HELP IVC FOUNDATION HELP YOU AND YOUR BUSINESS, BY BETTER PREPARING YOUR FUTURE EMPLOYEES

You never feel better than when you are reaching out to help someone. Exercising the goodness of our human nature gratifies our spirit and brightens our outlook on life today, tomorrow, and into the future.

In addition to making you feel better, when you support the IVC Foundation with your membership dollars, you are investing in the overall improvement of our Imperial Valley economy and a improved quality of life by better preparing your future employees with higher skill levels which will allow them to capture the higher paying jobs in your businesses.

Imperial Valley College Foundation was founded in 1964 to provide a tax-free channel for friends of IVC and its students to direct their generosity to benefit IVC students, the college, and its programs. Since its inception the Foundation has focused hundreds of thousands of dollars of generosity from individuals, businesses, civic groups, and clubs to help young people enter the college and continue as students. Scholarships, loans, and payment of fees are all part of the Foundation's program.

Additionally, the Foundation has aided in many campus improvements and in introducing elementary school students to the idea of a college experience in their future through our educators field trip programs. More than 10,000 elementary students have participated in this Foundation-sponsored project.

Our ultimate goal is to help students achieve their goal of gaining a college education. The picture below symbolizes that goal - Graduation Day - and receiving an Associate Degree.

So make your move now and FEEL EVEN BETTER. Your gift, donation, annual membership, endowment, annuity, trust fund or other form of giving will brighten your life and enhance the future of one or many of our students and the Imperial Valley's future employees.

Write or call:

Imperial Valley College Foundation
P.O.Box 158
Imperial, CA 92251-0158
(760) 355-6113
Imperial Valley College welcomes you and wishes to take this opportunity to congratulate you on your decision to accept the challenge of further education. This catalog is your guide to and through this college and the many educational programs which it offers. 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
2003-2004

General Catalog and Announcement of Courses

APPROVED
for
The Veterans Administration

IMPERIAL VALLEY
COLLEGE
2003-2004

General Catalog and Announcement of Courses

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IMPERIAL COMMUNITY COLLEGE DISTRICT
P.O. BOX 158
380 E. Aten Road
Imperial, CA 92251-0158
Phone (760) 352-8320

www.imperial.edu

IMPERIAL VALLEY COLLEGE

ACCREDITED
by the

Accrediting Commission for Community and Junior Colleges of the Western Association of Schools and Colleges
3402 Mendocino Avenue
Santa Rosa, CA 95403
(707) 569-9177
an institutional accrediting body recognized by the Commission on Recognition of Postsecondary Accreditation and the U.S. Department of Education

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

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IMPERIAL VALLEY COLLEGE

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California Board of Registered Nursing
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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
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**Imperial Valley College**

**WELCOMES YOU**

Opening the IVC Catalog is like opening the window to the chance for a lifetime. You will find a variety of programs and services of high learning, rich in both breadth and depth.

Our faculty, staff, administration, and Board of Trustees are interested in providing you an excellent education to assist you in achieving your educational and career goals.

You will find our faculty members are excellent teachers who are sensitive to your needs, our campus and extended campus centers are convenient and neat. The cost is affordable and a variety of financial aids are available. The application process is easy. If you have not come on to the IVC Campus before, please visit us at your earliest convenience. The campus is just beautiful and people here are friendly.

Our catalog is our contract with you. Please read and use it wisely to optimize your enrollment here at IVC. We want you to be thrilled for your experiences here.

Paul Pai, Ed.D.
Superintendent/President
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IMPERIAL COMMUNITY COLLEGE DISTRICT

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Trustee from area which includes Brawley Union High School District

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Trustee from area which includes Central Union High School District

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IMPERIAL VALLEY COLLEGE
GENERAL CATALOG 2003-2004

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Division of English

MS. JILL TUCKER
Division of Exercise Science, Wellness and Sport

MR. RICHARD HANN
Division of Humanities

MRS. KATHY BERRY
Division of Nursing Education and Health Technologies

MR. JIM PENDLEY
Division of Science, Mathematics and Engineering
### IMPERIAL VALLEY COLLEGE

**2003-2004 SCHOOL CALENDAR**

<table>
<thead>
<tr>
<th>Month</th>
<th>Day</th>
<th>Event</th>
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<tr>
<td>August</td>
<td>15</td>
<td>Friday</td>
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<tr>
<td></td>
<td>16</td>
<td>Faculty Service Day (Orientation)</td>
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<tr>
<td>September</td>
<td>1</td>
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<td></td>
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<td>10-16</td>
<td>Saturday-Friday</td>
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<td>May</td>
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<td>Saturday</td>
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<td></td>
<td>24-28</td>
<td>Monday-Friday</td>
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<td>29</td>
<td>Saturday</td>
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</tbody>
</table>

### THE FACULTY

<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alvarado, Beatriz</td>
<td>Counselor</td>
<td>A.A., Imperial Valley College</td>
</tr>
<tr>
<td>Andreas, Ben</td>
<td>Assistant Professor</td>
<td>History, B.A., San Diego State University</td>
</tr>
<tr>
<td>Aragon, Paul</td>
<td>Counselor</td>
<td>A.A., Imperial Valley College, B.A., San Diego State University</td>
</tr>
<tr>
<td>Archuleta, Joaquin</td>
<td>Full Professor, Mathematics, Engineering, and Physics</td>
<td>B.S., University of Colorado</td>
</tr>
<tr>
<td>Arguelles, Trinidad</td>
<td>Counselor</td>
<td>B.A., San Diego State University</td>
</tr>
<tr>
<td>Arminta, Celeste</td>
<td>Instructor, Nursing</td>
<td>B.S., National University</td>
</tr>
<tr>
<td>Artech, G. Olga</td>
<td>Faculty Coordinator, Imperial Valley College</td>
<td>B.A., M.A., San Diego State University</td>
</tr>
<tr>
<td>Avila, Beatriz</td>
<td>Counselor</td>
<td>B.A., California Polytechnic State University, San Luis Obispo University, M.A., University of Redlands</td>
</tr>
<tr>
<td>Barba, Cecilia</td>
<td>Instructor, History</td>
<td>B.A., University of Texas, El Paso</td>
</tr>
<tr>
<td>Beckley, Jeffrey</td>
<td>Instructor, Business</td>
<td>B.A., Idaho State University</td>
</tr>
<tr>
<td>Bemis, Roberta</td>
<td>Assistant Professor, English</td>
<td>B.A., San Diego State University, M.A., Northern Arizona University</td>
</tr>
<tr>
<td>Biley, Patti</td>
<td>Full Professor, English</td>
<td>B.A., M.A., Southern Illinois University, Ph.D., University of Austin</td>
</tr>
<tr>
<td>Blair, Pauline</td>
<td>Reading/Writing Lab Tutorial Specialist</td>
<td>B.A., Madonna College</td>
</tr>
<tr>
<td>Bled, Craig</td>
<td>Assistant Professor, Economics</td>
<td>B.A., University of California, Los Angeles, M.A., University of Delaware</td>
</tr>
<tr>
<td>Borchard, Mary Kay</td>
<td>Full Professor, Administration of Justice</td>
<td>B.A., San Diego State University, M.S., National University</td>
</tr>
<tr>
<td>Byrd, Krista</td>
<td>Instructor, Psychology</td>
<td>B.S., San Diego State University, M.S., Northern Arizona University</td>
</tr>
<tr>
<td>Campos, Gilbert</td>
<td>Counselor</td>
<td>B.A., San Diego State University, Ph.D., University of Redlands</td>
</tr>
<tr>
<td>Cariez, Saval, Said</td>
<td>Counselor</td>
<td>B.A., San Diego State University, M.Ed., University of San Diego</td>
</tr>
<tr>
<td>Carlson, C. Marylyn</td>
<td>Full Professor, Nursing</td>
<td>B.S.N., University of Connecticut</td>
</tr>
<tr>
<td>Carne, Dennis</td>
<td>Assistant Professor, Science</td>
<td>B.A., San Diego State University, University of California, Berkeley, M.S., Ph.D., University of California, Riverside</td>
</tr>
<tr>
<td>Creaven, Julie</td>
<td>Instructor, B.S.L.</td>
<td>B.A., San Diego State University, M.A., United States International University</td>
</tr>
<tr>
<td>Croft, Donna</td>
<td>Assistant Professor, Business</td>
<td>M.A.B.B.A., National University</td>
</tr>
<tr>
<td>Cypher, Jacklyn</td>
<td>Associate Professor, Emergency Medical Technician-Parasitic</td>
<td>B.S., Imperial Valley College, M.S., National University</td>
</tr>
<tr>
<td>Davis, Samuel</td>
<td>Instructor, Chemistry and Biology</td>
<td>Ph.D., Biochemistry (India), M.S., Biochemistry (India)</td>
</tr>
<tr>
<td>Davis, Donna</td>
<td>Instructor, History</td>
<td>B.A., Imperial Valley College</td>
</tr>
<tr>
<td>Davis, Lincoln</td>
<td>Instructor, English</td>
<td>B.A. Columbia College, Chicago</td>
</tr>
<tr>
<td>Decker, Van A.</td>
<td>Instructor, Music</td>
<td>B.A., San Diego State University, M.S.N., California State University, Dominguez Hills</td>
</tr>
<tr>
<td>Delm, W. Max</td>
<td>Instructor, Music</td>
<td>B.S., Fullerton College</td>
</tr>
<tr>
<td>Diaz, Doleos</td>
<td>Student Support Services Director, Counselor</td>
<td>B.A., San Diego State University, M.D., University of California, San Diego</td>
</tr>
<tr>
<td>Dorantes, Kathleen</td>
<td>Instructor, English</td>
<td>B.A., McGill University, Montreal</td>
</tr>
<tr>
<td>Drury, Dave</td>
<td>Full Professor, Exercise Science, Wellness &amp; Sport</td>
<td>B.S., University of La Verne, M.S., Brigham Young University</td>
</tr>
<tr>
<td>Esqueda, Jesus</td>
<td>Counselor</td>
<td>B.A., San Diego State University, M.A., United States International University</td>
</tr>
</tbody>
</table>
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M.A., Webster University

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M.A., Michigan State University

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M.S. San Diego State University

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B.S.N. Contra Costa College of California universities & Colleges
B.A., M.S. San Diego State University

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M.A., West Virginia University

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SZCZUK, PETER
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B.A., San Jose State University
M.A., University of California, Santa Barbara
M.S., Northern Illinois University

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A.S., Miramar College
B.S., Emergency Medical Care, Loma Linda University

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B.A., San Francisco State University

TUCKER, JILL
Assistant Professor
Chairperson, Division of Exercise Science, Wellness and Sport
B.A., Eastern New Mexico University

VOLDMAN, ALEKSANDR
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B.S., Northern University
M.S., Benoit University
Ed.D., Kohler Math Institute

WELCH, THOMAS
Assistant Librarian
B.A., California State University, Sacramento
M.S., University of Illinois
M.A., Catholic University of America

WILHELM, ROBERT L.
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B.S., M.A., Ph.D., St. Louis University

ZAZUITA, CATHY
Instructor
1973-78 American University in Paris (AUP) Paris
M.L.S., University of British Columbia

ZHAI, LIANNA
Assistant Professor, Science
M.S., Northeast Louisiana University
M.D., Capital Institute of Medicine

ZEILNSKI, DAVID
Associate Professor, English
A.B., A.M., San Diego State University

ZOHEB, SHERRY
Assistant Professor, Mathematics
B.S., B.S., Braghs Young University
B.S., Weber State University
M.S., Montana State University

BARELOW, N.C.
Instructor, Law Enforcement
1974-81

FINLEY, LUTHER
Professor
1960-81

FINNEY, DIBI
Professor
1967-81

GENTAY, GLENNA
Teacher
1967-81

KOJAK, RUTH
Professor
1978-81

OVERMAN, RUTH
Professor
1961-81

SAMPSON, CARMEN
Professor
1971-81

SAMSON, WALTER
Professor
1963-82

ANDERSON, LESLIE
Professor
1974-83

LEONARD, THOMAS
Professor
1964-72

NOVAK, RUTH
Professor
1958-72

SHINSHAW, JOHN
Professor
1962-73

UPSON, JOHN
Professor
1966-77

GARTNER, HERBERT
Professor
1966-78

MOORE, ERNEST
Professor
1970-78

BRINKMANN, MARTHA
Professor
1972-83

DIET, JACQ
Professor
1981-85

ARKER, LLOYD
Professor
1984-86

SWAIN, MARIE
Professor
1964-80

ROTH, NORMAN
Professor
1976-96

BARKER, LEONARD
Professor
1974-82

CARMAN, JOHN
Professor
1974-82

SANDOVAL, LILIA
Counselor
1982-90

ROGERS, RICHARD
Professor
1992-99

THE COLLEGE

LOCATION

The Imperial Valley College is located in the 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 tourists 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 within 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 Central Union High School District of El Centro passed a resolution establishing the Central 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 at 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 1924.

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 classes 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 northwest corner 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 High School in Imperial, California.

On October 4, 1965, 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 was purchased for this purpose.

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 service 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 agricultural education classrooms and shop. The new campus opened in 1962.

A steady growth pattern began in April 1967 with the addition of the multipurpose building. The building was designed to house sporting and theater events, and was comparable to any such community college structure in the State. Three other projects followed which were completed through community donations: The Janey Jackson Memorial Fountain, 1969; the renovation of the Holvitz Train Depot, located in the cactus garden, 1971; and the Meyer Center for Business and Commerce. The Meyer Center was dedicated February 20, 1972, at ceremonies commemorating the 50th anniversary of the Imperial Community College District. Also recognized the same day was the opening of the archaeological museum at 442 Main Street in El Centro in buildings donated by H. P. Meyer and the new agricultural-welding complex. The museum was later named the Barker Museum, honoring Michael Barker, deceased. Mr. Barker was an IVC archaeology 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, 1975; remodeling of the Student Union and the cafeteria in the
The custodian constructed computerizing location by recognition ceremonies and programs Jean Raulston, the providing a women's softball field; rejuvenating classrooms, the library used the service in June of 1999. Jean Raulston was dedicated in 1963 and 1998. She also taught Spanish and Humanities for 26 years. Pauline Benoit for her meaningful and productive lives in a complex scholarly atmosphere. Pauline Benoit was honored as a retired and long-term Automotive Technology Instructor.

The Ray White Tool Distribution Center aids the Industrial Technology tool and equipment needs. At the fall 2000 grand opening Ray White was honored as a retired and long-term Automotive Technology Instructor. Mr. White served IVC from 1964-1998.

MISSION/STATEMENT

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

ACADEMIC FREEDOM STATEMENT

The common good of society depends upon the search for knowledge and its free expression. Academic freedom is essential to both these purposes and is the right of reasonable exercise of civil liberties and responsibilities in an academic setting. As such it protects each person's freedom to express opinions both inside and outside the classroom, to practice one's profession as teacher and scholar, to participate in regular classes on the main campus; students who can meet graduation requirements. Imperial Valley College offers an opportunity to begin their advanced education while still residing at home. The governing board of any two-year community college may admit to the summer session of the community college 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. The student is authorized attendance at community college as a special part-time student pursuant to this section and shall receive credit for community college courses completed in the same manner as if regularly enrolled at the community college. Each special part-time student shall attend high school classes for at least the minimum school day. Admittance of 11th & 12th Grade High School Students Admission of 11th & 12th Grade High School Students.

The governing board of any two-year community college may admit to the summer session of 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. The student is authorized attendance at community college as a special part-time student pursuant to this section and shall receive credit for community college courses completed in the same manner as if regularly enrolled at the community college. Each special part-time student shall attend high school classes for at least the minimum school day. Admittance of Pupil Who Has Completed 11th Grade to Summer Session: Crediting Summer Session Attendance

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the student completed the 11th grade. A principal of a high school may recommend such a student as a special student pursuant to enrollment 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.

6. Imperial Valley Community College Developmental Preparatory College

President’s Honor List

The president of the college gives special recognition to top students each semester by publishing a list of students whose grades for the previous semester show a 3.0 average or better in twelve or more units of work.

FAINANCE AND 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: need-based aids 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. Imperial Valley College determines the amount of federal financial aid that a student is eligible for in accordance with federal law. Students who receive federal financial aid and do not attend any classes will be required to repay all of the funds they received. Students who withdraw from all classes prior to completing more than 60% of the semester will have their financial aid eligibility recalculated based on the percentage of the semester completed, and will be required to repay any unearned financial aid they received. The official withdrawal date will be...

5. Disabled Student Programs and Services

The Disabled Student Programs and Services program is designed to assist students with physical disabilities, learning disabilities, psychological disabilities and health problems. The program provides preferential registration, counseling, class scheduling, tutoring, mobility assistance, interpreting, braille transcription, adaptive education, special parking, and nursing assistance.

6. Imperial Valley College Developmental Preparatory & Infant Toddler Center

The preschool is open five days a week from 7:45 a.m. to 4:00 p.m., concurrent with the college calendar. Child care services are eligible for newborns and children who are 5 years of age whose parent(s) are IVCC students.

DEGREES

The Board of Trustees, on recommendation of the president and faculty of the college, is authorized in accordance with Article 12, Section 302, 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.

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

SCHOLASTIC HONORS

Graduation Honors

"With Distinction" is accorded 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.

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

Nonresidents and international students are required to pay tuition charges of $149.00 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 cannot be accepted. Payment of nonresident and international student tuition cannot be deferred.

OTHER FEES CHARGES

Efficient Funds Check Charge

There will charge $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 discounted 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:

Enrollment Fee
Parking Fee
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 Parole Officers Standards and Training. Accreditation reports are available and may be reviewed at the office of the President.

COUNSELING SERVICES

It is the aim of Imperial Valley College to provide all students with pertinent information they will need in the formulation of their academic and personal goals and objectives and to assist them in being aware of and making the most of their talents, interests, and opportunities. Counseling services are provided by professional counselors who are 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 7:00 p.m. Monday through Thursday, and 8:00 a.m. to 5:00 p.m. on Friday, during the year. A Transfer and Career Center, located within the Counseling Center, has an extensive reference library of catalogs from various colleges and universities and resource materials on vocational and career information.

Although counselsors 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. For assistance and/or more information please consult the Counseling Center, (8701) 355-6246; or the Extended Campuses Campuses (Brayville 344-7213, Calexico 768-9740, or ER Center 353-2180).

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 sports and those who are interested in music, publications, 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 Grossmont, Miramar, Mesa College, San Diego City, San Diego Mesa, and Southwestern Colleges.

LEARNING AND TUTORING SERVICES

Tutoring is available for all students enrolled at Imperial Valley College. The Tutoring Center is located in the Spencer Library Media Center. The center offers a variety of tutorial programs that provide remedial assistance, as well as enrichment programs to direct students in proper study skills, note taking and test preparation. Sessions are based on individual program guidelines and may be in the form of one-on-one tutoring or group sessions. Depending on scheduling, drop-in tutoring is also available.
The Workforce Development Center (WDC) offers a variety of resources and services designed to enhance the learning process and assist the student in the transition to the workplace. General resources and services include job search assistance, a computer lab featuring software for software development resources include CALLJOB, EUREKA, labor market data, resume programs, job search workshops, and a job board featuring employment postings. WDC also houses the IVC Satellite One Stop Employment Services Center in conjunction with the Workforce Investment Board of Imperial County. The Satellite hosts partner agencies on a rotating basis that provide in-depth job search assistance to IVC students at no cost. The Center is located in Building 21.

ASSessment
It is the policy of Imperial Valley College that new students seeking to enroll in initial level reading, writing, and/or math classes be assessed. Assessment includes basic skills testing, needs analysis, evaluation of past performance, attitudes, 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 is used to exclude students from admission to the college and all placement based on such assessment is subject to viability. MATRiCULATION PROCEDURE
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 programs 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 college 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 meet 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 suspension requirement or regulation using the student petition process.
Withdrawal

The Residency 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 there.

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

1. Everyone 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 is the residence of the unmarried minor child. When the minor lives with neither parent, his/her residence is that of the parent with whom he/she maintained his/her last place of abode. The minor may establish his/her residence when both parents are deceased and a legal guardian has not been appointed.

5. The residence of an unmarried minor, who has a parent living, cannot be changed by his/her 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 residency.

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

2. 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.

3. Effective January 1, 1995, students who are a member of the armed forces of the United States stationed in California on active duty, except those assigned to California for educational purposes, are exempt from nonresident tuition. The student must be on active duty on the resident determination date.

Dependents of an active duty member of the military who are stationed in California are accorded the exemption from nonresident fees.

4. Adults alien or not precluded from establishing domicile in the United States by the Immigration and Naturalization 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 classification are to be enabled to establish residence using the same criteria as would be applied when evaluating any United States citizen:

a. Career Diplomat Visa
b. fiancé Visa

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

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

7. 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.

8. A student may be classified as a district resident if he/she 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 years; the parent lives within the district which maintains the community college attended by the student; the parent claims the student as a person dependent on his/her state or federal income tax returns, if he/she has sufficient income to have a personal income tax liability.

9. A student may be classified as a district resident if he/she 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 one factor is decisive; however, the institution may look for certain objective manifestations of subjective intent on the part of the student attending that residence status has been established, or has been maintained in spite of an absence from the state.

Examples of evidence that aid the college admissions officer in identifying that intent, but which are not individually decisive, are possession of a document of California’s 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 paycheck.

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

A student who does not answer all of the questions on the Residence Questionnaire or on the Supplemental Residence Questionnaire, if one is used, may be classified as a nonresident.
### 6. GRADE POINTS

<table>
<thead>
<tr>
<th>Grade</th>
<th>Points per Unit</th>
<th>Courses and Unit Restrictions</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>4</td>
<td>Grade points per unit are assigned as follows:</td>
</tr>
<tr>
<td>B</td>
<td>3</td>
<td>- Grade points per unit</td>
</tr>
<tr>
<td>C</td>
<td>2</td>
<td>- Grade points per unit</td>
</tr>
<tr>
<td>D</td>
<td>1</td>
<td>- Grade points per unit</td>
</tr>
<tr>
<td>F</td>
<td>0</td>
<td>- Grade points per unit</td>
</tr>
<tr>
<td>CR</td>
<td>0</td>
<td>- Grade points per unit; units not charged against the student</td>
</tr>
<tr>
<td>NC</td>
<td>0</td>
<td>- Grade points per unit; units not charged against the student</td>
</tr>
<tr>
<td>I</td>
<td>0</td>
<td>- Grade points per unit; units not charged against the student</td>
</tr>
<tr>
<td>IP</td>
<td>0</td>
<td>- Grade points per unit; units not charged against the student</td>
</tr>
<tr>
<td>W</td>
<td>0</td>
<td>- Grade points per unit; units not charged against the student</td>
</tr>
</tbody>
</table>

The grade point average is computed by dividing total grade points earned by total units attempted less CR units. Thus, in any given semester, if the grade points earned total 28 and the total units attempted less CR units equals 14, the grade point ratio is 2.00.

### 7. CREDIT BY EXAMINATION

An enrolled student may petition to take an examination in lieu of course work between the sixth and fourteenth weeks of each semester. A maximum of 25 units may be used toward graduation through this process. No more than 15 units per semester will be authorized. The fee will be $20.00 per unit plus $10.00 for administrative costs for each examination administered. The credits by examination petition is available in the Registrar's Office.

### 8. CREDIT FOR ADVANCED PLACEMENT EXAMINATIONS

Imperial Valley College grants credit toward its associate degree for successful completion in the following Advanced Placement (AP) Examinations. 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 schools and should indicate at the time they take the AP course exam that they intend to enroll at Imperial Valley College. To obtain credit and advanced placement, the student should contact the Imperial Valley College Admission Office or see an Imperial Valley College counselor. The Advanced Placement Credit table indicates the units granted for the score attained for each of the examinations offered.

<table>
<thead>
<tr>
<th>Subject</th>
<th>Score</th>
<th>Credit Allowed Toward IVC Associate Degree</th>
</tr>
</thead>
<tbody>
<tr>
<td>Art History</td>
<td>3.5</td>
<td>Six (6) semester units</td>
</tr>
<tr>
<td>Art Studio</td>
<td>3.5</td>
<td>Six (6) semester units</td>
</tr>
<tr>
<td>General</td>
<td>3.5</td>
<td>Six (6) semester units</td>
</tr>
<tr>
<td>Drawing</td>
<td>3.0</td>
<td>Four (4) semester units</td>
</tr>
<tr>
<td>Biology</td>
<td>3.5</td>
<td>Six (6) semester units</td>
</tr>
<tr>
<td>Chemistry</td>
<td>3.5</td>
<td>Six (6) semester units</td>
</tr>
<tr>
<td>Computer Science</td>
<td>3.0</td>
<td>Three (3) semester units</td>
</tr>
<tr>
<td>Economics</td>
<td>3.5</td>
<td>Three (3) semester units</td>
</tr>
<tr>
<td>Micro</td>
<td>3.5</td>
<td>Three (3) semester units</td>
</tr>
<tr>
<td>English</td>
<td>3.5</td>
<td>Three (3) semester units</td>
</tr>
<tr>
<td>Lang &amp; Comp</td>
<td>3.5</td>
<td>Three (3) semester Units</td>
</tr>
<tr>
<td>Lang &amp; Comp</td>
<td>5</td>
<td>Six (6) Semester Units</td>
</tr>
<tr>
<td>Comp &amp; Lit</td>
<td>3.5</td>
<td>Three (3) Semester Units</td>
</tr>
<tr>
<td>Comp &amp; Lit</td>
<td>5</td>
<td>Six (6) Semester Units</td>
</tr>
<tr>
<td>Spanish</td>
<td>3.5</td>
<td>Six (6) semester units</td>
</tr>
<tr>
<td>American European</td>
<td>3.5</td>
<td>Six (6) semester units</td>
</tr>
<tr>
<td>Mathematics</td>
<td>3.5</td>
<td>Six (6) semester units</td>
</tr>
<tr>
<td>Calculus AB</td>
<td>5</td>
<td>Five (5) semester units</td>
</tr>
<tr>
<td>Calculus BC</td>
<td>3.5</td>
<td>Six (6) semester units</td>
</tr>
<tr>
<td>Calculus AB &amp; BC</td>
<td>3.5</td>
<td>Six (6) semester units</td>
</tr>
<tr>
<td>Statistics</td>
<td>3.5</td>
<td>Three (3) semester units</td>
</tr>
<tr>
<td>Music</td>
<td>3.5</td>
<td>Five (5) semester units</td>
</tr>
<tr>
<td>Music-LingWlt</td>
<td>3.5</td>
<td>Three (3) semester units</td>
</tr>
<tr>
<td>Physics B</td>
<td>3.5</td>
<td>Five (5) semester units</td>
</tr>
<tr>
<td>C(Mech)</td>
<td>3.5</td>
<td>Five (5) semester units</td>
</tr>
<tr>
<td>C(Eng)</td>
<td>3.5</td>
<td>Five (5) semester units</td>
</tr>
<tr>
<td>Political Science</td>
<td>3.5</td>
<td>Five (5) semester units</td>
</tr>
<tr>
<td>Gov/Poli Am</td>
<td>3.5</td>
<td>Six (6) semester units</td>
</tr>
<tr>
<td>Gov/Poli Am</td>
<td>5</td>
<td>Six (6) semester units</td>
</tr>
<tr>
<td>Gov/Poli Am &amp; Comp</td>
<td>3.5</td>
<td>Three (3) semester units</td>
</tr>
<tr>
<td>Psychology</td>
<td>3.5</td>
<td>Six (6) semester units</td>
</tr>
<tr>
<td>Spanish Lang</td>
<td>3.5</td>
<td>Six (6) semester 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. SEE A COUNSELOR.
2. Credit may be granted only when the student has registered and enrolled in classes.
3. Although Imperial Valley College grants credit for Advanced Placement Examinations, there is no guarantee your transfer institution will do the same.

### 9. COLLEGE CREDIT FOR REGIONAL OCCUPATIONAL PROGRAM COURSES

#### Policy

Imperial Valley College grants credit toward the associate degree for completion of specific Regional Occupational Programs (ROP) courses and high school 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.

### 10. 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 DOD 11214 (minimum of 180 days active duty to include basic training) to the Veteran's Assistance office 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.

### 11. 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.
12. ACADEMIC RENEWAL
A policy to exclude students who have been removed from the College due to unsatisfactory conduct. Students who have been suspended for cause by the Academic Dean may be reinstated by the Academic Dean upon recommendation of the Academic Dean and approval of the Committee on Academic Appeals. Students must have completed a minimum of six academic units with a grade of B- or higher in each unit. Students who have been suspended for cause by the Academic Dean may be reinstated by the Academic Dean upon recommendation of the Academic Dean and approval of the Committee on Academic Appeals. Students must have completed a minimum of six academic units with a grade of B- or higher in each unit.

SEMESTER GRADE REPORTS
An end-of-the-semester grade report shall be issued to the student by the Registration Office.

CHEATING AND PLAGIARISM
If cheating or plagiarism is discovered, a student may be dropped from the course with a grade of "F." 

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 complete Standards and procedures may be found in the Handbook for Faculty Advisors and Student Leaders, which is available to the Office of Student Affairs.

STANDARDS OF STUDENT CONDUCT
Imperial Valley College is maintained for the purpose of providing students in the community with programs of instruction in higher education. The College is concerned with the fostering of knowledge, the search for truth and the dissemination of ideas. Free inquiry and free expression are indispensable to the achievement of these goals. As members of the College community, students are encouraged to develop the capacity for critical judgment and to engage in a sustained and independent search for truth. Students at Imperial Valley College are not subject to the criminal authorities for the protection of other students, or to safeguard the academically process.

Violations of such rules are subject to the following types of disciplinary actions:

1. Warning
2. Probation
3. Disciplinary action
4. Restitution, reimbursement for damage or misappropriation of property
5. Suspension or removal by instructor
6. Expulsion

The complete policy on Standards of Student Conduct, Disciplinary Action, and Due Process can be found in the Handbook for Faculty Advisors and Student Leaders in the Student Affairs Office.

IMPERIAL VALLEY COLLEGE
GENERAL CATALOG 2003-2004

(2) Violation of College rules and regulations, including those concerning student organizations, the use of College facilities, or the time, place, and manner of public expression or distribution of material.
(3) Dishonesty, such as cheating, or for knowingly furnishing false information to the College.
(4) Willful persistent smoking where smoking has been prohibited.
(5) Unauthorized entry to, or use of College facilities.
(6) Forgery, alteration, or misuse of College documents, records, or identification.
(7) Disruption of classes, administration, disciplinary procedures or unauthorized College activities.
(8) Theft of, or damage to property belonging to the College, a member of the College community, or campus visitor.
(9) Disorderly, lewd, indecent, or obscene conduct or expression.
(10) Assault, battery, or the threat of force or violence directed toward any member of the College community or campus visitor.
(11) Unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance and possession, use, or distribution of alcohol.
(12) Possession, while on the College campus or at a College sponsored function, of any instrument or weapon of a kind commonly known as a blackjack, fire bomb, billy club, bean knuck­les, dagger, or firearm (loaded or unloaded) such as a pistol, revolver, or rifle, or any knife having a blade longer than five (5) inches, any switch-blade longer than two (2) inches, or any metal pipe, bar, or instrument used, or intended to be used as a weapon, or to be used to threaten bodily harm.
(13) Commission of any crime on campus, or commission of a crime off-campus, when such off-campus crime is of such a nature that the College needs to impose sanctions in addition to those imposed by the criminal authorities for the protection of other students, or to safeguard the academic progress.

FORMAL RESOLUTION
Step 3 If an informal resolution does not occur within ten (10) instructional days of the supervisor's response, a student may submit a complaint form (form may be found at the tack of the handbook) to the Vice President for Academic Services, who will respond within five (5) instructional days to determine whether the complaint contains an allegation of a violation of the Code of Student Conduct. If a violation of the Code of Student Conduct is found, the Vice President for Academic Services will notify the student in writing of the decision. The student may appeal this decision to the Student Life Committee.

ACADEMIC RENEWAL
If a student is not satisfied with the decision made by the Vice President for Academic Services or Dean of Admissions, a student may request a hearing within five (5) instructional days of the decision.

Step 4 Any committee member who has a direct involvement with the complaint shall be excluded from reviewing that complaint or participating in any manner in the determination of the ultimate outcome of that complaint.

Step 5 Hearing Procedures
a. The appropriate committee will meet within (10) instructional days of the request for a hearing. The Dean of Admissions shall notify all parties involved and each committee member of the date, time, and place of the hearing.

b. The student shall bear the burden of proving the allegations of his/her complaint.

The hearing shall be recorded either by use of tape recorder, or by stenographic reporter.

c. This is not a legal court proceeding, however all parties may have counsel or other representative present.

e. At the conclusion of the hearing, the Committee shall meet privately to reach a decision by majority vote and prepare a written report.
Lack-of-Progress Probation

At the end of each semester, any student who has enrolled in 12 or more units and who has received grades of Ws, F's, and NCs in 50 percent or more of those units, will be placed on Lack-of-Progress Probation. A student on Lack-of-Progress Probation shall be removed from probation when the percentage of units in Ws, F's, and NCs has dropped below 50 percent overall. Summer sessions will not change a student's probation status, unless a petition is submitted.

Step 6 Appeals

If the student desires to appeal the Hearing Committee's recommendation, this appeal must be made in writing directly to the President/Superintendent within five (5) instructional days of the hearing. The President/Superintendent may approve, reject or modify the Hearing Committee's recommendation within five (5) instructional days after the appeal is received.

If the student is not satisfied with the decision of the President/Superintendent, he/she may make a final appeal to the Board of Trustees.

In order for this appeal to be placed on the Board agenda, a request must be submitted at least ten (10) instructional days prior to the next Board meeting. The Board shall then notify the student (s) of its decision within (5) instructional days of the meeting.

Definitions:

A "Student" is a person enrolled at Imperial Valley College within 30 days of the alleged act or decision.

"Institutional days" are those when the college is in session and classes are being held, excluding Saturdays and Sundays.

CAMPUS REGULATIONS

A speed of 10 mph on campus must be strictly observed. Smoking is prohibited in all buildings at Imperial Valley College. All non- motorized 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 reassessing their educational objectives and guiding them to accomplish their goals. Students who are placed on probation will be identified 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 the Fall or Spring semester and earns less than a 2.0 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 in the subsequent regular semester. Summer sessions will not change a student's probation status, unless a petition is submitted.

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 may be dropped by the instructor immediately following that class. Should the instructor desire to drop the student after the close of the registration period, the student's name will be dropped from the enrollment records. The student may then be readmitted by petition to the Dean of Admissions if the student desires to appeal the Hearing Committee's recommendation to the Board of Trustees.

APPLICATION AND AUTOMATIC WITHDRAWALS

A student who fails to attend the first meeting of a class may be dropped by the instructor immediately following that class. Should the instructor desire to drop the student after the close of the registration period, the student's name will be dropped from the enrollment records. The student may then be readmitted by petition to the Dean of Admissions if the student desires to appeal the Hearing Committee's recommendation to the Board of Trustees.

VOLUNTARY WITHDRAWAL

A student who is tardy more than 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.

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

Evaluation for Scholastic Dismissal occurs at the end of both the Fall semester and the Spring semester when a student has previously been placed on Scholastic Probation, and has a cumulative grade point average of 1.75 or less in the last three consecutive semesters of enrollment. The student will be notified in writing as soon as possible after the semester in which the dismissal evaluation occurs. The dismissed student will not be allowed to enroll during the next semester (the exception being a student who is dismissed for the Fall semester but has registered for the Spring semester. That student will be allowed to continue classes for the Spring semester, at the end of which the student will be reevaluated for Dismissal). The dismissed student will not be allowed to enroll for the next semester (except by special approval upon petition to the Admissions, Registration and Petition's Committee).

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' Assistance may allow the veterans 4 units of credit for basic training in the military
I am eligible for educational and training allowances.

Veteran/Dependent Student

Students will not be certified for enrollment if placed on Scholastic or Lack-of-Progress Dismissal status. If you have previously been placed on School Probation and have a cumulative grade point average of less than 2.0 in the last two consecutive semesters of enrollment and are eligible for certification of Veterans Benefits, you will be dismissed at the end of each semester as a veteran student (lose veteran certification) as required under Veterans Administration approval criteria regulations.

Students who have previously been placed on Lack-of-Progress Probation and have 50% or more enrollment grade of "W", "I", or "NC" recorded in the last two consecutive semesters of enrollment will be discontinued at the end of each semester as a veteran student (lose veteran certification) as required under Veterans Administration approval 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 at 2022 Camino del Rio North, San Diego, CA 92108 to determine their eligibility for disabled status.

DVA Serviceman Connected Disability Benefits Programs

Veterans with disabilities are encouraged to investigate services offered through Disabled Student 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 Rio North, San Diego, CA 92108.

Student’s Liability

The veteran/student dependent 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 Student Programs 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 this college. Certification for benefits for the second semester will be withheld if transcripts are not received. See the Veterans Assistant for necessary forms.

I. ACQUISITION OF MAJOR CONSISTING OF EIGHT TEEN (18) UNITS (CUM GROSS OR 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 after the Courses of Instruction.

A. Administration of Justice
B. Agricultural Business Management
C. Agricultural Science
D. Alcohol and Drug Studies
E. Anthropology
F. Art
G. Automotive Body Repair and Painting
H. Automotive Technology
I. Behavioral Science
J. Business Administration
K. Business Financial Services
L. Business Management
M. Business Marketing
N. Business Office Technology: Accounting Technician
O. Business Office Technology: Office Technician
P. Business Office Technology: Office Technician
Q. Business Office Technology: Office Technician
R. Business Office Technology: Office Technician
S. Business Office Technology: Office Technician
T. Business Office Technology: Office Technician
U. Business Office Technology: Office Technician
V. Business Office Technology: Office Technician
W. Business Office Technology: Office Technician
X. Business Office Technology: Office Technician
Y. Business Office Technology: Office Technician
Z. Business Office Technology: Office Technician
A. American Institutions (select one sequence)
1. HIST 17A and HIST 17B
2. POL 51 and POL 52
3. POL 17A and POL 17B
4. HIST 17B and POL 52
5. SOC SCI 52 (Nontransferable; A/AAS degree only)

B. Health Education: Health Education 1A. Health Education 3 (Veterans only)
NOTE: This requirement is waived for students who have completed ADM or LVN Majors. Veterans and active duty military personnel may be granted two units of college credit to fulfill the Health Education Requirement if military service has been continuous for at least six months. Copies of DD-214 or DD-215 forms covering all periods of military service must be on file in the Veterans Office to officially request Health Education credit.

C. Physical Education 24 (2 units) and One (1) Physical Education Activity Course (2 units)
NOTE: Veterans and active duty military personnel may be granted two units of college credit to fulfill the elective Physical Education activity requirement if military service has been continuous for at least six months. Copies of DD-214 or DD-215 forms covering all periods of military service must be on file in the Veterans Office to officially request PE credit.

C. HUMANITIES (3 units required)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
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<tbody>
<tr>
<td>MUS 17A</td>
<td>Chamber Singers</td>
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<tr>
<td>MUS 18A</td>
<td>Chamber/Choirs</td>
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</tr>
<tr>
<td>MUS 20A</td>
<td>History &amp; Literature of Music</td>
<td>3</td>
</tr>
<tr>
<td>MUS 20B</td>
<td>History of Music &amp; Literature of Music</td>
<td>3</td>
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<tr>
<td>MUS 27A</td>
<td>Concert Band</td>
<td>1</td>
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<tr>
<td>MUS 28A</td>
<td>College/Community Chorus</td>
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<td>MUS 29A</td>
<td>Jazz</td>
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<tr>
<td>MUS 30A</td>
<td>Jazz &amp; Latin Literature</td>
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<tr>
<td>MUS 31A</td>
<td>Intro. to 20th Century Music</td>
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<tr>
<td>MUS 32A</td>
<td>Symphony</td>
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<tr>
<td>MUS 64A</td>
<td>Community/College Band</td>
<td>1</td>
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<tr>
<td>MUS 101A</td>
<td>Introduction to Philosophy</td>
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<td>MUS 104A</td>
<td>Ethics</td>
<td>1</td>
</tr>
<tr>
<td>MUS 230A</td>
<td>Western Religions of the Modern World</td>
<td>1</td>
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<td>SPAN 1</td>
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<td>SPAN 5A</td>
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</table>
A student may petition to have a maximum of six units or credit counted toward graduation for correspondence or extension courses which meet the following standards:

1. Courses must have been taken from a recognized accredited college or university having a correspondence or extension division.
2. Courses must be designated as recommended for lower division credit by the college or university.

It is the responsibility of the student to submit evidence establishing the above standards.

TRANSFER REQUIREMENTS

Two principal requirements must be met in order to attain full junior standing at a California 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;
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 peruse their Imperial Valley College catalog so that these requirements will be met. Additional information is available in the Counseling Center.

Transferable courses to the California State University system and the University of California system are indicated by (CSU, UC) following the catalog description. Students are urged to consult 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 any time before graduation, 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 at the lower division level.

## C. ARTS, LITERATURE, PHILOSOPHY, AND FOREIGN LANGUAGE
(9 semester or 12 quarter units)

3 courses must be completed with at least 1 course from the Arts category and 1 course from the Humanities 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)
- **HUM 21 PE** (3) MUS 31 (3)

### Humanities 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)
- **HUM 21 PE** (3) MUS 31 (3)

*Indicates course may only be counted in one area.*
5. PHYSICAL AND BIOLOGICAL SCIENCES

- 7-9 semester/9-12 quarter units. 2 courses, 1 Physical Science course and 1 Biological Science course; at least 1 course must include a laboratory (L).

PHYSICAL SCIENCE COURSES

AGENV 5 (3) ASTR 21 (3)
CHEM 13B (L) (4) GEOG 1* (3)
CHEM 1A (L) (5) PHYS 4A**(L) (5)
CHEM 1B (L) (5) PHYS 4B**(L) (5)
CHEM 24A (L) (4) PHYS 4C**(L) (5)
CHEM 5 (L) (4)
CHEM 12A (L) (4)

BIOLOGICAL SCIENCE COURSES

AG 14 (L) (3) PHYSIO 1** (L) (4)
ANAT 3* (L) (4) PSYCH 2* (3)
ANTH 1 (3) ZOOL 1A (L) (4)
BIOL 2** (L) (4) ZOOL 1B (L) (4)

6. LANGUAGE OTHER THAN ENGLISH (UC Requirement Only)

Complete 2 years of the same foreign language in high school with a grade of C or better OR earn a score of 3 or higher in the College Board Advanced Placement exams in languages other than English OR earn a satisfactory score on the SAT II.

Subject Test in languages other than English, use a score for specific courses OR complete with C grades or better, two years of formal schooling at the sixth grade level or higher in an institution where the language of instruction is not English OR complete 4-5 units from the courses below.

FREN 1** (5) SPAN 1A-IB+ (5)
FREN 2A-2B** (2.5-2.5) SPAN 2A-2B** (2.5-2.5)
FREN 3 (3) SPAN 3** (5)
FREN 4 (3) SPAN 4** (4)
GERM 1** (3) SPAN 1A-IB+ (5)
GERM 1A-IB** (2-2.5) SPAN 1B-2A** (2.5-2.5)
GERM 1B** (4) SPAN 2A** (4)
GERM 1B** (4) SPAN 2B** (5)
GERM 2** (3) SPAN 25 (3)
GERM 4** (3) SPAN 42 (5)

4. SOCIAL & BEHAVIORAL SCIENCES - 9 semester/12-

15 quarter units. At least 3 courses from at least 2 disciplines.

ANTH 2 (3) HIST 50A* (3)
ANTH 4 (3) HIST 50B* (3)
ANTH 6 (3) POL 3** (3)
ANTH 15 (3) POL 5** (3)
CPS 100/PSYCH 20P (3) POL 53 (3)
ECN 1 (3) POL 14 (3)
ECN 2* (3) PSYCH 1A (3)
ECN 2* (3) PSYCH 2A (3)
ECN 2* (3) PSYCH 2B (3)
ECN 2* (3) PSYCH 2C (3)
ECN 2* (3) PSYCH 2D (3)
ECN 2* (3) PSYCH 4 (3)
HIST 44* (3) PSYCH 14 (3)
HIST 45B* (3) PSYCH 175SOC 17 (3)
HIST 17A* (3) PSYCH 175SOC 15** (3)
HIST 17B* (3) SOC 1 (3)
HIST 30* (3) SOC 2 (3)
HIST 45A* (3) SOC 10 (3)
HIST 45B* (3)

6. LANGUAGE OTHER THAN ENGLISH (UC Requirement Only)

Complete 2 years of the same foreign language in high school with a grade of C or better OR earn a score of 3 or higher in the College Board Advanced Placement exams in languages other than English OR earn a satisfactory score on the SAT II.

Subject Test in languages other than English, use a score for specific courses OR complete with C grades or better, two years of formal schooling at the sixth grade level or higher in an institution where the language of instruction is not English OR complete 4-5 units from the courses below.

FREN 1** (5) SPAN 1A-IB+ (5)
FREN 2A-2B** (2.5-2.5) SPAN 2A-2B** (2.5-2.5)
FREN 3 (3) SPAN 3** (5)
FREN 4 (3) SPAN 4** (4)
GERM 1** (3) SPAN 1A-IB+ (5)
GERM 1A-IB** (2-2.5) SPAN 1B-2A** (2.5-2.5)
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ECN 1 (3) POL 14 (3)
ECN 2* (3) PSYCH 1A (3)
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ECN 2* (3) PSYCH 2B (3)
ECN 2* (3) PSYCH 2C (3)
ECN 2* (3) PSYCH 2D (3)
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HIST 45B* (3) PSYCH 175SOC 17 (3)
HIST 17A* (3) PSYCH 175SOC 15** (3)
HIST 17B* (3) SOC 1 (3)
HIST 30* (3) SOC 2 (3)
HIST 45A* (3) SOC 10 (3)
HIST 45B* (3)
El estudiante tiene la oportunidad de iniciar sus estudios superiores mientras sigue en su hogar. Rara oportunidad no sólo permite que el estudiante ahore dinero sino que también ofrece a los estudiantes una transición de la preparatoria a un recinto de estudio de dos años. La flexibilidad es excepcional y le permite a los estudiantes que no pueden asistir al colegio tiempo completo.

1. El menos prespético.

El Colegio del Valle Imperial ofrece cursos de estudio para estudiantes que no pueden asistir al colegio tiempo completo. Las clases son flexibles, con una variedad de horarios que se enfocan en el tiempo de estudio de dos años. El Colegio del Valle Imperial ofrece un diploma/título (Associate in Degree), de la preparatoria a un recinto de estudios de dos años y más. Estas opciones también son muy flexibles, con una variedad de horarios.

2. Colegio Extendido

El programa del Colegio Extendido ofrece a los residentes del Condado Imperial acceso conveniente y práctico a los cursos del Colegio. Estos cursos ofrecen a través de la comunidad en el Condado Imperial acceso a los cursos que no se encuentran en su localidad. La flexibilidad del programa es de media jornada. El estudiante extiende también con personal administrativo y otros asesores académicos.

Programa de Asistencia Financiera

Las oficinas de Asistencia Financiera ofrecen una amplia variedad de programas de ayuda para estudiantes que necesiten fondos para sus estudios. Estos programas incluyen becas, subvenciones y programas de ayuda federal. La universidad ofrece ayuda financiera a estudiantes de bajos recursos económicamente. Los estudiante debe cumplir con los requisitos de un programa de estudio organizado de dos años. Las becas y subvenciones se otorgan a estudiantes que cumplan con los requisitos de la universidad.

La universidad tiene la convicción de que cualquier estudiante que tiene la capacidad de beneficiarse de una educación no se lo 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 estado, el gobierno federal, grupos civicos y comunidades. Si desea más información sobre asistencia financiera favor de comunicarse con la Oficina de Asistencia Financiera ubicada en el Centro de Asesoramiento.
El Colegio Imperial del Valle no evalúa registros de calificaciones de estudiantes que no se inscribieron en el Colegio Imperial para que se registren de calificaciones evaluados por el Departamento de Educación de California para la validación de sus calificaciones. El Colegio Imperial no evalúa registros de calificaciones de estudiantes que no se inscribieron en el Colegio Imperial para que se registren de calificaciones evaluados por el Departamento de Educación de California para la validación de sus calificaciones.
La Fecha de Determinación de Residencia tendrá que ser el mismo día que preceda al primer día de clases ya sea en el semestre o al terminar las clases de verano.

La política de residencia requiere que el estudiante radique físicamente en California con el propósito de establecer residencia permanente. Para determinar el lugar de residencia del estudiante, se hace referencia a lo siguiente:

1. Cualquier persona que esté casada de 18 años de edad o mayor, y sin antecedente imposibilidad legal para esta borrar residencia.
2. Sólo puede admitirse un lugar de residencia.
3. La residencia puede cambiarse por medio de un acto de unión o intercambio.
4. La residencia de un padre con un cónyuge menor no casado vive se considera la residencia del menor simple. Cuando el menor no vive con ninguno de los dos padres, se considera el último lugar de residencia en el cual el joven tuvo con sus padres. El joven puede establecer su propia residencia cuando los padres han fallecido y no se asigna a algún tutor legal.
5. El menor no podrá cambiar su residencia sólo si sus padres están vivos, o por un oficial 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 el cambio si se sospecha que hay "residencia" o "investigación de residencia".

Mensajes 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 la clase.

Mensajes que se mantengan a sí mismos y hayan vivido en California en un año antes del semestre, se les permitirá la clasificación de residencia.

El estudiante que aún no es adulto por más de un año antes de la fecha de determinación de residencia, puede conseguir el tiempo de residencia. Si el estudiante ha vivido en California antes del año, se le permitirá la clasificación de residencia.

A partir del 1ro de Enero de 1995, todo estudiante que sea miembro de la fuerza militar de los Estados Unidos asignado al estado de California para fines de servicio militar, excepto aquellos que fueran asignados al estado de California con el propósito de obtener una educación, a personas no se obligará a pagar las tasas de no-residente, el estudiante debe estar en activo militar en la fecha de determinación de residencia. Los dependientes de un militar de fuerzas militar no se les asignará la excepción de las tasas de no-residente. Un dependiente de un no-residente de la fuerza militar tiene derecho a un año de excepción "hasta que sea en edad para ser admitido al tiempo máximo necesario para establecer residencia permanente.

Restricción de Inscripción

Un programa de estudios normal de 18 a 19 unidades. Por lo menos se tendran que tomar de 15 a 16 unidades para poder graduarse en un período de dos años o cuatro semestres.

Un programa de estudios normal durante el verano equivalen a (6) unidades.
Una indicación de Incompleta (I), que no se terminó al finalizar las seis semanas del semestre, se convertirá automáticamente en Incompleta. La calificación que se le dé para obtener el promedio de las calificaciones. El símbolo "IP" es usado solamente cuando el término de algún curso está más allá de lo de un término académico normal. La calificación será asignada al término la clase.

2. Grado de Crédito Solamente (Credit Grade)
Ciertos cursos designados por la división apropiada pueden tomarse para obtener calificación de crédito solamente. Los estudiantes que deseen la calificación de "C" deberán notificarse al maestro dentro de la sexta semana del semestre:

- La calificación de "C" refleja una calificación de "B" o más alto.
- La calificación de "NC" indica la clase incompleta.
- Calificaciones de "CR" se permiten en la especialización del estudiante en el Colegio del Valle Imperial con la autorización del departamento.
- Los estudiantes que soliciten una calificación de "CR" deberán apoyarse al mismo criterio y reglas del estudiante que obtuvo el "NC".
- Un máximo de 16 unidades pueden tomar como "CR" y pueden ser válidos para el título.
- Una calificación de "CR" anula el requisito que se debe tomar de actualizar para la secuencia de una clase.

3. Dejar Una Clase (Withdrawal Grade)
Un estudiante puede dejar cualquier clase de tiempo completo en el Colegio, con una calificación de "W" al finalizar la semana número 14 o menos del 75% del semestre, por medio de llenar y entregar una forma de abandonar 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 recibirá una calificación. Cualquier instructor puede dar de baja a un estudiante una clase durante las primeras 14 semanas o menos del 75% del semestre, por fallos excesivos a clase o por razones de disciplina. Se asignarán las siguientes calificaciones por dejar una clase de acuerdo a la siguiente lista:

- Primer 75% de la clase Calificación de "W" Última 25% de la clase Otra calificación en lugar de "W" Todas las calificaciones de "W" son oficialmente procesadas por la Oficina de Inscripción. El maestro puede entregar formas de abandonar de clase con o sin la firma del estudiante durante las primeras 14 semanas o menos del 75% del semestre. Durante las primeras 14 semanas o menos del 75% del semestre, los estudiantes tendrán la oportunidad de entregar formas de abandonar de clases. Si el estudiante entrega una forma de abandonar de clases, el estudiante ha terminado el curso por medio del proceso de Petición. Las calificaciones que se obtengan de clases repetidas no se considerarán para el promedio de calificaciones previamente obtenidas.

- Promo de calificaciones: (Grade Points)
Ponse 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

6. Promedio de Calificaciones (Grade Points)
Promedio 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

7. Creditos por Medio de Toman un Examen (Credit by Examination)
Un estudiante inscrito puede hacer petición para tomar un examen en lugar de tomar la clase entre la sexta y décima cuarta semanas de cada semestre. Un máximo de 25 unidades se pueden utilizar para graduación utilizando este proceso. No se otorgan créditos más de 15 unidades por semestre. El costo por tomar cada examen será de $20.00 dólares por unidad más $10.00 dólares de costos administrativos. La forma de petición para créditos por medio de un examen puede obtenerse en la Oficina de Incripción.

8. Creditos por Medio de Toman un Examen de UBANZON Avanzada (Advanced Placement Examinations)
El estudiante inscrito puede hacer petición para tomar un examen en lugar de tomar la clase entre la sexta y décima cuarta semanas de cada semestre. Un máximo de 25 unidades se pueden utilizar para graduación utilizando este proceso. No se otorgan créditos más de 15 unidades por semestre. El costo por tomar cada examen será de $20.00 dólares por unidad más $10.00 dólares de costos administrativos. La forma de petición para créditos por medio de un examen puede obtenerse en la Oficina de Incripción.

9. Creditos Otorgados por medio de Programas y Cursos de Occupational Regional
Políticas El Colegio del Valle Imperial otorga crédito por el título (A.A. o A.S.) a estudiantes que terminen exituosamente examenes del "Advanced Placement Program of The College Board". A estudiantes que presenten calificaciones de 3 puntos o mejor el colegio les otorgará crédito. Estudiantes de preparatoria (High School) que planeen participar en este programa deberán hacer los arreglos necesarios con sus escuelas, y deberán hacer la calificación. Para tomar el examen deben dar la prueba y el momento que tomen el examen que deseen que sus calificaciones sean enviadas al Colegio del Valle Imperial. Para obtener crédito y ubicación avanzada, el estudiante debe comunicarse a la Oficina de Inscripción o consultar a un asesor académico en el Colegio del Valle Imperial.

10. UBENZON Avanzada en el Programa de Educacion
(Para ver la sección en inglés para descripciones completas) El estudiante que ha tomado clases de enfermería puede ser elegible para inscripción de preferencia en el programa de estudios de enfermería. Puede evaluar materias de enfermería en el curso tomado durante los pasados cinco años. La clase es educación general serán evaluadas individualmente. La evaluación se realizará a solicitud del estudiante que ha tomado el curso. El estudiante será analizado individualmente por el personal del Departamento de Enfermería. Para obtener más detalles, comuníquese con el Departamento de Enfermería.

11. Creditos Otorgados a Militares
- Al presentar la forma EDP214 (mínimo de 180 días de participación activa que incluye entrenamiento básico) el Representante Asistente de Veano del Ejército, el veterano 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.
- Se considerará crédito adicional por medio de una petición y documentación apropiada.
- El total de créditos militares no tendrá que exceder 16 unidades.

12. Creditos Obtenidos en Cursos Universitarios
- Créditos obtenidos en cursos universitarios no podrá usar se para obtener un título (A.A. o A.S.). La única excepción es si el curso universitario se ofrece a nivel de colegio confederado.

13. Renovación Académica (Academic Renewal)
Esta es una política que excluye calificaciones bajas sin el estudiante que es obligatorio que incluye Renovación Académica después de un período de cinco años y después de haber cursado 12 unidades con un promedio de 2.0 o más alto.

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 tomó menos los créditos es equivalente a 14, el promedio es de 2.0.
Falta la honradez como por ejemplo, las siguientes:

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Calificaciones para el Semestre

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

TRAMPA O PLAGIO

En caso de que a un estudiante se le descubra haciendo trampa o plagando el estudiante puede recibir un grado de "F" para ese curso.

CONDUCTA DEL ESTUDIANTE

Se entiende de antemano que una vez que ingresa el estudiante al colegio está enterado de los Reglamentos de Conducta para los Estudiantes.

Normas de Conducta Estudiantil

El propósito del Colegio del Valle Imperial es el de proporcionar a los estudiantes de esta comunidad con programas de instrucción de educación universitaria. El Colegio se esfuerza en cultivar sabiduría, la búsqueda a la verdad, y la expansión, de ideas. Investigación gratuita y la libertad de expresión son indispensables para alcanzar estas metas. Como miembros de la comunidad del Colegio, los estudiantes son aconsejados a desarrollar la capacidad de opinar críticamente y de emplear una búsqueda basada en la honestidad. Los estudiantes del Colegio del Valle Imperial pueden contar justamente con el profesorado y la expensión. La libertad es indivisible y que se utiliza para

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Periódico de Prohibición de Agravio en Asuntos de Impartialidad

Procedimientos para Una Audiencia

Al final de cada semestre, cualquier estudiante que se halla inscrito en 12 unidades o más y que ha obtenido calificaciones en Ws, Fy NCS en el 50 porciento o más de esas unidades, será puesto bajo prueba por falta de progreso (Lack-of-progress-probation). Un estudiante que esté bajo prueba por falta de progreso, no será removido de esa prueba hasta que el porcentaje de unidades en Ws, Fy NCS que ya terminadas sean de un 50 porciento o más de la inscripción registrada del estudiante. Sesión de verano no cambia la prueba escolástica.

Estado Provisional

Un estudiante nuevo que esta inscrito en más de seis unidades y que esté en una de las siguientes categorías será admitido bajo estado provisional:

1. El promedio de calificaciones en la preparatoria (High School) fue más de un 2.0, se excluye solamente educación física y gimnasia.

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

El estudiante en estado provisional tendrá que planear con un asesor académico un programa de estudios al nivel de su habilidad. Es recomendable que el estudiante tenga conferencias periódicas con el asesor para adaptar regularizar su programa de estudios de acuerdo a su aptitud y logro académico.

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

Peticiones y Procesos de Audiencias

El estudiante que no se arriesga a que esté asistiendo al colegio tiene el deber de buscar y recibir respuestas a cualquier problema relacionado a su programa de estudios de acuerdo con la filosofía educativa del Departamento de Educación 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.

Procedimientos para Hacer una Petición

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

Proceso para Una Audiencia

Hay tres decisiones establecidas de las cuales se requiere que un estudiante u organización siga reglas establecidas para pedir una audiencia. Estos son:

1. Reglamentos de la Conducta del Estudiante

2. Acceso a los Archivos de los Estudiantes y Procedimientos de Demanda

3. Fórmula de Procedimiento de Agravio en Asuntos de Impartialidad

Expulsión Académica

Este es un sistema de interrupción forzosa de asistencia al colegio en caso que el estudiante no se programe de progresar en programas académicos dentro de las recesas disponibles en el colegio.

Estudiantes son sujetos a los dos siguientes tipos de expulsión académica:

Expulsión Escolástica

La evaluación para Expulsión Escolástica ocurre a fines del semestre de curso al igual que el semestre de primavera cuando el estudiante ha sido previamente puesto bajo Prueba Escolástica, y tiene un promedio total de 1.7 por los últimos seis semestres consecutivos de inscripción. El estudiante será notificado por carta tan pronto sea posible después del semestre en el cual la evaluación de expulsión
CAMBIOS EN EL CATÁLOGO

CUADRO DE REQUISITOS DE GRADUACIÓN

ALUMNO DE PROFESION

Llevará los siguientes requisitos, los estudiantes del colegio recibirán el título de Asociado en Filosofía y Letras (A.A.) o en Filosofía y Letras (A.A.) asociado en Ciencias (A.S.), dependiendo de su área de especialización.

El estudiante debe estar en el cuarto año de la escuela de negocio, o en el cuarto año de la escuela de arte, o en el cuarto año de la escuela de educación, o en el cuarto año de la escuela de educación de la escuela de la Universidad de California. Debe completar la solicitud de la institución de su elección el más rápido posible. La solicitud se rechazará si se presenta después del 31 de diciembre de cada año.

Los requisitos de graduación son estipulados por el colegio y el estudiante. Los estudios preparatorios de cada estudiante imparten sus oportunidades, y contribuir a la formación de la ciudad del individuo.

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

CALIFICACIÓN POR CURSOS TOMADOS POR CORRESPONDENCIA Y CURSOS DE EXTENSIÓN

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 deben haber tomado en un colegio o universidad.
2. Estos cursos no deben ser asignados como preparatorios por parte del colegio o universidad.

Es responsabilidad del estudiante entender los compromisos necesarios de los requisitos antes mencionados.

CURRICULUM VOCACIONAL/OCUPACIONAL

El Estudiante del Colegio del Valle Imperial adquirirá los requisitos para transferencia y para la formación en la U.C. en el Colegio de la Universidad de California, Universidad de California, o colegios y universidades privadas deben de reunir los siguientes requisitos:

1. Tener los cursos apropiados que requier el colegio o universidad.
2. Tener los requisitos de cursos preparatorios en su especialización.

Estos requisitos varían según las instituciones de estudios superiores. La solicitud hará el currículum de la institución y la planificación para poder planear sus cursos de acuerdo a los requisitos de esa institución. Puede obtener más información en el Centro de Orientación.

Las clases transferibles a las Universidades Estatales de California a las Universidades Estatales de California están designadas en el currículum con CSU y UC después de la descripción del contenido de la clase. La solicitud se rechazará si se presenta después del 31 de diciembre de cada año.

Los requisitos de graduación son estipulados por el estado y el colegio. Los estudios preparatorios de cada estudiante son requeridos por el título de acuerdo a esta del currículum del estado.

Para obtener una lista de especializaciones y los requisitos necesarios para el título del A.A. o del A.S. consulte con un asesor académico.
CURSES DE INSTRUCCION

En la siguiente lista de cursos, el número de unidades se indica entre comillas 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 hace planes de estudio a largo plazo.

Los números de las clases seguidos por una secuencia AB indican que la clase se puede tomar más de una vez, y se cubrirá el mismo material, para así obtener destreza en la materia. Los números de clase que tienen secuencia de A o B con una descripción de curso diferente indican que nuevo material será presentado durante la clase.

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

El estudiante deberá comunicarse con su asesor para determinar cuáles clases aplican a su carrera.

PREREQUISITO, COREQUISITO, CONSULTAS EN LA PREPARACIÓN RECOMENDADA Y LIMITACIONES PARA INSCRIBIRSE

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

SESSION DE VERANO

El calendario de la sesión de verano y requisitos de admisión se pueden encontrar en el boletín de Clases de Verano el cual se publicará durante el semestre de primavera.

CALIFORNIA 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 participa en el sistema CAN. Por ejemplo CAN ECON 2 en un colegio será aceptado en otro colegio como CAN ECON 2.

Para obtener una lista de cursos designados como CAN consulte con su asesor académico.

IMPERIAL VALLEY COLLEGE GENERAL CATALOG 2003-2004

COURSES OF INSTRUCTION

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

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 program plans.

Course numbers followed by an AB sequence indicate that the course may be taken more than once, covering the same material, 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/her counselor to determine which courses are applicable to his/her educational objective.

PREREQUISITO, COREQUISITO, ADVIERTEN EN LA RECOMENDACIÓN Y LIMITACIONES PARA INSCRIBIRSE

The Imperial Community College District has adopted a policy in order to provide for the establishment, review and challenges of prerequisites, corequisites, advisories on recommended preparations, and certain limitations on enrollment in a manner consistent with law and good practice. The board recognizes that, if these prerequisites, corequisites, advisories, and limitations are established unnecessarily or inappropriately, they constitute unjustifiable obstacles to student access and success and, therefore, the board adopts this policy to foster caution and careful scrutiny in establishing them. Nonetheless, the board also recognizes that it is an important to have prerequisites in place where they are a vital factor in maintaining academic standards as it is to avoid establishing prerequisites where they are not needed. For these reasons, the board has sought to establish a policy that fosters the appropriate balance between these two concerns. (See Board Resolution 10665 for the complete policy)

Definitions:

Prerequisite means a condition of enrollment that a student is required to meet in order to determine current status of enrollment in a course or educational program. Courses used to satisfy a prerequisite must be completed with a grade of "C" or better.

Corequisite means a condition of enrollment consisting of a course that a student is required to simultaneously take in order to enroll in another course.

Advisory or Recommended Preparation means a condition of enrollment that a student is advised, but not required, to meet before or in conjunction with a course in an educational program.

Limitations on Enrollment means a condition of enrollment which may include the following:

a. Auditions or tryouts for courses which include public performance and intercollegiate competition, such as a band, orchestra, theater, competitive speech, chorus, journalism, dance, and intercollegiate athletics.

b. Demonstrations of skill or knowledge for enrollment in an honors course or as a prerequisite to a course.

c. The creation of blocks of 2 or more courses in which enrollment is limited in order to create a cohort of students.

Imperial Valley College does not establish prerequisites in communication or computational skills that apply to all courses across the curriculum. Basic skills prerequisites and corequisites are offered in sufficient number to accommodate students or the requirement is waived. Any prerequisite may be challenged by a student using the following process:

CHALLENGE PROCESS

Any student who does not meet the prerequisite or corequisite or who is not permitted to enroll in a class due to a limitation on enrollment, may file a student petition to challenge the requirements. The grounds for challenge as specified in Section 55210 (d) of Title 5 include the following:

1. The prerequisite or corequisite has not been established in accordance with the district policy.

2. The prerequisite or corequisite is in violation of Title 5.

3. The prerequisite or corequisite is either unlawfully discriminatory or is being applied in an unlawfully discriminatory manner.

4. The student has the knowledge or ability to succeed in the course or program despite not meeting the prerequisite or corequisite.

5. The student will be subject to undue delay in attaining the goal of his or her educational plans because the prerequisite or corequisite has not been made reasonably available.

The student has the obligation to provide satisfactory evidence that the challenge should be upheld. Where facts essential to a determination of whether the student's challenge should be upheld are, or ought to be, in the college's own records, then the college has the obligation to produce that information.

Students who wish to challenge a prerequisite or corequisite or any limitation on enrollment should:

1. Submit a student petition which spells out the grounds for challenge along with any evidence in support of the challenge, to the appropriate Division Chairperson. The student shall be allowed to remain in class or, if the student is not enrolled in the class but space is available at the time the challenge is filed, the college shall reserve a seat for the student until the challenge is resolved.

2. The Division Chairperson will review the petition and resolve the challenge in no more than 5 working days. If the challenge is upheld or, if the college fails to resolve the challenge within the 5-day period, the student will be allowed to remain in class. If no space was available in the course when the challenge was filed, the student shall be permitted to enroll for the subsequent term.

3. If the challenge is denied by the Division Chairperson, the student may appeal that decision to the Petitions Committee.

4. Upon resolution of the challenge, the Division Chairperson shall forward the student petition and all attachments to the Dean of Admissions for institutional approval and filing in the student's permanent record.

Unless specifically exempted by statute, every course, course section or class, the average daily attendance of which is to be reported for state aid, whenever 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 prerequisite, as may be established pursuant to Chapter 6, Division 2, Part VI, Title 5 of the California Administrative Code commencing with Section 51820 (Board of Trustees Resolution No. 10665).

SUMMER SESSION

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, bipher division, introductory (preparatory) courses commonly used 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 campus will be accepted for CAN ECON 2 on another participating campus.

The following courses at Imperial Valley College have been designated as CAN courses:

CAN COURSE

CAN AG 12
CAN AG 14
CAN AG 17
CAN ANTH 2
CAN ART 2
CAN ART 4
CAN ART SEQ A
CAN ART 6
CAN ART 8
CAN ART 10
CAN ART 14
CAN ART 16
CAN BIOL 10
CAN BIOL 20
CAN BIOL 14
CAN BUS 2
CAN BUS 4
CAN BUS SEQ A
CAN BUS 8
CAN BUS 13
CAN CHEM 2
CAN CHEM 4
CAN CHEM 6
CAN CHEM 12

YVC COURSE

AG 21
AG 60
AJ 21
ANTH 1
ANTH 2
ART 3A
ART 3B
ART 3A & 3B
ART 23A
ART 20A
ART 21A
ART 22A
ART 22B
ANAT 8
PHYS 1
BIOL 21
BUS 1A
BUS 1B
BUS 1A & 1B
BUS 5
CHEM 1A
CHEM 1B
CHEM 5

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AJ 25 (3) LEGAL ASPECTS OF EVIDENCE
3 Hrs. Lec. Recommended Preparation: AJ 21; completion of ENGL 2B and ENGL 12B with a grade of "C" or better. Origin, development, philosophy and constitutional basis of evidence; constitutional and procedural considerations affecting arrest, search and seizure; kinds and degrees of evidence and rules governing admissibility; judicial decisions interpreting individual rights and case studies. (CSU)

AJ 26 (3) PRINCIPLES AND PROCEDURES OF THE JUSTICE SYSTEM
3 Hrs. Lec. Recommended Preparation: Completion of ENGL 2B and ENGL 12B with a grade of "C" or better. An in-depth study of the role and responsibilities of each segment within the administration of the justice system: law enforcement; judicial; corrections. A past, present and future exposure to each sub-system procedure, from initial entry to final disposition, and the relationship each segment maintains with its system partner. (CSU)

AJ 28 (3) POLICE COMMUNITY RELATIONS
3 Hrs. Lec. Recommended Preparation: Completion of ENGL 2B and ENGL 12B with a grade of "C" or better. Techniques of handling juvenile offenders and victims, prevention and repression of delinquency, diagnosis and referral, organization of community resources, juvenile law and juvenile procedure. (CSU)

AJ 30 (3) WILDLIFE LAW ENFORCEMENT
3 Hrs. Lec. Recommended Preparation: Completion of ENGL 2B and ENGL 12B with a grade of "C" or better. Techniques of handling wildlife offenders and victims, prevention and repression of animal delinquency, diagnosis and referral, organization of community resources, wildlife and animal procedure. (CSU)

AJ 39 (2) REPORT WRITING
3 Hrs. Lec. Recommended Preparation: Completion of ENGL 2B and ENGL 12B with a grade of "C" or better. Introductory report writing class designed for both Administration of Justice and Correctional Science students. The course will provide instruction in organizing, preparing and compiling various reports. Students will practice interviewing, note taking and report writing techniques for communicating facts, information and ideas effectively in a simple, clear and objective manner, for use in the criminal justice system. (Same as CSI 22) (CSU)

AJ 40 (3-5) ADVANCED OFFICER COURSE
1 Hr. Lec. Complaint: Current employment as a law enforcement officer. This course is designed to permit law enforcement personnel to be trained in/or study relevant topics within the field of Administration of Justice. (May be repeated for additional credit with new content) (CSU)
RESERVE OFFICER PROGRAM

Imperial Valley College offers a Level III and Level II extended Reserve Peace Officer program. The courses satisfy the training standards set forth by the California Commission on Peace Officer Standards and Training (P.O.S.T.)

Reserve Officer Level III — Upon successful completion the student is eligible to be hired by a law enforcement agency to perform specified limited support duties; traffic control, security at parades and sporting events, report writing, evidence transportation, parking enforcement and other duties that are not likely to result in physical arrest. May transport prisoners without immediate supervision.

Reserve Officer Level II — Upon successful completion the student is eligible to be hired for general law enforcement duties, and will work under the immediate supervision of a peace officer who has completed the P.O.S.T. Regular Basic Course. The Level II Reserve Officer also perform limited support duties authorized for Level III officers without immediate supervision.

Admission to the Program — The program is sequential and AJ 41, on completion of which, the student is required to enter into Level III. AJ 43. Students entering the program must be at least 18 years old, be a U.S. citizen or have applied for U.S. citizenship, have no felony or domestic violence convictions, have a recent background in justice fingerprint clearance, and be in good physical and mental health.

An application, oral interview and physical fitness test are part of the criteria. P.O.S.T. mandated exams must be successfully completed.

ENGL 2A is required for AJ 41, Level III, and AJ 44, Level II.

Progression Policies — After successful completion of Reserve Officer Level I the student may take Reserve Officer Level II. The student must complete each level with a grade of “C” or better to receive certification and/or continue to the next level. If the student is unsuccessful the second time, he/she must meet with the P.O.S.T. Program coordinator who will evaluate the student’s academic situation and vocational goals with the student, and develop a plan best suited for the student.

All Reserve Officer classes require some Saturday meetings. Students are expected to schedule them according to their attendance and grades are strictly monitored.

AJ 42 (2) ARREST 3 Hrs. LeC
Prerequisites as required by P.O.S.T.: No felony or domestic violence convictions. Recommended Preparation: Completion of ENGL 28 and ENGL 128 with a grade of “C” or better. Designed to satisfy training standards set forth by the Commission on Peace Officers Standards and Training (P.O.S.T.). Includes legal, patrol, arrest, control, use of force, investigative report writing, cultural diversity, firearms, de-escalation, and chemical agents, presentation of evidence, etc. and required state exams. Supply fee may be charged. Designed to prepare the student to be hired by a law enforcement agency as a Level II Reserve Officer. (Nontransferable, AA/AS degree only)

AJ 43 (3.5) RESERVE OFFICER LEVEL III 7 Hrs. LeC
Prerequisites as required by P.O.S.T.: Current 832 certificate, AJ 41, no felony or domestic violence convictions, valid California driver’s license, and ability to successfully participate in physical requirements of course. Recommended Preparation: Completion of ENGL 28 and ENGL 128 with a grade of “C” or better. Designed to satisfy Reserve Officer Level III training standards as set forth by the Commission on Peace Officers Standards and Training (P.O.S.T.). Includes professionalism, law, communication, vehicle operations, prisoner and evidence transportation, report writing, parking enforcement, First aid/CPR, force and weaponry, traffic control, physical fitness and defensive tactics. Supply fee may be charged. Designed to prepare student to be hired by a law enforcement agency as Reserve Officer, Level III. (Nontransferable, AA/AS degree only)

AJ 44 (3.5) RESERVE OFFICER LEVEL II 13.5 Hrs. LeC
Prerequisites: Current 832 Certificate as required by POST, AJ 41, and AJ 43 as required by P.O.S.T. no felony or domestic violence convictions. Valid California driver’s license. Ability to successfully participate in physical requirements of course.
Recommended Preparation: PE 1BAD or PE 25; completion of ENGL 28 and ENGL 128 with a grade of “C” or better.

Designed to satisfy Reserve Officer Level II, Module B, training standards as set forth by the Commission on Peace Officer Standards and Training (P.O.S.T.). Includes law, patrol, arrest, control, use of force, investigative report writing, cultural diversity, firearms, de-escalation, and chemical agents, presentation of evidence, etc. and required state exams. Supply fee may be charged. Designed to prepare the student to be hired by a law enforcement agency as a Level II Reserve Officer. (Nontransferable, AA/AS degree only)

AJ 51 (2) SECURITY GUARD (ARREST) 5 Hrs. LeC
The purpose of this course is to assist the student in understanding the roles and responsibilities of a security guard. It is designed to satisfy the guidelines described by the California Department of Consumer Affairs “Power to Arrest Training Manual.” (Nontransferable, AA/AS degree only)

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Agricultural Engineering Technology

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, hydrodynamic drives, differentials, and drive trains used in both wheel and track type equipment. (CSU)

AGET 97 (3) SMALL CAR ENGINES 2 Hrs. LeC. 2 Hrs. Lab.
The theory, design, construction, and mechanical function of the small gasoline engine, including tune-up and major repair of the electrical and mechanical systems. (Same as AUTO T59) (CSU)

AGET 75 (3) BASIC SHOP SKILLS 3 Hrs. LeC.
This is a comprehensive course in tool usage, nomenclature, and terminology of tools and equipment for the beginning student in the technologies. The course is for the student who has not developed a background in industrial technology, as well as for the bilingual student who wants to improve his/her technical vocabulary. (Same as AUTO T57W) (Nontransferable, AA/AS degree only)

AGC 1 (1) AGRICULTURE LITERACY 1 Hr. LeC.
This course will present a broad overview of agriculture. It will include agricultural terminology and practices from initial production of agricultural products through consumption. Worldwide, national, state, and local agricultural practices will be discussed. The goal is to familiarize students and members of the community who have no knowledge of agriculture with basic agriculture information that will help them in the workplace. (Nontransferable/no degree applicable)

AGC 8 (3) MAN AND HIS ENVIRONMENT 3 Hrs. LeC.
This course is designed to provide students with an overview and understanding of the human environmental roles of agriculture and the natural environment. The class will focus on basic concepts of science and ecosystem theory, human impacts on the air, water, and land, environmental problems faced by the Imperial Valley that have regional and global consequences, and some of the proposed solutions. (Same as ENV 5S) (CSU, UC)

AGC 14 (3) ENTOMOLOGY 3 Hrs. LeC. 2 Hrs. Lab.
This course covers basic information on the classification, anatomy and physiology, life cycles, and control of insects with emphasis on those of importance to agriculture. Collection and labeling of insects will be required. (CSU, UC)

AGC 15 (1) PESTICIDE SAFETY 1 Hr. LeC.
Pesticide safety training for employees who handle and use chemical pesticides. (Nontransferable, AA/AS degree only)

AGC 23 (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 25 (3) AG BUSINESS MANAGEMENT 3 Hrs. LeC.
Recommended Preparation: BUS 2. A study of management theories and processes as they apply in the contemporary business world. The course is based on the application of the four functions of management planning, organizing, leading, and controlling in the effective achievement of organizational objectives. Management activities are practiced in organizational situations using case studies, simulations, and class projects. (Same as BUS 3) (CSU)

AG 26 (3) AGRICULTURAL BUSINESS ORGANIZATION AND MANAGEMENT 3 Hrs. LeC.
Recommended Preparation: AG 25. Study of farm technological advances, market structure, consumer demand and other such factors as determinants of growth, types, and forms of agricultural business organization. Farm business operations are considered from a standpoint of primary functions, services and problems including investments, mortgage and working capital requirements, collections, business failures and reorganization. Emphasis on California farm-related industries. (CSU)

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, promotions, 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 application programs 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 32 (3) IRRIGATION AND DRAINAGE 3 Hrs. LeC.
Recommended Preparation: AG 40. This course covers the fundamental principles and practices of irrigation. Parks, soil-water relationships, soil water measurement, history of irrigation with emphasis on the Imperial Valley, water law, methods of irrigation and their relative efficiencies, measurement of water, irrigation structures, crop requirements, estimating water use by crops, problems and practices in soil reclamation, drainage systems and drainage requirements for irrigated agriculture will be discussed. (CSU)
I. INTRODUCTION

Fertilizers (CSU, UC) Management practices of crop production worldwide. The primary focus of the training is on integrating pest management with crop disease and weed control. This course covers the classification, life cycles, characteristics, and management of weeds with emphasis on consumer needs, along with the major focus of California. It looks at chemicals and equipment as well as cultural, mechanical, and biological control methods used in managing weeds in cultivated land, in irrigation ditches, on the road, and on wasteland. Poisonous weeds, their effects and prevention are discussed (CSU).

ALCOHOL AND DRUG STUDIES

1. ALCOHOLISM: INTERVENTION, TREATMENT AND RECOVERY

2. CURRENT ISSUES IN DRUG ABUSE

3. ALCOHOL AND DRUG PREVENTION AND EDUCATION

4. INTERPRETING AMERICAN Sign LANGUAGE 1

5. AMERICAN Sign LANGUAGE 1

6. AMERICAN Sign LANGUAGE 2

7. AMERICAN Sign LANGUAGE 3

8. AMERICAN Sign LANGUAGE 4

9. AMERICAN Sign LANGUAGE 5

10. AMERICAN Sign LANGUAGE 6

11. AMERICAN Sign LANGUAGE 7

12. AMERICAN Sign LANGUAGE 8

13. AMERICAN Sign LANGUAGE 9

14. AMERICAN Sign LANGUAGE 10

15. AMERICAN Sign LANGUAGE 11

16. AMERICAN Sign LANGUAGE 12

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34. AMERICAN Sign LANGUAGE 30

35. AMERICAN Sign LANGUAGE 31

36. AMERICAN Sign LANGUAGE 32

37. AMERICAN Sign LANGUAGE 33

38. AMERICAN Sign LANGUAGE 34

39. AMERICAN Sign LANGUAGE 35

40. AMERICAN Sign LANGUAGE 36

41. AMERICAN Sign LANGUAGE 37

42. AMERICAN Sign LANGUAGE 38

43. AMERICAN Sign LANGUAGE 39

44. AMERICAN Sign LANGUAGE 40

45. AMERICAN Sign LANGUAGE 41

46. AMERICAN Sign LANGUAGE 42

47. AMERICAN Sign LANGUAGE 43

48. AMERICAN Sign LANGUAGE 44

49. AMERICAN Sign LANGUAGE 45

50. AMERICAN Sign LANGUAGE 46

51. AMERICAN Sign LANGUAGE 47

52. AMERICAN Sign LANGUAGE 48

53. AMERICAN Sign LANGUAGE 49

54. AMERICAN Sign LANGUAGE 50

55. AMERICAN Sign LANGUAGE 51

56. AMERICAN Sign LANGUAGE 52
Examines types of social organizations and economic systems, religions and arts. (CSU, UC)

ANTH 2A (3) INTRODUCTION TO ANTHROPOLOGICAL SITE SURVEYING 2 Hrs. Lee. 2 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)

ANTH 3B (3) INTRODUCTION TO ANTHROPOLOGICAL EXCAVATIONS 2 Hrs. Lee. 2 Hrs. Lab. Recommended Preparation: ANTH 3A & ANTH 3C. Determine a site to be excavated; laws pertaining to excavations; laying out a site with grid and rod; testing; pit versus trench excavations; stratigraphy; record keeping; screening and collecting; photography; preparation of laboratory and museum materials; soils, soils, and C 14 tests. (CSU)

ANTH 3C (3) ADVANCED ARCHAEOLOGICAL SURVEY 2 Hrs. Lee. 2 Hrs. Lab. Recommended Preparation: ANTH 3A. Conduct independent surveys, or lead small survey crew; device museum designs; write reports from field notes, maps, photographs and prior records; conduct record and literature searches and catalogue specimens. (CSU)

ANTH 3D (3) ADVANCED ARCHAEOLOGICAL EXCAVATIONS 2 Hrs. Lee. 2 Hrs. Lab. Recommended Preparation: ANTH 3B. Design a field excavation project; select proper equipment; organize a field crew; conduct record and library searches; microphotographing the project area; pit or trench techniques; conduct the dig; screening, selecting and bagging artifacts, and nature of soils. Laboratory analysis and cataloguing; photography; dating; report writing included. (CSU)

ANTH 4A (4) CALIFORNIA INDIANS 3 Hrs. Lee. The geography of California; tribal and linguistic regions; Native economic and diverse economic areas; Sacramento and San Joaquin Valleys; the Delta; transverse ranges; foothill country; coastal Range, Peninsular Ranges, and Sierras Nevada; the deserts; Influence of environment on cultural developments; influences of Western civilization on the Native life. (CSU, UC)

ANTH 4B (3) INDIANS OF NORTH AMERICA 3 Hrs. Lee. Early migration across Beringia to the New World; demographic and ecology of the American Indian cultures in Alaska, Canada and the United States, Effect of European contact; reactionary movements today. (CSU)

ANTH 5 (3) PHYSICAL ANTHROPOLOGY 3 Hrs. 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)

ANTH 5 (3) CULTURAL ANTHROPOLOGY 3 Hrs. Lee. A study of culture and its relationships to biology and to natural environment. Stress the origin and evolution of culture, and the part that culture assumed in human biological maintenance.
ART 23B (3) DESIGN 2 Hrs. Lec. 3 Hrs. Lab. Intermediate studio elements and principles of art with emphasis on three-dimensional design theory. (CSU, UC)

ART 33A (3) CERAMICS 2 Hrs. Lec. 4 Hrs. Lab. A introduction to ceramics; basic methods of forming, decorating, glazing and firing. (CSU, UC)

ART 23B (3) CERAMICS 2 Hrs. Lec. 4 Hrs. Lab. A continuation of ART 23A with emphasis on the potter’s wheel. (CSU, UC)

ART 23C (3) CERAMICS 2 Hrs. Lec. 4 Hrs. Lab. A continuation of ART 23B with special emphasis on glaze formulating and decorating techniques. (CSU, UC)

ART 25A (3) LIFE DRAWING 1 Hr. Lec. 5 Hrs. Lab. 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)

ART 25B (3) LIFE DRAWING 6 Hrs. Lab. A continuation of ART 25A. ART 25B includes exploration of painting techniques using varied media. (CSU, UC)

ART 26B (3) LIFE DRAWING 2 Hrs. Lec. 5 Hrs. Lab. A continuation of ART 25B with a focus on developing a personal figure style in drawing. (CSU, UC)

ART 26D (3) CIRCULATING 1 Hr. Lec. 5 Hrs. Lab. A continuation of ART 26C with a focus on developing a personal figure style in drawing. (CSU, UC)

ART 28 (3) TECHNICAL CERAMICS 2 Hrs. Lec. 3 Hrs. Lab. A study of the raw materials used in compounding clay bodies and glazes. Specific problems of glaze calculations and techniques of glaze application. (CSU, UC)

ART 30A (3) BEGINNING SCULPTURE 2 Hrs. Lec. 4 Hrs. Lab. 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, woods, plastic and metal. (CSU, UC)

ART 30B (3) INTERMEDIATE SCULPTURE 2 Hrs. Lec. 4 Hrs. Lab. Expansion of ART 30A with emphasis on discovering the medium that best relates to the students' individual expression. (CSU, UC)

ART 33ABC (3-3-3-3) GALLERY DISPLAY 1 Hr. Lec. 4 Hrs. Lab. Theories, techniques and practices of art gallery exhibiting including exhibition in case and exhibition from beginning to end; methods of locating shows, booking shows, communicating with artists, unpacking and returning exhibitions. (CSU, UC)

ART 49 (3) EXPLORATION OF PAINTING TECHNIQUES 1 Hr. Lec. 2 Hrs. Lab. An exploratory course which provides opportunities to work with the various painting techniques. Basic painting assignments to develop individual application of techniques. Initial exercises in color usage and structure of the painting surface. Suggestion and evaluation of student work will take place on an individual basis. (CSU, UC)

ART 41 (3) ARTFUNDAMENTALS FOR EDUCATORS 4 Hrs. Lec. 1 Hr. Lab. The philosophical and practical concerns of teaching art to students. Designed for those already in the teaching profession as well as those who are planning a career in the teaching profession. (CSU, UC)

ART 42B (3) CAREER OPPORTUNITY IN THE VISUAL ARTS 2 Hrs. Lec. 3 Hrs. Lab. Recommended Preparation: Students should have completed two semesters from any one of the major disciplines within the art major (i.e. painting, drawing, photography, ceramics, design, sculpture). This is a course for the art majors, or those students who are planning on a career in the fine arts, graphic design, photography or other applied arts field. Students will prepare a written resume, a portfolio of their organizing creative work, research and prepare a marketing/exhibition plan for their creative work, approach a minimum of three ventures (galleries, museums, nonprofit art’s organization) with their portfolio package, and create an on-line web site portfolio of their work. It is recommended that students take this course during the last year of their art studies at IVC. (CSU, UC)

ART 59A (3) ADVERTISING/GRAPHIC DESIGN 3 Hrs. Lec. Visual communication in the fields of advertising and graphic design. The development of creative design solutions as related to the printed formats of ads, billboards, trademarks, newspaper covers and record covers. (CSU, UC)

ART 50B (3) ADVERTISING/GRAPHIC DESIGN 3 Hrs. Lab. Continuing studies in the theories, techniques and practices of visual communication. Emphasis on advanced techniques and preparations of art for television commercials, books, package design, annual reports and corporate identity programs. (CSU, UC)

ART 56C (3) ADVERTISING/GRAPHIC DESIGN 3 Hrs. Lec. Emphasis on advanced techniques and individualized studies relative to the preparation of a portfolio for use in admission to a university or professional school or in seeking employment. (CSU, UC)

ASTR 21 (3) PRINCIPLES OF ASTROPHYSICS 3 Hrs. Lab. Recommended Preparation: MATH 080 (formerly Math X). An introduction to the principles of astrophysics including physical evolution, tasks of the sun, the solar system, the stars, the galaxies, and the universe. (CSU, UC)

AUD 33 (3) INTRODUCTION TO AUDIOLOGY 3 Hrs. Lec. 1 Hr. Lab. This course includes an introduction to the science of hearing, fundamentals of acoustics as they apply to audiometric testing, basic anatomy and physiology of the hearing mechanism, pathologies causing impaired hearing, relationship of hearing to speech and language development, and familiarization with audiologic assessment and clinical procedures. (CSU, UC)

AUD 34 (3) AUDIOMETRY AND HEARING CONSERVATION 3 Hrs. Lec. 1 Hr. Lab. Recommended Preparation: DSPS 33. This course includes identification audiometry, preheared hearing screening, industrial audiology, role of the audiologist, audiometer and speech-hearing therapy in the total conservation of hearing program. (CSU, UC)

AUTO 70 (4) AUTOMOTIVE BODY AND PAINTING 4 Hrs. Lab. 2 Hrs. Lec. Recommended Preparation: WLD 31. The study of body repair and spot painting. Covers the use of modern tools and equipment and procedures for handling typical body paint jobs. (CSU)

AUTO 71 (5) ADVANCED AUTO BODY REPAIRING AND PAINTING 3 Hrs. Lec. 6 Hrs. Lab. Prerequisite: AUTO 70. Covers auto body repairing and repainting. Use of modern tools and equipment, step-by-step procedures for handling typical body paint jobs. (CSU)

AUTO 72 (5) AUTOMOTIVE BODY AND PAINTING 5 Hrs. Lec. 4 Hrs. Lab. Recommended Preparation: WLD 31. Covers major collision repair including extensive frame and body straightening and welding. Laboratory activities include body systems, repair, machining, and overhaul of vehicles. (CSU)

AUTO 74 (4) MANUAL TRANSMISSIONS AND POWER TRAINS 4 Hrs. Lec. 3 Hrs. Lab. Recommended Preparation: Current enrollment in MATH 070 (formerly Math 51) or equivalent. This course covers the principles and instruction in disassembly, inspection, installation and adjustments of the modern brake system. Laboratory activities include brake system diagnosis, repair, machining, and overhaul of vehicles. Recommended procedures and proper use of tools and equipment utilized in the industry. Upon successful completion of this course, students are prepared to take the Automotive Service Excellence (ASE) certification examination in manual transmission. (CSU)

AUTO 75A (3) AUTOMOTIVE TRANSMISSIONS 3 Hrs. Lec. 2 Hrs. Lab. Recommended Preparation: MATH 070 (formerly Math 51) or equivalent and AUTO 75A. This course covers the principles and construction of passenger vehicle and light truck steering, chassis, drivetrain, braking, and electrical systems. Recommended Preparation: AUTO 75A. This course includes an introduction to communication, Emphasis on advanced techniques and practices of art as they apply to audiovisual testing, basic anatomy and physiology of the hearing mechanism, pathologies causing impaired hearing, relationship of hearing to speech and language development, and familiarization with audiologic assessment and clinical procedures. (CSU, UC)

AUTO T 51 (4) ENGINE TECHNOLOGY 2 Hrs. Lec. 6 Hrs. Lab. Recommended Preparation: MATH 070 (formerly Math 51) or equivalent and AUTO T 53A. This course covers the principles and construction of passenger vehicle and light truck steering, chassis, drivetrain, braking, and electrical systems. Recommended Preparation: AUTO 75A. This course includes an introduction to communication, Emphasis on advanced techniques and practices of art as they apply to audiovisual testing, basic anatomy and physiology of the hearing mechanism, pathologies causing impaired hearing, relationship of hearing to speech and language development, and familiarization with audiologic assessment and clinical procedures. (CSU, UC)

AUTO T 53A (4) AUTOMOTIVE BRAKES 2 Hrs. Lec. 3 Hrs. Lab. Recommended Preparation: Current enrollment in MATH 070 (formerly Math 51) or equivalent and AUTO T 53A. This course covers the principles and construction of passenger vehicle and light truck steering, chassis, drivetrain, braking, and electrical systems. Recommended Preparation: AUTO 75A. This course includes an introduction to communication, Emphasis on advanced techniques and practices of art as they apply to audiovisual testing, basic anatomy and physiology of the hearing mechanism, pathologies causing impaired hearing, relationship of hearing to speech and language development, and familiarization with audiologic assessment and clinical procedures. (CSU, UC)

AUTO T 55 (4) SUSPENSION AND WHEEL ALIGNMENT 4 Hrs. Lec. 3 Hrs. Lab. Recommended Preparation: MATH 070 (formerly Math 51) or equivalent and AUTO T 53A. This course covers the principles and construction of passenger vehicle and light truck steering, chassis, drivetrain, braking, and electrical systems. Recommended Preparation: AUTO 75A. This course includes an introduction to communication, Emphasis on advanced techniques and practices of art as they apply to audiovisual testing, basic anatomy and physiology of the hearing mechanism, pathologies causing impaired hearing, relationship of hearing to speech and language development, and familiarization with audiologic assessment and clinical procedures. (CSU, UC)

AUTO T 56A (3) ENGINE PERFORMANCE I 2 Hrs. Lec. 3 Hrs. Lab. Recommended Preparation: AUTO 62 or passing of Automotive Service Excellence (ASE) electrical test or one year trade experience during the past five years. This course provides an introduction to the principles and hands-on experience in the operation, diagnosis, and repair of automotive fuel systems with carburetors, acetic and diesel fuel systems, and fuel injection systems. Students learn to use the four gas analyzers. (CSU)

AUTO T 56B (3) ENGINE PERFORMANCE II 2 Hrs. Lec. 3 Hrs. Lab. Recommended Preparation: AUTO 54A or one year in automotive trade with driveability experience. This course provides advanced operation and hands-on experience of electronic injection systems and their sub-assemblies. Students will learn operation and repairs of sensors and actuators and injection systems. This class emphasizes diagnostic tools and techniques using basic and sophisticated test equipment. (CSU)
AUTOMOTIVE ELECTRONICS
2 Hrs. 6 Le. 6 Hrs. Lab.
Prerequisite: AUTOM T 61B. Advanced study using four major
domestic and foreign automatic transmissions, with emphasis on
practical rebuilding of automatic transmissions, including locking
torque converters and 4-speed overdrive and front wheel drive
transmissions. Applied mathematics for advanced students who wish
to refine technical skills prior to obtaining employment in the
industry. (CSU)

BIOL 314 (PRINCIPLES OF BIOLOGICAL SCIENCE
3 Hrs. 3 Le. 3 Hrs. Lab.
A comprehensive one semester general biology course for non-
majors. Includes life from the molecular to the organismic level of
both plants and animals and their interactions within the
environment. Special emphasis is put on human biology within
appropriate areas of study. Appropriate for general education as
well as nursing, pre-professional, and higher level biology courses.
Includes laboratory component. (CSU) (UC credit limited. See a
counselor.)
BU 8 (3) BUSINESS RESOURCES MANAGEMENT 2 Hrs. Lec. 1 Hr. Lab.
This course describes the critical issues facing human resource management professionals now and in the future and how to effectively deal with them. The critical areas of human resource management are recruitment, interviewing, selection, training, and performance appraisal. The course will also address human resource management in small businesses. Required: BUS. 1 (3).

BUS 9 (3) PRACTICAL ACCOUNTING 3 Hrs. Lec. This basic course will teach students to journalize and post transactions common to a service type business and teach them the end of the fiscal period on the accrual basis (Nontransferable, AAAS degree only).

BUS 10 (3) BUSINESS RETAILING 3 Hrs. Lec. Principles and techniques of retailing, promotion and advertising pertinent to retail procedures and policies. Includes psychological approaches to retailing, consumer purchasing and the retail effect on society (Nontransferable . nondegree applicable).

BUS 11 (3) BUSINESS TRANSACTION PROCESSING 3 Hrs. Lec. This course will teach how to type business letters, memos, and reports. The student will be taught the mechanics of business forms, such as letterheads, invoices, purchase orders, etc. The mechanics of word processing will also be covered (Nontransferable, AAAS degree only).

BUS 12 (3) PERSONAL FINANCE 3 Hrs. Lec. This course will introduce students to the study of personal finance. Topics covered include budgeting, credit and insurance, housing, taxes, investments and financial planning. (Nontransferable, AAAS degree only).

BUS 13 (3) APPLIED BUSINESS LAW 3 Hrs. Lec. A one-semester course covering court and court procedure, contracts, sales contracts, bailments, negotiable instruments, agency and employment, partnerships, corporations, insurance and property, intellectual property rights, and variations on these topics (Nontransferable, AAAS degree only).

BUS 14 (3) PRACTICAL SALESMAHIPS 3 Hrs. Lec. A practical approach to the study of salesmanship. Topics covered include an overview of personal selling and classification of sales jobs, the sales environment, the sales personality, the sales process, and other subject areas important to sales work such as understanding the firm and building good customer relationships (Nontransferable, AAAS degree only).

BUS 15 (3) SMALL BUSINESS MANAGEMENT 3 Hrs. Lec. Course provides the basic tools and perspective necessary to understand small business management. It explores ways of entering small business; describes the process for starting a new business venture; explains the personal appraisal checklist for going into small business; explores market assessment, market research, site selection, and facility that affect business creation; describes small business planning, organizing, staffing, and controlling; and explains the basis of production management and quality control. (CSU)

BU 19 (3) PERSONAL DEVELOPMENT FOR EMPLOYMENT 3 Hrs. Lec. 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, Human Resources Management, Secretarial-Clerical, Accounting Bookkeeping, and Data Processing. This course will also cover the effective use of resume writing, interviewing techniques, interview follow-up, proper dress, and job-hunting procedures. (CSU)

BUS 26 (3) BEGINNING KEYBOARDING 2 Hrs. Lec. 3 Hrs. Lab. Designed to teach the fundamentals of spelling and knowledge of keyboarding. The student is introduced to the basic concepts of keyboarding procedures. (CSU)

BUS 23 (3) MATH CALCULATION 2 Hrs. Lec. 2 Hrs. Lab. Recommended Preparation: MATH 070 (formerly Math 51). Develop skills required for rapid and accurate operation of calculating machines. (CSU)

BUS 24 (3) ACCOUNTING 3 Hrs. Lec. Lecture and supervised and supervised group practical activities designed to acquaint students with principles of accounting and record keeping, including management rules, procedures and techniques. (CSU)

BUS 25AC (3-3-3) KEYBOARDING: SPEED AND ACCURACY 2 Hrs. Lec. 2 Hrs. Lab. Recommended Preparation: Ability to keyboard 20 wpm. An individualized progressive, competitive method of developing accuracy and speed. Emphasis is placed on development of keyboarding speed and accuracy ratings between 20-90 wpm. (CSU)

BUS 29A (3) WORD PROCESSING 2 Hrs. Lec. 2 Hrs. Lab. Recommended Preparation: Ability to keyboard 20 wpm. The course is designed to teach students in use word processing software on the microcomputer and to develop office technology skills. (CSU)

BUS 29B (3) DOCUMENT PROCESSING FOR BUSINESS 2 Hrs. Lec. 3 Hrs. Lab. Recommended Preparation: Skills acquired in BUS 29A. The course is designed for business students to the production level required in today’s office environment. Emphasis will be placed on producing business letters, reports, tables, and forms on the microcomputer. (CSU)

BUS 30 (3) TECHNOLOGY FOR THE MODERN OFFICE 2 Hrs. Lec. 2 Hrs. Lab. Recommended Preparation: Skills acquired in BUS 29A. The course is designed to bring students up 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. (CSU)

BUS 51 (1) MICROCOMPUTER KEYBOARDING 1 Hr. Lec. 1 Hr. Lab. Recommended Preparation: Required 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 (5) EFFECTIVE CUSTOMER SERVICE 5 Hr. Lec. This course is designed to develop the student's skills in understanding customers and dealing with customers in a variety of customer service situations. Class discussion focuses on the principles of effective customer service, generating positive customer service situations. Class discussion focuses on the principles of effective customer service, generating positive customer service situations. Class discussion focuses on the principles of effective customer service, generating positive customer service situations. Class discussion focuses on the principles of effective customer service, generating positive customer service situations. Class discussion focuses on the principles of effective customer service, generating positive customer service situations.
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CFCS 106 (3) DEVELOPMENTAL PSYCHOLOGY OF CHILDREN 3 hrs. Lec.
A study of the developmental stages of children from conception through adolescence, focusing on the theories of Piaget and Kohlberg, and exploring the age-appropriate environments and activities for children. (Same as PSYCH 20) (CFCS 106 formerly ECE 20) (CSU) (UC credit limited. See a counselor.)

CFCS 108 (3) ADVANCED DEVELOPMENTAL PSYCHOLOGY AND OBSERVATION 3 hrs. Lec.
Advanced study of the principles and theories of developmental psychology, including the study of assessment and observation as tools for understanding behavior and development. (CFCS 108 formerly ECE 22) (CSU)

CFCS 110 (3) EARLY CHILDHOOD CURRICULUM 1 3 hrs. Lec.
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 a local preschool is required. (CFCS 110 formerly ECE 23) (CSU)

CFCS 112 (2) LANGUAGE AND LITERATURE FOR EARLY CHILDHOOD 2 hrs. Lec.
Development of language and communication skills in the first five years of life. Creating a language arts curriculum for toddlers and preschoolers with an emphasis on oral communication using storytelling, puppets, and dramatic play. Analysis of stories and literature for their value to the young child. (CFCS 112 formerly ECE 24A) (CSU)

CFCS 114 (2) ART FOR YOUNG CHILDREN 2 hrs. Lec.
Developing aesthetic and perceptual awareness in the toddler and preschool child through introduction to the arts through the media of music, dance, painting, and drama. (CFCS 114 formerly ECE 24B) (CSU)

CFCS 116 (2) SCIENCE AND MATH FOR EARLY CHILDHOOD 2 hrs. Lec.
Developing a science curriculum aimed at introducing the young child to physical science, simple chemistry and biological science concepts. Developing a math curriculum introducing number and math concepts. Emphasis is placed on developing an age appropriate science and math curriculum and planning a science environment that is meaningful and exciting for the young child. (CFCS 116 formerly ECE 24C) (CSU)

CFCS 118 (3) MUSIC AND MOVEMENT FOR EARLY CHILDHOOD 3 hrs. Lec.
Music, rhythm and body movement experiences for young children. Development of teacher skills with simple music instruments and furniture, with movement materials for program planning and exploration of motor skills and movement concepts. (CFCS 118 formerly ECE 24D) (CSU)

CFCS 200 (3) FIELD EXPERIENCE 1.5 hrs. Lec. 10 hrs. Field Experience
Prerequisites: CFCS 100, 104, 106PSYCH 20, 108, 110, and 4 or 5 units from the following: CFCS 112, 114, 116, 118 or 262. Supervised field work in an early childhood program under the direction of a Master Teacher and college supervisor. The students will learn to assess, develop and implement curriculum and appropriate practices for young children in a supervised setting. (CFCS 200 formerly ECE 25) (CSU)

CFCS 210 (3) ADMINISTRATION AND SUPERVISION IN EARLY CHILDHOOD EDUCATION 3 hrs. Lec.
Prerequisites: CFCS 200 and its prerequisites. 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. (CFCS 210 formerly ECE 28) (CSU)

CFCS 211 (3) ADVANCED MANAGEMENT FUNCTIONS FOR THE OPERATION OF AN EARLY CHILDHOOD CENTER 2 hrs. Lec. 3 hrs. Lab.
Prerequisites: CFCS 210. 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 serving children and families. (CFCS 211 formerly ECE 33) (CSU)

CFCS 212 (3) ADULT SUPERVISION IN EARLY CHILDHOOD PROGRAMS 3 hrs. Lec.
A study of the methods and principles of adult supervision in an early childhood setting from a developmental perspective. Topics covered include competence in personnel management, effective interpersonal communication, how adults learn, team building. (CFCS 212 formerly ECE 34) (CSU)

CFCS 220 (3) INFANT/TODDLER DEVELOPMENT 3 hrs. Lec.
This course will cover the fundamental principles of prenatal and infant development from conception to age two as determined by heredity, society and human interaction. Prenatal development and the birth process will be explored. Infant/Toddler development will be covered. (CFCS 220 formerly ECE 29) (CSU)

CFCS 221 (3) INFANT/TODDLER CURRICULUM 3 hrs. Lec.
This course will prepare students to develop and implement an infant and/or toddler curriculum including the design of a developmentally appropriate learning environment. It will examine the methods currently being practiced by teacher candidates and teacher competencies necessary for working with infants/toddlers. Students must put in 5 hours Lab. TBA for the semester. (CFCS 221 formerly ECE 30) (CSU)

CFCS 223 (3) SCHOOL-AGE CHILD DEVELOPMENT 3 hrs. Lec.
A study of the developmental characteristics of the School-Age child from age five to twelve, covering physical, cognitive, social and personal development. Developmental theories will be discussed, and the influences on the basic process will be explored. This course provides preparation for employment in child development programs, and public and private School-Age programs. (CFCS 223 formerly ECE 49) (CSU)

CFCS 231 (3) SCHOOL-AGE CURRICULUM 3 hrs. Lec.
This course instructs students in designing a school-age program that meets the needs of children based on current theory and research. Emphasis will be on creating developmentally appropriate environments, curriculum planning, behavior management, health, safety and nutrition. (This course provides preparation for employment in child development programs, and public and private School-Age programs. (CFCS 231 formerly ECE 50) (CSU)

CFCS 240 (3) UNDERSTANDING EXCEPTIONAL STUDENTS 3 hrs. Lec. 2 hrs. Lab.
Prerequisite: CFCS 200 (Same as DSPS I) CFCS 240 formerly ECE 27). Recommended Preparation: PSYCH 20PSYCH 100 or PSYCH 1A. A psychological approach to the study of exceptional students including physical, mental, emotional, sensory, speech, and learning disabilities. Designed for parents, as well as for teachers and paraprofessionals working with exceptional children. 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. (CSU)

CFCS 250 (1) FAMILY CHILD CARE MANAGEMENT 1 hr. Lec.
Instruction in operating home based childcare as a successful business. Topics covered include booking/p, tax laws, licensing requirements, management skills, scheduling and policies. (CFCS 250 formerly ECE 35) (Nontransferable, AA/AS degree only)

CFCS 251 (1) FAMILY CHILD-CARE PROVIDER AND PARENT RELATIONSHIPS 3 hrs. Lec.
A study of appropriate provider and parent communication techniques and strategies. Includes problem solving, decision making, conflict resolution, methods for increasing parent involvement in childcare and education. (CFCS 251 formerly ECE 36) (Nontransferable, AA/AS degree only)

CFCS 252 (1) FAMILY CHILD CARE LICENSING AND RESOURCES 3 hrs. Lec.
A study of California Child Care requirements, funding possibilities and community resources. (CFCS 252 formerly ECE 37) (Nontransferable, AA/AS degree only)

CFCS 260 (3) PRINCIPLES OF PARENTING 3 hrs. Lec.
This 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. (CFCS 260 formerly ECE 26) (CSU)

CFCS 262 (3) MULTILINGUAL AND MULTICULTURAL CURRICULUM FOR YOUNG CHILDREN 3 hrs. Lec.
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 multilingual/multicultural experience of the children. (CFCS 262 formerly 32) (CSU)

CFCS 279 (5) FIRST AID & CPR FOR TEACHERS OF YOUNG CHILDREN 5 hrs. Lec.
Prerequisite: Successful completion of CFCS 102H/17. First Aid/ CPR Module B Refresher: American Red Cross or American Heart Association certification update in infant and child CPR and First Aid. (CFCS 279 formerly ECE 31 B-R) (Nontransferable, nondegree applicable)

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, survey computer hardware and software, and give the student hands-on experience on common business applications. (CSU, UC)

CIS 1 (3) INTRODUCTION TO TELECOMMUNICATIONS 3 hrs. Lec.
Recommended Preparation: CIS 1. An introduction to the concepts of telecommunications, data communications and networks. This course gives an overview of the network and wide area networks including the Internet, common network protocols and the OSI model. Students learn how to access and utilize networked resources such as file servers, remote printers, e-mail, the Internet and networked applications. (CSU, UC)

CIS 3 (3) PC MAINTENANCE, REPAIR & UPGRADING 2 hrs. Lec. 2 hrs. Lab.
Recommended Preparation: CIS 1. A practical course in installing and upgrading personal computer hardware, software and peripherals. The student learns computer troubleshooting and repair techniques, other topics include: computer principles, safety and customer relations skills. (Not transferable, AA/AS degree only)

CIS 10 (3) PROGRAMMING IN COBOL 3 hrs. Lec.
Recommended Preparation: CIS 1. A beginning course in programming in COBOL to prepare programmers and students with basic programming skills for employment in business and industry. The course covers program design logic and program development, and provides hands-on experience in realistic business application programming. (CSU, UC)
CIS 12 (3) \hspace{2em} \textbf{PROGRAMMING IN BASIC} \\
3 Hrs. \hspace{2em} \text{Lec.} \\
\underline{Recommended Preparation: CIS 1. A practical course covering the fundamentals of BASIC programming language as adapted to a variety of different applications. (CSU, UC)}

CIS 13 (3) \hspace{2em} \textbf{PROGRAMMING IN VISUAL BASIC} \\
3 Hrs. \hspace{2em} \text{Lec.} \\
\underline{Recommended Preparation: CIS 1. This course introduces event-driven computer programming using the Visual Basic programming language. Topics include building an interface with objects, modular design, programming structures, working with files, and other related topics. (UC Credit Limit. See a counselor)}

CIS 15 (2) \hspace{2em} \textbf{PROGRAMMING IN C} \\
3 Hrs. \hspace{2em} \text{Lec.} \\
\underline{Recommended Preparation: Knowledge of a computer program-writing language. A course in programming using C. Syntax of the language will be emphasized; and operating systems, comparative programming languages, data structures, graphics, numerical analysis, programming methodology, and scientific and business applications will also be covered. (CSU, UC)}

CIS 16 (2) \hspace{2em} \textbf{PROGRAMMING IN JAVA} \\
3 Hrs. \hspace{2em} \text{Lec.} \\
\underline{Recommended Preparation: CIS 1 and knowledge of a computer programming language. A course in programming using JAVA. Syntax of the language will be emphasized. Operating systems, comparative programming languages, data structures, graphics, numerical analysis, programming methodology, and scientific and business applications will also be covered. (UC Credit Limit. See a counselor)}

CIS 21AC (I-I-I) \hspace{3em} \textbf{COMPUTER APPLICATIONS LAB} \\
2 Hrs. \hspace{2em} \text{Lab.} \\
\underline{Recommended Preparation: Concurrent enrollment in a course requiring computer support. A hands-on lab class which supports those courses requiring computer completed assignments. The student may be involved using word processing, programming, integrated software programs or decision support applications. (CSU, UC)}

CIS 22 (3) \hspace{2em} \textbf{MICROCOMPUTER ACCOUNTING} \\
3 Hrs. \hspace{2em} \text{Lec.} \\
\underline{Prerequisite: BUS 1A or BUS 10. Recommended Preparation: CIS 1. A practical course in which students will have an opportunity to utilize computerized financial software that is currently being used in the business field. A "case study" will be completed by the students which will help them to gain microcomputer skills. (CSU)}

CIS 23 (4) \hspace{2em} \textbf{COMPUTER LITERACY} \\
1 Hr. \hspace{2em} \text{Lec.} \\
\underline{A course designed for students with little or no experience with computers. The course includes a review of computer terminology, system components, and software applications typically used on a microcomputer system. In a hands-on environment, the student will learn basic operating system and user interface commands, basic features in a word processing program, and basic concepts for use of Internet resources. (CSU)}

CIS 26 (1) \hspace{3em} \textbf{WINDOWS OPERATING SYSTEM} \\
1 Hr. \hspace{2em} \text{Lec.} \\
\underline{Designed to familiarize computer users with the Windows operating system environment that controls the computer. This course covers commands and menus used by Windows to do proper file management, customize the desktop interface, and use the Windows accessories. (CSU)}

CIS 31A (1) \hspace{3em} \textbf{WORD PROCESSING: WORDPERFECT FOR WINDOWS} \\
1 Hr. \hspace{2em} \text{Lec.} \\
\underline{Hands-on practice with WordPerfect word processing software using a Windows environment. The course is designed for business and will focus on document creation including multiple page documents; basic editing and text enhancements; line and page formatting; cut, copy and paste; spell check and thesaurus. (CSU)}

CIS 31B (1) \hspace{3em} \textbf{WORD PROCESSING: WORDPERFECT FOR WINDOWS} \\
1 Hr. \hspace{2em} \text{Lec.} \\
\underline{Hands-on practice with WordPerfect word processing software using a Windows environment. The course is designed for beginners and will focus on document creation including multiple page documents; basic editing and text enhancements; line and page formatting; cut, copy and paste, spell check and thesaurus. (CSU)}

CIS 32A (3) \hspace{3em} \textbf{WORD PROCESSING: MICROSOFT WORD FOR WINDOWS} \\
1 Hr. \hspace{2em} \text{Lec.} \\
\underline{Hands-on practice with Microsoft Word word processing software using a Windows environment. The course is designed for beginners and will focus on document creation including multiple page documents; basic editing and text enhancements; line and page formatting; cut, copy and paste, spell check and thesaurus. (CSU)}

CIS 32B (1) \hspace{3em} \textbf{WORD PROCESSING: MICROSOFT WORD FOR WINDOWS} \\
1 Hr. \hspace{2em} \text{Lec.} \\
\underline{Recommended Preparation: CIS 32A or CIS 32I. Hands-on practice with Microsoft Word word processing software using a Windows environment. The course is a continuation of CIS 31A, Word Processing: WordPerfect for Windows, and will focus on editing and formatting features including multiple windows and documents, managing files, tables, columns, merge, labels, sort and graphics. (CSU)}

CIS 33A (1) \hspace{3em} \textbf{DATABASE: ACCESS} \\
1 Hr. \hspace{2em} \text{Lec.} \\
\underline{Recommended Preparation: Concurrent enrollment in a course requiring computer support. A course in database management using Microsoft Access for Windows. Topics include adding and deleting tables, creating relationships, creating forms and reports, managing databases, and creating queries. (CSU)}

CIS 34 (1) \hspace{3em} \textbf{POWER POINT} \\
1 Hr. \hspace{2em} \text{Lec.} \\
\underline{A beginning course in PowerPoint including text formatting, slides, charts, slide shows, embedded and linked objects and hyperlinks. (CSU)}

CIS 37A (1) \hspace{3em} \textbf{SPREADSHEET: EXCEL} \\
1 Hr. \hspace{2em} \text{Lec.} \\
\underline{A beginning course in the creation and use of spreadsheet applications including templates, spreadsheets, and beginning graphic presentation. (CSU)}

CIS 37B (1) \hspace{3em} \textbf{SPREADSHEET: EXCEL} \\
1 Hr. \hspace{2em} \text{Lec.} \\
\underline{A course designed to present the basic data base concepts. The student will become acquainted with a Windows-based business data base application and its implementation. (CSU)}

CIS 40A (1) \hspace{3em} \textbf{DATA BASE: ACCESS} \\
1 Hr. \hspace{2em} \text{Lec.} \\
\underline{A course designed to present the basic data base concepts. The student will become acquainted with a Windows-based business data base application and its implementation. (CSU)}

CIS 42 (1) \hspace{3em} \textbf{WEB PAGE DESIGN} \\
1 Hr. \hspace{2em} \text{Lec.} \\
\underline{A beginning course in Web Page design including using lists, hyperlinks, pictures, sound, frames, shared buttons, themes, maintenance, and publishing. (CSU)}

CIS 21 (3) \hspace{2em} \textbf{INTRODUCTION TO CORRECTIONS} \\
3 Hrs. \hspace{2em} \text{Lec.} \\
\underline{Recommended Preparation: Completion of ENGL 2B and ENGL 12B with a grade of "C" or better. A study and survey of the history, philosophy and trends of adult and juvenile corrections processes. The relationship between corrections and other components of the judicial system will be examined. (CSU)}

CIS 22 (3) \hspace{2em} \textbf{REPORT WRITING} \\
3 Hrs. \hspace{2em} \text{Lec.} \\
\underline{Sample as AJ 39) (CSU)}

CIS 23 (3) \hspace{2em} \textbf{CONCISE OF CRIMINAL LAW} \\
3 Hrs. \hspace{2em} \text{Lec.} \\
\underline{(Same as AJ 23} (CSU, UC)

CIS 24 (3) \hspace{2em} \textbf{CORRECTIONAL INTERVIEWING AND COUNSELING} \\
3 Hrs. \hspace{2em} \text{Lec.} \\
\underline{Recommended Preparation: Completion of ENGL 2B and ENGL 12B with a grade of "C" or better. 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)}

CIS 25 (3) \hspace{2em} \textbf{CONTROL AND SUPERVISION OF INMATES} \\
3 Hrs. \hspace{2em} \text{Lec.} \\
\underline{Recommended Preparation: Concurrent enrollment in a course requiring computer support. A course in control and supervision of inmates in the correctional environment. Issues of control in a continuum from institutional daily living through crisis situations will be introduced and discussed. The course will emphasize the role played by the offender and the correctional worker. Introduces inmate subcultures, violence and effects of crowding on inmates and staff, addresses coping techniques for correctional officers in a hostile prison environment while discussing causes and effects of abusive tactics. (CSU)}
DSPS 44B (2-3)  
LIVING WITH A HEARING LOSS  
3 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 specifically for the mature person who has an acquired hearing loss. (Nontransferable, nongrade applicable)

DSPS 5 (3)  
WORKING WITH AUTISTIC CHILDREN  
3 Hrs. Lab.  
This course is designed to instruct direct care workers about autism, and introduce students to various treatment methods used with children who have autism. Students will learn what autism is, treatment methods used with these children and how to integrate children with autism in to a setting with typically developing children. (CSU)

DSPS 6ABCD (1-4, 1-4, 1-4, 1-4)  
PERSONAL AND SOCIAL ADJUSTMENT FOR THE DISABLED  
1-4 Hrs. Lab.  
This course is designed to help the disabled students who have difficulty in adjusting to the educational challenges encountered in college level classes because of deficiencies in their educational backgrounds. (Nontransferable, nongrade applicable)

DSPS 7ABCD (1-4, 1-4, 1-4, 1-4)  
ACADEMIC SUPPORT SERVICES  
2-3 Hrs. Lab.  
This course is designed to provide academic support services to the disabled student who are taking classes in the area of natural science and math, behavioral and social science area; humanities, fine arts and foreign language area; English and speech area; and vocational-occupational area. In addition, the course is designed to assist students in developing their basic skills. (Nontransferable, nongrade applicable)

DSPS 8ABCD (1-4, 1-4, 1-4, 1-4)  
COUNSELING AND GUIDANCE SUPPORT SERVICES  
2-4 Hrs. Lab.  
This course is designed to provide counseling and guidance support services to disabled students by means of diagnostic testing, assistance with vocational education classes, assessment of individualized educational plans, 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 academic programs. (Nontransferable, nongrade applicable)

DSPS 15A (4)  
READING AND SPELLING FOR STUDENTS WITH LEARNING DIFFERENCES  
4 Hrs. Lab. 1 Hr. Lab.  
Prerequisite: Need for basic instruction based on placement tests and individual interview. This course will teach adults with learning differences how to read and to spell phonetically regular words in the context of written sentences with an emphasis on one- and two-syllable words having only short vowels, 40 sight words, and the 4 spelling rules with doubling the final consonant in one-syllable words. (Nontransferable, nongrade applicable)

DSPS 34 (1)  
ADAPTIVE KEYBOARDING  
2 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 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 learning techniques to use computer hardware and software used for other mainstream basic skills support courses. (Nontransferable, nongrade applicable)

DSPS 37 (1)  
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 certified personnel and be able to benefit from the programs and services offered by the High Tech Center. This course is designed to help disabled students who use PC's which are used for other basic skills support courses. (Nontransferable, nongrade applicable)

DSPS 38 (3)  
COMPUTER ACCESS PROJECTS II  
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 certified personnel and be able to benefit from the programs and services offered by the High Tech Center. Students will enhance their computer access skills through the completion of assignments and/or projects. This will allow them to use PC's in other basic skills support courses. (Nontransferable, nongrade applicable)

ECON USE 1 (2)  
INTRODUCTION TO RESIDENTIAL SERVICES SPECIALIST  
3 Hrs. Lab.  
An introduction to 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. (Nontransferable, AA/AS degree only)

ECON 2 (3)  
PRINCIPLES OF ECONOMICS  
3 Hrs. Lab.  
An introduction to economic concepts and the principles of economic analysis. Emphasis on economic institutions, issues of public policy, and macroeconomics in gross domestic product, money and banking, international business, and economic stabilization. (CSU, UC)

ECON 2 (3)  
PRINCIPLES OF ECONOMICS  
3 Hrs. Lab.  
An introduction to economic concepts and the principles of economic analysis. Emphasis on economic institutions, issues of public policy, and macroeconomics in the direction of production and the allocation of resources through the price system. (CSU, UC)
SUCCESSFUL completers will result in eligibility for certification as an EMT I and EMT D. Successful completion will also result in a Training Institute (CSTI) through the Office of Emergency Services (OERS). This is one course required for an associate degree in Fire Technology and one of six courses toward eligibility for a Fire Fighter I certificate. (Same as FIRE 103 (CSU))

EMT I(D) 5.7 Hrs. Lab.

Prerequisites: Must possess a current EMT D certification, be eligible for EMT I certification, or be currently enrolled in an EMT I course that is approved by the Imperial County Emergency Medical Services Agency. A course designed to train the EMT I in the skill of proper use of a semi-automatic defibrillator on those persons that full victim to cardiac arrest and demonstrate a cardiac monitor pattern of ventricular fibrillation or ventricular tachycardia. This course will teach the EMT I how and when to use the semi-automatic defibrillator in any given field situation that meets the criteria set forth in the California Code of Regulations and in the Imperial County Emergency Medical Services Policies and Procedures. (CSU)

EMT 1R (2) 2 Hrs. Lect.

Prerequisite: Current EMT I certification or have possessed an EMT I certification within the past 4 years. A course designed to fulfill the California Administrative Code requirements for a new year period. This course will review basic life support topics and procedures to include cardiopulmonary resuscitation training. Topics specific to Imperial County will be presented, as well as additional topics and equipment. Updated and new materials will be included. Successful completion of this course will satisfy continuing education requirements for the EMT I and will enable the EMT I to practice the profession in the state of California. This course is approved by the Imperial County Emergency Medical Services Agency and is subject to the training guidelines of the California Code of Regulations and the California Fire Service Training and Education System (CFSTES). (Same as FIRE 105R (CSU))

EMT I (4) 3.5 Hrs. Lab.

Prerequisite: Current EMT certification. This course provides a format for the presentation of the material and components of the course. Recognizing the knowledge base of existing EMT's, the course provides the transitional material needed to gain a functional understanding of an assessment-based approach to patient care and as well as the interventions added to the EMT scope of practice. (Nontransferable, n/d) applicable.)

EMT 1A (7) 4 Hrs. Lab.

Prerequisite: A valid California Emergency Medical Technician 1 (A, FS, PS or CS) Certificate. Have one year 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 never performed in EMT I or EMT II. It enables the student to put all laboratory and didactic materials together in clinical and field experiences. The student will be able to perform CPR, basic emergency life support skills, basic advanced life support skills, and advanced skills such as intravenous infusion, defibrillation, intubation, and esophageal intubation. The course is an intensive one, requiring the student to demonstrate proficiency in the administration of emergency procedures and the realization that more than usual study and TBA requirements must be met. (CSU)

EMT-ID 5.7 Hrs. Lab.

Prerequisite: Successful completion of EMT I(A) and EMT I (D). This course is designed to teach professional public safety personnel limited advanced life support skills never performed in EMT I. It enables the student to put all laboratory and didactic materials together in clinical and field experiences. The student will be able to perform CPR, basic emergency life support skills, basic advanced life support skills, and advanced skills such as intravenous infusion, defibrillation, intubation, and esophageal intubation. The course is an intensive one, requiring the student to demonstrate proficiency in the administration of emergency procedures and the realization that more than usual study and TBA requirements must be met. (CSU)

EMT-P C1 (3) 4.7 Hrs. Lab.

Prerequisite: 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 Supervisor.

EMT-P D1 (6) 8.3 Hrs. Lab.

Prerequisite: Current certification as an EMT I, EMT II or certification prior to December 12, 1987. One year field experience as an EMT I or 1 year as ER RN. Successful completion of application process. Acceptance into program by EMT Training Coordinator and EMT Training Medical Director. Pass all pre-established scores on English and math proficiency exam. Current CPR certification. Pass EMT proficiency score of 80% or better. This course is the first phase of training to instruct professional public safety personnel in the administration of pre-hospital advanced life support. The course will teach the student...
student roles and responsibilities, the EMS system, medical-legalities, EMS communication, rescue techniques, hazardous materials management, mass casualty and stress of the EMS provider. This course will cover medical terminology, patient assessment, airway and ventilation, shock, pathophysiology, signs/symptoms, paramedic treatments including skills available to the paramedic. Obese patients or sicker patients are included. Behavioral emergencies and how the ALS provider can deal with them are included. All skills/equipment available for the paramedic for the above will be included. The course is an intensive one, requiring the student's total dedication for successful completion of the course. The student must realize that more than usual study and TBA requirements must be met throughout the program. (CSU)

EMT-P D2 (8)
EMERGENCY MEDICAL TECHNICIAN-PARAMEDIC
DIDACTIC 2
113 hrs. Lab.
Prerequisites: Successful completion of EMT-P D1, EMT-P D2, EMT-P C1 and EMT-P C2. May enter EMT-P F1 up to 1 year after completion of EMT-P D1, EMT-P D2, EMT-P C1 and EMT-P C2. Recommended of the EMS Training Coordinator and EMS Training Medical Director. This course is the first phase of the field training of the paramedic program. This portion of training enables the student to put all didactic and skills training, and progression towards eligibility to become certified as a paramedic in the state of California. The course will teach the student to understand all aspects of medical emergencies, including respiratory, cardiovascular, endocrine, and nervous system emergencies. Acute trauma, resuscitation, and prehospital systems of care. In addition, educational and preventative systems of care will be covered. Anatomy and physiology, pathophysiology, signs/symptoms and pre-hospital advanced life support, paramedic treatment will be included. The paramedic student must realize that more than usual study requirements must be met for successful completion of this course. (CSU)

EMT-P F1 (8)
EMERGENCY MEDICAL TECHNICIAN-PARAMEDIC
FIELD 1
55 hrs. Lab.
Prerequisites: Successful completion of EMT-P D1, EMT-P D2, EMT-P C1 and EMT-P C2. May enter EMT-P F1 up to 1 year after completion of EMT-P D1, EMT-P D2, EMT-P C1 and EMT-P C2. Graduation of the EMS Training Coordinator and EMS Training Medical Director. This course is the first phase of the field training of the paramedic program. This portion of training enables the student to put all didactic and skills training, and progression towards eligibility to become certified as a paramedic in the state of California. The course will teach the student to understand all aspects of medical emergencies, including respiratory, cardiovascular, endocrine, and nervous system emergencies. Acute trauma, resuscitation, and prehospital systems of care. In addition, educational and preventative systems of care will be covered. Anatomy and physiology, pathophysiology, signs/symptoms and pre-hospital advanced life support, paramedic treatment will be included. The paramedic student must realize that more than usual study requirements must be met for successful completion of this course. (CSU)

ENGL 2A (5)
BASIC ENGLISH COMPOSITION
3 Hrs. Rec.
Recommended Preparation: Appropriate placement recommendation or completion of ENGL 3B. Concurrent enrollment in an appropriate reading class is strongly recommended. Preparation for ENGL 2A. Critical reading and analysis of the written word. The student will demonstrate the ability to read effectively. The course focuses in sequence from ENGL 1A to ENGL 3B. (Nontransferable, nondegree applicable)

ENGL 2B (3)
BASIC ENGLISH COMPOSITION
3 Hrs. Rec.
Recommended Preparation: Appropriate placement recommendation or completion of ENGL 2A. Concurrent enrollment in an appropriate reading class is strongly recommended. Preparation for ENGL 1A. The course seeks to improve the student's mastery of the short essay at the college level. The course follows in sequence from ENGL 2A. (CSU)

ENGL 3A (3)
WRITING FUNDAMENTALS, FIRST SEMESTER
3 Hrs. Rec.
Recommended Preparation: Appropriate multiple measures placement recommendation or successful completion of ENGL 4B. Concurrent enrollment in an appropriate reading class is strongly recommended. Preparation for ENGL 3B. Intensive instruction in grammar and punctuation and the writing of short paragraphs. Designed for the student needing to acquire basic writing skills and to overcome language transfer factors. Follows in sequence from ENGL 2A to ENGL 3A. Taught simultaneously with ENGL 3B. (Nontransferable, nondegree applicable)

ENGL 3B (3)
WRITING FUNDAMENTALS, SECOND SEMESTER
3 Hrs. Rec.
Recommended Preparation: Appropriate placement recommendation or successful completion of ENGL 3A. Concurrent enrollment in an appropriate reading class is strongly recommended. Preparation for ENGL 3B. Intensive instruction in grammar and punctuation and the writing of paragraphs and a short essay. Designed for the student needing to acquire basic writing skills and to overcome language transfer factors. Follows in sequence from ENGL 3A. Taught simultaneously with ENGL 3B. (Nontransferable, nondegree applicable)

ENGL 4A (4)
ADVANCED GRAMMAR AND COMPOSITION FOR BILINGUALS
3 Hrs. Rec. 1 Hr. Lab.
Recommended Preparation: Appropriate placement recommendation or completion of ENGL 4A. Remedial and pre-college course for students wanting to have additional instruction. The course meets one day per week and one hour immediately after the course in freshman composition. This course focuses in sequence on students who have no knowledge of English and whose literacy in their native language is minimal. Basic English will give students the necessary literacy skills to enter ENGL 6. (Nontransferable, nondegree applicable)

ENGL 4B (5)
THE WRITING PROCESS FOR BILINGUALS
3 Hrs. Rec.
Recommended Preparation: Appropriate placement recommendation or completion of ENGL 4A. The Writing Process for Bilinguals would be based on small-group and individual instruction using prewriting, brainstorming, and listing; rough draft and revising; peer-editing; review of grammar, mechanics, and usage; vocabulary, spelling, and format process; journal writing; and small and large group sharing of successful models for effective writing. (Nontransferable, nondegree applicable)

ENGL 5 (4)
INTERMEDIATE GRAMMAR AND COMPOSITION FOR ESL
4 Hrs. Rec. 1 Hr. Lab.
Recommended Preparation: Appropriate placement recommendation or completion of ENGL 6. Concurrent enrollment in ENGL 25 and ENGL 50 is strongly recommended. A developmental ESL course that covers the basics of grammar and composition. This course takes the student from simple present and past tenses usage to the more complicated grammatical structures. Basic skills for simple composition in English are also taught. (Nontransferable, nondegree applicable)

ENGL 6 (4)
BEGINNING GRAMMAR AND COMPOSITION FOR ESL
4 Hrs. Rec. 1 Hr. Lab.
Recommended Preparation: Appropriate placement recommendation or completion of ENGL 7. Concurrent enrollment in ENGL 26 and ENGL 50 is strongly recommended. A beginning course in English designed for the student who has not had any formal English classes in the United States. The course will cover grammar, simple sentence writing, and paragraph writing. (Nontransferable, nondegree applicable)

ENGL 7 (4)
BASIC ESL/CIVICS
4 Hrs. Rec. 1 Hr. Lab.
A course designed for nonnative speakers who have no knowledge of English and whose literacy in their native language is minimal. Basic English will give students the necessary literacy skills to enter ENGL 6. (Nontransferable, nondegree applicable)

ENGL 93 (3.5)
PRACTICAL ENGLISH FOR THE WORKPLACE
3 Hrs. Rec. 1 Hr. Lab.
Recommended Preparation: Appropriate ESL placement recommendation or completion of ENGL 4A. A multi-level, multi-context (such as employability skills, workplace survival skills, and workplace social skills) instruction in English as a Second Language for adults who need to develop additional skills in areas such as Auto and Office Skills, Secretarial, Auto and Office Skills, Secretarial, and Advanced Auto and Office Skills. The course emphasizes the vocabulary and grammar of English within the context of the workplace. (Nontransferable, nondegree applicable)

ENGL 11 (3.5)
READING, ANALYTICAL AND CRITICAL READING
3 Hrs. Rec. *1 Hr. Lab.
Recommended Preparation: Appropriate placement recommendation or completion of ENGL 11A and ENGL 11B. A course designed to help adequate readers become superior readers. Recommended for college transfer students needing to strengthen their reading and thinking skills necessary for all types of college level reading courses. (Nontransferable, nondegree applicable)

ENGL 12A (3.5)
INTERMEDIATE ACHIEVEMENT
3 Hrs. Rec. *1 Hr. Lab.
Recommended Preparation: Appropriate placement recommendation or completion of ENGL 11A and ENGL 11B. A course designed to help adequate readers become superior readers. Recommended for college transfer students needing to strengthen their reading and thinking skills necessary for all types of college level reading courses. (Nontransferable, nondegree applicable)

ENGL 12A (3.5)
INTERMEDIATE ACHIEVEMENT
3 Hrs. Rec. *1 Hr. Lab.
Recommended Preparation: Appropriate placement recommendation or completion of ENGL 11A and ENGL 11B. A course designed to help adequate readers become superior readers. Recommended for college transfer students needing to strengthen their reading and thinking skills necessary for all types of college level reading courses. (Nontransferable, nondegree applicable)

*Participation in instructor-assigned lab activities is a required part of the course.

ENGL 12A (3.5)
INTERMEDIATE ACHIEVEMENT
3 Hrs. Rec. *1 Hr. Lab.
Recommended Preparation: Appropriate placement recommendation or completion of ENGL 11A and ENGL 11B. A course designed to help adequate readers become superior readers. Recommended for college transfer students needing to strengthen their reading and thinking skills necessary for all types of college level reading courses. (Nontransferable, nondegree applicable)

*Participation in instructor-assigned lab activities is a required part of the course.
ENGL 52 (3) INTRODUCTION TO LINGUISTICS 3 Hrs. Lec. Recommended Preparation: ENGL 2B or ENGL 1A. Introduction to the various branches of linguistics: language classification, diachronic 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 expanding his/her knowledge of language. Suitable for English speaking and bilingual students. (CSU, UC)

ENGL 53AB (3-3) CREATIVE WRITING 3 Hrs. Lec. Prerequisite: ENGL 1A with a grade of "C" or better. Recommended Preparation: ENGL 1B. 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)

ENGL 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 different historical periods will be examined for their technological and artistic contributions to the art of film making. (CSU, UC)

ENGL 55 (3) INTRODUCTION TO TECHNICAL AND REPORT WRITING 3 Hrs. Lec. Recommended Preparation: ENGL 2B or ENGL 1A. Practical experience in writing various kinds of technical reports, descriptions, specifications, and evaluations. Writing assignments will be tailored to the interests of individual students. (CSU)

ENGL 59 (3) GRAMMAR AND USAGE REVIEW 3 Hrs. Lec. Recommended Preparation: Eligibility for ENGL 2A. Review of traditional/structural grammar; review of usage rules regarding capitalization; review of spelling rules; practice with summary/report writing done by the student. (Nontransferable, nondegree applicable)

ENGL 60A (1-1-1) LANGUAGE LABORATORY FONENDASHIS AS A SECOND LANGUAGE 2 Hrs. Lab. Englishosaic is a self-paced three semester course which provides individuals an opportunity to become conversant in English with appropriate software programs in the language laboratory. Students practice listening comprehension, vocabulary, pronunciation, and sentence development through interactive activities appropriate to their proficiency levels. This course is recommended supplementation for all levels of ESL. (Nontransferable, nondegree applicable)

ENGL 61ABC (1-1-1) SPEAKING AND WRITING SKILLS 2 Hrs. Lab. Recommended Preparation: Eligibility for ENGL 4A, ENGL 14A, or higher. 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 and students write in the medium English language interface. The course is designed to assist students in any course(s) requiring writing skills. The 3 required hours will be set by arrangement with the student and must be undertaken in the Reading/Writing Lab. (Nontransferable, nondegree applicable)

ENVY 103 (3) HAZARDOUS WASTE GENERATION/REDUCTION/TREATMENT 3 Hrs. Lab. The industrial process and their generation of waste streams in selected industries to include: electroplating, metal finishing and printed circuit board production, oil refining and chemical production, miscellaneous industrial general manufacturing, commercial/printing and graphic reproduction, agriculture, construction, mining and commercial petroleum. The course covers on various raw materials used in industry, examining the changes that occur as they move through industrial processing and the material balance concept of inventory. The flammable and explosive importance of minimization/tranformation is stressed, and integrated with pollution prevention and environmentally conscious practices. (CSU)

ENVY 105 (3) HAZARDOUS MATERIALS MANAGEMENT APPLICATION 2 Hrs. Lec. 2 Hrs. Lab. Recommended Preparation: ENGL 12B and ENGL 2B, ENVY 100 & ENVY 103. This course examines requirements of federal, state, and local laws and regulations relating to hazardous materials disclosure. It will cover: California and Federal OSHA Hazard Communication Standards, Emergency Planning and Community Right to Know Laws, Safe Drinking Water and Toxic Enforcement Act, transportation and underground tank regulations will be addressed. Air and water quality issues will be examined with emphasis on applications of laws, regulations and procedures including identification of toxic air and water pollutants; new source review and permitting; and general planning and reporting functions. (CSU)

ENVY 107 (3) HAZARDOUS WASTE MANAGEMENT APPLICATION 2 Hrs. Lec. 2 Hrs. Lab. Recommended Preparation: ENVY 100 & ENVY 103. This course will include a study of the requirements and applications of Federal, State and local laws and regulations relating to Hazardous Waste Management. Emphasis applicable to utilities in industry including proper labeling, packaging, discarding and manifesting of Hazardous wastes; storage requirements; permitting and general planning and reporting functions. It will also include a study of the requirements and applications of environmental sampling, methodology, equipment recognition and maintenance, calibration procedures, basic analytical techniques and data interpretation. Injuring and working with analytical service laboratories, development and use of sampling plans and performance of basic tests using typical field equipment will also be covered. (CSU)

ENVY 109 (3) HEALTH EFFECTS OF HAZARDOUS MATERIALS 3 Hrs. Lec. Recommended Preparation: Envy 100, BIOL 3, CHEM 1A This is a semester course that includes the basic concepts of toxicology and will cover the health effects posed by exposure to chemical hazards. The course is an overview of toxicology including environmental and physiological processes, sources of exposure to toxics, and patterns of toxic effect development. The second major focus will address the basic study of industrial hygiene regulations and standards. Sources of exposure to harmful agents, use of personal protective equipment, exposure guidelines and limits, monitoring and control of hazardous agents in the workplace and risk evaluation planning will be covered. The course will be on ethical responsibilities of people handling hazardous materials and the proper safety attitude. (CSU)

ENVT 113 (3) SAFETY AND EMERGENCY RESPONSE 4 Hrs. Lab 2 Hrs. Lab. This course includes all of the content of: ENVY 113A Hazardous Materials, ENVY 113B Safety. ENVY 113B Student Emergency Response. Topics include: hazard analysis, contingency planning, housekeeping and safety practices including proper use and selection of PPE, site control and comprehensive emergency planning and response. (CSU)

ENVY 113A (3) SAFETY AND EMERGENCY RESPONSE, FUNDAMENTALS OF HAZARDOUS MATERIALS FOR THE FIRST RESPONDER 3 Hrs. Lab. Recommended Preparation: ENVY 100, ENVY 103. This course covers the fundamental health and safety aspects of working with hazardous materials. It presents valid information for awareness and understanding responses to hazardous materials emergencies. Included is an information of recognizing hazards, compliance with regulations, health effects, treatment, agency protocols and responsibilities, emergency procedures, and incident command functions. A successful completion of this course includes a certificate of completion from the California Specialty Training Institute (CSTI) through the Office of Emergency Services (OES) at the First Responder Operational level (FRO). (CSU)

ENVY 113B (2) SAFETY AND EMERGENCY RESPONSE, SPILL CONTROL AND EMERGENCY RESPONSE 1 Hr. Lec. 2 Hrs. Lab. Recommended Preparation: ENVY 100, ENVY 113A. Study of procedures and safety and emergency response to chemical spills in industrial and field setting. The focus is on various spill control schemes, containment, mitigation, procedures, development and implementation of a personal protective program pursuant to OSHA standards. (CSU)

IMPERIAL VALLEY COLLEGE GENERAL CATALOG 2003-2004
FIRE 103 (3)
BUILDING CONSTRUCTION FOR FIRE PROTECTION
3 Hrs. Lea.
Prerequisite: FIRE 100, concurrent enrollment or equivalent. This course is the study of the components of building that relate to fire safety. Emphasis on the design of the construction and fire-resistant materials of fireproofing is shown to be key factors in protecting buildings, planning fire operations, and operating at fires. The development and evaluation of building codes is presented. Building codes will be studied in relation to past fires in residential, commercial, and industrial occupancies. This course is one of six CORE courses required for an associate degree in Fire Technology. (CSU)

FIRE 104 (3)
FIRE BEHAVIOR AND COMBUSTION
3 Hrs. Lea.
Prerequisite: FIRE 100, concurrent enrollment or equivalent. This course provides a theoretical and fundamentals of how and why 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 will be covered. This course is one of six CORE courses required for an associate degree in Fire Technology. (CSU)

FIRE 105 (7.5)
EMERGENCY MEDICAL TECHNICIAN
7.5 Hrs. Lea. (Same as EMT I (CSU)

FIRE 106 (3)
FIRST AID/CPR—PUBLIC SAFETY FIRST RESPONDER
1 Hr. Lab. 3 Hrs. Lab.
A course for individuals who must provide first aid and/or CPR prior to the arrival/availability of pre-hospital care personnel with advanced training and medical backup. This course is primarily for fire department and law enforcement personnel. It satisfies the minimum requirements for this type of personnel as outlined in the California Office of Emergency Services. This course is approved by the California Emergency Medical Services Authority. Upon successful completion of this course, the participants will receive a completion certificate from FVC and a CPR course completion card through the American Heart Association. (CSU)

FIRE 110 (3)
INTRODUCTION TO FIRE FIGHTER
3 Hrs. Lea.
Introduction into basic fire technology. Course will introduce fire service organization and responsibilities. Fire behavior, extinguishing theory, protection and safety will be presented. Fire equipment such as self-contained breathing apparatus, portable extinguishers, rope, knots, and ladders will be included. Course material is within the guidelines of the Trump Firefighter I Certification specified by the California Fire Service Training and Education System (CFSTES) of the State of the Fire Marshal. This is the first of a six part program that will satisfy course requirements for California State Firefighter I certification requirements. (CSU)

FIRE 111 (3.5)
STREAMS, NOZZLES, HOSES AND APPLIANCES
3 Hrs. Lea.
Prerequisite: FIRE 110. A course to continue with training in basic fire technology. Fire streams and nozzles, hose and pump operations will be presented. Manipulative skills will be included. Course material is within the guidelines of training for Firefighter I certification as specified by the California Fire Service Training and Education System (CFSTES) of the State of the Fire Marshal. This is part of a two part six week program that will satisfy course requirements for California State Firefighter I certification requirements. (CSU)

FIRE 112 (2.5)
GROUND LADDERS, FORCIBLE ENTRY AND RESCUE
2 Hrs. Lea. 3 Hrs. Lab.
Prerequisite: FIRE 110. A continuation of basic Firefighter I training. Ground ladders, forcible entry, and rescue techniques will be presented. Manipulative performance testing will be included. Course material is within the guidelines of training for Firefighter I certification as specified by the California Fire Service Training and Education System (CFSTES) of the State of the Fire Marshal. This is part of a six part program that will satisfy course requirements for California State Firefighter I certification requirements. (CSU)

FIRE 113 (2.5)
VENTILATION AND FIRE CONTROL
2 Hrs. Lea.
Prerequisite: FIRE 110. A continuation of basic Firefighter I training. Ventilation and fire control techniques will be presented. Course material is within the guidelines of training for Firefighter I certification as specified by the California Fire Service Training and Education System (CFSTES) of the State of the Fire Marshal. This is part of a six part program that will satisfy course requirements for California State Firefighter I certification requirements. (CSU)

FIRE 114 (3.5)
FIRE FIGHTER I—ADVANCED
2.5 Hrs. Lea. 1 Hr. Lab.
Prerequisite: FIRE 110. A more advanced portion of basic Firefighter I training. Specific instructional program of training is focused on ventilation and overall, fire protection water supplies, fire protection systems, fire prevention and investigation, hazardous materials, fire alarm communications, and vehicle extrication overview. Course material is within the guidelines of training for Firefighter I certification as specified by the California Fire Service Training and Education System (CFSTES) of the State of the Fire Marshal. This is part of a six part program that will satisfy course requirements for California State Firefighter I certification requirements. (CSU)

FIRE 116 (2)
HYDRAULIC CRACKS
2 Hrs. Lea.
This course involves the study of calculations required to assure adequate water pressures and volumes as fire department operations. Besides calculation emphasis, the course will cover hydraulic laws and formulas as applied to the fire service, application of formulas and mathematical calculations of hydraulic problems, the pressure of fluids, fire pump operations and design, hose line construction and capability, water supply problems, and the capabilities of a community water supply. (CSU)
3 Hrs. Lee.

**FIRE 202**

FIRE MANAGEMENT I (2)

2 Hrs. Lee.

Prerequisite: Completion of 12 units of Fire Technology courses at the 100 level. This course is designed for the transition from Firefighter to Fire Officer presenting the skills and responsibilities required of first level supervisors. This course provides an overview of supervision, management, and leadership concepts and theories.

The topics emphasize basic supervisory, management, and leadership skills required in decision making, delegating, personnel motivation, communicating, time management, resource management, record keeping, team building, disciplinary functions and dealing with change and stress. (CSU)

**FIRE 230A (2)**

FIREPREVENTIONA

2 Hrs. Lee.

Prerequisite: Completion of 12 units in Fire Technology at the 100 level or current affiliation with a fire agency. This course is the study of fire prevention, fire fighters, and fire prevention inspection, and function of fire prevention inspections, surveying and mapping procedures and recognition of fire and life hazards. Material presented will focus on code use, improvements, enforcement and fire cause, considerations of various flammable materials, properties of plastics, and portable and fixed fire protection equipment. Successful completion of this course will satisfy one of the requirements to become a State Fire Training Registered Fire Instructor. (CSU)

**FIRE 230B (2)**

FIRE COMMAND 1A

2 Hrs. Lee.

Prerequisite: FIRE 230A. This course is the continuation of the study of fire prevention. Topics include a continuation of fire and life hazards, engineering a safe location of buildings, enforcing the solution, and public education as affected by fire prevention. Other focuses include building construction, flame spread classification, fire doors, existing standards, calculations of occupant load, smoke proofing, glass, sprinkler system design, electrical hazards, fire alarm and detection systems and devices. Successful completion of this course and FIRE 204A fulfills the fire prevention requirements for California State Officer Certification. (CSU)

**FIRE 230C (2)**

FIRE COMMAND 2B

2 Hrs. Lee.

Prerequisite: FIRE 230B. A course designed for the initial response company officer involved in hazardous materials incidents. Involves hazardous materials simulations, notification of other agencies, protective actions for firefighters, and containment techniques. This course will satisfy one of the prerequisites for Fire Command 2B presented through the State Fire Academy. (CSU)

**FIRE 250A (2)**

FIRE INSTRUCTOR IA

2 Hrs. Lee.

Prerequisite: FIRE 202. This course is designed to provide fire and emergency response personnel with the operational concepts and skills operational. This course is intended for fire and emergency response personnel who will be responsible for instructing and teaching fire and emergency response procedures and techniques. This course will satisfy one of the requirements for certification as a Fire Instructor I. (CSU)

**FIRE 250B (2)**

FIRE INSTRUCTOR IB

2 Hrs. Lee.

Prerequisite: FIRE 202. This course provides the participant with information to achieve a deeper understanding of fire investigation. The course builds on Fire Investigation IA and adds topics of discussion including the juvenile fire setter, in-depth report writing, evidence collection and preservation procedures. Successful completion will satisfy one of the State Fire Marshall’s training requirements for certification as a Fire Investigator I. (CSU)
FREN 4 (4) INTERMEDIATE FRENCH 4 Hrs. Lect.
Continuation of FREN 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)

FREN 5 (3) INTERMEDIATE FRENCH READING AND WRITING 3 Hrs. Lect.
Intensive reading and vocabulary development based on cultural and literary materials, including critical analysis, and summaries. (CSU, UC)

FREN 10 (3) INTERMEDIATE CONVERSATIONAL FRENCH 3 Hrs. Lect.
Recommended Preparation: Concurrent enrollment in FREN 3. Practical conversational skills are developed through listening, speaking, 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)

FREN 11 (3) INTERMEDIATE CONVERSATIONAL FRENCH 3 Hrs. Lect.
Recommended Preparation: Concurrent enrollment in FREN 4. Continuation of FREN 10. Student must plan for an additional hour of individual language laboratory by arrangement. (CSU)

FREN 4ABC (1-1-1) LANGUAGELABORATORY 2 Hrs. Lab.
Individualized language laboratory practice with prepared taped materials and texts in the language laboratory. Practice in listening, comprehension, and pronunciation. Supplementary course beginning, intermediate and advanced levels in French. (Nontransferable, AA/AS degree only)

GEOG 1 (2) PHYSICAL GEOGRAPHY (CAN GEOG 2) 3 Hrs. Lect.
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 2 (3) CULTURAL GEOGRAPHY (CAN GEOG 4) 3 Hrs. Lect.
An introduction to the regions and cultures of the world. Emphasis on the contemporary demographic, linguistic, religious, and economic characteristics of major regions in the world. May be taken before GEOG 1. (CSU, UC)

HA 18 (4.5) ADMINISTRATIVE MEDICAL ASSISTANT I 4.5 Hrs. Lect.
Prerequisite: HTS. Course of study designed to prepare entry-level positions in hospital clerical and office workers. Medical-legal aspects, history of medicine, interpersonal communications, confidentiality, reception, registration, appointment control, record emergencies, professionalism and telephone communications are emphasized. (Nontransferable, AA/AS degree only)

HA 19 (4.5) ADMINISTRATIVE MEDICAL ASSISTANT II 4.5 Hrs. Lect.
Prerequisite: HA 18. This course is designed to prepare students to office manage employment, prepare the patients' medical records, understand medical care expenses, credit arrangements, bookkeeping procedures, collection on overdue accounts, health insurance, billing, general management. (Nontransferable, AA/AS degree only)

HA 20 (3.5) SPECIMEN COLLECTION AND LABORATORY PROCEDURES 3 Hrs. Lect.
Prerequisite: HA 19. This course is designed to prepare students to competently perform the functions of a specimen collector and laboratory worker. Introduction to the basics of lab practice, use of the microscope and other laboratory equipment, obtaining of capillary and venous blood samples, bacteriological cultures, urines, spiritum and stool specimens. (Nontransferable, AA/AS degree only)

HA 21 (3.5) EXAM ROOM PROCEDURES 3 Hrs. Lect. 1.5 Hrs. Lab.
Prerequisite: HA 20. This course is designed to prepare students in preparing patients for various types of exams, procedure of the eyes and ears, positioning and draping, assisting physician, language of charting, medical abbreviations and symbols, instrument identification and usage, aseptic technique, diagnostic tests and procedures, EKG, the use of medical symbols, emergency procedures, CPR, health care provider level. (Nontransferable, AA/AS degree only)

HA 22 (5.5) PHARMACOLOGY AND ADMINISTRATION OF MEDICATIONS 5.5 Hrs. Lect. 1.5 Hrs. Lab.
Prerequisite: HA 21. This course is designed to prepare students to understand medical-legal aspects, drug classifications, medical math, usage of PDR, abbreviations and symbols, writing prescriptions, charting, pharmacy calls, starting medications, methods of administering medications: orally, sublingually, topically, vaginally, and rectally. Conversion of orders to milligrams for injection, handling of and safety is using the syringe and needle, choosing correct size, identifying correct site for injection, injection technique of intradermal, subcutaneous and intramuscular (deep and Z-track), anaphylactic reaction, considerations of drug action and interactions. (Nontransferable, AA/AS degree only)

HA 23A (2) CLINICAL EXTERNSHIP I 6 Hrs. Lab.
Prerequisite: HA 19. Course is designed to enable the student to put didactic information and skills together in the work setting of the "front office" of a clinic or doctor's office. The medical assistant student is placed in a medical office, clinic, or HMO where he/she will gain hands on experience performing "front office" Medical Assistant duties. Students are required to be available days to attend the extern. The externship hours are similar to the schedule normally available in industry. (Nontransferable, AA/AS degree only)
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HA 23B (2)  CLINICAL EXTERNSHIP II  4 Hrs. Lab.
Prerequisite: HA 22. Course is designed to enable the student to put all didactic information and skills together in the work setting of a clinic or doctor office. The medical assistant student is placed at a medical office or clinic where he/she will gain hands on experience pertinent to the Medical Assistant Associate degree. The student is required to be available days to attend the externship. The externship hours are similar to the schedules normally available in industry. (Nontransferable, A/AAS degree only)

NURSING - CONTINUING EDUCATION

Health Assistant

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 personnel needs are identified. Enrollment fee will be charged.

HA 37 (1)  BASIC ARRHYTHMIA RECOGNITION
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 other individuals beginning cardipulmonary 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 competencies. (Same as ENRN 37) (CSU)

HEALTH EDUCATION

HE 1 (3)  HEALTH EDUCATION  3 Hrs. Lec.
Fundamentals of healthful living designed to provide scientific health information, and promote desirable attitudes and practices. Includes the study of first aid and the relationship of alcohol, narcotics, and smoking to health, and the factors involved in family and community health and safety. (CSU, UC)

HE 2 (3)  FIRST AID  3 Hrs. Lec.
The immediate and temporary care given in case of accident, illness and emergency childbirth. Course shall qualify students for the Standard or Advanced Red Cross First Aid Certificate. (CSU, UC)

HE 3 (2)  HEALTH EDUCATION-MILITARY SERVICE
Prerequisite: See above. This one-semester concept 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 present his/her DD214 or equivalents supporting document to the Veterans Assistant and registers for the credit. If the student registers for military credit and does not submit verification of service, he/she will be dropped as a No-Show and will not receive credit. He/she does not count for units towards VA, Financial Aid, or full-time student status. These are not contract hours. May receive credit only. (CSU)

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HEALTH TECHNOLOGIES

HT 1 (2)  INTRODUCTION TO HEALTH SCIENCE  2 Hrs. Lab.
This course is an introduction to health science professions. The course will focus on individual health care programs as well as associations of individual professions collaborate and integrate. Introduction to health care, professionalism, team building/communication, medical terminology, and ethical/legal issues will be explored. New and emerging professions and issues will be discussed. Major health problems will be explored and the impact of lifestyle, total environment, social and political issues analyzed. (Nontransferable, A/AAS degree only)

HT 2 (4)  MEDICAL TRANSCRIPTION  3 Hrs. Lec. 2 Hrs. Lab.
Prerequisites: HT 1 and ANAT 6. An advanced course of study in transcribing medical data onto appropriate health facility forms. Advanced medical terminology is used and increased speed in transcription is required. Upon completion of this course, the student should be prepared to accept a position as an experienced transcriptionist. (CSU)

HT 3 (2)  MEDICAL TERMINOLOGY  3 Hrs. Lec.
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 administration specialists. (CSU)

HT 4 (3)  MEDICAL TRANSCRIPTION  2 Hrs. Lec. 2 Hrs. Lab.
Prerequisites: HT 3. Ability to type 40 words per minute. Course of study designed to prepare students to transcribe data from a recording device into typewritten form using standard typewriters and/or microcomputers. Includes information placed on patient records in hospitals, doctors' offices or clinics. Upon completion of this course, the student should be prepared to accept an entry-level position as a medical transcriptionist. (CSU)

HT 5 (3)  PATIENT INFORMATION SYSTEMS  2 Hrs. Lec. 2 Hrs. Lab.
Prerequisites: HT 3. Ability to type 40 words per minute. Course of study designed to prepare students to use typewriters, word processors, computerized nursing data processing equipment (CRT's, disk 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. (CSU)

HT 6 (3)  MEDICAL INSURANCE  3 Hrs. Lec.
Prerequisites: HT 3. Ability to type 40 words per minute. Health care facilities depend 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 provide students with the practice and skill necessary so that billing office personnel can promptly and accurately submit insurance claims to a variety of carriers. (CSU)

HT 7 (3)  PATIENT ADMINISTRATION SERVICES  3 Hrs. Lec.
Course of study designed to prepare students for entry-level positions in hospitals, clinics or doctors' offices. Extensive exposure to various areas such as preadmissions, financial advisory services, billing, collections, and computer accounts is emphasized. Interdepartmental communications are stressed. (CSU)

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HT 8 (2)  MANAGEMENT OF PATIENT SERVICES  2 Hrs. Lec.
Course is designed for persons interested in patient services in hospitals, clinics, or doctors' offices. Emphasis will be placed on interdepartmental and interprofessional information is presented. Theory of organizational behavior is reviewed and personnel supervision is included. The role of the manager/supervisor is stressed. (CSU)

HT 9 (3)  ADVANCED MEDICAL TRANSCRIPTION  3 Hrs. Lec. 2 Hrs. Lab.
Prerequisites: HT 4 and ANAT 6. An advanced course of study in transcribing medical data onto appropriate health facility forms. Advanced medical terminology is used and increased speed in transcription is required. Upon completion of this course, the student should be prepared to accept a position as an experienced transcriptionist. (CSU)

HT 10 (2)  MEDICAL TERMINOLOGY  2 Hrs. Lec.
Prerequisites: MATH 080, HT 3, and ANAT 6. The Pharmacy Technician I is course is designed to develop knowledge and skill in identifying names, dosages, strengths, and common abbreviations for drugs dispensed from the pharmacy. The student will learn to receive orders for medications, transcribe onto pharmacy patient profiles, and type necessary labels. Other technical and clerical functions traditionally carried out by the pharmacist will be included. (CSU)

HT 11 (3)  MEDICAL TERMINOLOGY  3 Hrs. Lec.
Prerequisites: MATH 080, HT 3, and ANAT 6. The Pharmacy Technician II course continues to build upon the knowledge and skills learned in HT 12. In addition, the student learns to facilitate the distribution of Unit Dose medications, keep accurate records, do billing procedures, inventory control, drug purchasing and parenteral admixture 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  1 Hr. Lec.
First Aid CPR Module B: American Red Cross or American Heart Association certification in infant, child and adult CPR and First Aid (Same as CPRS 102) (CSU)

HISTORY

HIST 4A (3)  (CAN HIST 2)  HISTORY OF WESTERN CIVILIZATION I  3 Hrs. Lec.
A survey of the major developments in the Western heritage from the creation of the first prehistoric civilizations to the end of the 19th century. Emphasis is on the formation of the Western culture, religion, politics, and society. (CSU, UC)

HIST 4B (3)  HISTORY OF WESTERN CIVILIZATION II  3 Hrs. Lec.
A survey of Western civilization from the sixteenth century to the present in its political, economic, social and intellectual changes and developments are stressed. May be taken before HIST 4A. (CSU, UC)

HIST 17A (3)  (CAN HIST 8)  UNITED STATES HISTORY  3 Hrs. Lec.
This course is a survey of American history from the pre–Columbian era to the end of the Civil War. In particular, the course will cover the major political, economic, social, gender, racial, cultural and intellectual transformations of the colonial and early American eras. At the end of the course, each student will have a broad understanding of the pre–Columbian period, the colonial era, the early republic, the antebellum period, and the Civil War. (CSU, UC)

HIST 17B (3)  (CAN HIST 9)  UNITED STATES HISTORY  3 Hrs. Lec.
This course is a survey of American history from Reconstruction to the present. This course will cover the major social, racial, class, gender, economic, political, and environmental transformations of this era. Of special note will be an examination of America’s rise to global power. At the completion of this course students will have a broad understanding of the most important ideas, personalities, movement, and events in the modern period. (CSU, UC)

HIST 30 (3)  MEXICO AND THE AMERICAN SOUTHWEST  3 Hrs. Lec.
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. Lec.
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)

HIST 35 (3)  ORAL HISTORY  3 Hrs. Lec.
Through tape-recorded interviews and written documentation, oral history will be used as precisely and completely as possible. Course will emphasize Imperial Valley history and development. (CSU)

HIST 45A (3)  COMPARATIVE HISTORY OF THE AMERICAS  3 Hrs. Lec.
HIST 45A and HIST 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, customs, and traditions. HIST 45A deals with pre–Columbian American civilizations, European exploration, and the creation of nations. (CSU, UC)

HIST 45B (3)  COMPARATIVE HISTORY OF THE AMERICAS  3 Hrs. Lec.
HIST 45A and HIST 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 native and cultures of the America from independence to the present. (CSU, UC)
MODERN 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 Asia, Americas, and Africa. A cultural overview to early modern times is included. (CSU, UC)

HUMANS DIVISION HONORS PROGRAM

1-3 Hrs. Lec. (Nontransferable, AA/AS degree only)

HUMAN RELATIONS

The Human Relations curriculum with an Associate in Arts and Associate in Science degree have been designed to prepare students for employment as counselors, group aides, educational aides, vocational rehabilitation aides, teacher aides, eligibility workers, social service technicians and other preprofessional positions in the occupational "new careers" concepts in 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.

PEOPLE AND CAREER DEVELOPMENT

3 Hrs. Lec.

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 testing and discussing interests, aptitudes, abilities, attitudes, 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 lifestyle. (CSU)

SURVIVAL SKILLS FOR COLLEGE SUCCESS

1 Hr. Lec.

A course designed to assist students in the acquisition of techniques useful in the development of learning skills while providing information about college rules, regulations, services and programs to promote student success. Topics include time management, study skills, note taking, learning styles, test taking, library skills, financial resources and money management, and educational program planning. (Non transferable, AA/AS degree only)

PERSONAL AND SOCIAL DEVELOPMENT

1 Hr. Lec.

A course utilizing group dynamics, designed to encourage and develop insight into individual and group problems of adjustment, the utilization of personal potential, and the understanding of individual and group processes of development. (Nontransferable, AA/AS degree only)

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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 Asia, Americas, and Africa. A cultural overview to early modern times is included. (CSU, UC)

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 interactions between western and non-western societies. (CSU, UC)

HIST 21-29

COURSE DESCRIPTION

Prerequisites: Sophomore standing and admission program. Individual study with special guidance of instructor. Recommended for honors students in a major area offered by the division or for students requesting study in-depth in a particular area. By request of students and/or suggestion of instructor and approval of division chairperson. Interdisciplinary conference, with readings, discussion, reports.

HIST 21 (1-2)

HUMANITIES DIVISION HONORS PROGRAM

1-2 Hrs. Lec. (CSU) (UC credit limited. See a counselor.)

HIST 22 (1-2)

BUSINESS DIVISION HONORS PROGRAM

1-2 Hrs. Lec. (Nontransferable, AA/AS degree only)

HIST 23 (1-2)

BEHAVIORAL SCIENCE & SOCIAL SCIENCE DIVISION HONORS PROGRAM

1-2 Hrs. Lec. (CSU) (UC credit limited. See a counselor.)

HIST 25 (1-2)

AUTOMOTIVE-AGRICULTURAL TECHNOLOGY DIVISION HONORS PROGRAM

1-2 Hrs. Lec. (Nontransferable, AA/AS degree only)

HIST 26 (1-2)

ENGLISH DIVISION HONORS PROGRAM

1-2 Hrs. Lec. (CSU) (UC credit limited. See a counselor.)

HIST 37 (1-2)

SCIENCE DIVISION HONORS PROGRAM

1-2 Hrs. Lec. (CSU) (UC credit limited. See a counselor.)

HIST 28 (1-2)

MATHEMATICS-ENGINEERING DIVISION HONORS PROGRAM

1-2 Hrs. Lec. (CSU) (UC credit limited. See a counselor.)
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INDST 98BCD (1-1, 1-1, 1-1, 1-1)

Individuals Studied for the Learning Center
2-4 hrs. Lab.
An individualized course of study in any discipline utilizing materials from appropriate classroom or those available in the Learning Center. (Nontransferable, nondegree applicable)

JOURNALISM

JRN 1 (3)
INTRODUCTION TO JOURNALISM
3 Hrs. Loc.
Recommended Preparation: Eligibility for ENGL 2B or ENGL 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 (3-3-3)
NEWSPAPER PRODUCTION
6 Hrs. Lab.
Recommended Preparation: JRN 1. Course provides a concrete introduction to principles and techniques of newspaper production through work on the student newspaper. Students assume specific staff positions with corresponding responsibilities for the paper's production. Lab work includes editing of story, planning pages, headlining, proofreading, and pasteup. (CSU)

JRN 10 (3)
CAREER JOURNALISM
3 Hrs. Loc.
The course focuses on the newspaper as a vehicle for communication. Students study the basic components of print journalism including types of articles, writing style, interview techniques and ethics. The students will write news articles, develop accuracy and analyze news sources. Interviewing techniques will be applied to specific reporting situations covering campus and community functions. The students will prepare these articles for publication in the Imperial Valley Press. (CSU)

LEGAL ASSISTANT

LEGAL13(3)
LEGAL RESEARCH
3 Hrs. Loc.
Introduction to legal research and writing. The course will provide a comprehensive working knowledge of and an understanding of legal research materials in a legal setting. The course covers basic methods of legal research, sources of available statutory law and case law information including the use of Shepard's, Citations and Lexis and Westlaw computerized legal search systems. Students will learn to develop research strategies. In addition, students will learn to keep a legal memorandum and briefs. (CSU)

LEGAL22(3)
CRIMINAL PROCEDURES AND FAMILY LAW
3 Hrs. Loc.
Course consists of two Modules. The first is Civil Procedure and the second is Family Law. The Civil Procedure Module covers theory, concepts, rules, types of evidence, proving Prima Facie Cases, rules pertaining to parties and representation, federal and state court systems, procedure for the removal of State Court Actions for transfer to the Federal Court System, initiation of Federal and State Court Actions, remedies available in Federal and State Court, Alternative Dispute Resolution Methods, drafting and filing Complaints, Answers, Counterclaims, Pre-Trial Motions, and In-Court Trial Procedures. (CSU)

LEGAL25(3)
REAL ESTATE LAW FOR LEGAL ASSISTANTS
3 Hrs. Loc.
Course consists of one Module. It covers origins of Property Law, source of Law, definitions of technical terms in reference to Law, court actions that are available under Law and Equity, Federal and State Court System, definitions in terms of reference to Property, Property Rights, components that are part of land, classification of Estates, restrictions of Real Estates, Rules and compensation of Real Estate Brokers, technical aspects of a Real Estate Purchase Contract and Receipt for Deposit, Agency Law, methods of acquisition in Real Estate, rights in Real Property, types and forms of Deeds, purpose and use of Escrows, duties and responsibilities of Escrow Agents, creation and sale of both, Escrows, types of Title Insurance, Restrictions placed on land use, technical description of land, investment regulation affecting real property, Escheats, receiver, Trustees, Trustees, and the technical aspects of leases. (CSU)

LEGAL26 (3)
WILLS, TRUSTS, PROBATE
AND ESTATE ADMINISTRATION
3 Hrs. Loc.
Course covers definition of technical terms used in probate, trusts and estate administration, relationships that can exist when one party enters into an invalid marriage, testamentary agreements, dissolution of marriage, child-support rights, divisions of Community Property in Community, and Non-Community Property States, and the Uniform Child custody Jurisdiction Act. (CSU)

LEGAL27(3)
CIVIL DISCOVERY AND TORTS
3 Hrs. Loc.
This course consists of two Modules. The first is Civil Discovery and includes The Discovery Module discusses the purpose of Discovery, Devices used in Discovery, Scope of Discovery, Discovery Process, Categories of Information that can be obtained on Discovery, discovery objections, handling answers to Interrogatories, and how Discovery Rights can be enforced. The second Module covers Categories of Torts, Definition of works, peace, and terms related to Tort Law, the elements of Negligence, Tort Actions is survival and wrongful death, causes of action of Product Liability, Defenses that can be raised in Product Liability Cases, Warranties, Intentional Torts, Torts connected with Land, Business Torts, Doctrine of strict Liability, and Privilege, Immunity, and Consent in Reference to Tort Liability. (CSU)

LEGAL28(3)
CORPORATIONS AND BANKRUPTCY
3 Hrs. Loc.
This course consists of two Modules. The first is Corporations and the second is Bankruptcy. The Corporations Module covers the characteristics, classification, advantages and disadvantages of Corporations covered is Sub-Chapter 5 Corporations, purpose of a Professional Corporation, legal process of incorporation, the various classes of corporate stock. Also covered are Articles of Incorporation, Corporations of a Limited Liability Company, procedures for forming a partnership, limited liability, nature and advantages and disadvantages of a Limited Liability Company. The Bankruptcy Module covers the nature and purpose of Bankruptcy, basic differences between Federal Bankruptcy and State Debtor-Creditor Law, Bankruptcy Statistics, various chapters of the Bankruptcy Code, general forms of Bankruptcy relief, duties of the Bankruptcy Trustee in keeping with the various chapters. Also covered are the initiation, filing and technical aspects of voluntary bankruptcy, initiation and technical aspects of an involuntary bankruptcy, Chapter 7 and 11, except property, assets, fraudulent transfers, property transfers after filing bankruptcy, the effects of Bankruptcy on associated Claims, bankruptcy court, obligations that are discharged by bankruptcy, Chapter 11 and 13 Bankruptcy proceedings and Bankruptcy documentation. (CSU)

LEGAL29(3)
REAL ESTATE LAW FOR LEGAL ASSISTANTS
3 Hrs. Loc.
Course consists of one Module. It covers origins of Property Law, source of Law, definitions of technical terms in reference to Law, court actions that are available under Law and Equity, Federal and State Court System, definitions in terms of reference to Property, Property Rights, components that are part of land, classification of Estates, restrictions of Real Estates, Rules and compensation of Real Estate Brokers, technical aspects of a Real Estate Purchase Contract and Receipt for Deposit, Agency Law, methods of acquisition in Real Estate, rights in Real Property, types and forms of Deeds, purpose and use of Escrows, duties and responsibilities of Escrow Agents, creation and sale of both, Escrows, types of Title Insurance, Restrictions placed on land use, technical description of land, investment regulation affecting real property, Escheats, receiver, Trustees, Trustees, and the technical aspects of leases. (CSU)

LEGAL54 (3)
INTRODUCTION TO MEDIA SERVICES
3 Hrs. Loc.
Recommended Preparation: Eligibility for ENGL 2A and ENGL 12A and completion of LIBR 51. This course will cover the provision and utilization of media services in the library setting. Included will be the history and philosophy of media services, operation of various types of media equipment, scheduling, tracking, troubleshooting and the repair and minor repair of media equipment. Acquisition of rental material will also be covered. (Nontransferable, AA/AS degree only)

LIBRARY55(3)
INTRODUCTION TO CATALOGING AND CLASSIFICATION
Recommended Preparation: Library 51 and 52; Eligibility for English 2A and ENGL 12A and completion of LIBR 51. This course will cover the range of informational and reference services offered in libraries. Topics will include the reference interview, bibliographic control, organization of reference materials, classification, and reference services. Trends in reference, library instruction, staff training, evaluation of reference services, organization and management of reference services, various types of reference materials and a philosophy of service. (Nontransferable, AA/AS degree only)

LIBRARY56(3)
INFORMATION AND REFERENCE SERVICES
3 Hrs. Loc.
Recommended Preparation: Eligibility for ENGL 2A and ENGL 12A and completion of LIBR 51. This course will cover the range of informational and reference services offered in libraries. Topics will include the reference interview, bibliographic control, organization of reference materials, classification, and reference services. Trends in reference, library instruction, staff training, evaluation of reference services, organization and management of reference services, various types of reference materials and a philosophy of service. (Nontransferable, AA/AS degree only)

MATHMATICS

New Students
New students are expected to complete the assessment process in math, consisting of the required counseling interview. Placement and recommendations for enrollment in math classes will be made at the time of the counseling interview.

Continuing Students
When a student enters math course, students must earn a grade of "C" or better in order to advance to the next course level in the sequence.

Prerequisites
Prerequisites may be satisfied by taking the required course at Imperial Valley College or a comparable course at another college, or in some cases, a high school equivalent course. MATH 090 (formerly Math A), Intermediate Algebra, has a high school equivalent of 1 year of second-year algebra completed with a grade of "C" or better for both semesters.

SPECIAL NOTE: MATH 070, 080 and 090 (formerly Math 51, X and X respectively) are treated by some universities and state colleges as high school subjects. It is the responsibility of the student to check with the college to which he/she intends to transfer to identify deficiencies which must be removed or to plan the sequence of courses which must be completed.
Formerly MATH 6)

Basic Mathematics

3 Hrs. Lab.

A hands-on mathematics laboratory aimed at supporting courses requiring computer assignments and providing students access to specialized software/hardware, which might not otherwise be available to students. Course offered for credit/no credit only. (Nontransferable, nongrade applicable) (MATH 060 - Formerly MATH 51)

MATHEMATICAL REASONING

3 Hrs. Lab.

Recommended Preparation: Placement for College-Level Math. A program aimed at developing student learning and motivation, particularly for those students who are deficient in their ability to reason mathematically. Course is specific for self-directed student learning. (Nontransferable, AAS/degree applicable) (MATH 070 - Formerly MATH 51)

MATH 079 (3)

Basic Mathematics

3 Hrs. Lab.

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. (Nontransferable, nongrade applicable) (MATH 070 - Formerly MATH 51)

MATHEMATICAL REASONING

3 Hrs. Lab.

Recommended Preparation: Completion of College-Level Math. A program aimed at developing student learning and motivation, particularly for those students who are deficient in their ability to reason mathematically. Course is specific for self-directed student learning. (Nontransferable, AAS/degree applicable) (MATH 080 - Formerly MATH 10A)

BEGINNING ALGEBRA

3 Hrs. Lab.

Recommended Preparation: Placement for College-Level Math. A course aimed at providing an introduction to algebra for students who have not had previous experience with algebra. Course is specific for self-directed student learning. (Nontransferable, AAS/degree applicable) (MATH 100 - Formerly MATH 10B)

MATH 100 (4)

Intermediate Algebra

4 Hrs. Lab.

Recommended Preparation: Placement for College-Level Math. A course aimed at providing an introduction to algebra for students who have not had previous experience with algebra. Course is specific for self-directed student learning. (Nontransferable, AAS/degree applicable) (MATH 104 - Formerly MATH 10C)

MATH 104 (6)

Beginning Calculus

6 Hrs. Lab.

Recommended Preparation: Placement for College-Level Math. A course aimed at providing an introduction to calculus for students who have not had previous experience with calculus. Course is specific for self-directed student learning. (Nontransferable, AAS/degree applicable) (MATH 194 - Formerly MATH 12)

MATH 12 (3)

Introductory Statistics

3 Hrs. Lab.

Recommended Preparation: Placement for College-Level Math. A course aimed at providing an introduction to statistics for students who have not had previous experience with statistics. Course is specific for self-directed student learning. (Nontransferable, AAS/degree applicable) (MATH 196 - Formerly MATH 14)

MATH 14 (4)

Advanced Algebra and Trigonometry

4 Hrs. Lab.

Recommended Preparation: Placement for College-Level Math. A course aimed at providing an introduction to advanced algebra and trigonometry for students who have not had previous experience with advanced algebra and trigonometry. Course is specific for self-directed student learning. (Nontransferable, AAS/degree applicable) (MATH 198 - Formerly MATH 16)

MATH 16 (3)

Calculus

3 Hrs. Lab.

Recommended Preparation: Placement for College-Level Math. A course aimed at providing an introduction to calculus for students who have not had previous experience with calculus. Course is specific for self-directed student learning. (Nontransferable, AAS/degree applicable) (MATH 144 - Formerly MATH 12)

MATH 124 (3)

Introduction to Differential Equations

3 Hrs. Lab.

Recommended Preparation: Placement for College-Level Math. A course aimed at providing an introduction to differential equations for students who have not had previous experience with differential equations. Course is specific for self-directed student learning. (Nontransferable, AAS/degree applicable) (MATH 144 - Formerly MATH 16)

Introduction to Linear Algebra with Applications

3 Hrs. Lab.

Recommended Preparation: Placement for College-Level Math. A course aimed at providing an introduction to linear algebra for students who have not had previous experience with linear algebra. Course is specific for self-directed student learning. (Nontransferable, AAS/degree applicable) (MATH 144 - Formerly MATH 16)

Introduction to Discrete Mathematics

3 Hrs. Lab.

Recommended Preparation: Placement for College-Level Math. A course aimed at providing an introduction to discrete mathematics for students who have not had previous experience with discrete mathematics. Course is specific for self-directed student learning. (Nontransferable, AAS/degree applicable) (MATH 144 - Formerly MATH 16)

Introduction to Music Theory

3 Hrs. Lab.

Recommended Preparation: Placement for College-Level Math. A course aimed at providing an introduction to music theory for students who have not had previous experience with music theory. Course is specific for self-directed student learning. (Nontransferable, AAS/degree applicable) (MATH 144 - Formerly MATH 16)

Introduction to Music Theory

3 Hrs. Lab.

Recommended Preparation: Placement for College-Level Math. A course aimed at providing an introduction to music theory for students who have not had previous experience with music theory. Course is specific for self-directed student learning. (Nontransferable, AAS/degree applicable) (MATH 144 - Formerly MATH 16)
MUS 8B (2) BEGINNING MUSICALITY 2 Hrs. Lab. A continuation of Mus 8A. (CSU, UC)

MUS 9C (3) INTERMEDIATE MUSICALITY 3 Hrs. Lab. A comprehensive study of the theory of music to include skills and creative experiences in traditional harmony. An introduction to 20th century harmony, and melodic styles. (CSU, UC)

MUS 9D (3) INTERMEDIATE MUSICALITY 3 Hrs. Lab. A study of music and keyboard repertoire. (CSU, UC)

MUS 10A (1) BEGINNING GROUP PIANO 1 Hr. Lab. A course structured to correlate those musical skills, techniques and understandings which are basic to a comprehensive keyboard musicianship at the early level of study. (CSU, UC)

MUS 10B (1) BEGINNING GROUP PIANO II 1 Hr. Lab. A continuation of MUS 10A. (CSU, UC)

MUS 11A (1) INTERMEDIATE GROUP PIANO I 1 Hr. Lab. 2 Hrs. Lab. A course structured for those students who have attained the performance skill competencies required in Beginning Group Piano. (CSU, UC)

MUS 11B (1) INTERMEDIATE GROUP PIANO II 1 Hr. Lab. 2 Hrs. Lab. A continuation of MUS 11A. (CSU, UC)

MUS 12A (1-1) BEGINNING CLASS GUITAR 1 Hr. Lec. 2 Hrs. Lab. A basic course on how to accompany the guitar. Stresses will be placed on tuning, chording, different types of strums and elementary transposition. (CSU, UC)

MUS 12B (1-1) INTERMEDIATE CLASS GUITAR 1 Hr. Lec. 2 Hrs. Lab. A continuation of MUS 12A with the following additional. 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)

MUS 13A (1) BEGINNING CLASS VOICE 1 Hr. Lec. 2 Hrs. Lab. This course introduces the student to the basic elements of singing. (CSU, UC)

MUS 13B (1) BEGINNING CLASS VOICE 1 Hr. Lec. 2 Hrs. Lab. A continuation of MUS 13A. (CSU, UC)

MUS 16 (1) INTERMEDIATE CLASS VOICE 1 Hr. Lec. 1 Hr. Lab. A continuation of MUS 15B. (CSU, UC)

MUS 17ABCD (1-1-1-1) CHAMBER SINGERS 2 Hrs. Lec. 1 Hr. Lab. A study and performance representative of a wide variety of all styles, sacred and secular, a cappella, and accompanied. A minimum of six outside performances required per semester. (CSU, UC)

MUS 18ABCD (1-1-1-1) CHAMBER ORCHESTRA 2 Hrs. Lec. 1 Hr. Lab. A study and performance literature for a wide variety of all styles and periods. Performance in local communities and in campus are required. (CSU, UC)

MUS 19ABCD (1-1-1-1) INSTRUMENTAL ENSEMBLE 2 Hrs. Lec. 1 Hr. Lab. A performance organization specializing in literature for string, brass, woodwind, and percussion ensembles, or any combination thereof. (CSU, UC)

MUS 20 (3) HISTORY AND LITERATURE OF MUSIC 3 Hrs. Lec. A course designed to provide a comprehensive and varied study of music from ancient to contemporary time periods. Emphasis on the social and artistic factors that influence the developments of each. (CSU, UC)

MUS 20A (3) MODERN MUSIC LITERATURE AND LISTS 3 Hrs. Lec. An introductory course in music literature. (CSU, UC)

MUS 20B (3) HISTORY AND LITERATURE OF MUSIC 3 Hrs. Lec. A continuation of MUS 20A. (CSU, UC)

MUS 21ABC (1-1-1) BRASS, WOODWIND AND PERCUSSION METHODS 1 Hr. Lec. 1 Hr. Lab. In-depth study and performance of literature for brass, woodwind, string, and percussion instruments. (CSU, UC)

MUS 25A (1-1-1) STAGE BAND 1 Hr. Lec. 1 Hr. Lab. A performance ensemble specializing in the literature of the stage and the jazz band tradition. (CSU, UC)

MUS 26AB (1-1-1) REHEARSAL AND PERFORMANCE 2 Hrs. Lab. An in-depth study of rehearsal preparation and performance techniques necessary for developing and refining improvisation techniques and performance techniques. (CSU, UC)

MUS 27 ABC (1-1-1) CONCERT BAND 1 Hr. Lab. A performance organization specializing in literature for the wind band. (CSU, UC)

MUS 28ABC (1-1-1) COLLEGE-COMMUNITY CHORUS 1 Hr. Lec. 1 Hr. Lab. A study of the various choral techniques and choral music written for mixed choirs and choirs of any combination. (CSU, UC)

MUS 29ABC (1-1-1) STUDIANTINA 1 Hr. Lec. 1 Hr. Lab. A performance organization with experience and proficiency in literature written for singing. (CSU, UC)

MUS 30 (3) INTRODUCTION TO MUSIC LITERATURE AND LISTS 3 Hrs. Lec. A course designed to provide a comprehensive and varied study of music from ancient to contemporary time periods. Emphasis on the social and artistic factors that influence the developments of each. (CSU, UC)
Students are responsible for prerequisite requirements for general education courses. Transportation to class and to clinical laboratory is the responsibility of the student.

Application Procedure

1. Apply for admission to the college.
2. Take the college placement tests in Math and English.
3. Submit two transcripts from high school and previous college work including IVC. Send one copy to the college admission office and one to the respective department.
4. Apply for admission to the Nursing Program.

Students will be admitted to the program each semester. Applications will be accepted until March 1 prior to Fall admission and until August 1 for Spring admission. All students will be notified by mail approximately six weeks later.

Progression Policies

1. The required nursing and general education courses outlined on pages 122 and 133 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 those 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 previous to enrollment must be repeated. Other courses are evaluated on an individual basis. PSYCH 1A & PSYCH 35 taken more than ten years ago must be repeated.
4. Nursing courses may be repeated one time. If a student is unsuccessful a second time, he/she must repeat the program.

ADVANCED PLACEMENT

TRACK I

All students who meet the admission criteria of the Imperial Valley College Nursing Program will be granted advanced placement upon meeting all of the following requirements:

1. Copy of high school transcript or diploma or GED.
2. Hold current license to practice as a Vocational Nurse in California.
3. Show evidence of employment after being licensed as an LVN.
4. Complete the following courses with a grade of “C” or better before applying:
   - BIOL 1110 and 112* (or ANAT 8 or PHYSIO 1)
   - 5 units Human Anatomy/Physiology
   - BOIL 21
   - 5 units General Microbiology

IMPERIAL VALLEY COLLEGE

GENERAL CATALOG 2003-2004

ENGL 1A 3 units Reading and Composition
PSYCH 1A** 3 units General Psychology
PSYCH 35* 3 units Developmental Psychology
Humaneites Elective 3 units
(4 units may be completed in the third semester or before)
 Oral Communication 3 units
(4 units may be completed in the fourth semester or before)
American Institutions 3-6 units
(4 units may be completed in the fourth semester or before)

* Courses must be taken within the past five (5) years.
**Courses must be taken within the past ten (10) years.

Students are advised to meet with their counselors to confirm both Nursing and Degree requirements for graduation.

A minimum grade point average of 2.0 or "C" on completed work is required.

Application Procedure

1. Make an appointment with the director of nursing to determine admission.
2. Apply to the Nursing Program. The deadline is March 1st for Fall admission. Attach copies of LVN license and CPR certification.
3. Submit official transcripts of previous college courses including Imperial Valley College.
4. Complete necessary health forms.
5. It is strongly recommended that students complete PSYCH 1A and Transition Course, which includes check off skills required to enter NURS 3AR.
6. Students must sign acknowledgement regarding TRACK II limitations.

Course of Study

After completion of previously identified advanced placement procedures:
NURS 1A R (5) INTRODUCTION TO PATIENT CARE I
2 Hrs. Lee. 9 Hrs. Lab.
Prerequisites: Admission to the associate degree nursing program, Health Technology 3, Biol 110 & 112 or Anat 8 and Physiol 1, Psychology 1A, English 1A, Psychology 35, Current CPR, Certification (American Heart Health Care Provider Course only) Theory and skills basic to the provision of safe nursing care introduced in the classroom, skills laboratory. Components of the nursing process are studied. Parameters of health are defined and the physical and psychological needs of the normal individual are explored. Concurrently in clinical sessions, the student relates learned skills and theory to the care of patients with well-defined commonly occurring illnesses in community and hospital setting. (CSU)

NURS 1A V (5) INTRODUCTION TO PATIENT CARE I
2 Hrs. Lee. 9 Hrs. Lab.
Prerequisites: HT 3, ANAT 6, PSYCH 1A, ENG 1A, Current CPR Certification (American Heart Health Care Provider Course only) Theory and skills basic to the provision of safe nursing care introduced in the classroom, skills laboratory. Components of the nursing process are studied. Parameters of health are defined and the physical and psychological needs of the normal individual are explored. Concurrently in clinical sessions, the student relates learned skills and theory to the care of patients with well-defined commonly occurring illnesses in community and hospital setting. (CSU)

NURS 1B R (5) INTRODUCTION TO PATIENT CARE II
2 Hrs. Lee. 9 Hrs. Lab.
Prerequisites: NS 1A V, NS 1C V or permission of instructor. Communication skills are presented in this course. Basic psychological and physiological concepts related to stress that cause disruptions in the individual’s ability to adapt to his/her environment are presented in the classroom. Concurrently in clinical sessions, the student relates learned skills and theory to the care of clients with well-defined commonly occurring illnesses in the hospital setting. (CSU)

NURS 1B V (5) INTRODUCTION TO PATIENT CARE II
2 Hrs. Lee. 9 Hrs. Lab.
Prerequisites: NS 1A V, NS 1C V or permission of instructor. Communication skills are presented in this course. Basic psychological and physiological concepts related to stress that cause disruptions in the individual’s ability to adapt to his/her environment are presented in the classroom. Concurrently in clinical sessions, the student relates learned skills and theory to the care of clients with well-defined commonly occurring illnesses in the hospital setting. (CSU)

NURS 1C R (5) PHARMACOLOGY I
1.5 Hrs. Lee. 2.5 Hrs. Lab.
Prerequisite: Admission to the Nursing Program or permission of the instructor. The first of three nine-week courses designed to provide a progressive and sequential study of commonly 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)

NURS 1C V (5) PHARMACOLOGY I
1.5 Hrs. Lee.
Prerequisite: Admission to the Nursing Program or permission of the instructor. The first of three nine-week courses designed to provide a progressive and sequential study of commonly 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)

NURS 1D R (5) MATERNITY CYCLE I
2.5 Hrs. Lee. 9 Hrs. Lab.
Prerequisite: NURS 2B R (5) 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 maturity cycle. Consideration is given to the physiological, psychological, social, and economic factors which affect the mother, the family and the family as a whole. Concurrent classroom and clinical experience are provided. (CSU)

NURS 1D V (5) MATERNITY CYCLE I
2.5 Hrs. Lee.
Prerequisite: Admission to the Nursing Program or permission of the instructor. An introductory course in Pharmacology designed to 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 (V). (CSU)

NURS 2A R (5) MATERNITY CYCLE II
2.5 Hrs. Lee. 9 Hrs. Lab.
Prerequisite: NURS 2B R (5) 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 maturity cycle. Consideration is given to the physiological, psychological, social, and economic factors which have impact on the mother, infant, and the family as a whole. Concurrent classrooms and clinical experience are provided. (CSU)

NURS 2A V (5) MATERNITY CYCLE II
2.5 Hrs. Lee.
Prerequisite: NURS 2B R (5) 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 maturity cycle. Consideration is given to the physiological, psychological, social, and economic factors which have impact on the mother, infant, and the family as a whole. Concurrent classrooms and clinical experience are provided. (CSU)

NURS 2B R (5) COMMON HEALTH PROBLEMS I
2.5 Hrs. Lee. 9 Hrs. Lab.
Prerequisite: NURS 1B (R), NURS 3C (R) or permission of the instructor. The first of three nine-week courses designed to provide a progressive and sequential study of commonly well-defined health problems. The concepts acquired in previous courses are applied with increasing complexity to caring for individuals of all ages. The 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)

NURS 2B V (5) COMMON HEALTH PROBLEMS I
2.5 Hrs. Lee.
Prerequisite: NURS 1B (V), NURS 3C (V) or permission of the instructor. The first of three nine-week courses designed to provide a progressive and sequential study of commonly well-defined health problems. The concepts acquired in previous courses are applied with increasing complexity to caring for individuals of all ages. The 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)

NURS 2C R (2) PHARMACOLOGY II
2 Hrs. Lee.
Prerequisite: NURS 1B (R), NURS 1C (R) 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 rationale for nursing actions are covered. Clinical application is integrated into the clinical nursing courses. (CSU)

NURS 2C V (2) PHARMACOLOGY II
2 Hrs. Lee.
Prerequisite: NURS 1B (V), NURS 1C (V) or permission of the instructor. The second of three nine-week courses designed to provide a progressive and sequential study of commonly well-defined health problems. The concepts acquired in previous courses are applied with increasing complexity to caring for individuals of all ages. The 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)

NURS 3A R (5) COMMON HEALTH PROBLEMS II
2.5 Hrs. Lee. 9 Hrs. Lab.
Prerequisite: NURS 2A (R), NURS 2C (R), and NURS 2B (R) or permission of the instructor. The second of three nine-week courses designed to provide a progressive and sequential study of commonly well-defined health problems. The concepts acquired in previous courses are applied with increasing complexity to caring for individuals of all ages. The 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)

NURS 3A V (5) COMMON HEALTH PROBLEMS II
2.5 Hrs. Lab.
Prerequisite: NURS 2A (V), NURS 2C (V), and NURS 2B (V) or permission of the instructor. The second of three nine-week courses designed to provide a progressive and sequential study of commonly well-defined health problems. The concepts acquired in previous courses are applied with increasing complexity to caring for individuals of all ages. The 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)

NURS 3B R (5) COMMON HEALTH PROBLEMS III
2.5 Hrs. Lee. 9 Hrs. Lab.
Prerequisite: NURS 3A (R) or permission of the instructor. The final nine-week course designed to provide a progressive and sequential study of commonly well-defined health problems. The concepts acquired in previous courses are applied with increasing complexity to caring for individuals of all ages. The 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)

NURS 3B V (5) COMMON HEALTH PROBLEMS III
2.5 Hrs. Lee.
Prerequisite: NURS 3A (V) or permission of the instructor. The final nine-week course designed to provide a progressive and sequential study of commonly well-defined health problems. The concepts acquired in previous courses are applied with increasing complexity to caring for individuals of all ages. The 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)
 COMMON BEALTH PROBLEMS

ADVANCED NURSING

tion attitudes and challenge the home care through diaetic and clinical experiences. Topics include current issues of reimbursement and regulations, roles and responsibilities of the home health nurse, documentation, quality assessment, interprofessional aspect, risk management and future trends in home health nursing. (CSU)

NURSING TRENDS

CCU or for treatment and/or transfer, AAS degree only)

NURS 3 (1)

NURSING: TRANSITION COURSE

I. 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 and nursing interventions for selected health conditions. (CSU)

NURS 6 (1)

NURSING: TRANSITION COURSE

I. 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 into the vocational nursing program. Course content includes the nursing process and nursing skills. A skills lab component is included. (Nontransferable, AAS degree only)

RN 38 (3)

HOME HEALTH NURSING

1.5 hrs. Loc, 4.5 hrs. Lab.

Prerequisite: ADN graduate or licensed RN. Addresses opportunities and challenges in home care through didactic and clinical experiences. Topics include current issues of reimbursement and regulations, roles and responsibilities of the home health nurse, documentation, quality assessment, interprofessional aspect, risk management and future trends in home health nursing. (CSU)

RN 40 (2)

INTRAVENTRORY THERAPY TECHNIQUES

2 hrs. Loc.

Prerequisite: Permission of the instructor. A course in intravenous therapy which includes fluid solutions of electrolytes, nutrients, vitamins, blood and blood products. (Same as VN 40) (CSU)

RN 41 (3)

PHYSICAL ASSESSMENT SKILLS

3 hrs. Loc.

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 demonstrations. Individuals who wish to improve their physical assessment skills are the focus of this course. (CSU)

VN 37 (1)

BASIC ARYTHMIA RECOGNITION

1 hr. Loc.

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 cardiopulmonary 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 HA/N 37) (CSU)

VN 40 (2)

INTRAVENTRORY THERAPY TECHNIQUES

2 hrs. Loc.

Prerequisite: Permission of the instructor. A course in intravenous therapy which includes fluid solutions of electrolytes, nutrients, vitamins, blood and blood products. (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:

Criteria

1. Graduate of a state-accredited hospital school of nursing which had a curriculum covering the five basic areas of nursing (medicine, surgery, obstetrics, pediatrics, psychiatry).
2. Present California Registered Nurse License.
3. Present enrollment at Imperial Valley College.

NURS 2 (3)

FOUNATIONS OF NURSING

3 hrs. Loc.

Prerequisite: Permission of the instructor. Scientific concept of nutrition in relation to the function of nutrition in the basic life processes. Examines the major aspects of nutritional services within a health care facility, concentration of weight-bearing food services program. The course includes child and adult nutrition application to basic food and food service programs. (CSU)

PHIL 1A (3)

INTRODUCTION TO PHILOSOPHY

3 hrs. Loc.

Mas's interpretation of the nature and meaning of reality. Emphasis placed upon the existence of God, free will, and mind-body problems. (CSU, UC)

PHIL 1B (3)

INTRODUCTION TO PHILOSOPHY

3 hrs. Loc.

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)

PHIL 10 (3)

LOGIC

3 hrs. Loc.

An introduction to deductive and inductive logic. Attention focused upon the relationship between logic and language fallacies, and the use of logic in everyday life. (CSU, UC)

PHIL 11 (3)

ETHICS

3 hrs. Loc.

An introduction to significant and typical value theories and systems, and of the concrete problems such theoretics 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. Loc.

An introduction to the various contemporary religions of the world with emphasis on the psychological and theological development. Study of basic beliefs of such religions as Hinduism, Buddhism, Taoism, Zen. (CSU, UC)

PHIL 26 (3)

PHIL 27 (3)

PHYSICAL EDUCATION

Each student is required by district policy to schedule one activity course and PE 25 in order to meet IVC graduation requirements. A student may take A-B-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 present his/her DD214 or equivalent supporting document to the Veteran's assistant and register for the course. If the student registers for the class for military credit and does not submit verification of service, he/she will be dropped as a No-Show 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 2ABC (1)

SOFTBALL, WOMEN

2 hrs. Lab.

This course is designed to emphasize the basic fundamentals, skills and rules of the game of softball. (CSU, UC credit limited. See a counselor.)

PE 3ABC (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 4ABC (1-1-1)

BADMINTON, COED

2 hrs. Lab.

Emphasizes rules, background and techniques of playing badminton. (CSU, UC credit limited. See a counselor.)

PE 5ABC (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.)

PE 6ABC (2-2-2)

LIFEGUARD TRAINING/ADVANCED LIFESAVING

1.5 hrs. Loc, 1.5 hrs. Lab.

Prerequisites: Swim 500 yds. 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 satisfies the aquatic skill requirements for the American Red Cross Lifeguard Training and Advanced Lifesaving courses. (CSU, UC credit limited. See a counselor.)
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**PE 40ABC (2.3-2.2) SYNCHRONIZED SWIMMING**  
10 Hrs. Lab.  
Synchronized swimming is the concept of swimming as an art form. The student will practice elements of the art form and will prepare for participation in synchronized swimming events. (CSU) (UC credit limited. See a counselor.)

**PE 41AB (2-2)**  
**INTERCOLLEGIATE VOLLEYBALL AND P.E.**  
10 Hrs. Lab.  
Eligibility will be determined by Conference rules; IVC guidelines in the AS Handbook for athletics will also apply. This course is designed to give the individual a well-rounded knowledge in volleyball and to help develop a relationship of athletes to other matters such as exercise, recreation, sportsmanship, and competition. The student must schedule for a minimum of 10 hours per week. (CSU) (UC credit limited. See a counselor.)

**PE 42AB (2-2)**  
**INTERCOLLEGIATE SOCCER AND P.E.**  
10 Hrs. Lab.  
Eligibility will be determined by Conference rules; IVC guidelines in the AS Handbook for athletics will also apply. Theory and practice of soccer. Limited to students trying out for varsity team. The student must schedule for a minimum of 10 hours per week. (CSU) (UC credit limited. See a counselor.)

**PE 43AB (2-2)**  
**INTERCOLLEGIATE GOLF AND P.E.**  
10 Hrs. Lab.  
Eligibility will be determined by Conference rules; IVC guidelines in the AS Handbook for athletics will also apply. Theory and practice of women's golf. Limited to students trying out for varsity team. The student must schedule for a minimum of 10 hours per week. (CSU) (UC credit limited. See a counselor.)

**PE 44ABCD (1-1-1-1) SELF-DEFENSE**  
2 Hrs. Lab.  
A study of the art of self-defense through boxing, wrestling and elements of martial arts as it relates to self-defense. (CSU) (UC credit limited. See a counselor.)

**PE 45ABCD (1-1-1-1) INDIVIDUAL SPORTS FOR THE PHYSICALLY DISABLED**  
2 Hrs. Lab.  
This course is designed to promote individual skill development for the physically disabled student. (CSU) (UC credit limited. See a counselor.)

**PE 46ABCD (1-1-1-1) GROUP SPORTS FOR THE PHYSICALLY DISABLED**  
2 Hrs. Lab.  
This course is designed to broaden the physically disabled student's awareness of group activities and develop a willingness to participate. (CSU) (UC credit limited. See a counselor.)

**PE 47ABCD (2-1-1-1) ADVANCED BASEBALL**  
2 Hrs. Lab.  
Recommended Preparation: Participation on high school (or equivalent) baseball team. This course is designed for those students of advanced ability in baseball skills who have an interest in playing competitive baseball at the college level. Instruction will cover the development of fundamental offensive and defensive skills with an emphasis on advanced techniques, strategies, physical training, and team preparation.

**PE 58 (2) PSYCHOLOGY OF COACHING**

*A course covering all the aspects of the psychology of coaching. Sports includes certain guides in how teaching and learning may be applied to the coaching of sports, and to bring out the relationship of meaningful learning to successful athletic coaching. (CSU)*

**PE 59 (2) SPORTS OFFICiating**

*2 Hrs. Loc. 3 Hrs. Lab.*  
This course is designed to provide for the study and interpretation of rules for various men's and women's sports, and the philosophies, procedures, practices, and mechanics of officiating games including football, basketball, baseball, softball, soccer, tennis, track, volleyball and wrestling. (CSU) (UC credit limited. See a counselor.)

**PE 61 (3) PHYSICAL EDUCATION IN THE ELEMENTARY SCHOOL**

*3 Hrs. Loc.  
This course is designed to prepare the elementary school teacher to teach the whole child through physical education. (CSU)*

**PE 62AB (2-2) THEORY OF SOFTBALL**

*2 Hrs. Loc.*  
A course recommended for physical education majors, potential coaches, and recreation majors. (CSU) (UC credit limited. See a counselor.)

**PE 63 (3) HISTORY AND APPRECIATION OF DANCE**

*3 Hrs. Loc.*  
Dance as a component of human development, the history of dance, and the history of dance in social and historical context. (CSU) (UC credit limited. See a counselor.)

**PHYSICS**

*Prerequisites may be satisfied by taking the required course at Imperial Valley College or a comparable course at another college, or in some cases, a high school equivalent course. Biology 3, Principles of Biological Science (lab included; 4 units), is the equivalent of one year of high school biology (a course that includes a laboratory component) completed with a grade of "C" or better for both semesters. Chemistry 2A, Introduction to Chemistry (lab included; 4 units), is the equivalent of one year of high school chemistry (a course that includes a laboratory component) completed with a grade of "C" or better for both semesters. (CSU)*

**PHYS 4A (5) GENERAL PHYSICS**

*4 Hrs. Loc. 3 Hrs. Lab.*  
Prerequisite: *Credit with a grade of "C" or better or concurrent enrollment in PHYS 192 (formerly MATH 3A).* This course is designed to give an understanding of the fundamental principles of physics in the areas of mechanics. (CSU, UC)

**PHYS 4B (5) GENERAL PHYSICS**

*4 Hrs. Loc. 3 Hrs. Lab.*  
Prerequisite: *Credit with a grade of "C" or better and MATH 194 (formerly MATH 3B) with a grade of "C" or better or concurrent enrollment in MATH 194 (formerly 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)

**PHYS 4C (4) GENERAL PHYSICS**

*4 Hrs. Loc. 3 Hrs. Lab.*  
Prerequisite: *Credit with a grade of "C" or better and MATH 194 (formerly MATH 3B) with a grade of "C" or better or concurrent enrollment in MATH 194 (formerly 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)

**PHYS 10 (4) INTRODUCTION TO PHYSICS FOR HEALTH PROFESSIONS**

*3 Hrs. Loc. 3 Hrs. Lab.*  
Elementary mechanics, fluids, sound, electricity, and optics. For students requiring physics for health professions. Does not apply toward a major in general science or physical science. (CSU)

**PHYSICS**

*Prerequisites may be satisfied by taking the required course at Imperial Valley College or a comparable course at another college, or in some cases, a high school equivalent course. Biology 3, Principles of Biological Science (lab included; 4 units), is the equivalent of one year of high school biology (a course that includes a laboratory component) completed with a grade of "C" or better for both semesters. Chemistry 2A, Introduction to Chemistry (lab included; 4 units), is the equivalent of one year of high school chemistry (a course that includes a laboratory component) completed with a grade of "C" or better for both semesters. (CSU)*

**PHYS 1 (4) HUMAN PHYSIOLOGY**

*2 Hrs. Loc. 4 Hrs. Lab.*  
Prerequisites: *CHEM 2A and BIOL 3 or equivalent with a grade of "C" or better in a current California LNVT license. Lecture and laboratory course designed to introduce the function of the human body from cellular through organ system levels of organization. Emphasis will be on an integration of body systems and interrelationships for maintaining homeostasis. The practical applications of the basic concepts are presented. (CSU) (UC credit limited. See a counselor.)*

**Pipelines**

The following course has been developed as a part of a four-year apprenticeship program. Additional courses are in the process of being prepared. Applications should be directed to San Diego County Pipeliner Inspection Certification (3961 Center Street, San Diego, CA). For additional information contact the Dean of Instruction for Applied Sciences.
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#### PIPELINE (3)
**TIG WELDING**
1.5 Hrs. Lab. 1.5 Hrs. Lab.
This course is designed to provide the apprentice with a working knowledge of the welding process known as TIG. (Nontransferable, nondegree applicable)

#### PLUMBING (4)
The following courses have been developed as part of a four-year apprenticeship program. Additional courses are in the process of being prepared. Applications should be directed to San Diego County Plumbing Joint Apprenticeship of the American political system. This street, San Diego, CA. For additional information contact the Dean of Instruction for Applied Sciences.

#### PIPE TRADES ORGANIZATION (3)
3 Hrs. Lab.
This course will provide an introduction to industry and is designed to provide the apprentice with a working knowledge of the use and care of tools and piping materials. (Nontransferable, nondegree applicable)

### POLITICAL SCIENCE

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Title</th>
<th>Units</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>POL 51 (3)</td>
<td>INTRODUCTION TO POLITICAL SCIENCE</td>
<td>3 Hrs. Lab.</td>
<td>An introduction to the theories, principles, and problems of modern political life and the methods of studying and acquiring political knowledge. Illustrative materials drawn primarily from the American experience. This course and either POL 52 or HIST 17A will meet graduation requirements in American Institutions.</td>
</tr>
<tr>
<td>POL 52 (3)</td>
<td>AMERICAN GOVERNMENT AND POLITICS</td>
<td>3 Hrs. Lab.</td>
<td>The origin, development and operation of local, state and national political institutions within the United States emphasizing the contemporary developments of the American political system. This course will meet graduation requirements in American Institutions. It may be taken before Political Science I. (CSU, UC)</td>
</tr>
</tbody>
</table>

### GENERAL LEARNING

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Title</th>
<th>Units</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSYCH 1A (3)</td>
<td>INTRODUCTION TO PSYCHOLOGY</td>
<td>(CAN PSY 2)</td>
<td>Recommended Preparation: Twelfth grade reading level highly recommended. An introduction to the study of human 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)</td>
</tr>
<tr>
<td>PSYCH 1B (3)</td>
<td>LEARNING</td>
<td>3 Hrs. Lab.</td>
<td>Recommended Preparation: Successful completion of PSYCH 1A strongly recommended and the twelfth grade reading level highly 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.</td>
</tr>
<tr>
<td>PSYCH 2 (3)</td>
<td>BIOLOGICAL PSYCHOLOGY</td>
<td>3 Hrs. Lab.</td>
<td>Recommended Preparation: Successful completion of PSYCH 1A strongly recommended and twelfth grade reading level highly recommended. An exploration of the biological basis of human behavior. The development, structure and functions of the nervous system is thoroughly presented 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)</td>
</tr>
<tr>
<td>PSYCH 3 (3)</td>
<td>PSYCHOLOGY OF ADJUSTMENT</td>
<td>3 Hrs. Lab.</td>
<td>Recommended Preparation: Twelfth grade reading level strongly recommended. A study of the development of effective behavior. Focuses on individual behavior such as self-control, stress and emotions as they are experienced and how they change during one's lifetime. This course will meet graduation requirements in American Institutions.</td>
</tr>
<tr>
<td>PSYCH 4 (3)</td>
<td>PSYCHOLOGY OF HUMAN SEXUALITY</td>
<td>3 Hrs. Lab.</td>
<td>A study of the psychology of Human Sexuality. Includes anatomy and physiology of 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)</td>
</tr>
<tr>
<td>PSYCH 9 (3)</td>
<td>INTRODUCTION TO COUNSELING</td>
<td>3 Hrs. Lab.</td>
<td>A study of the theory, process, and practice of intervening 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 SADS 9) (CSU)</td>
</tr>
</tbody>
</table>

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**Note:** This catalog is a comprehensive guide to the courses offered at Imperial Valley College for the academic year 2003-2004. It includes details on prerequisites, recommended preparation, and course descriptions. The catalog is designed to help students understand the requirements for graduation and to make informed choices about their coursework. The information is subject to change and students should consult with their advisors for the most up-to-date information.
SOC 2 (3)  
CONTEMPORARY SOCIAL PROBLEMS
3 Hrs. Lee.  This course deals with contemporary social problems and will cover those areas that are currently being defined by our society as problem issues. Emphasis will be given in understanding these problems at the societal level, the group level, and from the standpoint of the individual. (CSU, UC)

SOC 10 (3)  
SOCIOMETRY OF MINORITY GROUPS
3 Hrs. Lee.  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 AIDS 10) (CSU, UC)

SOC 17 (4)  
SOCIAL PSYCHOLOGY
3 Hrs. Lee.  The study of how personality and behavior are influenced by the social environment. The conceptual and research focus is on the relationship between the individual and society. This course includes such topics as self-concept and social identity, group behavior and group membership. (Same as PSYCH 17) (CSU, UC)

CRIMINOLOGY
3 Hrs. Lee.  Recommended Preparation: Completion of ENGL 2B and ENGL 12B with a grade of "C" or better. 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 AJ 30) (CSU)

SOC 33 (3)  
MARRIAGE AND THE FAMILY
3 Hrs. Lee.  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, siblinghood and pairing, communication and conflict resolution, separation and divorce, remarriage. (CSU, UC)

COMPUTERS
3 Hrs. Lee.  A general course designed to acquaint students with computers and their related social issues, such as: privacy, computing crime, the Internet, on-line terrorism, and social change resulting from computer information systems. (CSU, UC)

SOC 58 (3)  
HUMAN SERVICES IN A CHANGING SOCIETY
3 Hrs. Lee.  History, philosophy and the development of thought in social work. A content area designed to identify and analyze the primary helping 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 ADS 50) (CSU)

SPAN 100 (1)  
SPANISH SPLENDID & BEGINNING WRITING
1 Hrs. Lee.  This course is designed specifically for students who speak Spanish natively or nearly natively, but who have difficulty in reading and/or writing standard Spanish. The course will address the specific problems native speakers of Spanish have regarding spelling, accent, punctuation and the mechanics of writing paragraphs. (CSU)

SPAN 101 (3)  
ELEMENTARY SPANISH
3 Hrs. Lee.  Prerequisites: The student must be able to speak and read English. Not open to students with native ability in Spanish. (See SPAN 20A) For additional oral practice, concurrent enrollment in SPAN 5A is recommended.

SPAN 102 (3)  
SPANISH ELEMENTARY II
3 Hrs. Lee.  A continuation of SPAN 101 covering the uses of verbs in the declarative and interrogative mood. The course also offers practice in reading and writing paragraphs. (CSU, UC)

SPAN 103 (3)  
ELEMENTARY SPANISH
3 Hrs. Lee.  A continuation of SPAN 101 covering the uses of verbs in the declarative and interrogative mood. The course also offers practice in reading and writing paragraphs. (CSU, UC)

SPAN 104 (4)  
INTERMEDIATE SPANISH
4 Hrs. Lee.  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 following 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 continuation of SPAN 2 covering the uses of all Spanish tenses with special emphasis on the subjunctive and imperative modes. (CSU, UC credit limited. See a counselor.)
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 the students' 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 tense present, personal and future. These skills will be developed through reading in the contemporary culture of Spain, Latin America, and the Spanish speaking communities in the United States - Mexicans, Cubans, Puerto Ricans, and Sephardic. (CUI credit limited. See a counselor.)

SPAN 20B (5) BILINGUAL SPANISH
5 Hrs. Lec.
Continuation of SPAN 20A. Emphasis on the conditional and the subjunctive forms. (CUI credit limited. See a counselor.)

SPAN 23 (3) BILINGUAL ORAL SPANISH
3 Hrs. Lec.
An intensive course in oral Spanish for students who have learned Spanish as a native language. It is intended for students who may read well but have good grammar but not good practice in oral structures. This course will include a brief grammar review and discussion of relevant everyday topics of personal concern. Course enrollment in SPAN 20B is recommended, but not required. (CUI credit limited. See a counselor.)

SPAN 25 (3) INTRODUCTION TO SPANISH AMERICAN LITERATURE
3 Hrs. Lec.
Introductory survey of representative movements, authors, and works of Spanish American literature from the Spanish Discovery to the present. Coop taught in Spanish. (CUI credit limited. See a counselor.)

SPAN 26 (3) INTRODUCTION TO TRANSLATION AND INTERPRETATION
2 Hrs. Lec, 2 Hrs. Lab.
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. (CUI credit limited. See a counselor.)

SPAN 27 (4) SPANISH READING AND WRITING
4 Hrs. Lec.
Recommended Preparation: SPAN 4 or SPAN 20B. This course is designed to develop reading and writing skills for the student of Spanish. Emphasis will be placed on the process of writing as preparation for upper division work. In addition, the student will review grammar, punctuation, and spelling. Selected readings from Chicano, Spanish American, and Spanish literature will be included. (CUI credit limited. See a counselor.)

SPAN 28A (3) THE MEXICAN AMERICAN IN LITERATURE
3 Hrs. Lec.
Recommended Preparation: Eligibility for ENGL 1A. Study of the contributions by Mexican Americans to all genres of literature. Course to be developed through the study of the Mexican American historical backgrounds, and by contrasting and comparing the works of Mexican Americans with their familiar Anglo American counterparts, 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 ENGL 46A) (CUI credit limited. See a counselor.)
WELD 36A (5) ADVANCED WELDING
3 Hrs. Lec. 4 Hrs. Lab
Prerequisite: WELD 36A. Emphasis is on skill development for shielded metal arc welding, Oxy-acetylene welding, and oxy-acetylene welding processes. (CSU)

WELD 36C (5) ADVANCED WELDING - WELDER CERTIFICATION and BLUEPRINT READING
3 Hrs. Lec. 6 Hrs. Lab
Prerequisite: WELD 36B. Emphasis is on welder qualification testing. This course is for the experienced welder and for the student completing the final phase of the Welding Technology Program. A detailed study of blueprint reading is included to further develop the welder's abilities. (CSU)

WELD 75 (3) BASIC SHOP SKILLS
3 Hrs. Lab.
This is a comprehensive course in tool usage, maintenance and interpretation of tools and equipment for the beginning student in the technology. The course is for the student who has not developed a background in industrial technology, as well as for the bilingual student who may not have developed his/her technical vocabulary. (Same as AGET/ALTO T 75) (Nontransferable, AA/AS degree only)

COOPERATIVE WORK EXPERIENCE

Cooperative Work Experience is a program of on-the-job learning experiences for students placed in a job setting. It is an approved program with goals and activities formulated with industry under the direction of the College Work Experience Coordinator and instructors assigned to teach work experience. Employers provide work locations (work stations) and on-the-job training which has educational value for the students. The college provides the instructional component, class facilities and personnel to assist the student in his/her learning experiences. Education may be allowed toward graduation with the Associate Degree.

There are two kinds of Work Experience as outlined:

* Occupational Work Experience is a program for students who are in a vocational major or certificate program.

General Work Experience is a program for students in any major and need not be related to a vocational major.

Employment may be on or off campus; the student may or may not receive pay. The Cooperative Education Coordinator will assist the student in obtaining job placement.

OCCUPATIONAL COOPERATIVE WORK EXPERIENCE

The Occupational Cooperative Work Experience Program is designed to coordinate on-the-job training and classroom instruction. Supervised employment is related to the occupational goal of the individual student. Employment may be on or off campus; the student may or may not receive pay. The Cooperative Education Coordinator will assist students in obtaining jobs.

Student qualifications: In order to participate in cooperative work experience, students shall meet the following requirements:

1. Be a legal indentured or certified apprentice.
2. Complete no less than seven units (summer session, one course) including cooperative work experience education.
3. Have approval of the Cooperative Work Experience Coordinator.
4. Have occupational or education goals to which, in the opinion of the Coordinator, the cooperative work experience will contribute.
5. Pursue a planned program of cooperative work experience education which, in the opinion of the Coordinator, includes new or expanded responsibilities or learning opportunities beyond those experienced during the previous employment.

A maximum of sixteen units may be earned in cooperative work experience, not to exceed four units each semester.

WELD 31A (5) BASIC WELDING
3 Hrs. Lec. 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 31B (3) OXY-ACTYLENE WELDING
1 Hr. Lec. 2 Hrs. Lab
Theory, practice, and application of joining metals by the oxy-acetylene process, includes metal cladding, cutting, and beveling. 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. Lec. 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 31C (5) GAS SHIELD AND ARC WELDING
3 Hrs. Lec. 3 Hrs. Lab
Recommended Preparation: Basic skills and/or some welding skills. Theory, practice, and application of Gas Tungsten Arc Welding processes on aluminum, stainless steel, mild steel, and other alloys. (CSU)

WELD 31A (5) ADVANCED WELDING
3 Hrs. Lec. 6 Hrs. Lab
Prerequisite: WELD 31. A concentrated course in shielded metal arc welding. The student develops his/her welding skill to a professional entry level. Includes a review of oxy-acetylene cutting and safety. (CSU)
### MAJORS

Generally, 18 units of specified course work will satisfy the requirement for the major. However, 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 interest and the total number of electives available within his/ her own program.

Students may satisfy the major requirements in the following fields of study:

- **ZOLOGY**
  - **GENERAL ZOOLOGY**
    - Required courses for the major:
      - AG 22: Agricultural Business Organization
      - AG 25BUS 3: Agricultural Business Management
      - AG 26: The Principles of Economics
      - AG 27: Agritourism 1: Socioeconomic Principles
      - CIS 31: Intro to Information Systems
      - ECON 1: Principles of Economics
      - AG 22: Agricultural Business Organization
      - AG 25BUS 3: Agricultural Business Management
      - AG 26: The Principles of Economics
      - AG 27: Agritourism 1: Socioeconomic Principles
      - CIS 31: Intro to Information Systems
      - ECON 1: Principles of Economics

- **GENERAL ZOOLOGY**
  - Required courses for the major:
    - AG 22: Agricultural Business Organization
    - AG 25BUS 3: Agricultural Business Management
    - AG 26: The Principles of Economics
    - AG 27: Agritourism 1: Socioeconomic Principles
    - CIS 31: Intro to Information Systems
    - ECON 1: Principles of Economics

- **IMPERIAL VALLEY COLLEGE**
  - **GENERAL ZOOLOGY**
    - Required courses for the major:
      - AG 22: Agricultural Business Organization
      - AG 25BUS 3: Agricultural Business Management
      - AG 26: The Principles of Economics
      - AG 27: Agritourism 1: Socioeconomic Principles
      - CIS 31: Intro to Information Systems
      - ECON 1: Principles of Economics

- **AGRICULTURAL BUSINESS MANAGEMENT (MAJOR CODE: 0002)**
  - All required courses for this major must be completed with a minimum grade of "C" or better.
  - 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 courses may include the management and operation of farms as well as the management of firms that supply the service to farms and by those engaged in processing, marketing, distribution, and sales of farm products.

- **ALCOHOL AND DRUG STUDIES (MAJOR CODE: 0415)**
  - Thirty-three (33) units required for the major

- **IMPERIAL VALLEY COLLEGE**
  - **GENERAL ZOOLOGY**
    - Required courses for the major:
      - AG 22: Agricultural Business Organization
      - AG 25BUS 3: Agricultural Business Management
      - AG 26: The Principles of Economics
      - AG 27: Agritourism 1: Socioeconomic Principles
      - CIS 31: Intro to Information Systems
      - ECON 1: Principles of Economics
      - AG 22: Agricultural Business Organization
      - AG 25BUS 3: Agricultural Business Management
      - AG 26: The Principles of Economics
      - AG 27: Agritourism 1: Socioeconomic Principles
      - CIS 31: Intro to Information Systems
      - ECON 1: Principles of Economics

- **AGRICULTURAL BUSINESS MANAGEMENT (MAJOR CODE: 0002)**
  - All required courses for this major must be completed with a minimum grade of "C" or better.
  - 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 courses may include the management and operation of farms as well as the management of firms that supply the service to farms and by those engaged in processing, marketing, distribution, and sales of farm products.

- **ALCOHOL AND DRUG STUDIES (MAJOR CODE: 0415)**
  - Thirty-three (33) units required for the major

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#### ADMINISTRATION OF JUSTICE

**MAJOR CODE: 0102**

Twenty-one (21) units required for the major

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>AJ 20</td>
<td>Intro to the Admin of Justice</td>
<td>3</td>
</tr>
<tr>
<td>AJ 23CL 23</td>
<td>Concepts of Criminal Law</td>
<td>3</td>
</tr>
<tr>
<td>AJ 25</td>
<td>Legal Aspects of Evidence</td>
<td>3</td>
</tr>
<tr>
<td>AJ 26</td>
<td>Police Community Relations</td>
<td>3</td>
</tr>
</tbody>
</table>

#### AGRICULTURAL SCIENCES

**MAJOR CODE: 0008**

All required courses for this major must be completed with a minimum grade of "C" or better.

The Agricultural Science major deals with the application of the various principles of the biological and physical sciences in agriculture. The course offerings are fundamental and broad in scope so that students can prepare for transfer or one of the hundreds of opportunities in the Animal Science or Soil Science.

Twenty-four (24) units required for the major

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>AG 14</td>
<td>Entomology</td>
<td>3</td>
</tr>
<tr>
<td>AG 30</td>
<td>Food &amp; Fiber in a Changing World</td>
<td>3</td>
</tr>
<tr>
<td>AG 36</td>
<td>Field &amp; General Courses</td>
<td>3</td>
</tr>
<tr>
<td>CS 10</td>
<td>Intro to Information Systems</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 2A</td>
<td>Introduction to Chemistry</td>
<td>4</td>
</tr>
</tbody>
</table>

#### ALCOHOL AND DRUG STUDIES

**MAJOR CODE: 0415**

Thirty-three (33) units required for the major

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADS 9</td>
<td>Introduction to Counseling</td>
<td>3</td>
</tr>
<tr>
<td>ADS 1A</td>
<td>Practicum</td>
<td>3</td>
</tr>
<tr>
<td>ADS 1B</td>
<td>Practicum</td>
<td>3</td>
</tr>
<tr>
<td>ADS 31</td>
<td>Alcoholism: Intervention, Treatment &amp; Recovery</td>
<td>3</td>
</tr>
<tr>
<td>ADS 52</td>
<td>Physiological Effects of Alcohol</td>
<td>3</td>
</tr>
<tr>
<td>ADS 53/ PSYCH 53</td>
<td>Group Leadership &amp; Group Process</td>
<td>3</td>
</tr>
<tr>
<td>ADS 24</td>
<td>Family Counseling Approach to Alcohol &amp; Drug Abuse</td>
<td>3</td>
</tr>
<tr>
<td>ADS 55/ PSYCH 55</td>
<td>Crisis Intervention &amp; Referral Techniques</td>
<td>3</td>
</tr>
<tr>
<td>ADS 58</td>
<td>Alcohol and Drug Prevention &amp; Education</td>
<td>3</td>
</tr>
</tbody>
</table>

Minimum of 3 units from any of the following courses:

- ADS 109SOC (Sociology of Minority Groups)
- ADS 59
- SOC 20
- HUM 51
- PSYCH 1A
- General Psychology
- PSYCH 1B: General Psychology
- PSYCH 1L: General Psychology
- PSYCH 16: The Psychology of Interpersonal Relationships

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<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>AG 11</td>
<td>Pesticide Safety</td>
<td>1</td>
</tr>
<tr>
<td>AG 30</td>
<td>Food &amp; Fiber in a Changing World</td>
<td>3</td>
</tr>
<tr>
<td>AG 36</td>
<td>Field &amp; General Courses</td>
<td>3</td>
</tr>
<tr>
<td>BUS 1A</td>
<td>Pupil of Financial Accounting</td>
<td>4</td>
</tr>
<tr>
<td>BUS 1B</td>
<td>Pupil of Managerial Accounting</td>
<td>4</td>
</tr>
<tr>
<td>BUS 3</td>
<td>Bus &amp; the Legal Environment</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 2A</td>
<td>Introduction to Chemistry</td>
<td>4</td>
</tr>
</tbody>
</table>

#### ANTHROPOLOGY

**MAJOR CODE: 0011**

Twenty-seven (27) units required for the major

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTH 1</td>
<td>Physical Anthropology</td>
<td>3</td>
</tr>
<tr>
<td>ANTH 2</td>
<td>Cultural Anthropology</td>
<td>3</td>
</tr>
<tr>
<td>ANTH 3A</td>
<td>Intro to Arch &amp; Surveying</td>
<td>3</td>
</tr>
<tr>
<td>ANTH 3B</td>
<td>Intro to Arch Excavations</td>
<td>3</td>
</tr>
<tr>
<td>ANTH 4</td>
<td>Cultural Anthropology</td>
<td>3</td>
</tr>
<tr>
<td>ANTH 5</td>
<td>Forensic Anthropology</td>
<td>3</td>
</tr>
<tr>
<td>ART 10B</td>
<td>Adv Prehistoric Ceramics</td>
<td>3</td>
</tr>
</tbody>
</table>

#### ART

**MAJOR CODE: 0609**

Twenty-four (24) units required for the major

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 20A</td>
<td>Drawing</td>
<td>3</td>
</tr>
<tr>
<td>ART 20B</td>
<td>Drawing</td>
<td>3</td>
</tr>
<tr>
<td>ART 22A</td>
<td>Design</td>
<td>3</td>
</tr>
<tr>
<td>ART 3A</td>
<td>History &amp; Appreciation of Art</td>
<td>3</td>
</tr>
<tr>
<td>ART 3B</td>
<td>History &amp; Appreciation of Art</td>
<td>3</td>
</tr>
</tbody>
</table>

II. Acceptable courses for the major (select a minimum of 9 units from the following courses)

- ANTH 1: Physical Anthropology
- ANTH 2: Cultural Anthropology
- ANTH 3A: Intro to Arch & Surveying
- ANTH 3B: Intro to Arch Excavations
- ANTH 4: Cultural Anthropology
- ANTH 5: Forensic Anthropology
- ART 10B: Adv Prehistoric Ceramics

*Adopted by the College Council 1995-96*
IMPERIAL VALLEY COLLEGE

AUTOMOTIVE BODY REPAIR AND PAINTING
(MAJOR CODE: 1000)

All required courses for this major must be completed with a minimum grade of "C" or better.

Thirty-One (31) units required for the major

I. Required courses for the major

AUTO 70 Auto Body Repairing & Painting ............... 5
AUTO 71 Auto Body Repair & Paint ............... 5
AUTO 72 Auto & Light Truck Mechanic Collision Repair ......................... 5
AUTO 73 Auto Body Custom Refinishing & Shop Management ............... 3
AUTO T 53A Automotive Brakes ......................... 4
AUTO T 53B Suspension & Wheel Alignment ............... 4
WELD 31 Basic Welding .......... 3

II. Acceptable courses for the major (4 units from the following list may be accepted as major credit if the equivalent of AUTO 70 has been completed in high school (two years of high school auto body).)

AUTO T 51 Engine Tech., or equivalent ............... 4
WEOCC 22AD Internship ......................... 1
WEBOAD Employment Readiness Class ......................... 3

AUTOMOTIVE-TECHNOLOGY
(MAJOR CODE: 1001)

All required courses for this major must be completed with a minimum grade of "C" or better.

Thirty-nine (39) units required for the major

I. Required courses for the major

AUTO T 51 Engine Technology ............... 4
AUTO T 52 Manual Times & Power Train ............... 4
AUTO T 54A Automotive Brakes ............... 4
AUTO T 53B Suspension & Wheel Alignment ............... 3
AUTO T 54A Engine Performance I ............... 3
AUTO T 54B Engine Performance II ............... 3
AUTO T 54C Engine Performance III ............... 3
AUTO T 58 Automotive Air Conditioning ............... 3
AUTO T 61 Automotive Electrics ............... 3
AUTO T 61A Automatic Transmissions ............... 3
AUTO T 62 Automatic Electrics II ............... 3

II. Recommended courses for the major (not required)

CIS 23 or 26 Computer Literacy or Windows ............... 1/1
MATH 070 Basic Mathematics ......................... 3
WELD 31 Basic Welding .......... 3
WEBOAD Employment Readiness Class ......................... 1
WEOCC 22AD Internship ......................... 1

GENERAL CATALOG 2003-2004

BEHAVIORAL SCIENCE
(MAJOR CODE: 0889)

The requirement for a major in Behavioral Science may be satisfied by taking 18 units from the following list. Three units in each discipline are recommended. No more than 12 units may be taken in any discipline.

I. Required courses for the major

Anthropology
ANTH 1 Physical Anthropology ............... 3
ANTH 2 Cultural Anthropology ............... 3

Psychology
ADS 9 Intro to Counseling ............... 3
ADS/Psych 11A or 11B Practicum ............... 3
CPSC 106 Develop Psych of Children ............... 3
CPSC 260 Practicum (for those students wanting to be classroom aides) ............... 3
MATH 120 Introductory Statistics with Applications ............... 3

Electives
PSYCH 1A Intro to Psychology ............... 3
PSYCH 1B Learning ............... 3
PSYCH 3 Biological Psychology ............... 3
PSYCH 3 Psychology of Adjustment ............... 3
PSYCH 4 Psych of Human Sexuality ............... 3
PSYCH 9 Abnormal Psychology ............... 3
PSYCH 16 The Psychology of Interpersonal Relationships ............... 3
PSYCH 17/18 Research Methods in Psychology ............... 3
PSYCH 20 Psychological Assessment ............... 3
PSYCH 30 Psychology of Adolescence ............... 3
PSYCH 35 Develop Psych: Concept to Research ............... 3
SOC 17 Social Psychology ............... 3

Sociology
SOCI 1 Introductory Sociology ............... 3
SOCI 2 Cultural Society Problems ............... 3
SOCI 10 Sociology of Minority Groups ............... 3
PSYCH 17 Social Psychology ............... 3
SOCI 17 Sociology of Family ............... 3
SOCI 19 Sociology of Minority Groups ............... 3
SOCI 30 Approaches to Clinical Sociology ............... 3
SOCI 33 Marriage & the Family ............... 3

II. Recommended as electives (do not fulfill major requirements)

BIOL 3 Principles of Biological Science ............... 4
CPSC 104 Early Childhood Children, Family, and Community ............... 3
CPSC 260 Principles of Parenting ............... 3
SOC 49 Computers & Society ............... 3
ZOO 1B General Zoology ............... 4

Transfer students planning to major in this discipline should take the IVC General Major and complete requirements listed in the catalog of the school to which they anticipate transferring.

IMPERIAL VALLEY COLLEGE

BUSINESS ADMINISTRATION
(MAJOR CODE: 0214)

Twenty units (20) required for the major

ALL REQUIRED COURSES FOR THIS MAJOR MUST BE COMPLETED WITH A GRADE OF "C", "C" OR BETTER

I. Required courses for the major

BUS 1A Profit of Financial Accounting ............... 4
BUS 1B Profit of Managerial Accounting ............... 4
BUS 2A Bus. & the Legal Environment ............... 4
ECON 1 Principles of Economics ............... 3
ECON 2 Principles of Economics ............... 3

II. Acceptable courses for the major (select a minimum of one course)

BUS 42 Business Communications ............... 3
CIS 1 Intro to Information Systems ............... 3
CIS 22 Microcomputer Accounting ............... 3
MATH 120 Introductory Statistics with Applications ............... 4
MATH 121 Finite Mathematics ............... 4
MATH 124 Introductory Calculus with Applications ............... 4

BUSINESS FINANCIAL SERVICES
(MAJOR CODE: 0220)

Students who intend to pursue a four-year Business degree should follow the Business Administration Major.

Twenty-six (26) units required for the major

ALL REQUIRED COURSES FOR THIS MAJOR MUST BE COMPLETED WITH A GRADE OF "C", "C" OR BETTER

I. Required courses for the major

BUS 1A Profit of Financial Accounting ............... 4
BUS 3A/42 Business Management ............... 3
BUS 5 Business Environment ............... 3
BUS 62 Business Communications ............... 3
CIS 1 Intro to Information Systems ............... 3
CIS 21 AC Computer Applications Lab ............... 3

II. Acceptable courses for the major (minimum of nine units from the following courses)

BUS 1B Profit of Managerial Accounting ............... 4
BUS 2 Intro to Business ............... 3
BUS 24 Business Management ............... 3
BUS 3 Business Environment ............... 3
BUS 42 Business Communications ............... 3
CIS 1 Intro to Information Systems ............... 3
CIS 21 AC Computer Applications Lab ............... 3
ECON 1 Principles of Economics ............... 3

BUSINESS MANAGEMENT
(MAJOR CODE: 0216)

Students who intend to pursue a four-year Business Degree should follow the Business Administration Major.

Twenty-six (26) units required for the major

ALL REQUIRED COURSES FOR THIS MAJOR MUST BE COMPLETED WITH A GRADE OF "C", "C" OR BETTER

I. Required courses for the major

BUS 1A Profit of Financial Accounting ............... 4
BUS 3A/42 Business Management ............... 3
BUS 5 Business Environment ............... 3
BUS 62 Business Communications ............... 3
CIS 1 Intro to Information Systems ............... 3
CIS 21 AC Computer Applications Lab ............... 3

II. Acceptable courses for the major (minimum of nine units from the following courses)

BUS 1B Profit of Managerial Accounting ............... 4
BUS 2 Intro to Business ............... 3
BUS 42 Business Management ............... 3
BUS 62 Business Communications ............... 3
CIS 1 Intro to Information Systems ............... 3
CIS 21 AC Computer Applications Lab ............... 3

GENERAL CATALOG 2003-2004
**IMPERIAL VALLEY COLLEGE**

**BUSINESSMARKETING**

(MAJOR CODE: 0235)

Students who intend to pursue a four-year Business Degree should follow the Business Administration Major.

Twenty-nine (29) units required for the major

### ALL REQUIRED COURSES FOR THIS MAJOR MUST BE COMPLETED WITH A GRADE OF "CR," "C" OR BETTER

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
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<tbody>
<tr>
<td>BUS 1A*</td>
<td>Principles of Financial Accounting</td>
<td>4</td>
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<td>BUS 23</td>
<td>Business Calculations</td>
<td>3</td>
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<tr>
<td>BUS 24</td>
<td>Records Management</td>
<td>3</td>
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I. Required courses for the major

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<td>Principles of Financial Accounting</td>
<td>4</td>
</tr>
<tr>
<td>BUS 23</td>
<td>Business Calculations</td>
<td>3</td>
</tr>
<tr>
<td>BUS 24</td>
<td>Records Management</td>
<td>3</td>
</tr>
</tbody>
</table>

II. Required skill level for the major

**Business Office Technologies:**

(MAJOR CODE: 0235)

### ALL REQUIRED COURSES FOR THIS MAJOR MUST BE COMPLETED WITH A GRADE OF "CR," "C" OR BETTER

<table>
<thead>
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<th>Course Title</th>
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<tbody>
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<td>Principles of Financial Accounting</td>
<td>4</td>
</tr>
<tr>
<td>BUS 23</td>
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</tr>
<tr>
<td>BUS 24</td>
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III. Required courses for the major

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<td>Principles of Financial Accounting</td>
<td>4</td>
</tr>
<tr>
<td>BUS 23</td>
<td>Business Calculations</td>
<td>3</td>
</tr>
<tr>
<td>BUS 24</td>
<td>Records Management</td>
<td>3</td>
</tr>
</tbody>
</table>

### REQUIRED COURSES FOR THIS MAJOR MUST BE COMPLETED WITH A GRADE OF "CR," "C" OR BETTER

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<tr>
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<th>Course Title</th>
<th>Units</th>
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</thead>
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<td>Principles of Financial Accounting</td>
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</tr>
<tr>
<td>BUS 23</td>
<td>Business Calculations</td>
<td>3</td>
</tr>
<tr>
<td>BUS 24</td>
<td>Records Management</td>
<td>3</td>
</tr>
</tbody>
</table>

**CORRECTIONAL SCIENCE**

(MAJOR CODE: 0108)

Students who intend to pursue a four-year Correctional Science Degree should follow the Correctional Science Major.

Twenty-four (24) units required for the major

I. Required courses for the major

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
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</thead>
<tbody>
<tr>
<td>CSI 21</td>
<td>Intro to Corrections</td>
<td>3</td>
</tr>
<tr>
<td>CSI 22A/23</td>
<td>Reporting</td>
<td>3</td>
</tr>
<tr>
<td>CSI 22A/23</td>
<td>Concepts of Criminal Law</td>
<td>3</td>
</tr>
<tr>
<td>CSI 24</td>
<td>Correctional Interview &amp; Counseling</td>
<td>3</td>
</tr>
<tr>
<td>CSI 25</td>
<td>Control &amp; Supervision of Inmates</td>
<td>3</td>
</tr>
</tbody>
</table>
REPORT 1be ds ~th (following) minimum CFCS <RSI04 CFCS 11& CFCS26 PSYCH 20 ENGL IA ENGL50 CONSUMELSCIENCES Childhood 101 Health, Safety 1021 of Young Children ... .... .... .... ..... .... ..... .......... 2 Early Developmental Science and Multilingual major is designed for students who are Community Relations ... ...... .... ............. 3 for Young Children .. .. ............................... 2 Early Childhood for the major. requirements). ENGL 47 Intro to the Bible as Literature 3 ENGL 52 Intro to Linguistics 3 ENGL 53AB Creative Writing 3 ENGL 54 Intro to Film History & Criticism 3 ENGL 41A Reading & Composition 3 ENGL 1B Intro to Literature 3 ENGL 41AB Survey of American Literature 3-3 OR ENGL 42AB Survey of World Literature 3-3 OR ENGL 43AB Survey of English Literature 3-3 ENGL 50 Advanced Composition 3 II. Acceptable courses for the major (3 units from the following courses) ENGL 41AB* Survey of American Literature 3 ENGL 42AB* Survey of World Literature 3 ENGL 43AB* Survey of English Literature 3 ENGL 46A The Mexican Americans inLit 3 ENGL 46B The Mexican Americans in Lit 3 ENGL 47 Intro to the Bible as Literature 3 ENGL 52 Intro to Linguistics 3 ENGL 53AB Creative Writing 3 ENGL 54 Intro to Film History & Criticism 3 *ENGL 41A or 41B or 42A or 42B or 43A or 43B if not used for required courses under I. above. I. Required courses for the major ENEMEDICAL SERVICES (MAJOR CODE: 0410) Successful completion of application process. Acceptance into program by EMT Training Coordinator and EMT Training Medical Examiner. Contact Nursing Division for specific. Forty-five and one-half (45.5) units required for the major. I. Required courses for the major EMT-P D1 Emer Med Tech - Para Didactic 1 8 EMT-P D2 Emer Med Tech - Para Didactic 2 8 EMT-P C1 Emer Med Tech - Para Clinical 1 8 EMT-P C2 Emer Med Tech - Para Clinical 2 8 EMT-P F1 Emer Med Tech - Para Field 1 9.5 EMT-P F2 Emer Med Tech - Para Field 2 1 BUS 6 Management Concepts & Srvy 3 BUS 7 Human Relations in Management 3 II. Required courses for the major EMT 1B Intro to Community Relations 3 EMT 1A Psych 1A, SPAN 1 or other foreign language, CIS 1. (optional) CHILD FAMILY AND CONSUMERSCIENCES PROGRAMS The Early Childhood major is designed for students who are interested in working with young children as preschool teachers, daycare providers, and other child development careers in early childhood. The Early Childhood Education major provides students with a background of knowledge and skills in child development and growth. This major meets the requirements for the Child Development Permit Matrix: Teacher Permit, requiring 24 units in early childhood and 16 general education units. All courses taken for the Early Childhood Education major must be completed with a grade of "C" or better. EMT 100 Intro to Environmental Tech 4 ENV 100 Hazard Waste Generation/ 4 Reduction Treatment ... 3 ENV 105 Hazard Materials Mgmt. Appl. 3 ENV 107 Hazard Waste Mgmt. Appl. 3 ENV 109 Health Effects of Hazard Materials 3 ENV 113 Safety & Emergency Response 5 Or ENV 113A/FFIRE 120 Safety & Emergency Response, Fundamentals of Hazard Materials And For the First Responder 3 ENV 113B Safety & Emergency Response Haz Mat Awareness & Safety ................ 2 BIOL 4 Principles of Biological Science 4 CHEM 1A General Organic Chemistry ..................... 4 CHEM 2A Introduction to Chemistry 4 * See a counselor if taken in high school. II. Acceptable courses for the major (select a minimum of 5 units) BUS 2 Introduction to Business 3 BUS 2AG 25 Business Management 3 BUS 5 Business The Legal Environment 3 BUS 6 Management Concepts of Srvy 3 BUS 7 Human Relations in Management 3 BUS 8 Human Resource Management 2 CIS 1 Intro to Information Systems 3 CIS 2AB Media & Information Technology Lab 3 CIS 31AB Work Proc: WordPerfect for Windows 3 SPCH 2AB Intermediate Public Speaking 3 WE ROAD Employment Readiness Class 1 WSCC 2AD Internship 1 FER2250FIRE TECHNOLOGY (MAJOR CODE: 1063) Twenty-nine and one-half (29.5) units required for the major. I. Required courses for the major FIRE 100 Fire Protection Organization 3 FIRE 101 Fire Prevention Technology 3 FIRE 102 Fire Protec. Equip & Systems 3 FIRE 103 Building Construclion for Fire Protection 3 FIRE 104 Fire Behavior & Combustion 3 FIRE 105 Fire Administration 3 EMT 1 Emergency Medical Technician 1 7.5 CIS 1 Intro to Information Systems 3
SUCCESSFUL COMPLETION OF ALL COURSES OFFERED IN ONE SUBJECT FIELD (Anatomy, Biology, Botany, Chemistry, Math, Physics, Physiology, and Zoology) MAY BE COMBINED WITH COURSES FROM AT LEAST TWO OTHER SUBJECTS (WITHIN THE GENERAL AREA OF NATURAL PHYSICAL SCIENCE) TO ACCUMULATE 18 HOURS FOR THE GENERAL SCIENCE MAJOR.

THE MOST FLEXIBLE MAJOR FOR THE GENERAL SCIENCE MAJOR IS THE MAJOR IN BIOLOGY. THE FOLLOWING ARE THE MAJOR REQUIREMENTS:

I. Required Core Courses (154 Hours) (Majors with a special interest in one of the specific fields may substitute courses with an equal number of course credits. All substitutions must be approved by the major advisor and the Chairperson of the Division in which the major is being taken. A GPA OF 2.0 OR HIGHER IS REQUIRED FOR ALL CORE COURSES.)

<table>
<thead>
<tr>
<th>Course Code</th>
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<tbody>
<tr>
<td>BIOL 111</td>
<td>General Biology</td>
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<tr>
<td>BIOL 112</td>
<td>General Zoology</td>
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<tr>
<td>CHEM 10</td>
<td>General Chemistry I</td>
</tr>
<tr>
<td>CHEM 11</td>
<td>General Chemistry II</td>
</tr>
<tr>
<td>CHEM 12</td>
<td>Organic Chemistry</td>
</tr>
<tr>
<td>PHYS 10</td>
<td>General Physics I</td>
</tr>
<tr>
<td>PHYS 11</td>
<td>General Physics II</td>
</tr>
</tbody>
</table>

II. Electives (154 Hours) (Majors with a special interest in one of the specific fields may substitute courses with an equal number of course credits. All substitutions must be approved by the major advisor and the Chairperson of the Division in which the major is being taken. A GPA OF 2.0 OR HIGHER IS REQUIRED FOR ALL ELECUTIVES.)

<table>
<thead>
<tr>
<th>Course Code</th>
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<tbody>
<tr>
<td>BIOL 200</td>
<td>Introduction to Biochemistry</td>
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<td>BIOL 201</td>
<td>General Zoology</td>
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<td>CHEM 200</td>
<td>General Chemistry II</td>
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<tr>
<td>CHEM 201</td>
<td>Organic Chemistry</td>
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<td>CHEM 210</td>
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<td>CHEM 211</td>
<td>Physical Chemistry II</td>
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<tr>
<td>PHYS 200</td>
<td>General Physics II</td>
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<td>PHYS 201</td>
<td>General Physics III</td>
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III. Special Designations (30 Hours) (Majors with a special interest in one of the specific fields may substitute courses with an equal number of course credits. All substitutions must be approved by the major advisor and the Chairperson of the Division in which the major is being taken. A GPA OF 2.0 OR HIGHER IS REQUIRED FOR ALL SPECIAL DESIGNATIONS.)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
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<tbody>
<tr>
<td>BIOL 300</td>
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<tr>
<td>BIOL 310</td>
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<td>BIOL 320</td>
<td>Developmental Biology</td>
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<tr>
<td>BIOL 330</td>
<td>Comparative Animal Behavior</td>
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</table>

IV. Specializations (60 Hours) (Majors with a special interest in one of the specific fields may substitute courses with an equal number of course credits. All substitutions must be approved by the major advisor and the Chairperson of the Division in which the major is being taken. A GPA OF 2.0 OR HIGHER IS REQUIRED FOR ALL SPECIALIZATIONS.)

<table>
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<td>BIOL 400</td>
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<td>BIOL 410</td>
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V. Special Designations (30 Hours) (Majors with a special interest in one of the specific fields may substitute courses with an equal number of course credits. All substitutions must be approved by the major advisor and the Chairperson of the Division in which the major is being taken. A GPA OF 2.0 OR HIGHER IS REQUIRED FOR ALL SPECIAL DESIGNATIONS.)

<table>
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<tbody>
<tr>
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<td>BIOL 520</td>
<td>Developmental Biology</td>
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<td>BIOL 530</td>
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</table>

VI. Specializations (60 Hours) (Majors with a special interest in one of the specific fields may substitute courses with an equal number of course credits. All substitutions must be approved by the major advisor and the Chairperson of the Division in which the major is being taken. A GPA OF 2.0 OR HIGHER IS REQUIRED FOR ALL SPECIALIZATIONS.)

<table>
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<tr>
<th>Course Code</th>
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<tbody>
<tr>
<td>BIOL 600</td>
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<td>BIOL 620</td>
<td>Developmental Biology</td>
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<td>BIOL 630</td>
<td>Comparative Animal Behavior</td>
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</table>

VII. Special Designations (30 Hours) (Majors with a special interest in one of the specific fields may substitute courses with an equal number of course credits. All substitutions must be approved by the major advisor and the Chairperson of the Division in which the major is being taken. A GPA OF 2.0 OR HIGHER IS REQUIRED FOR ALL SPECIAL DESIGNATIONS.)

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>BIOL 700</td>
<td>Advanced Zoology</td>
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<td>BIOL 710</td>
<td>Cell Biology</td>
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<td>BIOL 720</td>
<td>Developmental Biology</td>
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<tr>
<td>BIOL 730</td>
<td>Comparative Animal Behavior</td>
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</tbody>
</table>

VIII. Specializations (60 Hours) (Majors with a special interest in one of the specific fields may substitute courses with an equal number of course credits. All substitutions must be approved by the major advisor and the Chairperson of the Division in which the major is being taken. A GPA OF 2.0 OR HIGHER IS REQUIRED FOR ALL SPECIALIZATIONS.)

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<th>Title</th>
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<tbody>
<tr>
<td>BIOL 800</td>
<td>Advanced Zoology</td>
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<tr>
<td>BIOL 810</td>
<td>Cell Biology</td>
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<td>BIOL 820</td>
<td>Developmental Biology</td>
</tr>
<tr>
<td>BIOL 830</td>
<td>Comparative Animal Behavior</td>
</tr>
</tbody>
</table>

IX. Special Designations (30 Hours) (Majors with a special interest in one of the specific fields may substitute courses with an equal number of course credits. All substitutions must be approved by the major advisor and the Chairperson of the Division in which the major is being taken. A GPA OF 2.0 OR HIGHER IS REQUIRED FOR ALL SPECIAL DESIGNATIONS.)

<table>
<thead>
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<th>Course Code</th>
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<tbody>
<tr>
<td>BIOL 900</td>
<td>Advanced Zoology</td>
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<td>BIOL 910</td>
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<td>BIOL 920</td>
<td>Developmental Biology</td>
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<tr>
<td>BIOL 930</td>
<td>Comparative Animal Behavior</td>
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</table>

X. Specializations (60 Hours) (Majors with a special interest in one of the specific fields may substitute courses with an equal number of course credits. All substitutions must be approved by the major advisor and the Chairperson of the Division in which the major is being taken. A GPA OF 2.0 OR HIGHER IS REQUIRED FOR ALL SPECIALIZATIONS.)

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</tr>
</thead>
<tbody>
<tr>
<td>BIOL 1000</td>
<td>Advanced Zoology</td>
</tr>
<tr>
<td>BIOL 1010</td>
<td>Cell Biology</td>
</tr>
<tr>
<td>BIOL 1020</td>
<td>Developmental Biology</td>
</tr>
<tr>
<td>BIOL 1030</td>
<td>Comparative Animal Behavior</td>
</tr>
</tbody>
</table>

XI. Special Designations (30 Hours) (Majors with a special interest in one of the specific fields may substitute courses with an equal number of course credits. All substitutions must be approved by the major advisor and the Chairperson of the Division in which the major is being taken. A GPA OF 2.0 OR HIGHER IS REQUIRED FOR ALL SPECIAL DESIGNATIONS.)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
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</thead>
<tbody>
<tr>
<td>BIOL 1100</td>
<td>Advanced Zoology</td>
</tr>
<tr>
<td>BIOL 1110</td>
<td>Cell Biology</td>
</tr>
<tr>
<td>BIOL 1120</td>
<td>Developmental Biology</td>
</tr>
<tr>
<td>BIOL 1130</td>
<td>Comparative Animal Behavior</td>
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</table>

XII. Specializations (60 Hours) (Majors with a special interest in one of the specific fields may substitute courses with an equal number of course credits. All substitutions must be approved by the major advisor and the Chairperson of the Division in which the major is being taken. A GPA OF 2.0 OR HIGHER IS REQUIRED FOR ALL SPECIALIZATIONS.)

<table>
<thead>
<tr>
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<tbody>
<tr>
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<tr>
<td>BIOL 1210</td>
<td>Cell Biology</td>
</tr>
<tr>
<td>BIOL 1220</td>
<td>Developmental Biology</td>
</tr>
<tr>
<td>BIOL 1230</td>
<td>Comparative Animal Behavior</td>
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### Imperial Valley College

**General Catalog 2003-2004**

#### Liberal Arts and Sciences

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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</thead>
<tbody>
<tr>
<td>MATH 105</td>
<td>Introduction to College Algebra</td>
</tr>
<tr>
<td>HIST 101</td>
<td>American History through Reconstruction</td>
</tr>
<tr>
<td>HIST 102</td>
<td>World History</td>
</tr>
<tr>
<td>PHILOS 200</td>
<td>Introduction to Philosophy</td>
</tr>
<tr>
<td>SOCIOL 101</td>
<td>Introduction to Sociology</td>
</tr>
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#### Life Science

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANAT 101</td>
<td>Introduction to Human Anatomy</td>
</tr>
<tr>
<td>BIOL 101</td>
<td>Introduction to Biology</td>
</tr>
<tr>
<td>CHEM 101</td>
<td>General Chemistry</td>
</tr>
<tr>
<td>GEOG 101</td>
<td>Introduction to Geology</td>
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#### Fine Arts and Humanities

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 101</td>
<td>Introduction to Art</td>
</tr>
<tr>
<td>ART 201</td>
<td>Survey of Art History</td>
</tr>
<tr>
<td>ENGL 101</td>
<td>English Composition</td>
</tr>
</tbody>
</table>

#### Education

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ED 101</td>
<td>Introduction to Education</td>
</tr>
<tr>
<td>ED 201</td>
<td>Foundations of Education</td>
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#### Mathematics

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
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<tbody>
<tr>
<td>MATH 105</td>
<td>Intermediate Algebra</td>
</tr>
<tr>
<td>MATH 205</td>
<td>Calculus</td>
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</table>

#### Business Administration

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUS 101</td>
<td>Introduction to Business</td>
</tr>
<tr>
<td>BUS 201</td>
<td>Principles of Business</td>
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</tbody>
</table>

#### Computer Science

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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</thead>
<tbody>
<tr>
<td>CIS 101</td>
<td>Introduction to Computer Science</td>
</tr>
<tr>
<td>CIS 201</td>
<td>Programming I</td>
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#### Music

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUS 101</td>
<td>Introduction to Music</td>
</tr>
<tr>
<td>MUS 201</td>
<td>Music Theory</td>
</tr>
</tbody>
</table>

**Recommended Subject Areas**

1. **Foreign Language:** Depending upon the institution, the student is transferring to the requirement can be from two to three or more semesters in one foreign language (please see a counselor for assistance).

2. **Mathematics Observation Courses (1-3):** For students interested in SDSU this course is required and a co-requisite with MATH 110, Course will be open to all students.

**Library Technician Major (MAJOR CODE: 0310)**

(Pending California Community College Chancellor’s Office Approval)

A minimum of twenty-four (24) units is required for the major.

**All Required Courses for This Major Must Be Completed with a Grade of “C” or Better.**

1. **Required courses for the major**

### Liberal Arts

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 101</td>
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<tr>
<td>MUS 201</td>
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</tr>
</tbody>
</table>

### Total Units Required: **49**
<table>
<thead>
<tr>
<th>PHYSICAL SCIENCE (MAJOR CODE: 0720)</th>
</tr>
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<tbody>
<tr>
<td><strong>Fifty units required for the major</strong></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td><strong>I. Thirty-five units from:</strong></td>
</tr>
<tr>
<td>CHEM 1A General Inorganic Chemistry</td>
</tr>
<tr>
<td>CHEM 1B General Inorganic Chemistry</td>
</tr>
<tr>
<td>MATH 192 Calculus I</td>
</tr>
<tr>
<td>MATH 194 Calculus II</td>
</tr>
<tr>
<td>PHYS 4A General Physics</td>
</tr>
<tr>
<td>PHYS 4B General Physics</td>
</tr>
<tr>
<td>PHYS 4C General Physics</td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td><strong>II. Twenty-one units required for the major</strong></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td><strong>A. Required courses for the major</strong></td>
</tr>
<tr>
<td>PSYCH 1A Intro to Psychology</td>
</tr>
<tr>
<td>PSYCH 1B Learning</td>
</tr>
<tr>
<td>PSYCH 2 Biological Psychology</td>
</tr>
<tr>
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</tr>
<tr>
<td><strong>B. Minimum of 12 units from any of the following courses</strong></td>
</tr>
<tr>
<td>PSYCH 1A</td>
</tr>
<tr>
<td>PSYCH 1B</td>
</tr>
<tr>
<td>PSYCH 2</td>
</tr>
<tr>
<td>PSYCH 3 Psych of Adjustment</td>
</tr>
<tr>
<td>PSYCH 4 Psych of Human Sexuality</td>
</tr>
<tr>
<td>PSYCH 5 Life-Span and Personality</td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td><strong>C. Six units from:</strong></td>
</tr>
<tr>
<td>MATH 110 Advanced Statistics</td>
</tr>
<tr>
<td>MATH 210 Calculus &amp; Differential Equations</td>
</tr>
<tr>
<td>MATH 220 Elementary Differential Equations</td>
</tr>
<tr>
<td>MATH 230 Pre-Calculus Algebra with Applications</td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td><strong>TOTAL FOR THE MAJOR: 132</strong></td>
</tr>
</tbody>
</table>

---

**GENERAL CATALOG 2003-2004**

**First Semester**

- NURS 1AV Intro to Patient Care I  
- NURS 1BV Intro to Patient Care II  
- NURS 1CV Pharmacology I  
- NURS 1CV Patient Care Mgmt & Crit Think  
- PSYCH 35 Develop Psych: Conception to Death

**Second Semester**

- NURS 2A (V) Maternity Cycle  
- NURS 2B (V) Common Health Problems I  
- NURS 2C (V) Pharmacology II  
- PSYCH 35 Develop Psych: Conception to Death  
- PSYCH 35 Develop Psych: Conception to Death

---

**Third Semester**

- NURS 3A (V) Common Health Problems II  
- NURS 3B (V) Common Health Problems III  
- PSYCH 35 Develop Psych: Conception to Death  
- PSYCH 35 Develop Psych: Conception to Death  
- PSYCH 35 Develop Psych: Conception to Death

---

**Fourth Semester**

- NURS 4A (V) Common Health Problems IV  
- NURS 4B (V) Common Health Problems V  
- PSYCH 35 Develop Psych: Conception to Death  
- PSYCH 35 Develop Psych: Conception to Death  
- PSYCH 35 Develop Psych: Conception to Death

---

**All Required Courses for this Major Must Be Completed with a Grade of "CR", "C" or Better**

---

**Summer Session**

- NURS 5A (V) Maternity Care I  
- NURS 5B (V) Maternity Care II  
- PSYCH 35 Develop Psych: Conception to Death  
- PSYCH 35 Develop Psych: Conception to Death  
- PSYCH 35 Develop Psych: Conception to Death

---

**Fall 2003**

- NURS 6A (V) Maternity Care III  
- NURS 6B (V) Maternity Care IV  
- PSYCH 35 Develop Psych: Conception to Death  
- PSYCH 35 Develop Psych: Conception to Death  
- PSYCH 35 Develop Psych: Conception to Death

---

**Spring 2004**

- NURS 7A (V) Maternity Care V  
- NURS 7B (V) Maternity Care VI  
- PSYCH 35 Develop Psych: Conception to Death  
- PSYCH 35 Develop Psych: Conception to Death  
- PSYCH 35 Develop Psych: Conception to Death

---

**Summer 2004**

- NURS 8A (V) Maternity Care VII  
- NURS 8B (V) Maternity Care VIII  
- PSYCH 35 Develop Psych: Conception to Death  
- PSYCH 35 Develop Psych: Conception to Death  
- PSYCH 35 Develop Psych: Conception to Death

---

**TOTAL FOR THE MAJOR: 132**
A minimum of 6 units must be taken from Section II:

- AMSL 10 American Sign Language 1
- AMSL 11 American Sign Language 2
- AMSL 12 American Sign Language 3
- AMSL 13 American Sign Language 4
- AMSL 14 American Sign Language 5
- AMSL 16A Interpreting Amer Sign Lang 1
- AMSL 16B Interpreting Amer Sign Lang 2
- DSPS 33 Intro to Audiology
- DSPS 34 Auditory & Hearing Conserv
- DSPS 40 Intro to Residency Svcs Spec
- DSPS 41 Tech for Residency Svcs Spec
- HA 15 Health Assistant

II. Required courses for the major

I. Required courses for the major

- PE 62AB PE for Special Olympics
- DSPS 2B Practicum to Work with Disabled Person
- PSYCH 3 Psych of Adjustment
- PSYCH 9 Intro to Counselling
- PSYCH 10 Social Psychology
- CPPS 106 Develop Psych of Children
- REC 73 Recreation for Special Groups
- SOC 1 Introductory Sociology
- SOC 2 Contemp Social Problems
- SOC 30 Interdisciplinary Sociology
- SOC 33 Marriage and the Family

SPANISH-NATIVE SPEAKER

Twenty-six (26) units required for the major

I. Required courses for the major

- SPAN 20A Bilingual Spanish
- SPAN 20B Bilingual Spanish
- SPAN 23 Bilingual Oral Spanish
- SPAN 25 Intro to Spanish American Lit
- SPAN 27 Spanish Reading and Writing
- SPAN 43 Intro to Mexican American Studies
## Certification Programs

### Administration of Justice

Certification Code: 5220

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>AJ 21</td>
<td>Intro to Admin of Justice</td>
<td>3</td>
</tr>
<tr>
<td>AJ 23CRI 23</td>
<td>Concepts of Criminal Law</td>
<td>3</td>
</tr>
<tr>
<td>AJ 25</td>
<td>Legal Aspects of Evidence</td>
<td>3</td>
</tr>
<tr>
<td>AJ 26</td>
<td>Pre-Proc of the Justice System</td>
<td>3</td>
</tr>
<tr>
<td>AJ 28</td>
<td>Police Community Relations</td>
<td>3</td>
</tr>
<tr>
<td>AJ 37</td>
<td>Juvenile Correct</td>
<td></td>
</tr>
<tr>
<td>ENGL 2 or 2A</td>
<td>Basic English Composition</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 12B or 11*</td>
<td>Reading Ill or Inter Develop</td>
<td>3.5</td>
</tr>
</tbody>
</table>

*A score of 64 or higher Degrees of Reading Power (DRP) will substitute.*

### Agricultural Business Management

Certification Code: 5946

All courses for this certificate must be completed with a minimum grade of "C" or better.

### Agricultural Crop Science

Certification Code: 5048

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>AG 14</td>
<td>Entomology</td>
<td>3</td>
</tr>
<tr>
<td>BUS 4</td>
<td>Principles of Marketing</td>
<td>3</td>
</tr>
<tr>
<td>BUS 5</td>
<td>Bus &amp; the Legal Environment</td>
<td>3</td>
</tr>
<tr>
<td>BUS 10</td>
<td>-</td>
<td>3</td>
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### AGRICULTURAL CROP SCIENCE

Certification Code: 5048

<table>
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<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>AG 14</td>
<td>Entomology</td>
<td>3</td>
</tr>
<tr>
<td>BUS 4</td>
<td>Principles of Marketing</td>
<td>3</td>
</tr>
<tr>
<td>BUS 5</td>
<td>Bus &amp; the Legal Environment</td>
<td>3</td>
</tr>
<tr>
<td>BUS 10</td>
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<td>3</td>
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</table>

### Acceptable Courses for Certificate

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM 30</td>
<td>Food &amp; Fiber in a Changing World</td>
<td>3</td>
</tr>
<tr>
<td>AM 32</td>
<td>Irrigation and Drainage</td>
<td>3</td>
</tr>
<tr>
<td>PSYCH 9</td>
<td>Intro to Counseling</td>
<td>3</td>
</tr>
<tr>
<td>PSYCH 11A</td>
<td>Practicum</td>
<td>3</td>
</tr>
<tr>
<td>PSYCH 11B</td>
<td>Practicum</td>
<td>3</td>
</tr>
<tr>
<td>PSYCH 18</td>
<td>Alcoholism Intervention, Treatment &amp; Recovery</td>
<td>3</td>
</tr>
<tr>
<td>PSYCH 35</td>
<td>Drug &amp; Alcohol</td>
<td>3</td>
</tr>
<tr>
<td>PSYCH 35</td>
<td>Group Leadership &amp; Group Process</td>
<td>3</td>
</tr>
<tr>
<td>PSYCH 47</td>
<td>Counseling to Alcohol &amp; Drug Abuse</td>
<td>3</td>
</tr>
<tr>
<td>PSYCH 55</td>
<td>Crisis Intervention &amp; Referral Techniques</td>
<td>3</td>
</tr>
<tr>
<td>PHYS 3</td>
<td>Properties of Matterial</td>
<td>3</td>
</tr>
<tr>
<td>SOC 10A</td>
<td>Sociology of Minority Groups</td>
<td>3</td>
</tr>
<tr>
<td>SOC 10B</td>
<td>Sociology of Minority Groups</td>
<td>3</td>
</tr>
<tr>
<td>SOC 10C</td>
<td>Sociology of Minority Groups</td>
<td>3</td>
</tr>
<tr>
<td>SW 220</td>
<td>Social Work</td>
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<tr>
<td>AUTO T 58</td>
<td>Air Conditioning</td>
<td>3</td>
</tr>
<tr>
<td>AUTO T 59</td>
<td>Automotive Electronics I</td>
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</tr>
<tr>
<td>AUTO T 60</td>
<td>Automotive Electronics II</td>
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</tr>
<tr>
<td>AUTO T 61</td>
<td>Automotive Electronics III</td>
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### Automotive Body Repair and Painting

Certification Code: 5920

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>AUTO T 70</td>
<td>Auto Body Repair &amp; Painting</td>
<td>3</td>
</tr>
<tr>
<td>AUTO T 71</td>
<td>Auto Body Repair &amp; Paint &amp; Tire Service</td>
<td>3</td>
</tr>
<tr>
<td>AUTO T 72</td>
<td>Auto &amp; Light Truck Major</td>
<td>3</td>
</tr>
<tr>
<td>AUTO T 73</td>
<td>Auto &amp; Light Truck Major</td>
<td>3</td>
</tr>
<tr>
<td>AUTO T 74</td>
<td>Auto &amp; Light Truck Major</td>
<td>3</td>
</tr>
<tr>
<td>AUTO T 75</td>
<td>Auto Body Custom Refinishing &amp; Shop Management</td>
<td>3</td>
</tr>
<tr>
<td>AUTO T 76</td>
<td>Suspension &amp; Wheel Alignment</td>
<td>3</td>
</tr>
<tr>
<td>WELD 31</td>
<td>Basic Welding</td>
<td>3</td>
</tr>
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</table>

### Automotive Electronics

Certification Code: 5924

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>AUTO T 70</td>
<td>Auto Body Repair &amp; Painting</td>
<td>3</td>
</tr>
<tr>
<td>AUTO T 71</td>
<td>Auto Body Repair &amp; Paint &amp; Tire Service</td>
<td>3</td>
</tr>
<tr>
<td>AUTO T 72</td>
<td>Auto &amp; Light Truck Major</td>
<td>3</td>
</tr>
<tr>
<td>AUTO T 73</td>
<td>Auto &amp; Light Truck Major</td>
<td>3</td>
</tr>
<tr>
<td>AUTO T 74</td>
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<td>3</td>
</tr>
<tr>
<td>AUTO T 75</td>
<td>Auto Body Custom Refinishing &amp; Shop Management</td>
<td>3</td>
</tr>
<tr>
<td>AUTO T 76</td>
<td>Suspension &amp; Wheel Alignment</td>
<td>3</td>
</tr>
<tr>
<td>WELD 31</td>
<td>Basic Welding</td>
<td>3</td>
</tr>
</tbody>
</table>

### Automotive Power Train

Certification Code: 5925

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>AUTO T 52</td>
<td>Manual Transmissions &amp; Power Trains</td>
<td>3</td>
</tr>
<tr>
<td>AUTO T 61A</td>
<td>Automatic Transmissions</td>
<td>3</td>
</tr>
<tr>
<td>MATH 209</td>
<td>Basic Math or equivalent</td>
<td>3</td>
</tr>
<tr>
<td>AUTO T 53A</td>
<td>Automotive Brakes</td>
<td>4</td>
</tr>
<tr>
<td>AUTO T 53B</td>
<td>Suspension &amp; Wheel Alignment</td>
<td>4</td>
</tr>
<tr>
<td>WELD 31</td>
<td>Basic Welding</td>
<td>4</td>
</tr>
</tbody>
</table>

### Automotive Technology

Certification Code: 5920

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>AUTO T 52</td>
<td>Manual Transmissions &amp; Power Trains</td>
<td>3</td>
</tr>
<tr>
<td>AUTO T 61A</td>
<td>Automatic Transmissions</td>
<td>3</td>
</tr>
<tr>
<td>MATH 209</td>
<td>Basic Math or equivalent</td>
<td>3</td>
</tr>
<tr>
<td>AUTO T 53A</td>
<td>Automotive Brakes</td>
<td>4</td>
</tr>
<tr>
<td>AUTO T 53B</td>
<td>Suspension &amp; Wheel Alignment</td>
<td>4</td>
</tr>
<tr>
<td>WELD 31</td>
<td>Basic Welding</td>
<td>4</td>
</tr>
</tbody>
</table>

### Automotive Engine Performance

Certification Code: 5921

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>AUTO T 52</td>
<td>Manual Transmissions &amp; Power Trains</td>
<td>3</td>
</tr>
<tr>
<td>AUTO T 61A</td>
<td>Automatic Transmissions</td>
<td>3</td>
</tr>
<tr>
<td>MATH 209</td>
<td>Basic Math or equivalent</td>
<td>3</td>
</tr>
<tr>
<td>AUTO T 53A</td>
<td>Automotive Brakes</td>
<td>4</td>
</tr>
<tr>
<td>AUTO T 53B</td>
<td>Suspension &amp; Wheel Alignment</td>
<td>4</td>
</tr>
<tr>
<td>WELD 31</td>
<td>Basic Welding</td>
<td>4</td>
</tr>
</tbody>
</table>

### Basic Computer Skills

Certification Code: 5987

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUS 29A</td>
<td>Word Processing</td>
<td>3</td>
</tr>
<tr>
<td>BUS 51</td>
<td>Microcomputer Keyboarding</td>
<td>1</td>
</tr>
<tr>
<td>CIS 23</td>
<td>Computer Literacy</td>
<td>1</td>
</tr>
<tr>
<td>CIS 37A</td>
<td>Spreadsheet Excel</td>
<td>1</td>
</tr>
</tbody>
</table>

*Students must satisfy the Imperial Valley College mathematics competency requirements for the certificate.*

**Imperial Valley College**
Twenty-six (26) units required for the certificate

ALL REQUIRED COURSES FOR THIS CERTIFICATE MUST BE COMPLETED WITH A GRADE OF "CR", "C" OR BETTER.

I. Required courses for the certificate

BUS 1A Principles of Financial Accounting .......... 4
BUS 10 Practical Accounting .................. 3
BUS 11 Business Retailing .................. 3
BUS 12 Personal Finance .................. 3
BUS 13 *Small Business Management .......... 3
BUS 41 Essentials of Bus Correspondence .......... 3
BUS 70A Customer Service .................. 5
BUS 70B Communication .................. 5
BUS 70C Team Building .................. 5
BUS 70D Time Management .................. 5
BUS 70E Stress Management .................. 5
BUS 70F Conflict Management .................. 5
BUS 70G Ethics & Values .................. 5

II. Acceptable courses for the certificate (Minimum of nine units from the following courses)

BUS 1B Principles of Managerial Accounting .......... 4
BUS 2 Introduction to Business .................. 3
BUS 4 Principles of Marketing .................. 3
BUS 6 Management Concepts of Supervision .......... 3
BUS 7 *Human Relations in Management .......... 3
BUS 10 Practical Accounting .................. 3
BUS 14 *Practical Salesmanship .................. 3
BUS 16 Small Business Management .................. 3
BUS 41A Business in Bus Correspondence .......... 3
BUS 70A Customer Service .................. 5
BUS 70B Communication .................. 5
BUS 70C Team Building .................. 5
BUS 70D Time Management .................. 5
BUS 70E Stress Management .................. 5
BUS 70F Conflict Management .................. 5
BUS 70G Ethics & Values .................. 5

* Highly recommended for this certificate

BUSINESS MARKETING (CERTIFICATE CODE: S52)

Twenty-nine (29) units required for the certificate

ALL REQUIRED COURSES FOR THIS CERTIFICATE MUST BE COMPLETED WITH A GRADE OF "CR", "C" OR BETTER.

I. Required courses for the certificate

BUS 1A Principles of Financial Accounting .......... 4
BUS 3/AG 25 Business Management .................. 3
BUS 70A Customer Service .................. 5
BUS 70B Communication .................. 5
BUS 70C Team Building .................. 5
BUS 70D Time Management .................. 5
BUS 70E Stress Management .................. 5
BUS 70F Conflict Management .................. 5
BUS 70G Ethics & Values .................. 5

II. Acceptable courses for the certificate (Minimum of nine units from the following courses)

BUS 1B Principles of Managerial Accounting .......... 4
BUS 2 Introduction to Business .................. 3
BUS 4 Principles of Marketing .................. 3
BUS 6 Management Concepts of Supervision .......... 3
BUS 7 *Human Relations in Management .......... 3
BUS 10 Practical Accounting .................. 3
BUS 14 *Practical Salesmanship .................. 3
BUS 16 Small Business Management .................. 3
BUS 18 Business Marketing .................. 3
BUS 21 Microcomputer Accounting .................. 3
BUS 27 Principles of Economics .................. 3
BUS 28 Spreadsheet: Excel .................. 1
BUS 31A Computer Applications Lab .................. 1
BUS 31AC Computer Applications Lab ............... 1

* Highly recommended for this certificate

BUSINESS MANAGEMENT (CERTIFICATE CODE: S50)

Twenty-six (26) units required for the certificate

ALL REQUIRED COURSES FOR THIS CERTIFICATE MUST BE COMPLETED WITH A GRADE OF "CR", "C" OR BETTER.

I. Required courses for the certificate

BUS 1A Principles of Financial Accounting .......... 4
BUS 3/AG 25 Business Management .................. 3
BUS 5 Business and the Legal Environment ........... 3

II. Acceptable courses for the certificate (Minimum of nine units from the following courses)

BUS 1B Principles of Managerial Accounting .......... 4
BUS 2 Introduction to Business .................. 3
BUS 4 Principles of Marketing .................. 3
BUS 6 Management Concepts of Supervision .......... 3
BUS 7 *Human Relations in Management .......... 3
BUS 10 Practical Accounting .................. 3
BUS 14 *Practical Salesmanship .................. 3
BUS 16 Small Business Management .................. 3
BUS 41A Business in Bus Correspondence .......... 3
BUS 70A Customer Service .................. 5
BUS 70B Communication .................. 5
BUS 70C Team Building .................. 5
BUS 70D Time Management .................. 5
BUS 70E Stress Management .................. 5
BUS 70F Conflict Management .................. 5
BUS 70G Ethics & Values .................. 5

III. Required skill level for the certificate:

Keyboarding skill level 40 wpm. (BUS 25AC, Keyboarding Speed & Accuracy, may be helpful in obtaining this speed level.)
Thirty (30) units required for this certificate

### I. Required courses for this major

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUS 1A</td>
<td>Principles of Financial Accounting</td>
</tr>
<tr>
<td>BUS 2</td>
<td>Business Management Principles</td>
</tr>
<tr>
<td>BUS 4</td>
<td>Principles of Marketing</td>
</tr>
<tr>
<td>BUS 7</td>
<td>Human Relations Management</td>
</tr>
<tr>
<td>BUS 8</td>
<td>Human Resources Management</td>
</tr>
<tr>
<td>BUS 11</td>
<td>Business Retailing</td>
</tr>
<tr>
<td>BUS 23</td>
<td>Microcomputer Accounting</td>
</tr>
<tr>
<td>BUS 41</td>
<td>Essentials in Business Correspondence</td>
</tr>
<tr>
<td>or BUS 42</td>
<td>Business Communications</td>
</tr>
<tr>
<td>CIS 1</td>
<td>Introduction to Information Systems</td>
</tr>
<tr>
<td>SPCH 1</td>
<td>Oral Communications</td>
</tr>
</tbody>
</table>

#### COMPUTER INFORMATION SYSTEMS (CERTIFICATE CODE: 5005)

Twenty units (20) required for the certificate

### ALL REQUIRED COURSES FOR THIS CERTIFICATE MUST BE COMPLETED WITH A GRADE OF "C", "C" OR BETTER

#### I. Required courses for the certificate

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUS 1A</td>
<td>Principles of Financial Accounting</td>
</tr>
<tr>
<td>CIS 1</td>
<td>Intro to Information Systems</td>
</tr>
</tbody>
</table>

#### Select seven elective units (programming courses taken above may not be used to satisfy this requirement):

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIS 10</td>
<td>Programming in COBOL</td>
</tr>
<tr>
<td>CIS 12</td>
<td>Programming in BASIC</td>
</tr>
<tr>
<td>CIS 13</td>
<td>Programming in VisualBasic</td>
</tr>
<tr>
<td>CIS 15</td>
<td>Programming in C</td>
</tr>
<tr>
<td>CIS 16</td>
<td>Programming in JAVA</td>
</tr>
<tr>
<td>CIS 130</td>
<td>Programming in Fortran</td>
</tr>
</tbody>
</table>

#### II. Select seven elective units (programming courses taken above may not be used to satisfy this requirement):

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIS 3</td>
<td>Introduction to Telecommunications</td>
</tr>
<tr>
<td>CIS 8</td>
<td>PC Maintenance &amp; Repair</td>
</tr>
<tr>
<td>CIS 10</td>
<td>Programming in COBOL</td>
</tr>
<tr>
<td>CIS 12</td>
<td>Programming in BASIC</td>
</tr>
<tr>
<td>CIS 13</td>
<td>Programming in VisualBasic</td>
</tr>
<tr>
<td>CIS 15</td>
<td>Programming in C</td>
</tr>
<tr>
<td>CIS 16</td>
<td>Programming in JAVA</td>
</tr>
<tr>
<td>CIS 21AC</td>
<td>Computer Applications Lab (1-1-1)</td>
</tr>
<tr>
<td>CIS 22</td>
<td>Microcomputer Accounting</td>
</tr>
<tr>
<td>CIS 26</td>
<td>Windows 95 Windows Operating Sys</td>
</tr>
<tr>
<td>CIS 32B</td>
<td>Word Processing Microsoft Word for Windows 1</td>
</tr>
<tr>
<td>CIS 34</td>
<td>Power Point</td>
</tr>
<tr>
<td>CIS 37B</td>
<td>Spreadsheet Excel</td>
</tr>
<tr>
<td>CIS 41A</td>
<td>Data Base Access</td>
</tr>
<tr>
<td>CIS 42</td>
<td>Web Page Development</td>
</tr>
<tr>
<td>MATH 130</td>
<td>MATH 130 Programming in Fortran</td>
</tr>
<tr>
<td>WE 80AD</td>
<td>Employment Readiness Class (1-1-1-1)</td>
</tr>
<tr>
<td>WEOCC 2</td>
<td>WEOCC 2 Internship (1-1-1-1)</td>
</tr>
</tbody>
</table>

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### GENERAL CATALOG 2003-2004

#### CORRECTIONAL SCIENCE (CERTIFICATE CODE: 5222)

Twenty-four (24) units required for the certificate

#### I. Required courses for the certificate

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>CJS 21</td>
<td>Intro to Corrections</td>
</tr>
<tr>
<td>CJS 22A/29</td>
<td>Report Writing</td>
</tr>
<tr>
<td>CJS 23A/23</td>
<td>Concepts of Criminal Law</td>
</tr>
<tr>
<td>CJS 24</td>
<td>Correctional Interviewing &amp; Counseling</td>
</tr>
<tr>
<td>CJS 25</td>
<td>Control &amp; Supervision of Inmates</td>
</tr>
</tbody>
</table>

#### II. Select seven (9) units from the following courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AJ 21</td>
<td>Intro to Admin of Justice</td>
</tr>
<tr>
<td>AJ 25</td>
<td>Police Community Relations</td>
</tr>
<tr>
<td>AJ 34</td>
<td>Criminal Investigation</td>
</tr>
<tr>
<td>AJ 37</td>
<td>Juvenile Control</td>
</tr>
<tr>
<td>AJ 41</td>
<td>Arrest &amp; Firearms</td>
</tr>
<tr>
<td>AJ 51</td>
<td>Security Guard (Arrest) (0.5)</td>
</tr>
<tr>
<td>CJS 31</td>
<td>Concepts of Probation &amp; Parole</td>
</tr>
<tr>
<td>ENGL 1A</td>
<td>Reading &amp; Composition</td>
</tr>
</tbody>
</table>

---

### EARLY CHILDHOOD ASSISTANT (CERTIFICATE CODE: 5116)

All courses used for the Early Childhood Education programs must be completed with a grade of "C" or better.

This certificate meets the requirements for the State of California Child Development Permit. Assistant.

Six units required for the certificate

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>CPCS 101</td>
<td>Health, Safety &amp; Nutrition for Teachers of Young Children</td>
</tr>
<tr>
<td>CPCS 102/2</td>
<td>First Aid &amp; CPR for Teachers</td>
</tr>
<tr>
<td>CPCS 104</td>
<td>Early Childhood Social: Children, Family &amp; Community</td>
</tr>
<tr>
<td>CPCS 106</td>
<td>Develop Psych of Children</td>
</tr>
<tr>
<td>CPCS 110</td>
<td>Early Childhood Curriculum I</td>
</tr>
<tr>
<td>HT 17</td>
<td>of Young Children</td>
</tr>
</tbody>
</table>

---

### GENERAL CATALOG 2003-2004

#### IMPERIAL VALLEY COLLEGE

#### EARLY CHILDHOOD ASSOCIATE TEACHER (CERTIFICATE) (CERTIFICATE CODE: 5119)

Fifteen (15) units required for the certificate:

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>CPCS 101</td>
<td>Health, Safety &amp; Nutrition for Teachers of Young Children</td>
</tr>
<tr>
<td>CPCS 102/2</td>
<td>First Aid &amp; CPR for Teachers</td>
</tr>
<tr>
<td>CPCS 104</td>
<td>Early Childhood Social: Children, Family &amp; Community</td>
</tr>
<tr>
<td>CPCS 106</td>
<td>Psych of Children</td>
</tr>
<tr>
<td>CPCS 110</td>
<td>Early Childhood Curriculum I</td>
</tr>
</tbody>
</table>

---

### IMPERIAL VALLEY COLLEGE

#### SCHOOL-AGE SPECIALIZATION CERTIFICATE (CERTIFICATE CODE: 5117)

The School-Age Specialization Certificate is a certificate demonstrating a completion of specialized course work above the major in working with school-age children. This certificate will also meet the requirements for the specialization field for the Associate in Arts degree.

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>CPCS 230</td>
<td>School-Age Development</td>
</tr>
<tr>
<td>CPCS 232</td>
<td>School-Age Curriculum</td>
</tr>
</tbody>
</table>

---

### ELECTRONICS (CERTIFICATE CODE: 5120)

All required courses for this certificate must be completed with a minimum grade of "C" or better.

Fourteen (14) units required for the certificate

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ELTRN 1A</td>
<td>Basic Electricity &amp; Electronics</td>
</tr>
<tr>
<td>ELTRN 1B</td>
<td>Electronics</td>
</tr>
<tr>
<td>ELTRN 2A</td>
<td>Adv Electronics</td>
</tr>
<tr>
<td>ELTRN 2B</td>
<td>Adv Electronics</td>
</tr>
</tbody>
</table>

---

### EMERGENCY MEDICAL TECHNICIAN (CERTIFICATE CODE: 5130)

Seven and one-half (7.5) units required for the certificate

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>EMT 1F</td>
<td>EMT1 Emergency Medical Tech 1</td>
</tr>
<tr>
<td>EMT 1S</td>
<td>EMT1 Emergency Medical Tech 1</td>
</tr>
</tbody>
</table>

---

### EMERGENCY MEDICAL TECHNICIAN II (CERTIFICATE CODE: 5131)

Twelve (12) units required for the certificate

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>EMT 2A</td>
<td>EMT2 Emergency Medical Tech 2</td>
</tr>
<tr>
<td>EMT 2B</td>
<td>EMT2 Emergency Medical Tech 2</td>
</tr>
</tbody>
</table>

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### EMERGENCY MEDICAL TECHNICIAN PARAMEDIC (CERTIFICATE CODE: 5133)

Successful completion of application process. Acceptance into program by EMT Training Coordinator and EMT Training Medical Director. Contact Nursing Division for specifics.

Thirty-eight and one-half (38.5) units required for the certificate

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>EMT-P D1</td>
<td>EMT Paramedic- Didactic 1</td>
</tr>
<tr>
<td>EMT-P D2</td>
<td>EMT Paramedic- Didactic 2</td>
</tr>
<tr>
<td>EMT-P C1</td>
<td>EMT Paramedic- Clinical 1</td>
</tr>
<tr>
<td>EMT-P C2</td>
<td>EMT Paramedic- Clinical 2</td>
</tr>
<tr>
<td>EMT-P F1</td>
<td>EMT Paramedic- Field 1</td>
</tr>
<tr>
<td>EMT-P F2</td>
<td>EMT Paramedic- Field 2</td>
</tr>
</tbody>
</table>
Advanced Pumping...

III. Required courses for the certificate
ENVT 100 Intro to Environmental Tech ................................. 4
ENVT 101 Hazard Waste Generation ................................. 3
ENVT 105 Hazard Materials Mgmt. App. ............................ 3
ENVT 107 Hazard Waste Mgmt. App. ............................... 3
ENVT 109 Health Effects of Hazard Materials ...................... 3

ENV T 113 Safety & Emergency Response ............................ 5

Or

ENV T 113A/ENV T 120 Safety & Emergency Response, Fundamentals of Hazard Materials Management

And

ENV T 113B Safety & Emergency Response Haz Mat Awareness & Safety

BIOL 3 Principles of Biological Science

CHEM 1A General Inorganic Chemistry

CHEM 3N General Organic Chemistry

* See a counselor if taking in high school

ii. Acceptable courses for the certificate (minimum of 5-6 units for the certificate).

BUS 2

Introduction to Business ................................. 3

BUS 3AG BS Business Management .................................. 3

BUS 5 Business 7 the Legal Environment .............................. 3

BUS 6 Management Concepts of Supv ................................ 3

BUS 7 Human Relations in Management ............................ 3

BUS 8 Human Resource Management ................................ 3

CIS 1 Intro to Information Systems .................................... 3

CIS 21ABC Certificate Application Lab.

CIS 31AB Computer Applications Lab.

CIS 311A Business Word Processing for Windows

SPCH 3 Interpersonal Public Speaking

WEBO 80 AD Employment Readiness Class .......................... 1

WEBOC 82 AD Internship ......................................................... 1

FIELD ARCHAEOLOGY

(CERTIFICATE CODE: 5600)

Twenty-four to twenty-five (24-25) units and 100 hours of field work required for the certificate.

ANTH 1 Physical Anthropology

ANTH 2 Cultural Anthropology

ANTH 3A Intro to Arch Site Survey

ANTH 3B Intro to Arch Excavations

ANTH 5C Adv Archaeological Survey

ANTH 3D Adv Arch Excavations

ANTH 4 California Indians

Three (3) units to be selected from the following courses

BIOL 3 Prin of Biological Science

GEOG 1 Physical Geography

ZOO 1A General Zoology

ZOO 1B General Zoology

HA 15 Health Assistant .......................................................... 5

HOME HEALTH AIDE

(CERTIFICATE CODE: 5195)

One and one-half (1.5) units required for the certificate

HA 16 Home Health Aide ....................................................... 1.5

HUMAN RELATIONS

(CERTIFICATE CODE: 5280)

Areas of emphasis: Community Mental Health Worker, Counseling, School, Social Services, Personnel, Employment Counseling and Supervision.

Twenty-four (24) units required for the certificate

I. Required courses for the certificate

PSYCH 1A Intro to Psychology ....................................... 3

PSYCH 2A Psychology of Adjustment .................... 3

PSYCH 3A Psychological Assessment .................... 3

PSYCH 9 Int & Mental Status Assessment .................... 3

SOC 1 Introductory Sociology ........................................ 3

SOC 2 Contemporary Social Problems .................... 3

SOC 3 Sociology of Minority Groups .......................... 3

SOCI 33 Marriage & the Family ........................................ 3

LEGAL ASSISTANT

(CERTIFICATE CODE: 5230)

Twenty-four (24) units required for the certificate

I. Required courses for the certificate

AJ 23/CIS 22 Concepts of Criminal Law .......................... 3

BUS 5 Bus & the Legal Environment .......................... 3

LIBAL 21 Legal Research ....................................................... 3

LIBAL 22 Civil Procedures & Family Law .................... 3

LIBAL 23 Civil Discovery & Torts ................................. 3

LIBAL 24 Corporations & Bankruptcy ......................... 3

LIBAL 25 Real Estate Law for Legal Assistants ................. 3

LIBAL 26 Will-Trusts-Probate and Estate Admin .................. 3

Library Technician

(CERTIFICATE CODE: 5439)

All required courses for this certificate must be completed with a grade of "C" or Better

I. Required courses for the certificate

LIBRARY 51 Intro to Library Science .................... 3

LIBRARY 52 Library Technical Services .................... 3

LIBRARY 53 Library Public Services ................................ 3

LIBRARY 54 Introduction to Media Services .................... 3

LIBRARY 55 Introduction to Cataloging & Classification ............ 3

LIBRARY 56 Information and Reference Services ................. 3

All and choose from the following for a total of 3 units

BUS 7 Human Relations in Management .............................. 3

BUS 20 Technology for the Modern Office .......................... 3

BUS 21 Business Letters and Report Writing .................... 3

BUS 42 Business Communication ...................................... 3

BUS 51 Microcomputer Keyboarding ................................ 3

CIS 1 Introduction to Information Systems .................... 3

CIS 23 Certificate Library

CIS 32 A & B Word Processing: Microsoft Word

CIS 34 Power Point ......................................................... 3

WE 20 AD Employment Readiness Class .......................... 3

WEOCC 82 AD Internship ......................................................... 1

MEDICAL ASSISTANT

(CERTIFICATE CODE: 4180)

Twenty-six and one-half (26.5) units required for the certificate

HT 1 Medical Terminology ....................................................... 3

HA 18 Administrative Medical Assistant I ...................... 4.5

HA 19 Administrative Medical Assistant II ...................... 4.5

HA 20 Specimen Collection & Lab Procedures ...................... 2.5

HA 21 Exam Room Procedures ........................................... 3.5

HA 22 Pharmacy & Admin of Medication ....................... 3.5

HA 23A Clinical Internship ................................................. 2

HA 23B Clinical Internship II ............................................ 2

MEDICAL OFFICE TECHNICIAN

(CERTIFICATE CODE: 5181)

Fourteen (14) units required for the certificate

HT 3 Medical Terminology ....................................................... 3

HA 18 Administrative Medical Assistant I ...................... 4.5

HA 19 Administrative Medical Assistant II ...................... 4.5

HA 23A Clinical Internship ................................................. 2
Twenty-one (21) units required for the certificate

BUS 29A  Word Processing ........................................ 3
BUS 40  Business English ......................................... 3
HT 3  Medical Terminology ....................................... 3
HT 4  Medical Transcription ..................................... 3
HT 5  Patient Information Systems ............................. 3
HT 6  Medical Insurance ......................................... 3
HT 7  Patient Administrative Services ......................... 3

PHARMACY TECHNICIAN  (CERTIFICATE CODE: S340)

Twenty-one units required for the certificate

ANAT 6  Anatomy & Physiology for Health Occupations .. 3
HT 3  Medical Terminology ....................................... 3
HT 12  Pharmacy Technician I .................................. 3
HT 13  Pharmacy Technician II ................................ 3
MATH 080  Beginning Algebra .................................. 3

REAL ESTATE  (CERTIFICATE CODE: S260)

Eighteen units required for the certificate

ALL REQUIRED COURSES FOR THIS CERTIFICATE MUST BE COMPLETED WITH A GRADE OF "C" OR BETTER.

BUS 90  Real Estate Principles ................................ 3
BUS 91  Real Estate Practice ...................................... 3
BUS 92A  Legal Aspects of Real Estate ......................... 3
BUS 93  Real Estate Finance ..................................... 3
BUS 94A  Real Estate Appraisal .................................. 3
BUS 95  Real Estate Economics ................................... 3

Upon the satisfactory completion of the listed courses, the student will be eligible for the California Junior College Real Estate Certificate which is issued in cooperation with the California Division of Real Estate and the California Real Estate Association under their Education and Research Program.

RECREATION  (CERTIFICATE CODE: S276)

Eighteen units required for the certificate

I. Required courses for the certificate

REC 70  Introduction to Leisure ................................ 3
REC 71  Social Recreation ........................................ 3
REC 72  Outdoor Recreation ...................................... 3
REC 73  Recreation for Special Groups ......................... 4

Two or 3 units to be selected from the following courses:

ART 22A Design ................................................. 3
PE 60ACD Lifeguard/Training/Advanced Lifeguard ......... 2
PE 59  Sports Officializing ..................................... 3
PE 61  PE in the Elementary School ........................... 3
PE 62AB PE for Special Olympics ............................ 3

II. Acceptable courses for the certificate (2 or 3 units to be selected from the following courses)

PE 30ACD Physical Fitness, Women .......................... 1
PE 40ACD Badminton, Coed .................................... 1
PE 30ACD Swimming, Coed ................................... 1
PE 00ACD Team Sports ......................................... 1
PE 11ABCD Volleyball, Coed ................................... 1
PE 12ABCD Tennis, Coed ...................................... 1
PE 14ABCD Adv Volleyball, Coed .............................. 1
PE 17ACD Physical Fitness, Coed ............................. 1
PE 20ACD Softball, Coed ....................................... 1
PE 23ABCD Basketball for Women ............................. 1
PE 24ABCD Basketball for Men ................................ 1
PE 29ACD Jazz Dance, Coed ................................... 1

REHABILITATION TECHNICIAN FOR PERSONS DISABLED  (CERTIFICATE CODE: S280)

Eighteen (18) units required for the certificate

I. Required courses for the certificate

DSFS 15  CPC2900 Understanding Excerpt Students ....... 3
DSFS 2A  Practicum Experience to Work with the Disabled Person ......................................................... 2
PSYCH 1A  Intro to Psychology .................................. 3

II. A minimum of six (6) units must be taken from Section II

AMSL 10  American Sign Language I .......................... 4
AMSL 11  American Sign Language II ........................ 4

AMSL 12  American Sign Language 3 ........................... 4
AMSL 13  American Sign Language 4 ........................... 4
AMSL 14  American Sign Language 5 ........................... 4
AMSL 15A  Interpreting American Sign Lang 1 .......... 3
AMSL 15B  Interpreting American Sign Lang 2 .......... 3
DSFS 33  Introduction to Audology ............................. 3
DSFS 34  Audiology & Hearing Conservation ............... 3
DSFS 40  Intro to Residential Svs Sptcl ....................... 3
DSFS 41  Tech for Residential Svs Sptcl ..................... 3
HA 15  Health Assistant ........................................ 5

III. Additional units to complete the major may be utilized from the courses under Section III

PE 62AB PE for Special Olympics ............................ 3
DSFS 2B  Practicum Exper to Work with the Disabled Person ......................................................... 2
CFCPS 106  
PSYCH 20  Develop Psych of Children ........................ 3
PSYCH 3  Psych of Adjustment .................................. 3
PSYCH 9  Intro to Counseling ................................... 3
PSYCH 17  
SOC 17  Social Psychology ................................... 3
RBC 73  Recreation for Special Groups ....................... 3
SOC 1  Introductory Sociology .................................. 3
SOC 2  Contemp Social Problems .............................. 3

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VOCATIONAL NURSING  (CERTIFICATE CODE: S300)

Thirty-eight (38) units of nursing required for the major. Fifteen support course units required to complete the vocational nursing program.

Pre-Admission Requirements

ENGL 1A  Reading & Composition ................................ 3

Pre-Clinical Requirements

ANAT 6  Anat & Phys for Health Occupations ........... 3
HT 3  Medical Terminology ....................................... 3
PSYCH 1A  Intro to Psychology .................................. 3

First Semester

NURS 1A  Intro to Patient Care I .............................. 5
NURS 1B  Intro to Patient Care II ............................ 5
NURS 1C  Pharmacology I ......................................... 2
NURS 1D  Patient Care & Cis Think ............................ 2.5
PSYCH 13  Develop Psych: Concepcion to Death ........... 3

Second Semester

NURS 2A  (V) Maturity Cycle ................................... 5.5
NURS 2B  (V) Common Health Problems I ................. 5.5
NURS 2C  (V) Pharmacology II ................................ 2

Third Semester

Current: 

Humanities Elective ............................................ 3
NURS 1A  (V) Common Health Problems II ................ 6.5
NURS 3B  (V) Common Health Problems III .............. 6.5

TOTAL 16

Fall 2003: 

Current: 

Humanities Elective ............................................ 3
NURS 1A  (V) Common Health Problems II ................ 6.5
NURS 3B  (V) Common Health Problems III .............. 5.5

TOTAL 14

WASTEWATER TECHNOLOGY  (CERTIFICATE CODE: S310)

ALL REQUIRED COURSES FOR THE CERTIFICATE MUST BE COMPLETED WITH A GRADE OF "C" OR BETTER.

Fifteen (15) units required for the certificate

I. Required courses for the certificate

WT 6  Comp Procd for Treatment Plant Operator I .......... 3
WT 7  Comp Procd for Treatment Plant Operator II ........ 3

WT 8  Waste Water Treatment I ................................ 4
WT 10  Waste Water Treatment II ............................ 4

WATER TREATMENT TECHNOLOGY  (CERTIFICATE CODE: S310)

ALL REQUIRED COURSES FOR THE CERTIFICATE MUST BE COMPLETED WITH A GRADE OF "C" OR BETTER.

Fifteen (15) units required for the certificate

I. Required courses for the certificate

WT 1  Water Treat Plant Operator I ............................. 4
WT 2  Water Treat Plant Operator II .......................... 4
WT 6  Comp Procd for Treatment Plant Operator I ........ 3
WT 7  Comp Procd for Treatment Plant Operator II ........ 3

WELDING TECHNOLOGY  (CERTIFICATE CODE: S320)

ALL REQUIRED COURSES FOR THE CERTIFICATE MUST BE COMPLETED WITH A GRADE OF "C" OR BETTER.

Twenty (20) units required for this certificate

I. Required courses for the certificate

WELD 31  Basic Welding ........................................ 5
WELD 31A  Oxy-Acetylene Welding ............................ 2
WELD 31B  Arc Welding ......................................... 3
WELD 36A  Advanced Welding .................................. 5
WELD 36 B  Advanced Welding ................................. 5
WELD 36 C  Adv Weld-Welder Certificate & Blueprint Reading ......................................................... 5
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