May 19, 1976

TO: Board of Trustees and Dr. G. Gooder, Superintendent/President
FROM: Betty M. Dean, Teacher/Coordinator Educational Planning and Curriculum
RE: NEW CURRICULA

The Curriculum Advisory Committee has considered all new courses and programs which may be offered during 1976-1977. The criteria under which a course or program can be offered in 1976-1977 are: 1) it is the result of state mandate for an already established program, 2) it will be taught as the result of new facilities, or 3) it can be offered within the department's 1975-1976 budget. All courses with budgetary implications have been prioritized by the Curriculum Committee for offering in 1977-78 thereby making it possible to consider them when planning the 1977-78 budget and staffing.

Attached are descriptions of the approved courses and the prioritized list established by the committee. In addition, there are new and revised programs which are a compilation of either already approved courses, revised courses, or new courses. The last attachment is a copy of the Course Addition/Change form which outlines the criteria used for prioritizing all new course proposals.

BMD:kt
Accounting 15 - Fundamentals of Personal Income Tax (3) F S
Prerequisite: One semester of Accounting or Equivalent recommended
Organization: 3 hours lecture weekly

A study of Income Tax Law as it relates to individuals and the preparation of personal tax returns. California taxation laws are studied where they are at variance with Federal Laws.

Anthropology 7 - Ascent of Man (3) F S
Prerequisite: English 1
Organization: 3 hours lecture weekly

The Ascent of Man treats the history of man as a phenomenon in which science emerges as a natural activity in each age, at a level appropriate to that age. It is a course concerned with cultural evolution. It is a course concerned with discovery itself rather than that which is discovered. The course deals with the actual places where great evolutionary, cultural, and intellectual steps took place, and with the men who motivated and sometimes created those steps.

Biology 13/Env. Stu. Lab - Environmental Field Studies (1) F S
Prerequisite: Biology 12 to be taken prior to enrollment or concurrently.
Organization: 3 hours lab weekly

Field studies in the biological concepts of environmental science.

Biology 16 - Laboratory Procedures (4) F
Prerequisite: High school Biology and/or Chemistry recommended.
Organization: 2 hours lecture, 6 hours lab weekly

Develops skills in routine clinical laboratory tests normally performed in a doctor's office or private laboratory: urinalysis, hematology, microbiology, microscopy, colorimetry, collecting specimens, culturing, staining and disposal.

Chemistry 13 - Organic Chemistry Laboratory (2) F S
Prerequisite: Chemistry 11
Organization: 6 hours lab weekly

Techniques of separation, purification and identification of organic compounds. Emphasis on modern techniques and theoretical reasons behind these techniques. Selected synthesis and natural sources used to illustrate basic principle.
Chicano Studies 9 - Development of the Bilingual Child (3) S
Organization: 3 hours lecture weekly

Introduction to the theory and pedagogy of Bilingual education from a national and local perspective. This course will be particularly useful for bilingual aides.

Chicano Studies 12 - Mexican Auctotonous Dance (1) F
Organization: 3 hours lab weekly

Introduction to the ritual, Indian and folk dances of Mexico. This course meets three hours per week and will consist of lecture, demonstration and performance.

Community Health Technician 1 - Basic Physical Care Skills (12) F
Prerequisite: Eligibility for English 5; application and acceptance into C.H.T. Program; evidence of socio-economic disadvantage.
Organization: 6 hours lecture, 18 hours lab weekly

Provides basic theoretical content necessary for the development and practice of basic skills needed to meet basic health care needs, emphasizing the special problems of the poor and disadvantaged population.

Community Health Technician 2 - Basic Communication (2) S
Prerequisite: CHT I with minimum grade of C
Organization: 6 hours lecture, 18 hours lab weekly

Knowledge and skills necessary for health teaching, health prevention, health maintenance and early detection of health problems. Development of beginning communication and therapeutic skills.

Community Health Technician 3 - Community Health III (4) Summer
Prerequisite: Completion of CHT I and II, English 5 and Sociology 9
Organization: 3 hours lecture, 18 hours lab weekly

Allow students to familiarize themselves with agency objectives, policies and particular therapeutic approaches. Students actively participate in these activities, with the expectation that employment will follow.

Computer Science 7 - RPG Programming (3) F S
Prerequisite: Computer Science 1 or Computer Science 2
Organization: 3 hours lecture weekly

An introduction to the Report Program Generator language with a number of assigned problems to give students experience in a variety of applications.
Computer Science 9 - BASIC Programming (1) F S
Prerequisite: Math 1 or equivalent
Organization: 3 hours lecture weekly for 6 weeks

A short, concentrated course providing non majors the knowledge necessary for computer use.

Computer Science 15 - Micro-Programming (3) F S
Prerequisite: Computer Science 1 or Computer Science 2 or equivalent
Organization: 3 hours lecture weekly

A course designed for students to learn the detailed operation of digital computers. Both vertical and horizontal micro-programming are studied.

Earth 20 - The Air Environment (3) F S
Prerequisite: Chemistry 1 or equivalent
Organization: 3 hours lecture weekly

A study of the composition and dynamics of the atmosphere and man's effect on air quality, weather and climate.

Earth 81 - Introductory Field Geology (6) Summer
Prerequisite: Earth 3 - Physical Geology; Earth 4 - Historical Geology
Organization: 6 hours lecture weekly

A field-oriented course that emphasizes the interpretation of geologic data using field geology equipment and basic geologic knowledge. The course encompasses two aspects of field geology: Regional Geologic Framework of So. Calif. module and Local Geologic Field Problem in S.B. County.

Engineering 5/Art 14 - Design Graphics: Drawing Systems (3) F
Prerequisite: Math 1
Organization: 2 hours lecture, 4 hours workshop weekly

Graphic/visual communication; the design process; lettering, freehand sketching, multiview and inclined views, paraline systems, clinographic, perspective systems (one-, two-, and three-point linear perspective); discussion of aerial perspective, shadows, rendering. For engineering, art, graphic communication, science, and general students.
Engineering 6 - Numerical and Graphical Analysis (3) S
Prerequisite: Math 11; Math 13 should be taken concurrently, or permission of instructor
Organization: 2 hours lecture, 4 hours lab weekly.

Graphical communication; the design of tables, charts, diagrams; desk computers (HP-25, Monroe, Sharp), scientific notation, programming; graphing, graphical arithmetic, equations of engineering and analytic geometry, graphing functions (ellipses, superellipses, polynomials, partial sums of infinite series, trigonometric functions, partial sums of Fourier series) using desk computer to generate coordinates; graphical addition of vectors in two and three dimensions; graphical differentiation and integration; empirical equations (linear, hyperbolic-parabolic, exponential) and linearization of data, method of averages and least squares; errors; dimensioning and tolerancing drawings; the design process. For engineering, biological, physical, and social science students.

Finance 4 - Money and Banking (3) F S
Prerequisite: Finance 1
Organization: 3 hours lecture weekly

This course bridges the academic gap between economics and banking, by focusing on problems such as economic stabilization, types of public and private spending, the role of gold, limitations of central bank control, government fiscal policy, balance of payments, foreign exchanges, and their repercussions on the banking industry.

Finance 6 - Personal Finance (3) F S
Prerequisite: Bus. Adm. 1 or Bus. Adm 7 or Invest 1
Organization: 3 hours lecture weekly

To teach student how it is possible to live within a budget which satisfies both family living needs and long range financial goals. Each student should gain a sound knowledge of how credit may be used to reach financial goals and how to evaluate and select investments and insurance plans.

Finance 9 - Seminars in Finance (1-3) F, S
Prerequisite: Finance 1 or permission of instructor.
Organization: 3 modules per semester of three hours lecture weekly for six weeks (1 unit granted per module).

Seminars are designed to meet the needs of all students majoring in finance, insurance, investments, real estate, escrow or financial planning. Seminars will be one unit each (three per semester) and will cover pertinent and current topics in banking.
History 10 - History of Santa Barbara (3) F
Organization: 3 hours lecture weekly

A history of Santa Barbara area with special emphasis on Santa Barbara city from primitive times to the present.

History 37 - History Internship: Exploring Local History through the Media (2) Summer (3) F
Prerequisite: Consent of instructor
Organization: Summer session - 36 hours lecture
Fall session - 3 hours lecture weekly

Exploration of special topics in local history. Students will choose the topic, collect audio-visual materials and films, edit, and produce a thirty-minute video tape.

History 38 - History of the Modern Middle East (3) S
Organization: 3 hours lecture weekly

A history of the recent and contemporary Middle East that will examine the roots of the present political, cultural, and economic situation in this crucial part of the world.

Hotel & Restaurant Management 16 - Overview Course (3) Summer
Prerequisite: Sanitation and Safety; Employed as a Food Service Supervisor
Organization: 3 hours lecture and demonstration weekly.

Consideration of the scope and responsibility of food service within a health care institution; description of current legislation; individual and group needs within the health facility and relationship with the health care team.

Inter-Disciplinary Studies 1-2 - Highlights of Western Culture in Letters, Arts, and Sciences (8) F (5) S
Organization: Fall - 7 hours lecture, 3 hours lab and 1 hour seminar weekly
Spring - 5 hours lecture and 1 hour seminar weekly

A two semester, integrated, multidisciplinary analysis of the development of western culture. The first semester will examine the roots and development of western culture from medieval times to the year 1900. The second semester will explore contemporary world developments and the prospects of the near future. Completion of both semesters will satisfy Title V requirements in the broad areas of Social Science, Humanities, and Science.
Interior Design 5 - Contract Furnishings (3) S
Prerequisite: Interior Design Major
Organization: 3 hours lecture weekly

Analysis of functional needs for offices, schools, hospitals, restaurants, nursing homes, model apartments and condominiums and other commercial institutions.

Machine Shop 12 - Advanced Machine Shop (4) S
Prerequisite: Machine Shop 11 or equivalent, or permission of instructor
Organization: 2 hours lecture weekly

An advanced machine shop course in the setup and operation of the lathe, horizontal and vertical milling machine, surface grinder, introduction to the turret lathe, chucker, cylindrical grinder, tool and cutter grinder and machine maintenance.

Marketing 8 - Fashion Merchandising (3) F S
Organization: 3 hours lecture weekly

A comprehensive factual introduction to the fast growing industry of fashion and fashion merchandising of mens and womens consumer products. All phases from material selection, design manufacturing promoting and control procedure used on the job in retail merchandising of fashion goods.

Medical Assisting I - Fundamentals of Medical Assisting (5.6) F
Prerequisite: 2.0 G.P.A.; Eligibility for English 5;
Ability to type 30 WPM; Pre-entrance interview; Evidence of physical and mental health.
Organization: 3 hours lecture weekly, 8 hours lab weekly

A course designed to assist students to function as medical assistants in doctors' offices or clinics. Basic techniques will be learned and practiced on campus prior to actual performance in an office or clinic in the community. These include the taking of vital signs (T.P.R. and B.P.); medical and surgical asepsis; collecting of specimens; positioning and draping for various types of physical examinations; and care of office supplies and equipment. Ongoing integrated content in professional communication skills, medical terminology, office etiquette, and legal and ethical requirements. Office experience in the community will begin in 5th week wherein students will obtain experience in the above skills as well as skills learned in office procedure classes and laboratory procedure class.
Medical Assisting II - Medical Assisting (9) S  
Prerequisite: Satisfactory completion of semester 1 of Medical Assisting program. (C grades or better in each course)  
Organization: 4 hours lecture weekly, 15 lab hours weekly  
A course designed for advanced medical assisting. Hours in doctors' offices will increase to 15 hours per week. Advanced skills will include assisting with minor surgery; cardio-pulmonary resuscitation; performing electrocardiograms; preparing medications for administration by M.D. or R.N.; working with office receptionist in preparing insurance forms and other front-office duties; and performing simple laboratory tests (urinalysis, blood count, etc.) as needed. Basic theoretical knowledge of basic diseases and symptomatology. Continued integration of medical terminology and legal-ethical practices. College certificate awarded upon satisfactory completion of both semesters.

Metal Manufacturing I - Basic Blue Print Reading for Machine Shop and Welding Trades (2) F  
Organization: 1½ hours lecture, 1½ hours lab weekly  
Basic instruction in blue print reading and sketching. Content includes basic lines, views, dimensions, notes, specifications, structural shapes, sections, and detail and assembly drawings. Common industrial metals, steels, alloys and aluminum will be covered. Emphasis will be placed on developing the ability to read and interpret drawings familiar to machine shops and welding shops.

Metal Manufacturing II - Mechanical Systems (2) S  
Prerequisite: Enrollment in the Machine Shop/Welding Program or by permission of the instructor.  
Organization: 1 hour lecture, 3 hours lab weekly  
A basic course on transfer of power. Designed to familiarize student with transfer power methods used by industry and industrial products. Particular emphasis will be on general types of mechanical equipment.

Metal Manufacturing 61 - Machine Shop/Welding Work Experience (2-4) F S  
Prerequisite: Must attend first class session. Must be enrolled in minimum of 8 units including M.M. 61. Must be employed or available for employment in an occupation directly related to major in metal manufacturing.  
A cooperative program combining job training and classroom instruction. Enables student to acquire knowledge, skill, and attitude necessary to enter and/or progress in a chosen occupation.
Metal Manufacturing 99 - Independent Study in Machine Shop/Welding (1) F, S
Prerequisite: Enrolled in Metal Manufacturing program, or permission of instructor.
Organization: Requires one hour to be spent on independent study project weekly.

Designed to allow independent work in machine or welding shop under instructor supervision, building or repairing projects of his/her own design.

Military Science 1 - U.S. Defense Establishment (1) F
Organization: One hour lecture, one hour lab weekly.

Development and evolution of U.S. defense establishment from Revolutionary War to date. Origin, Constitutional basis and emergence of a professional military force. Organizational function of the Department of Defense. Roles and missions of various armed services with emphasis on varied missions of the U.S. Army.

Military Science 2 - Leadership I, Introduction (1) S
Organization: One hour lecture, one hour lab weekly.

An introduction to leadership. Familiarization of the student with current concepts in behavior and styles of individual leadership, the art of organizing and coordinating small teams, together with applications through case studies.

Military Science 3 - The Individual and the Group (2) F
Prerequisite: Military Science 2, or consent of instructor.
Organization: Two hours lecture, one hour lab weekly.

Study in leadership and management. An analysis of the leader's role in formal and informal groups within the organization. The motivation and social exchange with subordinates, together with practical exercises in leadership.

Military Science 4 - Applied Leadership, Tactics (2) S
Prerequisite: Military Science 2 and 3, or consent of instructor.
Organization: Two hours lecture, one hour lab weekly.

Application of the basic individual and group leadership roles. Analysis of the leaders' role in directing and coordinating the efforts of individuals and small units in the execution of offensive and defensive tactical missions, to include military geography, weapons systems, and communications systems.
Music 83 - Elementary Guitar (2) F, S
Prerequisite: A guitar in playable condition.
Organization: One hour lecture, one hour lab weekly.

Study of basic stringing, tuning, fingering, playing techniques, notation, chording, and reading of simple guitar music. Playing of simple melodies and accompaniments. Students must furnish their own instrument.

Nursery School 10 - Science for the Preschool Child (3) S
Prerequisite: Nursery School 3, 4 and 8, or consent of instructor.
Organization: Three hours lecture weekly.

To prepare teachers to provide first hand experiences for young children in life sciences. Focuses on involving children and stimulating curiosity and imagination about their environment by studying natural phenomena. Includes studies of body, weather, animals, plants, ecology, scientific method and elementary physical science. To help teachers bring their own understanding of science within the measure of the child's mind.

Physical Education 22 - Tai Chi Ch'uan (1) F, S
Organization: Two hours lab weekly.

Coeducational physical activity introducing an ancient system of Chinese exercise, the practice of which extends, perfects, and balances physical and mental well-being.

Physical Education 23 AX - Ballroom Dance (1) F, S
Organization: Two hours lab weekly.

Elementary ballroom dance to introduce the participants to a variety of dance steps.

Physical Education 25 AX - Slim 'N Swim (1) F, S
Organization: Two hours lab weekly.

Fitness and conditioning exercises performed in the water. Swimming ability unnecessary.

Physical Education 26 AX - Sailing (1) F, S
Organization: Three hours lab weekly.
Prerequisite: Students must demonstrate swimming skills and successfully pass swim test administered by the instructor.

Introductory course in sailing designed to provide a basic knowledge of small boat sailing for beginning sailors. Instruction will include rigging, launching and maintenance and maneuvering of small sailboats. (There will be a boat rental fee.)
Physical Education 27 AX - Softball (1) F, S
Organization: Three hours lab weekly.

Designed to develop individual skills, team techniques and strategies, and knowledge of rules used in game play.

Radiologic Technology 1 - Introduction to Radiologic Technology
(2) Summer
Prerequisite: Admission to Radiologic Technology program.
Organization: One hour lecture, three hours lab weekly.

Orientation to radiologic technology that will provide students with entry level skills and information. Topics covered will include: ethics, darkroom procedures, radiologic terminology, and basic radiation protection.

Radiologic Technology 2 - Fundamentals of Radiographic Positioning and Technique (5) F
Prerequisite: R.T. 1 with minimum grade of "C".
Organization: Two hours lecture, one hour lab weekly plus 16 hours clinical lab weekly.

To provide student with precise and detailed information on basic radiographic positioning. Lectures and lab will be coordinated with 16 clinical lab hours per week. Content will include upper and lower extremities as well as chest and examinations with flouroscopy.

Radiologic Technology 3 - Fundamentals of Radiographic Position and Technique II (5) S
Prerequisite: R.T. 1, 2, Zoology 3, Health Occupations 2, all with minimum grade of "C".
Organization: Two hours lecture, one hour lab, plus 16 hours clinical lab weekly.

To acquire an increasing knowledge of the basic principles and skills of radiographic positioning, namely the abdominal region, bones of the thorax, joints and spine. An introduction to positioning of the skull and facial bones will be included.

Radiologic Technology 4 - Fundamentals of Radiographic Position and Technique III (7) F
Prerequisite: R.T. 2, R.T. 3, R.T. 20, Zoool. 3 and 7, H.O. 2
Organization: 2 hours lecture, 1 hour lab plus 24 hours clinical lab weekly.

A continuation of radiographic positioning and practical application. Special positioning of the skull as well as an introduction to special radiographic procedure will be included.
Radiologic Technology 5 - Advanced Radiographic Procedures and Review (9) S
Prerequisite: R.T. 4, Zool. 3 and 7, H.O. 2, P.S. 19 with a minimum grade of "C."
Organization: 3 hours lecture, 32 hours clinical lab weekly

This course will provide the student the basic minimum requirements for an introduction to Radiation Therapy, Nuclear Medicine, Sonography, Pediatric Radiology, Intraoral Radiology and a 20 hour review in preparation for certification.

Radiographic Technology 10A - Principles of Radiographic Quality I (1) F
Prerequisite: R.T. 1 with minimum grade of "C."
Organization: 1 hour lecture weekly

Deals with the form and function radiation exposure and its effects on patients and personal combined with some relevant technical factors. Material covered will include Terminology of exposure, the X-Ray tube and Radiation protection.

Radiographic Technology 10B - Principles of Radiographic Quality II (1) S
Prerequisite: R.T. 1, H.O. 2, Zool. 3 with a minimum grade of "C."
Organization: 1 hour lecture weekly.

Continuation of R.T. 10A to give the student an understanding of the theory of X-Ray Technique, equipment and methods. Content will include the prime factors of radiography and their use and factors affecting radiographic exposure.

Radiographic Technology 10C - Principles of Radiographic Quality III (1) F
Prerequisite: R.T. 1, 2, 10A-B, 20, Zool. 3 and 7, H.O. 2 with a minimum grade of "C."
Organization: 1 hour lecture weekly.

A continuation of R.T. 10B. It is designed to give the student a complete and thorough working knowledge of the manipulation of all of the exposure factors. Topics included are: Equipment maintenance, technique and the function of distance, KVP and MAS.

Radiographic Technology 20 - Summer Practicum (5) Summer
Prerequisite: R.T. 1, 2, 10A, 10B, H.O. 2.
Organization: 40 hours weekly for 10 weeks.

This practicum course will allow the student to become more of a team member by improving their skills as a full-time student technologist.
Real Estate 9 - Broker Office Management (3) S
Prerequisite: R.E. 2, 3, 4, 5.
Organization: 3 hours lecture weekly.

A successful real estate brokerage operation involves much more than competent technical sales abilities. A real estate office achieves above average levels of profit and continuity of operations primarily because it provides necessary, unique services to the local community. The manner in which managerial ability, selling, and community service may be combined to provide successful brokerage operations is presented in detail.

Real Estate 10 - Property Management (3) F
Prerequisite: R.E. 1, 2
Organization: 3 hours lecture weekly.

This course covers the details concerning the general physical, economical, social and esthetic elements of real estate property management. Specific emphasis will be placed upon: monetary influences of real estate; influences of urban development, residential and commercial management techniques; special purpose management. In addition, records and accounting, insurance requirements, syndicate and corporate management, tax service and research as applied to the property management position.

Typing 2 - Personal Typing (2) F, S
Organization: 1 hour lecture, 2 hours lab weekly.

Beginning typing for the non-professional. Learn keyboard, touch-typing techniques, personal/business letters, manuscripts and term papers, simple tables. Not open to secretarial science students.

Waste Systems 12 - Water and Wastewater Treatment (3) F
Organization: 3 hours lecture weekly.

An introductory course on the principles of operating water or wastewater treatment plants. Provides required opportunities for the certification of treatment plant operations.

Waste Systems 23 - Advanced Wastewater Treatment and Disposal (3) S
Prerequisite: W.S. 1 or Grade I Operators Certificate.
Organization: 3 hours lecture weekly.

An advanced course in the principles and techniques of operating water or wastewater treatment plants.

Welding 4 - Advanced Arc Welding (2) S
Prerequisite: Welding 2 or equivalent or permission of instructor.
Organization: 1 hour lecture, 3 hours lab weekly.

A course in advanced arc, technical and practical experience in horizontal and overhead, pipe and structural welding. Emphasis is on preparation for productive welding and for welding certification. Manipulative skills in area of student interest.
Welding 5 - Advanced TIG and MIG Welding (2) S
Prerequisite: Welding 2 or equivalent and by permission of instructor.
Organization: 1 hour lecture, 3 hours lab weekly.

The practice and theory of welding and cutting of non-ferrous metals: brass, bronze, stainless steels, aluminum, with TIG and MIG welding processes. Includes familiarization with safety practices, equipment, tools, materials and specific welding techniques.

Zoology 4 - Bio-Med Anatomy and Physiology (3) S
Prerequisite: Open only to Medical Assisting majors.
Organization: 2 hours lecture, 3 hours lab weekly.

A course in anatomy and physiology for the medical assistant. Fundamental study of the structure and function of the systems of the human body; including the skeletal, muscular, circulatory, respiratory, digestive, excretory, integumentary, endocrine, reproductive and nervous systems, with emphasis on morphology, embryology, histology and pathology.
1) Real Estate 9 - Broker Office Management
2) Real Estate 10 - Property Management
3) Finance 6 - Personal Finance
4) Earth 81 - Introductory Field Geology
5) Earth 20 - The Air Environment
6) Finance 9 - Seminars in Finance
7) Engr. 5 - Design Graphics: Drawing Systems
8) Nursery School 10 - Science for the Preschool Child
9) Music 83 - Beginning Guitar
10) History 38 - History of the Modern Middle East
11) Engr. 6 - Numerical and Graphical Analysis
12) Community Health Technician Program (C.H.T. 1, 2, 3)
13) Anthro 7 - The Ascent of Man
14) Computer Science 7 - RPG Programming
15) History 10 - The History of Santa Barbara
16) Accounting 15 - Fundamentals of Personal Income Tax
17) W.S. 23 - Advanced Wastewater Treatment and Disposal
18) W.S. 12 - Water and Wastewater Treatment
19) Chemistry 13 - Organic Chemistry Laboratory
20) P.E. 26AX - Sailing
21) Chemistry 14 - Organic Chemistry Laboratory II
22) Chicano Studies 9 - Development of the Bilingual Child
23) Computer Science 9 - BASIC Programming
24) P.E. 25AX - Slim 'N Swim
25) Inter-Disciplinary Studies 1-2 - Highlight of Western Culture
26) Computer Science 15 - Micro-Programming
27) P.E. 22 - Tai Chi Ch'uan
28) P.E. 27AX - Softball
# NEW AND REVISED PROGRAMS

**1976-1977**

**BANKING AND FINANCE**

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Controlled Electives: Accounting 2; Bus. Admin 5; Supervision 1; Real Estate 1, 3, 4, 5; Management 1, 3, 5, 7, 9; Business Law 2; Comp. Sci. 1/2; Acct. 15.

**BILINGUAL/CROSS CULTURAL ASSISTANT**

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Spanish Language Proficiency Requirement may be met in one of three ways: 1) Span. 1-4; Chic. St. 17, 2) Credit by examination, 3) Passing a competency exam in Chicano Spanish.

Recommended Electives: (Number of Elective units to be taken by individual student will vary, depending on Spanish Language requirement)

Chicano Studies 1A; Black Studies 1; Black Studies 3; Ethnic Studies 7; Native American Studies 1; Library 5; Typing 1; Spanish 25, 26; Spanish 2A, 3A, 4A; Spanish 28; Health Education 2; Nursery School 2; Anthropology 3; History 5; Physical Education 115-118.
COMMUNITY HEALTH TECHNICIAN

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<tr>
<td></td>
<td>Soc. 9</td>
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COMPUTER SCIENCE

<table>
<thead>
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<th></th>
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<tbody>
<tr>
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<tr>
<td>Comp. Sci 1/2</td>
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<td>Elective</td>
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<td>1</td>
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<tr>
<td><strong>13-14</strong></td>
<td><strong>17</strong></td>
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</table>

*Computer Science Electives (At least 15 units in any of the following): Comp. Sci. 3 (3), Comp. Sci. 4 (4), Comp. Sci 6 (4), Comp. Sci 7 (3), Comp. Sci. 8 (4), Comp. Sci. 9 (1), Comp. Sci. 15 (3).

MEDICAL ASSISTING PROGRAM

<table>
<thead>
<tr>
<th>Semester 1</th>
<th>Semester 2</th>
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<tbody>
<tr>
<td>Units</td>
<td>Units</td>
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<tr>
<td>Comm: 1/Eng. 1</td>
<td>Office Procedures 6</td>
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<tr>
<td>Office Procedures 5</td>
<td>Medical Assisting 2</td>
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<tr>
<td>Biol. 15</td>
<td>Zoology 4</td>
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<tr>
<td>Med. Assisting 1</td>
<td>3</td>
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<tr>
<td>5.6</td>
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NEW AND REVISED PROGRAMS, 1976-1977  
(cont.)

METAL MANUFACTURING TECHNOLOGY

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<th>1st Semester</th>
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<tbody>
<tr>
<td>Machine Shop II</td>
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<td>Welding 1</td>
<td>2</td>
<td>Welding 4</td>
<td>2</td>
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<td>Welding 5</td>
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<td>M.M. 1</td>
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<td>M.M. 2</td>
<td>2</td>
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<td>M.M 99</td>
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<td>M.M. 61</td>
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RADIOLOGIC TECHNOLOGY

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<th>Units</th>
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<td>R.T. 1</td>
<td>2</td>
<td>R.T. 20</td>
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<td>5</td>
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First Year

<table>
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<tr>
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<tr>
<td>Zool. 3</td>
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<tr>
<td>Zool. 7</td>
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<td>H.O. 2</td>
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<td>R.T. 2-3</td>
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<td>English</td>
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Second Year

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<td>R.T. 10C</td>
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<td></td>
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<tr>
<td>R.T. 4-5</td>
<td>7</td>
<td>9</td>
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<td>Psychology</td>
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<tr>
<td>Physics 19</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>Phys. Ed.</td>
<td>13</td>
<td>12</td>
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</table>

18
To: Curriculum Advisory Committee

From:

I. COURSE DESCRIPTION

A. Course No. __________ Title __________

Units_____ Offered: Day_____ Evening_____ Fall_____ Spring_____ Summer_____

First semester to be offered__________________________________________

Prerequisite: ________________________________________________________

______________________________________________________________

Course Description (for Catalog):

______________________________________________________________

______________________________________________________________

Hours per week: Lecture_____ Lab_____ Other (describe)_________________

Class size limit: ____________________________

Under what subject heading Department is this course to be listed in the catalog:

B. Goals and Objectives

1. General goals:

______________________________________________________________

______________________________________________________________

2. Specific skills, abilities or objectives achieved (e.g., scores on standardized tests, performance tests in business, etc.):

______________________________________________________________

______________________________________________________________

C. Is this a lower division course? If so, please attach Catalog descriptions of similar lower division courses in the state colleges or university to which this course might be considered equivalent for transfer. Descriptions of equivalent courses from five other colleges will be considered adequate support.
II. CRITERIA FOR PRIORITIZATION

<table>
<thead>
<tr>
<th>CRITERION</th>
<th>POSSIBLE RATING</th>
<th>POINTS ALLOCATED</th>
</tr>
</thead>
<tbody>
<tr>
<td>A. Needs</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1. Estimated number of students course(s) will serve each semester.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>one category only</td>
<td></td>
<td></td>
</tr>
<tr>
<td>a. Less than 16</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>b. 16 - 25</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>c. 26 - 35</td>
<td>10</td>
<td></td>
</tr>
<tr>
<td>d. 36 and up</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>2. Course(s) is/are specific course(s) required for accreditation as part of an already existing program.</td>
<td>Required 50</td>
<td>Recommended 15</td>
</tr>
<tr>
<td>3. Course is a required lower division course in a generally accepted transfer program.</td>
<td>Required 50 OR Recommended 25</td>
<td></td>
</tr>
<tr>
<td>a. Course has been recommended by an advisory committee as part of an already established occupational program.</td>
<td>Neither 0</td>
<td></td>
</tr>
<tr>
<td>4. Requests for course(s) have been made by students.</td>
<td>10</td>
<td></td>
</tr>
<tr>
<td>(Minimum of 5 written requests necessary.)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5. Requests for course(s) have been made by persons outside the department such as faculty, counselors, librarians, advisory committees, or local high school personnel. (Minimum of 5 written requests necessary.)</td>
<td>10</td>
<td></td>
</tr>
<tr>
<td>6. Requested course(s) is/are reflected in the cost center budget requests.</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>7. Course(s) would be available only at SBCC within this district.</td>
<td>10</td>
<td></td>
</tr>
</tbody>
</table>

CATEGORY A - TOTAL POINTS: 130

(MAXIMUM OF 100 POINTS ALLOWED IN THIS CATEGORY)
II. CRITERIA FOR PRIORITIZATION (CONTINUED)

NOTE: This is to replace Item A3 on page 2

3. a. Course is required as a specifically required lower division course in a major or minor field of study for a generally accepted transfer program OR a required course as a part of an already established occupational program.  

    OR

b. Course has been suggested as a recommended lower division course in a generally accepted transfer program or suggested as a recommended course as a part of an already established occupational program.  

    OR

c. Course has been recommended as a general education course fulfillment for a generally accepted transfer program or an already established program.  

    . . . . . 10
### B.

<table>
<thead>
<tr>
<th>Item</th>
<th>Cost Range</th>
<th>Average Cost</th>
<th>Your Cost</th>
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</thead>
<tbody>
<tr>
<td>1. Teacher Cost</td>
<td>$700 - $6,000</td>
<td>$1,100</td>
<td></td>
</tr>
<tr>
<td>2. A. V. Supplies</td>
<td>0 - 5,000</td>
<td>300</td>
<td></td>
</tr>
<tr>
<td>3. A. V. Hardware</td>
<td>0 - 5,000</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>4. Facilities</td>
<td>0 - 3,000</td>
<td>150</td>
<td></td>
</tr>
<tr>
<td>5. Consultants</td>
<td>0 - 500</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>6. Equipment and Supplies</td>
<td>0 - 2,000</td>
<td>100</td>
<td></td>
</tr>
<tr>
<td>7. Library</td>
<td>0 - 200</td>
<td>100</td>
<td></td>
</tr>
<tr>
<td>8. Travel and Conference</td>
<td>0 - 75</td>
<td>75</td>
<td></td>
</tr>
<tr>
<td>9. Field Trips (District Cost)</td>
<td>0 - 1,000</td>
<td>100</td>
<td></td>
</tr>
<tr>
<td>10. Other Personnel</td>
<td>0 - 1,500</td>
<td>160</td>
<td></td>
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<tr>
<td>11. Other Costs</td>
<td>0 - 500</td>
<td>100</td>
<td></td>
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</tbody>
</table>

Sub-Total

12. Income (Subtract)

TOTAL

### COST SCALE

If estimated cost/weekly student contact hour is then the course is assigned

| $   | 0 - 5 | 6 - 10 | 11 - 15 | 16 - 20 | 21 - 25 | 26 - 30 | 31 - 35 | 36 - 40 | 41 - 45 | 46 - 50 | 51 - 55 | 56 - 60 | 61 - 65 | 66 - 70 | 71 - 75 | 76 - 80 | 81 - 85 | 86 - 90 | 91 - 95 | 96 - 100 |
|-----|------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
|     | 1    | 11    | 27     | 36     | 42     | 48     | 52     | 56     | 59     | 62     | 64     | 66     | 68     | 70     | 72     | 74     | 76     | 77     | 78     | 79     |

(Continued)
B. (Continued)

<table>
<thead>
<tr>
<th>Estimated Cost/Weekly Student Contact Hour Is</th>
<th>Then the Course Is Assigned</th>
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</thead>
<tbody>
<tr>
<td>101 - 105</td>
<td>80</td>
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<tr>
<td>106 - 110</td>
<td>81</td>
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<tr>
<td>111 - 115</td>
<td>82</td>
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<td>116 - 120</td>
<td>83</td>
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<td>121 - 125</td>
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<td>126 - 130</td>
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<td>131 - 135</td>
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<td>156 - 160</td>
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<td>161 - 170</td>
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<td>171 - 180</td>
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<td>181 - 190</td>
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<td>231 - 240</td>
<td>99</td>
</tr>
<tr>
<td>241 and up</td>
<td>100</td>
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</tbody>
</table>

C. To be completed by Curriculum Committee. Points allocated will be average of individual members' assignments.

Opinion

1. Describe how the course specifically meets District’s goals and objectives. (Use no more than a maximum of six District objectives. Attach statement.) 0 - 5

2. Requested course(s) is/are reflected in goals and objectives of department. (List specific goals and objectives that are met by course(s). Attach statement.) 0 - 15

3. a. Course is not overlapping nor repetitious of any course presently offered or

   b. Course is overlapping or similar to some courses presently being taught or

   c. Course is repetitious of some other course presently being offered.

4. Course(s) is/are appropriate for community college. 0 - 15

5. Subjective opinion of committee members after reviewing all data. 0 - 50

Category C Total Possible Points: 100
III. INFORMATION: Items for Consideration

1. Estimated percent of students that will be new students to the College.
   Less than 50% __________
   More than 50% __________

2. Growth of department in WSCH
   25% or more increase in WSCH since '74-'75 __________
   15-24% increase in WSCH since '74-'75 __________

3. Course(s) has/have value as an interdisciplinary course.
   Yes ______ No ______

4. Course(s) is/are result of rapidly changing trends or knowledge.
   Yes ______ No ______

5. Course(s) participate(s) in important trend(s) for the improvement of society.
   Yes ______ No ______

6. Is this a substitute for another course?
   a. Will cost of new course be less than existing course?
      Yes ______ No ______

   b. Will the replacement of an existing course result in a new hourly instructor teaching the replaced course?
      Yes ______ No ______

   c. Will class size be same as, smaller than, or larger than replaced course?
      Same as ______ Smaller than ______ Larger than ______

7. Does present staff have academic or vocational preparation to teach this course?
   Yes ______ No ______

8. Will any other course be affected if this course is offered?
   How?
   Yes ______ No ______

9. Is course baccalaureate acceptable?
   Yes ______ No ______

10. Does course meet state or local graduation requirements? State ______
    Local ______
D. (Continued)

11. Course should be placed into which one of the four general categories?

   ___ Humanities
   ___ Natural Science
   ___ Social Science
   ___ Learning Skills
   ___ N/A

12. Will course apply as a graduation requirement for A.A.____ or A.S.____ degree?

13. Will course be elective _____, or be mandatory _____ towards a degree?

14. Does course meet criteria set forth by State plan for vocational education? Yes _____ No _____

BMD:kt