSONAL AND CAREER DEVELOPMENT
1 Hr. Lec.
(Same as Psych 8A)

(Correction of cross-reference)
HR 8B (1)
PERSONAL AND CAREER DEVELOPMENT
1 Hr. Lec.
(Same as Psych 8B)

(Correction of cross-reference)
HR 8C (1)
PERSONAL AND CAREER DEVELOPMENT
1 Hr. Lec.
(Same as Psych 8C)

JAPANESE

(New Course)
JPN 1B (3)
ELEMENTARY JAPANESE
3 Hrs. Lec. 1 Hr. Lab.
Prerequisite: JPN 1A. A continuation of JPN 1A stressing the further development of the four basic skills, grammar, pronunciation, and cultural awareness. Students must plan for one additional hour of individual language laboratory by arrangement. (CSU)
JOURNALISM

(Correction of course number)
JRN 10ABC (3)
CAREER JOURNALISM
3 Hrs. Lec. 2 Hrs. Lab.

MATHEMATICS

(Revision of course description)
MATH 10A (3) (CAN MATH 4)
MATHEMATICS FOR ELEMENTARY SCHOOL TEACHERS
3 Hrs. Lec.
Prerequisite: Math A or permission of the instructor. Recommended for students who are working towards a teaching credential in elementary education. Topics discussed are sets and relations, development of the number system from the natural numbers, including whole, rational and real numbers, number theory, ratio and proportion. (CSU)

(Revision of course description)
MATH 10B (3)
MATHEMATICS FOR ELEMENTARY SCHOOL TEACHERS
3 Hrs. Lec.
Prerequisite: Math 10A or permission of the instructor. Recommended for students who are working towards a teaching credential in elementary education. Topics discussed are decimals and percents, geometry, geometric constructions, rotations, translations, measurements and problem solving. (CSU)

NURSING

(Revision of course units, lec hours)
NS 2C (V) (2)
PHARMACOLOGY II
2 Hrs. Lec.

(Revision of course units, lec hours)
NS 3C (V) (1)
PATIENT CARE MANAGEMENT
1 Hr. Lec.

PHYSICAL EDUCATION

(New Course)
PE 8ABCD (1-1-1-1)
WEIGHT TRAINING, WOMEN
2 Hrs. Lab.
A course designed to present the basic fundamentals of weight training such as the weight apparatus, proper lifting techniques and basic knowledge of specific muscle groups. Equips the students with a variety of exercises and conditioning activities which can be used to maintain physical fitness throughout college and adult life. (CSU)

(Revision of course number)
PE 13AB (1-1)
ADVANCED TENNIS, COED
2 Hrs. Lab.
(New Course)
PE 27ABCD (1-1-1-1)
STEP AEROBICS, COED
2 Hrs. Lab.
Step aerobics involves stepping up and down from a 4 to 12 inch bench, while performing various upper body movements to the accompaniment of music. This course is a simple introduction to basic steps, leading to simple patterns of step choreography. Offers cardiovascular conditioning and strength training. (CSU)

IV. MAJOR PROGRAMS

The following changes include Major Program revisions, deletions, and additions (Pages 108 - 124)

(Revised Major)
ADMINISTRATIVE ASSISTANT

Change the number of units required for the major to read as follows:

Twenty-five units and skill levels required for the major

Delete the following from Section I, Required courses:

Bus 31ABC Shorthand Theory & Speedbldg 3-3-3

Revise the shorthand skill level in Section II, as follows:

Shorthand skill level 70 wpm (Take Bus 31ABC, Shorthand Theory & Speedbuilding, or arrange for a test through the Business Division.)

(Revised Major)
AUTOMOTIVE BODY REPAIR AND PAINTING

Change the number of units required for the major to read as follows:

Twenty-eight units required for the major

Change the number of units for the following course in Section I, Required courses:

Auto Body 73 Auto Body Custom Refinishing & Shop Management 3

(Revised Major)
BUSINESS OFFICE TECHNOLOGIES: ADMINISTRATIVE SECRETARY

Change the number of units required for the major to read as follows:

Twenty-seven units and skill level required for the major

Delete the following from Section I, Required courses:

Bus 31ABC Shorthand Theory & Speedbldg 3-3-3

Revise the shorthand skill level in Section II, as follows:

Shorthand skill level 70 wpm (Take Bus 31ABC, Shorthand Theory & Speedbuilding, or arrange for a test through the Business Division.)
EARLY CHILDHOOD EDUCATION

Change the last section as follows:

Early Childhood Education majors are eligible for a Children's Center Permit as described in the degree program which includes 27 units in ECE, 16 units in General Education and completion of graduation requirements for the associate degree. Students must achieve a minimum grade of "C" or better in each of the required courses. Application for the Children's Center Permit can be made through the credentialing office at Imperial County Office of Education through California Teacher Preparation and Licensing, State Department of Education.

FIRE SCIENCE

Change the title for the following courses from Section I, Required courses:

- Fire Sci 60 Introduction to Fire Science 3
- Fire Sci 63 Fundamentals of Fire Protection Chemistry 3
- Fire Sci 65 Hazardous Materials 3

Add Section II, Acceptable courses for the major:

- Math 51 Basic Math, or equivalent 3

NURSING

Change the number of units required for the major to read as follows:

Thirty-six and one-half units required for the major.

Change the units for the following course in the Second Semester Section:

- NS 2C (V) Pharmacology II 2

Change the number of the total units in the Second Semester Section:

Total 16

Change the units for the following course in the Third Semester Section:

- NS 3C (V) Patient Care Management 1

Change the number of the total units in the Third Semester Section:

Total 14
Part-Time Program Sequence
Vocational Nursing

Change the units for the following courses in the Nursing Requirements Section to read as follows:

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>NS 2C (V)</td>
<td>Pharmacology II</td>
<td>2</td>
</tr>
<tr>
<td>NS 3C (V)</td>
<td>Patient Care Management</td>
<td>1</td>
</tr>
</tbody>
</table>

Change the number of the total units in the Nursing Requirement Section: Total 35*

(Revised Major)
SOCIAL SCIENCE

Add the following courses to Section I, Required courses for the major as follows:

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hist 45A</td>
<td>Comparative History of the Americas</td>
<td>3</td>
</tr>
<tr>
<td>Hist 45B</td>
<td>Comparative History of the Americas</td>
<td>3</td>
</tr>
<tr>
<td>Hist 50A</td>
<td>Early World History</td>
<td>3</td>
</tr>
<tr>
<td>Hist 50B</td>
<td>Modern World History</td>
<td>3</td>
</tr>
</tbody>
</table>

V. CERTIFICATE PROGRAMS

The following changes include Certificate Program revisions, deletions and additions (Pages 125 - 132)

(Revised Certificate)
AUTOMOTIVE BODY REPAIR AND PAINTING

Change the number of units required for the certificate to read as follows:

Twenty-eight units required for the certificate

Change the number of units for the following course in Section I, Required courses:

Auto Body 73 Auto Body Custom Refinishing & Shop Management 3

(Revised Certificate)
BUSINESS OFFICE TECHNOLOGIES: ADMINISTRATIVE SECRETARY

Change the number of units required for the certificate to read as follows:

Twenty-seven units and skill level required for the certificate

Delete the following from Section I, Required courses:

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bus 31ABC</td>
<td>Shorthand Theory &amp; Speedbldg</td>
<td>3-3-3</td>
</tr>
</tbody>
</table>

Revise the shorthand skill level in Section II, as follows:

Shorthand skill level 70 wpm (Take Bus 31ABC, Shorthand Theory & Speedbuilding, or arrange for a test through the Business Division.)
(Revised Certificate)
EARLY CHILDHOOD EDUCATION

Change the last section as follows:

Early Childhood Education certificate students can apply for the Emergency Children’s Center Permit upon completion of the certificate. Students must achieve a minimum grade of "C" or better in each of the required courses. This requires an employer statement that no Regular Children’s Center Permit applicant is available. The application for the Emergency Children’s Center Permit can be made through the credentialing office at Imperial County Office of Education through California Teacher Preparation and Licensing, State Department of Education.