

Moorpark College

**Supplement to
General Catalog
and
Announcement of Courses
1985-86**



MOORPARK COLLEGE
member college of the
VENTURA COUNTY
COMMUNITY COLLEGE DISTRICT

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1985-86

COLLEGE CALENDAR

FALL SEMESTER, 1985

See Class Schedule	FALL SEMESTER REGISTRATION
September 3	First day of instruction
	First day of late registration
September 16	Last day of late registration
	Last day to add classes
September 27	Last date to drop classes without a permanent record entry
October 9	Last date to declare CR/NC grading option
November 11	Veterans Day - legal holiday
November 28 & 29	Thanksgiving vacation
December 6	Last date to drop classes with a "W" grade
December 13	Last date to apply for Fall 1985 graduation and Certificates of Achievement
December 23 - Jan. 3	Christmas vacation
January 6	Classes resume
See Class Schedule	SPRING SEMESTER REGISTRATION
January 15-23	Final examinations, Fall semester
January 20	Martin Luther King's Birthday - legal holiday
January 23	End of Fall semester

SPRING SEMESTER, 1986

January 27	First day of instruction
	First day of late registration
February 7	Last day of late registration
	Last day to add classes
February 14	Lincoln's Birthday - legal holiday
February 17	Washington's Birthday - legal holiday

SPRING SEMESTER, 1986 continued

February 21	Last date to drop classes without a permanent record entry
February 24	Last date to declare CR/NC grading option
March 24-28	Spring vacation
March 31	Last date to apply for Spring and Summer 1986 Graduation and Certificates of Achievement
May 9	Last date to drop classes with a "W" grade
May 26	Memorial Day - legal holiday
See Class Schedule	SUMMER SESSION REGISTRATION
May 30-June 6	Final examinations, Spring semester
June 6	End of Spring semester
	GRADUATION

SUMMER SESSIONS, 1986*

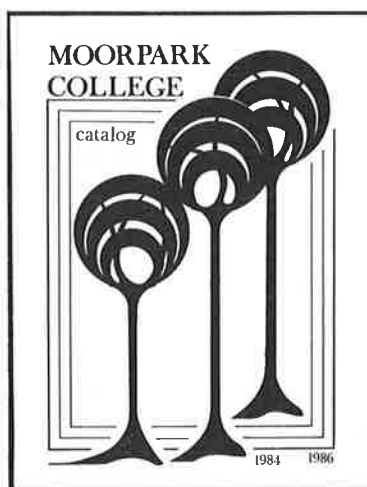
<i>First Session</i>	
June 16	First day of instruction
	First day of late registration
June 19	Last day of late registration
	Last day to add classes
<i>Second Session</i>	
June 23	First day of instruction
	First day of late registration
June 26	Last day of late registration
	Last day to add classes
July 4	Fourth of July - legal holiday

**See Class Schedule for beginning and ending dates of specific classes*

THIS CATALOG SUPPLEMENT . . .

The current Moorpark College Catalog was designed as a two-year document covering 1984 through 1986. This supplement to the current catalog is a compilation of the most important changes that have occurred over the past year. All catalog users need to be aware of these changes. The information included in this supplement covers new courses, revised courses, deleted courses, curriculum pattern changes, revised transfer information, and major policy changes. This document is only useful when used in conjunction with the full college catalog. Each student is responsible for knowing the information contained in the catalog including all policies of the college.

If you already have a copy of the current catalog, you need only attach this document to it to have an up-to-date reference guide to Moorpark College. If you do not as yet have a catalog, one may be purchased in the Moorpark College Bookstore for \$2.00, plus tax. Any specific questions regarding content of material in the college catalog or this supplement should be directed to a counselor.



STUDENTS' RESPONSIBILITY

Although members of the college staff make every effort to inform and to assist students, it remains the responsibility of the individual students to inform themselves of the college's requirements, rules and regulations, as well as the requirements of the four-year institutions to which the students intend to transfer.

TRANSFER REQUIREMENTS IN GENERAL EDUCATION

The General Education requirements at four-year institutions are subject to frequent changes. The following information shows current requirements for some of the universities and colleges to which Moorpark College students may ultimately transfer. Students should be careful to check the requirements as shown in the catalogs of these institutions and to consult with a counselor to insure that they have the most up-to-date information.**

UNIVERSITY OF CALIFORNIA, SANTA BARBARA College of Letters and Science

**It is anticipated that by the start of the 1985 fall semester UCSB will provide a list of Moorpark College courses that may be used to satisfy each of the General Education areas.

English, Reading and Composition: English 1A, 1B

Foreign Language (effective for entering students, Fall, 1986):

- a) Completion of language 1, 2, 3, in one language, or
- b) Completion of the third year of one language in high school with an average grade of at least B-, or
- c) Passing of a placement examination.

Science and Technology: 3 courses from different scientific disciplines:

- a) The Biological Science — one course
- b) The Physical Sciences — one course
- c) A third scientific discipline

Social Sciences: 1 course must be taken from 3 of the following categories:

- a) The Individual in Society
- b) The Shaping of Human Cultures
- c) Economic Systems
- d) Political Systems

Civilization and Thought:

- a) Western Civilization — 2 adjacent quarter courses from a 2 or 3 quarter sequence covering the period from Greek antiquity to the present
- b) One further course meeting at least one of the following criteria:
 1. A broad chronological or multidisciplinary approach
 2. An analysis of diverse cultures
 3. Focus on a basic philosophical or religious conception of the human condition, or on the process of critical thinking.

The Arts and Literature:

- a) The Arts — 2 courses each from a different department
- b) Literature — 2 courses
 1. One course in English or American Literature
 2. One course in the literature of another language (in the original, or in translation).

UNIVERSITY OF CALIFORNIA, LOS ANGELES College of Letters and Science

Students who completed less than twelve semester (16 quarter) units before the Fall 1983 term must meet the requirements which follow. Those who completed twelve or more units before Fall 1983 may meet either these requirements or those in the 1982-83 general catalog. Effective Fall, 1986 all entering students must fulfill the general education requirements.

BASIC PROFICIENCY LEVELS

ENGLISH COMPOSITION — English 1A or 1B with a grade of at least C

QUANTITATIVE REASONING — One course from: Mathematics 14, 15, 16AB, 25ABC, 30, 31, 33, 35; Philosophy 9.

FOREIGN LANGUAGE — For all students entering Fall 1986: through course 2

GENERAL EDUCATION REQUIREMENTS

PHYSICAL SCIENCES — *Three courses or eight semester units* (for Physical Science majors, only one course is required).

Astronomy 1; Chemistry 1A, 1B, 12, 13; Geography 1, 5; Geology 1, 2, 3, 5; Mathematics 16AB, 25A, 25B, 25C; Physical Science 1; Physics 2A, 2B, 4, 5, 6, 10, 12.

LIFE SCIENCES — *Three courses or eight semester units* (for Life Science majors, only one course is required).

Anatomy 1; Anthropology 1; Biology 1, 2A, 2B, 17; Botany 1; Geography 7; Microbiology 1; Physiology 1; Psychology 1B.

SOCIAL SCIENCES — *Four Courses:* Two from Historical Analysis and two from Social Analysis.

Historical Analysis — (Historical Analysis majors are not required to satisfy this area).

History 1A, 1B, 5, 7A, 7B, 9, 10A, 10B, 15A, 15B.

Social Analysis — (Social Analysis majors are not required to satisfy this area).

Anthropology 2, 3; Economics 1, 2; Geography 2; Political Science 2, 3, 4; Psychology 1A, Sociology 1.

HUMANITIES — *Four courses:* One from Literature. No more than two from any other subgroup. (Humanities majors are required to take only one course, in addition to a literature course, for a total of 2 courses.

Literature — English 13A, 13B, 15A, 15B, 17, 30, 31.

Philosophy — Philosophy 1, 4, 10

Language & Linguistics — One semester of foreign language course 3 or above.

Culture & Civilization — Spanish 6

Arts — Art 1A, 1B; Humanities 3; Music 9A, 9B.

32 SEMESTER UNITS MUST BE COMPLETED. *Courses from the major department are not applicable.* Required major preparatory courses from departments other than the major may

Transfer Requirements in General Education

be applied. Students need not take *two* from the group or subgroups which includes their major.

UNIVERSITY OF CALIFORNIA, LOS ANGELES College of Fine Arts

(For majors in: Art, Dance, Music, Theatre Arts, Ethnic Arts)

ENGLISH COMPOSITION AND RHETORIC (3 units)

English 1A

CRITICAL READING AND WRITING (3 units)

English 1B

FOREIGN LANGUAGE (Minimum 8 Units)

Two semesters of one college language other than high school or college level 2 of the same language taken in high school. No credit will be given for duplication of native tongue. Proficiency exams **MAY NOT** be used to complete this requirement.

French 1, 2; German 1, 2; Italian 1, 2; Spanish 1, 2.

SCIENCE/MATHEMATICS (Minimum 6 units; no lab required)

Physical or Biological Sciences:

Anatomy 1; Astronomy 1; Biology 1, 2A, 2B, 16, 17; Botany 1; Chemistry 1A, 1B, 5, 7A, 7B, 8, 9, 12*, 13; Environmental Science 1; Geography 5; Geology 1, 2, 3, 4, 5, 21; Microbiology 1; Physical Science 1; Physics 2A, 2B, 4, 5, 6; Physiology 1.

Natural Science or Mathematics:

Anthropology 1; Geography 1, 7; Geology 41; Mathematics 5, 7, 10, 12, 13, 14, 16A, 16B, 20, 25A, 25B, 25C, 30, 31, 35; Physics 10, 12, Psychology 1B

*Students who have had one year of high school chemistry with a grade of "C" or better may not receive college credit for Chemistry 12.

SOCIAL SCIENCE (9 units — 3 units in each category)

History #1

Hist 1A, 10A

History #2

Chicano Studies 4; History 1B, 3, 4, 5, 6, 7A, 7B, 8, 9, 10B, 11, 12, 15A, 15B

Social Science Elective*

Anthropology 2, 3, 6, 7, 8, 9; Chicano Studies 8; Economics 1, 2, 4; Geography 2, 3, 4, 9, 10; History 3, 4, 5, 6, 7A, 7B; Political Science 1, 2, 3, 4, 7, 8, 9, 10, 11; Psychology 1A, 3, 6, 7, 8; Sociology 1, 2, 3.

*Students may fully satisfy Social Science elective and American History and Institutions requirements by completing any underlined course.

HUMANITIES (9 units — 3 units in each category)

The Arts

Art 1A, 1B, 2, 3, 20; Music 5, 8, 9A, 9B; Theatre 4A, 4B

Literature

Chicano Studies 15; English 6, 13A, 13B, 15A, 15B, 17*, 18, 19, 21, 29A, 29B, 30, 31, 33, 39, 45, 46.

*Not for Theatre majors

Philosophy

Philosophy 1, 2, 3, 7, 9, 11.

CALIFORNIA LUTHERAN COLLEGE

GENERAL TRANSFER INFORMATION

1. A 2.0 (C) grade on all work attempted is required for transfer. For purposes of calculation, all grades are counted, including repeated courses. A repeated course does not "erase" an earlier grade.
2. Maximum of 70 units are transferable from a community college.
3. "D" grades are granted transfer credit except in major or required preparation for major.
4. Both BA and BS degrees are offered. The essential difference in the two degrees which applies to community college transfers is item 3 below.
5. Most majors require at least 32 credits with 20-24 credits at the upper division level. Consult the CLC catalog for specific departmental requirements.
6. Prospective transfer students are encouraged to schedule an appointment with the Director of Transfer Services for counseling and preliminary transcript evaluation. Students should call the Admissions Office at 492-2411.
7. No General Ed. may be taken Credit/No Credit.
8. Courses required for the major or prep for the major (in Bus and Phys) may not be counted to fulfill General Education requirements.

GENERAL EDUCATION REQUIREMENTS

1. **CREATIVE ARTS** — 3 credits required. Art, Music, Theatre Arts, Speech (required but may be waived, by proficiency examination).

Recommended Moorpark College courses:

Art 1A, 1B, 2, 4A, 4B, 4C, 12A, 12B.

Music: Any Music course

Speech 1, 2.

Theatre Arts: Any Theatre Arts course

2. **ENGLISH** — 6 credits required. 3 units of English Composition and 3 units of Literature.

Recommended Moorpark College courses:

English 1A, 1B, 13A, 13B, 15A, 15B, 17, 18, 19, 21, 30, 31, 33, 39.

NOTE: English majors may take English 30 or 31 but should not take English 17.

3. **FOREIGN LANGUAGE** — 8 credits required.

Bachelor of Arts required: two sequential courses in one language.

Recommended Moorpark College courses:

French 1, 2, 3, 4

German 1, 2, 3, 4

Spanish 1, 2, 3, 4

BACHELOR OF SCIENCE OPTION. BS majors may substitute 8 credits in Mathematics, Statistics, Logic, Computer Science: Scientific methods.

Recommended Moorpark College courses:

- Computer Information Systems 1, 4A, 4B
- Computer Science 10, 20, 30
- Mathematics 3, 5, 6, 7, 10, 12, 13, 14, 15, 16A, 16B, 25A, 25B, 25C, 30, 31, 33, 35.

4. **NATURAL SCIENCE** — 7 credits required, including 4 laboratory science course credits and 3 credits in mathematics or science without laboratory.

Recommended Moorpark College courses:

a. Laboratory Science

- Anatomy 1
- Biology 1, 2A, 2B
- Botany 1, 3
- Chemistry 1A, 1B
- Environmental Science 1, 2
- Geology 1, 2 + Lab, 5
- Physical Science 1, 2
- Physics — any course
- Physiology 1

b. Mathematics or science without laboratory

- Astronomy 1
- Biology 5, 16, 17
- Geology 2, 3, 5, 41
- Mathematics 3, 5, 6, 7, 10, 12, 13, 14, 15, 16A, 16B, 25A/B/C, 30, 31, 33, 35

5. **PHYSICAL EDUCATION** — 3 units of activity courses required.

6. **RELIGION AND PHILOSOPHY** — 6-9 credits required.

Sophomore transfers — 6 credits in Religion at CLC plus 3 credits in Philosophy or upper division Religion.

Junior transfers — 3 credits of Religion at CLC; 3 additional credits of Religion or Philosophy.

Recommended Moorpark College courses:

- Philosophy 1, 3, 7, 9, 11

7. **SOCIAL SCIENCE** — 7 credits required from the following areas.

Recommended Moorpark College courses:

- Administration of Justice 1, 2, 3, 4, 5
- Anthropology 1, 2, 3, 4, 5, 6, 7, 8, 9
- Business 1A, 1B, 30, 31, 32, 33A, 33B
- Economics 1, 2, 4
- Geography 2, 3, 4
- Political Science 1, 2, 3, 4, 11
- Psychology 1A, 1B, 3, 4, 5, 6, 7, 8
- Sociology 1, 2, 3, 4, 5, 6, 7, 8

8. **HISTORY** — 4 credits required

Recommended Moorpark College Courses:

- Any History course except Hist 22A/B

9. **AMERICAN INSTITUTIONS** — 3 credits required or completion of A.A.

Recommended Moorpark College courses:

- Any course meeting this requirement at Moorpark College.

**UNIVERSITY OF
SOUTHERN CALIFORNIA
College of Letters, Arts, and Sciences**

(See Counselor to determine the number of courses from each area for degrees in the Schools of Fine Arts, Music, and Business)

SKILLS LEVELS

- I. **Freshman Composition:** English 1AB and pass USC's Skill Level Examination.
- II. **Foreign Language:** Pass USC's Skill Level Examination. (A passing score on the Foreign Language Skill Level Examination is usually achieved after three semesters of one language or the equivalent. Some majors do not require foreign language. For more information, consult USC's current bulletins.)
- III. **Math Skill Level:** Pass USC's Math Skill Level Examination. The best preparation for a passing score is course work in algebra, geometry and advanced algebra (Math 3). Intensive review prior to the test is highly recommended.

AREAS OF EXPOSURE	Any major in the Division of Humanities	BACHELOR OF ARTS DEGREE Division of Social Sciences; Division of Natural Science	BACHELOR OF SCIENCE DEGREE
The Natural World: List A: Anatomy 1; Anth 1; Astronomy 1; Biol 1, 2A, 2B, 3, 4, 5, 16, 17; Botany 1; Environmental Science 1, 2; Geography 1, 5; Geology 1, 2, 3, 4, 5, 21, 41, 61; Microbiology 1; Physical Science 1; Physics 10, 12; Physiology 1, 2. List B: Astronomy 1; Biology 2B, Chemistry 1A, 1B, 7A, 7B, 8, 12, 13; Physics 2A, 2B, 5, 6, 10, 12.	3 courses, one from List A, one from List B, one additional course from either A or B	3 courses, one from List A, one from List B, one additional course from either A or B	0 courses

Transfer Requirements in General Education

AREAS OF EXPOSURE	Any major in the Division of Humanities	BACHELOR OF ARTS DEGREE Division of Social Sciences; Division of Natural Science	BACHELOR OF SCIENCE DEGREE	AREAS OF EXPOSURE	Any major in the Division of Humanities	BACHELOR OF ARTS DEGREE Division of Social Sciences; Division of Natural Science	BACHELOR OF SCIENCE DEGREE
Representative Cultures: a. American Public Life: Chicano Studies 8; History 3, 5, 7B, 12; Political Science 1, 3, 7, 8, 9, 11; Sociology 2, 6, 8; Urban Studies 1A, 1B. b. Foundations of Western Culture I: Art 1A; English 29A, 30, 39; History 1A, 11; Philosophy 11; Theatre Arts 4A. c. Foundations of Western Culture II: Art 1B, 2, 3, 20; English 31, 33, 39; History 1B; Humanities 1, 3; Philosophy 1, 3; Theatre Arts 4B. d. Non-Western Culture: Anthropology 2, 6, 7, 8; History 6, 10A, 10B, 15A, 15B; Humanities 13, Philosophy 11.	a. One course b. One course c. One course d. One course	a. One course b. One course c. One course d. One course	One course Three courses each from a different category	Representative Approaches to the Study of the Individual, Culture and Society a. Empirical Approaches: Anthropology 2, 3, 5, 7, 8, 9, Child Development 30; Economics 1, 2, 4, Geography 2, 3, 4, 7, 10; Political Science 1, 2, 4, 7, 8, 9, 11; Psychology 1A, 1B, 3, 4, 5, 6, 7, 8; Sociology 1, 2, 3, 4, 5, 6, 8; Urban Studies 1A. b. Aesthetic Approaches: Literature: English 13A, 13B, 14, 15A, 15B, 17, 18, 19, 20, 21, 29A, 29B, 30, 31, 33, 39, 45, 46. c. Aesthetic Approaches: The Arts Arts 1A, 1B, 2, 3, 20; English 20, 39; Humanities 2, 3; Music 8, 9A, 9B; Theatre Arts 1, 4A, 4B. d. Ethical Approaches: Philosophy 2, 3; Political Science 9.	a. Two courses b. One course c. One course d. One course	a. One course b. One course c. One course d. One course	Two courses, each course from a different category
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NEW PATTERN

Music

Certificate of Achievement

This program is designed to provide the student with the basic training, knowledge and conducting skills necessary for accepting a position as a church or community choral director.

Required Courses for all options:		Units
Mus 2A	Music Theory	4
Mus 2B	Music Theory	4
Mus 3A	Music Reading and Musicianship I	2
Mus 9A	Music History and Literature	3

Select one of the following options:

Choral Conducting

Required Courses:		Units
Mus 10	Concert Choir	2-2
Mus 13A/B	Fundamentals of Vocal Technique I-II	2-2
Mus 25A/B	Class Piano	3
Mus 27	Choral Conducting	2
Mus 60D	Masterworks Chorale	2
Mus 60E	Choral Conducting Seminar	2

Total minimum units required — 30

Instrumental Conducting

Required Courses:		Units
Mus 3B	Music Reading and Musicianship II	2
Mus 9B	Music History and Literature	3
Mus 19	Instrumental Music Workshop	1-1
Mus 22A/B	Independent Studies in Music	1-1
Mus 25A/B	Class Piano	3
Mus 28	Instrumental Conducting	2-2

Total minimum units required — 29

Vocal Performance

Required Courses:		Units
Mus 3B	Music Reading and Musicianship II	2
Mus 10	Concert Choir	2-2
Mus 13A/B	Fundamentals of Vocal Technique I-II	2-2
Mus 13C/D	Advanced Vocal Development I-II	2-2
Mus 16	Voice in Opera Workshop	2-2
Mus 25A/B	Class Piano	3

Total minimum units required — 30

CHORAL CONDUCTING OPTION

Suggested Course Sequence:

First Semester		Second Semester	
Mus 2A	4	Mus 2B	4
Mus 9A	3	Mus 3A	2
Mus 10	2	Mus 10	2
Mus 13A	2	Mus 13B	2
Mus 25A	1.5	Mus 25B	1.5
Mus 27	2	Mus 60D	2
	14.5	Mus 60E	2
			15.5

INSTRUMENTAL CONDUCTING OPTION

Suggested Course Sequence:

First Semester		Second Semester	
Mus 2A	4	Mus 2B	4
Mus 3A	2	Mus 3B	2
Mus 9A	3	Mus 9B	3
Mus 19	1	Mus 19	1
Mus 22A	1	Mus 22B	1
Mus 25A	1.5	Mus 25B	1.5
Mus 28	2	Mus 28	2
	14.5		14.5

VOCAL PERFORMANCE OPTION

Suggested Course Sequence:

First Semester		Second Semester	
Mus 2A	4	Mus 2B	4
Mus 3A	2	Mus 3B	2
Mus 9A	3	Mus 10	2
Mus 10	2	Mus 13B, 13C, or 13D	2
Mus 13A, 13B, or 13C	2	Mus 16	2
Mus 16	2	Mus 25B	1.5
Mus 25A	1.5		13.5
	16.5		

CHANGED PATTERNS

Agronomy/Soil Science

Occupational

Associate in Science Degree

This curriculum provides training in several areas of Agriculture such as soils, fertilizers, entomology, irrigation, seed and crop production and management. Current employment opportunities exist in such fields as teaching, research, extension, quality control, inspection, sales and services and production agriculture.

Required Courses:		Units
Ag 1	Intro to Horticulture	3
Ag 23A	Special Projects in Agriculture	3
Ag 23B	Special Projects in Agriculture	3
Ag 50	Food Crop Production	3
Ag 52	Soils	3
Ag 53	Economic Entomology	3
Ag 66	Record Keeping	3
Ag 71	Natural Resources	3

Total minimum units required in major area — 24

Recommended Course: Ag 65

Suggested Course Sequence:

First Semester		Second Semester	
Ag 23A	3	Ag 52	3
Ag 50	3	Ag 66	3
	6		6
Third Semester		Fourth Semester	
Ag 1	3	Ag 53	3
Ag 23B	3	Ag 71	3
	6		6

See Degree Requirements and Transfer Information section for General Education requirements.

Animal Science

Occupational

Associate in Science Degree

This program provides training in the selection, care, development and marketing of commercial animals for sale. Current employment opportunities exist in such fields as livestock grower, horse trainer and meat wholesaler.

Required Courses:		Units
Ag 23A	Special Projects in Agriculture	3
Ag 30A	Introductory Animal Husbandry	3
Ag 30B	Advanced Animal Husbandry	3
Ag 31	Feeds and Feeding	3
Ag 34	Ranch Construction and Maintenance	2
Ag 39	Animal Health and Sanitation	3
Ag 40	Horse Husbandry I	3
Ag 52	Soils	3
Ag 66	Record Keeping	3

Total minimum units required in major area — 26

Recommended Courses: Ag 23B, 50

See Degree Requirements and Transfer Information section for General Education requirements.

Electronics Service

Certificate of Achievement

There is currently under consideration a proposed change in EL 1 from 3 to 4 units. If approved, this change will increase by one (1) the required number of units for the Electronics Service Certificate.

Office Technology

Note:

The options from which a student may select for all the Office Technology degrees and certificates have been changed to OT 40, OT 41, OT 50A, OT 50B, OT 50C, OT 50D, OT 50E, OT 50F.

DELETED PATTERNS

Deleted Associate in Science Degrees:

- Court Reporting
- Landscape Management
- Nursery Management

Deleted Certificate of Achievements:

- Landscape Management
- Nursery Management

NEW COURSES

AJ 49A-D — Cooperative Work Experience — Administration of Justice ★

1-4 Units

Prerequisite: Placement at a work station
Class Hours: 5-20 employment, 1 by arrangement

Students employed in a field related to Administration of Justice will design a learning contract in conjunction with their employer that will involve expanded responsibilities and/or the opportunity to learn new job experiences beyond those required in the existing job duties. Direct coordination with the employer in question will be a part of this learning experience.

AG 30B — Advanced Animal Husbandry

3 Units

Prerequisite: AG 30A
Class Hours: 2 lecture, 3 laboratory

This course is designed to give students advanced experience in the field of Animal Science. Emphasis is placed on breeding and production of beef, sheep, and swine through laboratory projects. *Transfer credit: CSU*

AG 34 — Ranch Construction and Maintenance

2 Units

Class Hours: 1 lecture, 3 laboratory

This course is designed to teach ranch construction and maintenance skills as they relate to maintaining and improving a working ranch. Students receive experience in solving repair problems and utilizing various tools and equipment. *Transfer credit: CSU*

ASTRON 2 — Observational Astronomy

3 Units

Class Hours: 2 lecture, 3 laboratory

The class is an introduction to practical and observational astronomy combining lectures with actual observations. Basic and observational astronomy are covered, with an emphasis on earth and sky motions, our solar system, telescope usage and deep space observations. The course offers the student a basic knowledge of the universe and practical experience in observing the sky and associated phenomena. *Transfer credit: CSU; UC*

BUS 10 — Microcomputer Applications in Business

1/2 Unit

Class Hours: 24 lecture total

Students will gain experience in operation of microcomputers in business applications in accounting, management, and general business. Software programs may be selected in accordance with class assignments or student interest. Scheduling is self-paced and class may be entered at any time during the semester. May be taken four (4) times for credit.

BUS 41 — Women and the Law

3 Units

Class Hours: 3 lecture

An in-depth study of various areas of law affecting the past and current legal status of women. Included in the study are topics of employment, property rights, credit opportunity, education, health issues, Equal Pay Act, and Affirmative Action. State and federal statutes and case laws are analyzed. *Transfer credit: CSU*

CD 45 — Programs for the School Age Child (F)

3 Units

Class Hours: 3 lecture

This course introduces the student to the care of school age children. It is designed for those planning to work in before and after school programs with the school age child. It will help the student develop an appropriate curriculum to meet the developmental and emotional needs of this age child. It will also provide the student with information about support for the family and how to make use of community resources.

Cm Art 20 — Airbrush Techniques for Advertising & Industry (Basic)

3 Units

Prerequisite: Cm Art 1A or 12A or suitable portfolio
Class Hours: 2 lecture, 3 laboratory

The basic course presents the use of the airbrush for preparing illustrations and photo retouching in black and white for advertising, commercial art, and industrial use. The basic course covers the introduction of the airbrush and maintenance, through airbrush rendering and photo retouching with refurbishing of old photographs covered. All assignments are demonstrated and critiqued. Students must have access to an airbrush for the duration of the class.

Cm Art 21 — Airbrush Techniques for Advertising & Industry (Advanced) 3 Units

Prerequisite: Cm Art 20
Class Hours: 2 lecture, 3 laboratory

The advanced class introduces color in the airbrush to students using transparent dyes, transparent colors and opaque designers colors for preparing full color art illustrations and color photo retouching. Many techniques and treatments are presented with "tricks of the trade" for producing highly acceptable commercial and industrial illustrations. All techniques and assignments are demonstrated by the instructor. Critiques are offered on all assignments. Students must have access to an airbrush for the duration of the class.

CIS 10A-Z — Computer Literacy Courses

This series of courses is intended to describe the IBM Personal Computer as a typical microcomputer and to prepare the student to utilize a number of application programs in the home/office environment. The objective is to allow personal, rather than professional, use particularly in the case of typing, keyboarding, and word processing applications. Each course will be self-contained and should be completed in a half semester.

CIS 10A — Introduction to IBM Personal Computer ½ Unit

Class Hours: 4 lecture, 12 laboratory total

Introduction to the IBM Personal Computer hardware and operating system. Will cover system power up sequence, insertion and removal of diskettes, use of operating system commands, use of common system utilities, and the loading of prepackaged applications.

CIS 10B — WordStar Application Program ½ Unit

Class Hours: 4 lecture, 12 laboratory total

Introduction to the WordStar word processing program. Introductory lecture, introductory computer assisted instruction, practice lessons, practical use of the processor to transcribe a formal paper.

CIS 10C — VisiCalc Application Program ½ Unit

Class Hours: 4 lecture, 12 laboratory total

Introduction to the VisiCalc application program. Introductory lecture, introductory computer assisted instruction, practice lessons, and a practical project to be completed for practice and evaluation.

CIS 10D — dBASE II Application Program ½ Unit

Class Hours: 4 lecture, 12 laboratory total

Introduction to the dBASE II database program. Introductory lecture, intensive computer assisted instruction, practice lessons, practical use of the processor to generate a formal database and to prepare reports using the data therein.

ENGL 14 — Study of Poetry 3 Units

Prerequisite: Engl 1A or equivalent
Class Hours: 3 lecture

The study of poetry will relate form to meaning through a study of imagery, figurative language, allegory, etc. in American and British poetry. The close reading and discussion of selected poems will provide a basis for the writing of critical essays. *Transfer credit: CSU; UC*

ENGL 20 — Study of Drama 3 Units

Prerequisite: Engl 1A or equivalent
Class Hours: 3 lecture

English 20 is an introduction to the study of drama in its historical, cultural, and biographical context. Plays studied will range from ancient Greek tragedy to the Theatre of the Absurd. Emphasis will be on analysis and developing sound critical judgment. Critical essay writing is required. *Transfer credit: CSU; UC*

ES 1 — Library Success Skills 1 Unit

Class Hours: 16 lecture total

This course is designed to teach basic library skills necessary for research, term paper development and classroom assignments. Skills taught will include use of the card catalog, periodical and newspaper indexes, basic reference sources, and how to compile a bibliography for term paper assignments.

LS 3 — Study Skills 3 Units

Prerequisite: LS 1 or LS 20 or concurrent enrollment
Class Hours: 3 lecture

This course focuses upon the fundamental principles of study skills. It is designed for those students who need a specialized approach to study skills. May be taken four (4) times for credit.

LS 14 — Computer Aided Instruction/Learning Skills ½-1½ Units

Prerequisite: LS 1 or approval of learning disabilities specialist
Class Hours: 1½-4½ laboratory

This course provides the student with the opportunity to participate in an individualized computer-based program based on the student's identified learning needs. Programs are available in the areas of problem solving, reading skills, written language skills, basic math skills, spelling, advanced math skills, and computer literacy. May be taken four (4) times for credit.

OT 1C — Skill Development for Secretaries: Punctuation 1 Unit

Class Hours: 2 lecture/laboratory

Students gain understanding of punctuation techniques currently used in business and industry. Students work at own pace of office skills laboratory.

OT 50A-F — Word Processing Equipment Operation 2 Units

Prerequisites: Typing speed of 50 wpm. OT 2C, concurrent enrollment, or equivalent

Class Hours: 1 lecture, 3 laboratory

Provides training on various types of word processing equipment. Students are given basic operational instruction and practical experience on machines for office-related jobs. Students may choose training on different brands of word processors or computers in successive courses.

PE 3D* — Advanced Running for Fitness and Conditioning 1½ Units

Prerequisite: PE 3C

Class Hours: 1 lecture, 2 activity

This course will continue to develop one's cardiovascular system and muscular endurance through advanced running activities. Interval and speed training will be incorporated into the course. Road race participation will be a mandatory course requirement.

PE 4B* — Beginning Conditioning through Rhythmics II 1½ Units

Class Hours: 1 lecture, 2 activity

This course will offer instruction and supervised practice in aerobic dance as a series of simple, vigorous dances which improve circulation, respiration, digestion, agility, flexibility, coordination, rhythm as well as endurance and strength.

PE 4D* — Advanced Conditioning through Rhythmics 1½ Units

Prerequisite: PE 4C

Class Hours: 1 lecture, 2 activity

The course will offer instruction in high level aerobic dance to continue and possibly improve cardiovascular conditioning through rhythmic patterning.

PE 6D* — Advanced Golf 1½ Units

Prerequisite: PE 6C or equivalent

Class Hours: 1 lecture, 2 activity

The course studies bio-mechanical principles of all elements of golf. Special attention will be given to preparation for all aspects of golf competition.

PE 9D* — Advanced Racquetball 1½ Units

Prerequisite: PE 9A-B-C

Class Hours: 1 lecture, 2 activity

This course covers advanced techniques and theory of playing racquetball and strategy of tournament playing.

PE 23A* — Beginning Baseball I 1½ Units

Class Hours: 1 lecture, 2 activity

This course is an introduction to basic fundamental techniques and rules of baseball. Covers basic skills of baseball.

Existing Course Changes

- PE 23B* — Beginning Baseball II** 1½ Units
 Prerequisite: PE 23A
 Class Hours: 1 lecture, 2 activity
 The course will offer a more in-depth review of baseball fundamentals and development through actual game situations in preparation for a higher level of baseball.
- PE 24D* — Advanced Basketball** 1½ Units
 Prerequisite: PE 24C or varsity high school experience
 Class Hours: 1 lecture, 2 activity
 This class teaches advanced techniques and strategies in basketball. This course incorporates game experience and different styles and formats of play.
- PE 25D* — Advanced Football** 1½ Units
 Prerequisite: PE 25C or varsity high school experience
 Class Hours: 1 lecture, 2 activity
 This class includes advanced techniques of football with the emphasis placed on the offensive and defensive passing game. The class includes condition and speed improvement for the football player.
- PE 26A* — Beginning Team Sports** 1½ Units
 Class Hours: 1 lecture, 2 activity
 This course teaches the basic rules, techniques and strategy of various seasonal team sports, which include soccer, softball, football and basketball. Provides for actual participation in each sport.
- PE 26C* — Intermediate Team Sports** 1½ Units
 Prerequisite: PE 26A or equivalent
 Class Hours: 1 lecture, 2 activity
 This course offers participation in various seasonal team sports (soccer, softball, football, basketball) on an advanced level to improve on knowledge of the rules, techniques and strategies of the games.
- PE 28B* — Beginning Softball II** 1½ Units
 Prerequisite: PE 28A
 Class Hours: 1 lecture, 2 activity
 This class also offers co-educational instruction and participation in basic skills and strategy of slow and fast pitch of softball.
- PE 28D* — Advanced Softball** 1½ Units
 Prerequisite: PE 28A-B-C
 Class Hours: 1 lecture, 2 activity
 This class is to prepare softball players for higher levels of competition. The skills with strategy that is needed at this level.
- PE 29D* — Advanced Track** 1½ Units
 Prerequisite: PE 29C
 Class Hours: 1 lecture, 2 activity
 Students continue to develop advanced skills and strategies of track and field. Particular attention will be given for the preparation of the student for the competitive season. This is a requirement of all track GA candidates.
- PE 30B* — Beginning Volleyball II** 1½ Units
 Prerequisite: PE 30A or equivalent playing experience
 Class Hours: 1 lecture, 2 activity
 The student will experience continued development of the fundamental skills and strategies for playing the 6-player power volleyball game.
- PE 38B* — Beginning Wrestling II** 1½ Units
 Prerequisite: PE 38A
 Class Hours: 1 lecture, 2 activity
 This course is designed to continue development of students in wrestling skills and techniques. Development and refinement of takedowns, escapes, reversals, rides, and pinning skills will be emphasized.
- PE 38D* — Advanced Wrestling** 1½ Units
 Prerequisite: PE 38C
 Class Hours: 1 lecture, 2 activity
 This course is a continuation of intermediate wrestling with more emphasis on advanced skills and competitive wrestling. Math strategy and theory will also be covered.
- SPN 1A/B — Elementary Spanish** 2/2 Units
 Prerequisite: None for 1A. Spn 1A or 1 year of high school

Spanish for Spn 1B
 Class Hours: 2 lecture, 1 laboratory by arrangement
 Spanish 1A/1B offers students an opportunity to take Spanish 1 in two semesters rather than one. The skills and content covered are the same, but offered at half the pace of Spanish 1. Students receiving credit in the Spanish 1A/1B sequence may not receive credit in Spanish 1. *Transfer credit: CSU*

EXISTING COURSE CHANGES

- AG 30A — Introductory Animal Husbandry** 3 Units
- AG 31 — Feeds and Feeding** 3 Units
 Prerequisite: AG 30A or equivalent
- AG 39 — Animal Health and Sanitation** 3 Units
 Prerequisite: AG 30A or equivalent
- CHEM 1A — General Chemistry** 6 Units
 Prerequisites: Chem 12 or equivalent college course or satisfactory score on Chemistry Placement Exam and Math 3 or equivalent college course or eligibility for Math 5 or higher on the Mathematics Placement Exam.
 Class Hours: 5 lecture, 3 laboratory
 LECTURE: Topics covered include: atomic theory and stoichiometry; thermochemistry; quantum theory and electronic structure of atoms; chemical bonding and molecular structure; physical behavior of gases; states of matter and phase equilibria; solutions; titrations and qualitative analysis.
 LABORATORY: Use of analytical balance; spectroscopy; Gravimetric and volumetric analysis; stoichiometry; thermochemistry; solutions; titrations; qualitative analysis; colligative properties and distillations. *Transfer credit: CSU; UC*
- CHEM 1B — General Chemistry** 6 Units
 Prerequisite: Chem 1A
 Class Hours: 5 lecture, 3 laboratory
 LECTURE: Topics covered include: phase equilibria; equilibria in gases and solutions; thermodynamics; chemical kinetics; precipitation reactions; acids and bases; complex ions; oxidation-reduction; electro chemistry and quantitative and qualitative analysis.
 LABORATORY: Equilibria; thermodynamics; chemical kinetics; electro chemistry; titrations and qualitative analysis. *Transfer credit: CSU; UC*
- CHEM 12 — Introductory Chemistry I** 4 Units
 Prerequisite: Math 1 or equivalent college course, or eligibility for Math 3 or higher on the Mathematics Placement Exam.
- The name for the Early Childhood Development Program has been changed to Child Development with a consequent change in the names of all the courses.
- CD 38 — Observation in the Nursery School (F/S)** 3 Units
 Class Hours: 2 lecture, 3 laboratory
 This course is an introduction to observation techniques in a school setting. Students will observe children's activities, classroom materials and environment and teacher planning and interaction within the nursery school setting. Extended experiences are gained in community observation at other Early Childhood Programs. *Transfer credit: CSU*
- CS 10 — Introduction to Computer Programming** 3 Units
 Prerequisites: Math 6 or Math 7 or equivalent college course or satisfactory score on Math Placement Exam. Concurrent enrollment in CS 16 or knowledge of PASCAL required.
- CS 16 — Computer Programming PASCAL** 3 Units
 Prerequisite: Math 3 or equivalent college course, or satisfactory score on the Math Placement Exam.
 Class Hours: 3 lecture

This course is an introduction to programming and the organization of computers using the PASCAL language. Basic programming concepts are studied including: algorithms, data and control structures, debugging, program design, documentation, and structured programming. Students will use PASCAL to solve problems in their primary area of interest. *Transfer credit: CSU; UC*

CS 18 — Computer Programming-FORTRAN 3 Units
Prerequisites: Math 5 and Math 6 or Math 7 or equivalent college course, or satisfactory score on the Math Placement Exam.
Class Hours: 3 lecture

This course is an introduction to programming and the organization of computers using the FORTRAN language. Basic programming concepts are studied including: algorithms, data and control structures, debugging, program design, documentation, and structured programming. Students will use FORTRAN to solve applied problems in their primary area of interest. *Transfer credit: CSU; UC*

CS 20 — Data Structures and Program Design 3 Units
Prerequisites: CS 10 and (CS 16 or proficiency with PASCAL) or equivalent college courses.

CS 50 — Files and Data Bases 3 Units
Transfer credit: CSU

EL 1 — Introduction to Electronics 4 Units
Prerequisite: Math 1 or equivalent college course, or a satisfactory score on the Math Placement Exam or one year high school algebra
Class Hours: 3 lecture, 3 laboratory

This is an introductory course in electronics intended for both technically and nontechnically-minded students. The presentation of basic concepts and theory is reinforced by laboratory experiments. The scope ranges from electron theory to microcomputers, with emphasis on passive and active devices, amplifiers and oscillators and digital circuits. The course includes practical applications of electronics to business, science, industry and entertainment.

ENGL 4A/B/C/D — English as a Second Language 3/3/3/3 Units
Prerequisites: Beginning skills in English (speaking, reading, writing) for 4A, 4A for 4B, 4B for 4C, 4C for 4D

ENV SC 2 — The Biology of Environment and Man 4 Units
Prerequisite: Only one of the following: HS Biology or HS Chemistry or HS Physics or EnvSc 1 or Chem 12 or equivalent.

GEOL 21 — Geology of California 3 Units
Prerequisite: A previous course in Geology

HUM 5 — Contemporary Foreign Films 3 Units
Transfer credit: CSU; UC

LS 12 — Tutoring Methods 1-3 Units
Prerequisite: Approval of learning disabilities specialist
Class Hours: 1-3 lecture
This basic tutoring foundation course is designed to give tutors the techniques to deal with special learning problems. May be taken four (4) times for credit.

MATH 7 — College Algebra and Trigonometry 5 Units
Transfer credit: CSU; UC credit limitations — maximum credit, 4 units.

MUS 2A/B/C/D — Music Theory 4/4/4/4 Units
Prerequisites: Music 1 or equivalent for 2A; 2A for 2B; 2B for 2C and 2A for 2D

MUS 28* — Instrumental Conducting 2 Units
Prerequisites: Equivalent of Music 1, Music 2A
Class Hours: 2 lecture, 1 laboratory

A study is made of basic conducting techniques of various instrumental organizations; students also explore instrumental literature, including style, performance and interpretation. May be taken two (2) times for credit. *Transfer credit: CSU; UC credit limitations. See counselor.*

MUS 60D — Masterworks Chorale 2 Units
Class Hours: 1 lecture, 3 laboratory
May be taken four (4) times for credit.

NS 15 — Pharmacology for Nurses 3 Units
Transfer credit: CSU

OT 15 — Concepts of Word Processing 3 Units
Class Hours: 3 lecture
This course provides a review of office automation and contemporary office procedures and equipment. The course examines currently available office automation concepts, products, and systems. Topics included are voice processing, word processing, records management, reprographics, and electronic communication. Field trips are required.

OT 40 — Memory Typewriter 1 Unit

PE 4C* — Intermediate Conditioning through Rhythmics 1½ Units
Prerequisite: PE 4A-B or equivalent

PE 23C* — Intermediate Baseball 1½ Units
Prerequisite: PE 23B

PE 23D* — Advanced Baseball 1½ Units
Prerequisite: PE 23C or varsity high school experience

PE 28C* — Intermediate Softball 1½ Units
Prerequisite: PE 28A-B or equivalent

PE 30C* — Intermediate Volleyball 1½ Units
Prerequisite: PE 30A-B or playing ability in volleyball

PE 30D* — Advanced Volleyball 1½ Units
Prerequisite: PE 30C or equivalent playing experience
Class Hours: 1 lecture, 2 activity

The class will continue the development of the advanced techniques of power volleyball that will make the student proficient at playing the 2-man, 3-man and 6-man game. Advanced strategies are introduced.

PE 38C* — Intermediate Wrestling 1½ Units
Prerequisite: PE 38A-B or equivalent

READ 2 — Intermediate Reading Skills 3 Units
Transfer credit: CSU

SP ED 10A — Beginning American Sign Language 3 Units
Transfer credit: CSU

SP ED 10B — Intermediate American Sign Language 3 Units
Transfer credit: CSU

SP ED 10C — Advanced American Sign Language 3 Units
Transfer credit: CSU

SPCH 3 — Voice and Diction 3 Units
Transfer credit: CSU; UC credit limitations. See counselor.

TC 1 — Mass Communications: Introduction to Broadcasting 3 Units
Transfer credit: CSU

TC 8 — Voice and Diction 3 Units
Transfer credit: CSU; UC credit limitations. See counselor.

ThA 3 — Voice and Diction 3 Units
Transfer credit: CSU; UC credit limitations. See counselor.

ThA 23B† — Lighting and Scene Design 3 Units
Prerequisite: ThA 22A

DELETED COURSES

AG 2	Plant Structure	3 Units
AG 3	Plant Propagation	3 Units
AG 4	Plant Identification of Ornamentals	3 Units
AG 6	Landscape Design	3 Units
AG 7	Nursery Practice	3 Units
AG 8	Floral Design	3 Units
AG 9	Floral Production	3 Units
AG 14A/B	Turfgrass Management	3/3 Units
AG 15	Insects and Diseases and Their Control	3 Units
AG 16	Homeowners Plant Propagation	3 Units
AG 18	Irrigation Systems	3 Units
AG 19	Decorative Container Gardening	3 Units
AG 24	Home Gardener	3 Units
AG 32	Beef Production	3 Units
AG 33	Sheep Production	3 Units
BIOL 15	The Pharmacology of Drug Abuse	3 Units
CR 1	Beginning Stenotypy	8 Units
CR 2	Machine Shorthand Workshop I	8 Units
CR 3	Machine Shorthand Workshop II	8 Units
CR 4	Machine Shorthand Workshop III	8 Units
CR 5	Machine Shorthand Workshop IV	8 Units
CR 6	Machine Shorthand Workshop V	8 Units
CR 7	Speedbuilding Workshop	4 Units
CR 15	Punctuation for Court Reporters	1 Unit
CR 16	Spelling for Court Reporters	1 Unit
CR 20	Anatomy for Court Reporters	5 Units
CR 25	Substantive Law	3 Units
CR 26	Procedural Law	3 Units
CR 30	Court Reporting Techniques I	3 Units
CR 31	Court Reporting Techniques II	1 Unit
OT 42	IBM Electronic 75 Typewriter	1 Unit
OT 43	Lexitron Word Processor	2 Units
OT 44A	Vector Graphic III (Memorite)	2 Units
OT 44B	Vector Graphic III (WordStar)	2 Units

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Foreign Students

Foreign students are admitted under a quota system, and must have permission to register from the Dean of Admissions and Records. In order to qualify for admission *ALL* of the following items must be submitted at least two months prior to the first day of the semester of desired enrollment.

1. Submit a personal letter in (student's handwriting) stating specific objective(s) in attending Moorpark College.
2. Submit a completed *application* for admission to Moorpark College.
3. Submit official translated transcripts from secondary schools and colleges previously attended.
4. Provide evidence of proficiency in the use of the English Language. Students are required to complete the Test of English as a Foreign Language (TOEFL) and achieve a score of at least 505. For information write:

Educational Testing Service
Box 899
Princeton, N.J. 08540
5. Submit a confidential letter of recommendation from an administrator of the school last attended, indicating personal qualifications.
6. Submit Student Agreement: Reflecting student understanding of responsibility.
7. Submit Foreign Student Application for admission.
8. Submit a confidential financial statement.
9. Submit a health statement from a licensed physician which must include TB test results.

Other requirements upon arrival:

1. Interview and clear with the Dean of Admissions and Records.
2. Submit proof of major medical insurance.
3. Payment of tuition fee prior to enrollment (for the 1985/86 school year, tuition has been established at \$97.00 per unit with a maximum fee of \$1,455.00 per semester for 15 or more units). Contact the Dean of Admissions and Records for detailed instructions.

Immigration Department Form I-20A will be issued only after all prerequisites for admission have been met.

Moorpark College attempts to select for admission only those foreign students who are above average in scholastic achievement and personal qualifications.