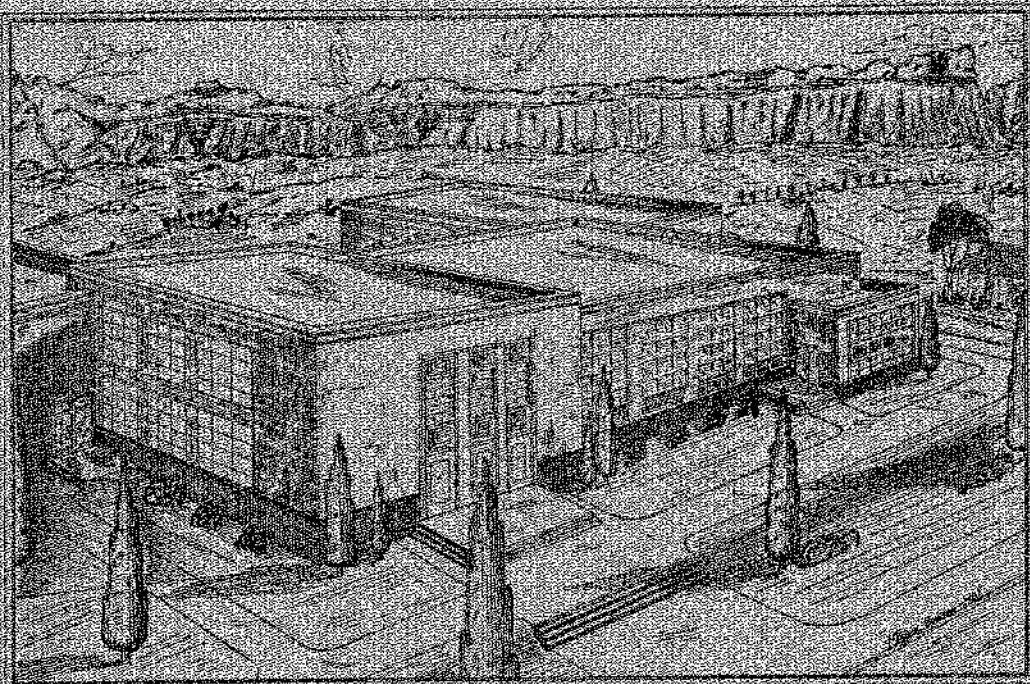
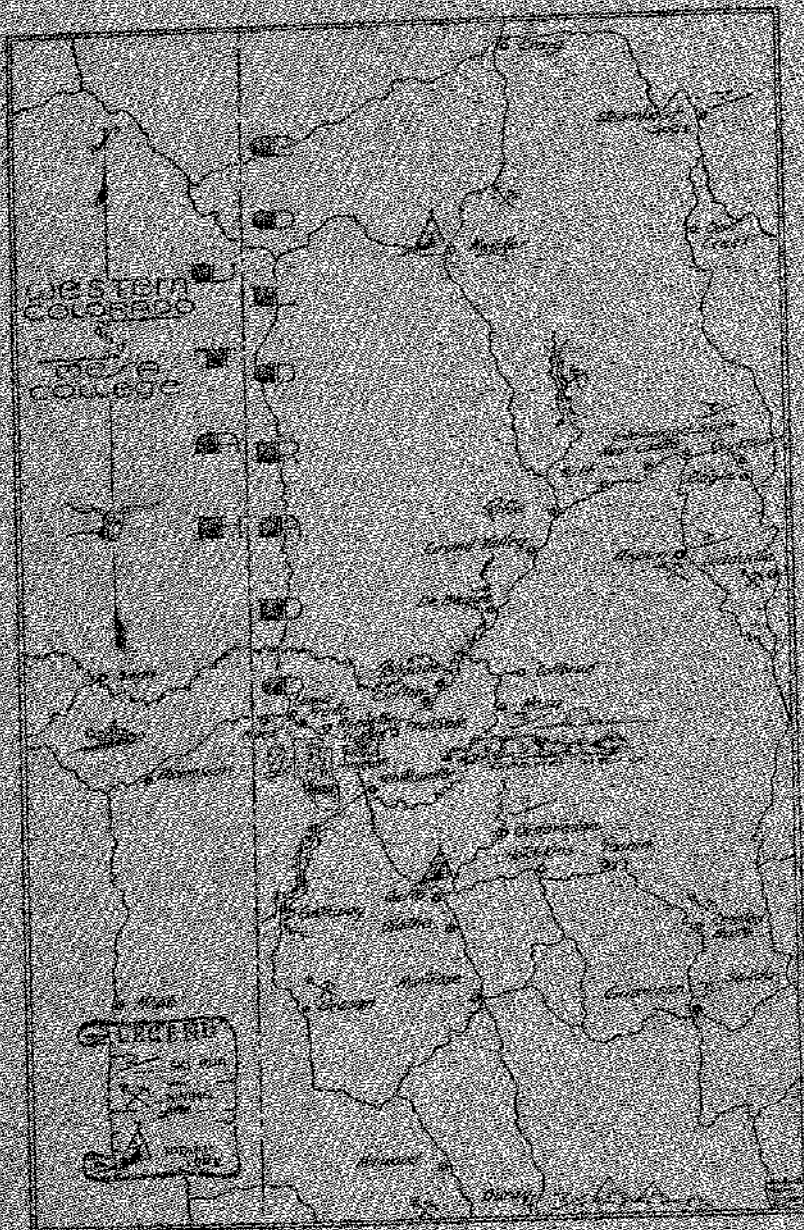


MESA COLLEGE



Bulletin
1940-42

Grand Junction, Colorado





1940

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College Calendar

1940

FALL QUARTER

SEPTEMBER 22-28	Freshman week, examinations, teas
SEPTEMBER 27-28	Registration
SEPTEMBER 30	Classes begin
NOVEMBER 11	Armistice holiday
NOVEMBER 28-29	Thanksgiving vacation
DECEMBER 16-20	Final examination
DECEMBER 21	Christmas vacation begins

1941

WINTER QUARTER

JANUARY 2	Christmas vacation ends
JANUARY 3-4	Registration
JANUARY 6	Classes begin
MARCH 17-21	Final examination
MARCH 22-30	Spring vacation

SPRING QUARTER

MARCH 31	Registration
APRIL 1	Classes begin
JUNE 9-13	Final examinations, commencement week

FALL QUARTER

SEPTEMBER 22-27	Freshman week, examinations, teas
SEPTEMBER 26-27	Registration
SEPTEMBER 29	Classes begin
NOVEMBER 11	Armistice holiday
NOVEMBER 27-28	Thanksgiving vacation
DECEMBER 15-19	Final examination
DECEMBER 20	Christmas vacation begins

1942

WINTER QUARTER

JANUARY 2	Christmas vacation ends
JANUARY 2-3	Registration
JANUARY 5	Classes begin
MARCH 16-20	Final examination
MARCH 21-29	Spring vacation

SPRING QUARTER

MARCH 30	Registration
MARCH 31	Classes begin
JUNE 8-12	Final examinations, commencement week

Mesa College Program

OBJECTIVES OF COLLEGE The junior college has certain objectives which are peculiarly its own. The emphasizing of guidance, the completion of general education as distinguished from the specialization of the university, and the provision for vocational education on the semi-professional level are characteristic of the junior college. The graduate of a junior college should be aware of the world in which he lives; he should have established satisfactory attitudes and a workable personal philosophy; he should know something of the occupational field and have made tentative choices of his own vocation; he should have established good personal and civic habits. These concepts are increasingly the property of the junior college graduate.

COUNSELLING Through pre-registration conferences which are held during the summer prospective students are advised of the offerings of the College in relation to their own needs and interests. Each student is assigned a counselor after registering and has from three to five or more conferences during the year at which times such matters as success in work, social adjustments, financial problems, and vocational outlook are discussed.

A large proportion of students come to college, any college, lacking in definiteness of objective, especially as it concerns their life work. They have a right to expect that information and direction be given them during their first two years which will enable them to use their time in college to the best advantage.

Socially, many students are ill-adjusted to the expanding contacts which are presented and need friendly advice which is also competent advice. Financial problems are common to most students. Through the aid of N. Y. A. and the employment bureau, the faculty endeavors to solve these economic difficulties. The faculty of the college believes that guidance and counselling are of primary importance and regards them as privileges as well as duties.

PERSONALITY Faculty and administration of Mesa College believe that one of the most important objectives of education is the development of personality in students. This may be achieved in part through participation in a well-rounded program of activities. Such participation tends to develop leadership, bring out latent abilities, and widen the cultural horizon. Students are encouraged to take part in one or several of the varied activities sponsored by the College. These include athletic events, social affairs, organization and club work.

Saga of Mesa College

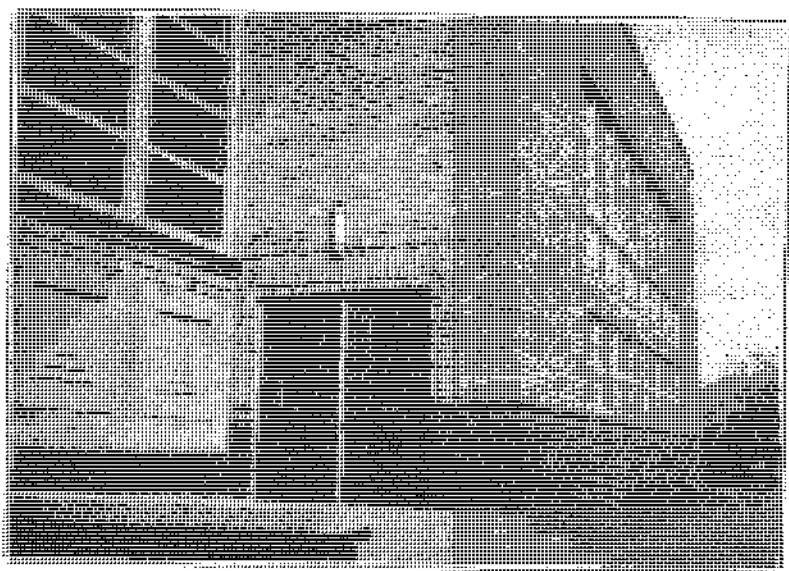
LOCATION Grand Junction, Colorado, the home of Mesa College, is centrally located in the heart of Grand Valley, the "Garden of the Rockies," on the Western Slope of Colorado about 300 miles southeast of Salt Lake City and 280 miles west of Denver.

Grand Junction, with a population of nearly 18,000, is the county seat of Mesa County and the metropolis of a vast inland empire of 50,000 square miles in western Colorado and eastern Utah devoted to ranching, farming, orcharding, mining, and summer and winter resorts.

Excellent highways and railroads afford rapid transportation to other key cities in the Rocky Mountain region. United States Highways 6, 24, and 50 are routed through Grand Junction. It is the division point and on the main line of the scenic Denver & Rio Grande Western Railroad.

Important as a wholesale and retail center, Grand Junction has consistently ranked as one of the three leading cities in the state in distribution and sales. This commercial activity is one of the reasons that so many of the Mesa College students find part-time employment to help defray their college expenses.

The climate of Grand Junction is remarkably uniform and mild. On an average the sun shines 359 days during the year and the wind seldom blows. The winters are short, and the falls and springs are warm and pleasant. The altitude of Grand Junction is 4,600 feet.



HISTORY Fifteen years of consistent progress and phenomenal growth characterize the development of Mesa College. Beginning in 1925 with thirty-five students, five instructors, limited physical equipment, and a meagre curriculum, Mesa College has advanced and expanded until today it is one of the leading junior colleges in the state and is recognized as one of the most progressive schools in the Rocky Mountain region.

Mesa College, oftentimes called the "civic enterprise of the Western Slope," has faced many barriers that were hurdled by the moral and financial assistance of cooperative civic organizations, business groups, and private individuals led by an alert administration that visualized the need and value of a junior college on the Western Slope.

Establishment of junior colleges in Colorado was denied by several legislative bodies and governors but in 1925, the governor of Colorado approved the Junior College Bill that had been passed by the state legislature, "Providing instruction in the arts and sciences and in such branches of knowledge as may be designated by the board of trustees of said institution."

Classes at Mesa College were started in September 1925 under the supervision and through the assistance of the University of Colorado. Dr. L. F. Hyde was the first dean. O. N. Marsh became head of the school in 1928 and served until 1932.

In 1932 Dr. C. G. Houston was chosen dean and Mesa College started to develop from a school serving only Grand Junction to a College attracting students from all over the Western Slope and some states other than Colorado. Under Dr. Houston's guidance, the curriculum was expanded and Mesa College became a more important factor in Colorado education circles.

Horace J. Wubben was selected president of Mesa College in 1937 and has led the College into an era of added importance and recognition throughout the United States. Within the last two years the enrollment of the College has doubled. To keep pace with the increased student body more instructors have been added to the staff and the curriculum has been expanded.

Financial support of the College until 1937 was from civic organizations and private individuals. In 1938 Mesa College first received county and state aid.

Under the present administration, a new \$300,000 building program was launched and successfully completed, giving Mesa College one of the most modern and flexible college buildings in the Rocky Mountain area. The new building facilitates instruction in both terminal courses and courses designed to prepare students for advanced college work.

During the school year 1939-40 over 500 students were enrolled. The curriculum has been broadened and enlarged to include 108 courses. The faculty numbers 29 part and full-time instructors.

Personnel of Mesa College

Mesa College Committee

R. H. PENBERTHY, President.....	Grand Junction
J. A. EDLING, Secretary.....	Appleton
M. L. DILLEY, Treasurer.....	Clifton
MRS. CLYDE BIGGS.....	Grand Junction
CARL PORTER.....	Collbran
MRS. SADIE HOGSETT, County Supt. of Schools, (Ex-Officio).....	Fruita

Officers of Administration

HORACE J. WUBBEN, B. A., M. A.....	President of the College
MARY RAIT, B. A., M. A.....	Vice-President, Dean of Women
MARSHALL C. MILLER, B. A., M. A.....	Dean of Men
MAURICE GRIFFITH, B. A., M. S.....	Registrar

Faculty

ROLLAND R. BALL, M. A., University of Colorado	English Language, Economics, and Dramatics
W. C. BINNEWIS, Ph. D., University of Nebraska	German
CECILIA CARDMAN, B. F. A., University of Colorado	Art
PETER J. CARLSTON, B. S., University of Utah	Athletics, Physical Education, Hygiene, Speech
GEORGE COURNON, B. S., University of Utah	Mathematics
HENRY CROSS, B. S., Colorado State College	Agriculture and Shop Mechanics
MATTIE F. DORSEY, Ph. D., University of Colorado	French and Education
MAURICE GRIFFITH, M. S., Colorado College	Mathematics, Engineering Drawing, and Physics
WILLIAM HARTMAN, M. A., Colorado State College of Education	Journalism and Publicity
CARL HILVER, B. M., Central College, Iowa	Organ and Piano
EDWARD HOLT, B. A., Coe College, Iowa	Geology
FAITH JOHNSTON, M. S., Kansas State College	Home Economics
MARIE KILLHEFFER, M. A., University of Chicago	English Literature and Language

Linda M. ... Leonard B.S. C.S.A.

- ORLANDO R. LINDESMITH, M. A., University of Wisconsin
Chemistry and Mathematics
- MARSHALL C. MILLER, M. A., Colorado State College of Education
Sociology and Political Science
- Discontinued*
Provisionally HARRY MOORE, Colorado State College
Shop, Mechanics and Athletics
- MARY RAIT, M. A., University of Colorado
History
- LOUISE ROLOFF, B. S., University of Colorado
Zoology and Physical Education
- HAROLD ROUTH, B. S., Colorado State College
Vocational Administration and Agriculture
- LILIAN SABIN, Ph. B., University of Wisconsin
Librarian
- LAWRENCE SARDONI, M. A., Brigham Young University
Band, Orchestra, and Music Theory
- CHARLES H. TUCKER, M. S., University of Colorado
Accounting
- HORACE J. WUBBEN, M. A., University of Colorado
Psychology and Education
- ~~ELMER G. HOUSTON~~ Maintenance Superintendent

Special Music Instructors

- ~~BETRAM HINGEL~~ ----- Instructor of Brass Instruments
Former member of Seattle, Minneapolis Symphony Orchestras.
- MARIE OLCOTT ----- Instructor of Piano
Studied at Klindworth, Berlin, Germany; American Conservatory of Music, Chicago; Chicago Music College; Student of Rudolph Ganz, Clarens, Switzerland.
- GOODSELL SLOCUM ----- Instructor of Organ and Piano
B. A., B. M., Yankton College, South Dakota; Graduate work at University of Colorado.
- WILLIAM SORENSEN ----- Instructor of String Instruments
B. A., Brigham Young University.
- ~~CHARLES STEEN~~ ----- Instructor of Woodwind Instruments
Former member of the Roxie Theatre Orchestra, New York City; Member of Harold Bachman Woodwind Quintet, Chicago.
- MARIE TREECE ----- Director of Contact Troupe, Voice
Colorado College.

General Information

ADMISSIONS Admission to Mesa College will be granted through two possible avenues, depending upon the classification of the applicant.

1. REGULAR STUDENTS:

Students must be high school graduates. A transcript of high school records should be submitted to the Registrar at the time of registration. Students are expected to present fifteen acceptable units. Graduates of non-accredited high schools, or non-graduates who qualify as to the above, may be admitted provisionally. If by the end of the first quarter of attendance, these provisional students have suitably demonstrated their ability to do college work, the provision is removed.

2. SPECIAL STUDENTS:

Mesa College is open to any adult individual who desires to pursue educational activity either as a part or full-time student. All applicants who are not classified as regular students come under this classification.

All such applicants must complete the full 96 hours program as outlined by their program choice and be recommended by the President of the College if graduation is desired. Pursuance of special courses is permitted under Mesa College regulations. All special students must consult the Registrar before completing registration.

Transcripts of records and achievements from other institutions are required of all entering students. *Registration is not complete until this regulation has been met. If transcripts are not filed by the second week of the quarter, registration is automatically cancelled.*

ADMISSION TO ADVANCED STANDING Students may be admitted to advanced standing on the basis of certificates from other colleges and universities, providing the Registrar approves the certificates. Units of transferable work must be of average quality if they are to be used toward graduation at Mesa College or any other institution of higher learning. Transcripts of previous high school and college work must be filed.

An applicant for admission who has already attended any institution of college rank is not at liberty to disregard the collegiate record and to apply for admission to the college upon the basis of his high school record. The applicant in this case is subject to the regulations governing admission to advanced standing as described in the above section. Honorable dismissal from the institution attended previously must be obtained, or registration is impossible.

The Registrar will not accept D grades transferred from other junior colleges, senior colleges, or universities.

REGISTRATION Students may receive pre-registration council at any time before the opening of a quarter by reporting to the Registrar's office for that purpose. Actual registration takes place on the two days previous to the opening of any quarter. Freshmen report one week earlier before the opening of the fall quarter, but register at the regular time.

The admissions office of the College is open during the summer months even though no summer sessions are offered.

LATE REGISTRATION No student will be permitted to enroll after Monday of the third week in any quarter. Students entering late may be excluded from certain classes of extreme size. The College assumes no responsibility in assuring late entrants a desirable program. Students entering late will be held responsible for making up the work they have missed. There is a two-dollar fee charged for late registration.

UNITS OF WORK College work is measured in quarter-hour units. The average load is 16 quarter-hours and the minimum load is 10 quarter-hours with the exception of certain special students. A credit hour is equal to fifty minutes of class work each week for 12 weeks. Students desiring to carry more hours than the average load (16 hours) must have demonstrated their ability to do so by having maintained an average of "B" for the preceding quarter. The College administration believes that it is not advisable for students who are doing outside work to attempt to carry a full program.

CHANGE OF PROGRAM No student may transfer from one subject to another after the end of the second week of the quarter. In cases where withdrawals are necessary, such arrangements must be made with the Registrar, the student's counselor, and the instructor. Failure to abide by this rule will result in the assignment of a technical failure (T. F.) for the course or courses involved.

Transfer from one curriculum field to another should not be made by the student except by his counselor's direction.

TUITION No tuition is charged students of Mesa County. Mesa College is a County Junior College and as such, citizens of Mesa College or their children are charged no tuition.

Students coming from outside of Mesa County pay a tuition charge of \$25 per quarter.

RESIDENCE Residence for college purposes is to be considered no different than residence for political purposes. An adult, 21 years of age, paying taxes in Mesa County, and residing in Mesa County for 90 days is considered a resident of the county. Individuals under the age of 21 years must accept the location of their parent's home as residence. Residence in the county for school purposes only does not qualify for residence unless the above requirements are met.

Expenses

FEES Certain courses and services require the payment of a fee.

	QUARTER YEAR	
Student Activity Fee	\$3.00	\$ 9.00
Library Fee	1.00	3.00
Incidental Fee	5.00	15.00
Chemistry (1 or 51)	5.00	15.00
Art (any course)	5.00	15.00
Music (any course)	5.00	15.00
Music (private fees to be arranged with instructor)		
Geology	5.00	15.00
Physics	5.00	15.00
Dramatics	2.00	6.00
Business Course or Courses	5.00	15.00
Transportation Fee (for Ag. students)	5.00	15.00
Towel Fee		1.50
Diploma Fee		1.50
Home Economics Fee	5.00	15.00
Cap and Gown Rental Fee		3.00
Teacher Placement Fee		3.00
Late Registration Fee		2.00

A five dollar matriculation fee is paid by all students once during their attendance to defray expenses of registration, vital records, and graduation.

There is a fee of one dollar charged for any late or special examinations. Students who are allowed time or credit on fees or tuition are charged the late registration fee. Registration is not complete until these obligations are met.

PAYMENT OF FEES All fees and tuitions are due on registration day (the first two days of each quarter). Registration is not complete until the student's obligation is met in full. Any irregularities in the above will be sufficient cause for cancellation of registration. Emergency situations should be taken up with the Registrar. Fees and tuition may be paid in advance, but it is suggested that they be paid quarterly.

REFUND OF FEES AND TUITION No fees or tuition are returned after two weeks from the opening of the quarter. Prior to that date, two-thirds of the total fees and tuition collected from the individual may be refunded upon recommendation of the Registrar. The one-third retention fee is credited to the student's account and may be used by the student at any time in the future for school purposes.

BOARD AND ROOM The cost of board and room is from \$22.50 to \$27.50 a month. Some students do light housekeeping, having kitchen privileges in the home in which they live.

Grading and Standards

GRADES The standing of students is indicated on a basis of: A, superior work; B, good work; C, satisfactory work; D, minimum passing work; F, failure—to secure credit the course must be repeated; U, unsatisfactory—no credit allowed; S, satisfactory (designations for physical education and orientation courses); T. F., technical failure—students withdrawal not sanctioned by regulation; W, withdrawal—dropped without discredit; Inc., incomplete—requirements not met—must be made up by third week of following quarter or a grade of F is recorded in the office.

GRADE POINTS Although grade points are not used to determine fitness in Mesa College, it is well for the prospective student to remember that such a scale will be applied to his junior college credits when he transfers them, if he contemplates further study at a senior college or university.

Quarter grades are credited as follows: A, 3 points for each hour; B, 2 points for each hour; C, 1 point for each hour; D, 0 points for each hour; F, minus 1 point for each hour; Inc., to F, minus 1 point for each hour.

EXPLANATION A three-hour course with a grade of A earns nine grade points; with a grade of B earns six grade points; with a grade of C earns three grade points; with a grade of D earns no grade points; and with a grade of F loses three grade points.

This evaluation is used by the College to determine the honor roll. For recommendations to a university or senior college a student must have as many grade points as he has attempted hours of credit, or an average of C for the total number of courses in which he has enrolled and received grades.

MARKS ARE PERMANENT All marks, when turned into the office by the instructor, are entered upon the student's permanent record. These marks are permanent and will not be changed under any condition.

EXAMINATIONS Final examinations are required in all courses except laboratory, physical education, and orientation courses, and these at the option of the instructor in charge. Final examinations are held regularly at the end of each quarter, and each examination covers the entire quarter's work. Two, three, and five hours are devoted to each examination. Students are required to take the final examination at the appointed time and place in order to receive credit.

Mid-term examinations are given at the expiration of the sixth week of each quarter. These examinations are given during a regular class period and are required of all students in the course.

CREDIT FOR QUARTER'S WORK A student will not receive credit toward graduation for one quarter's work of any full year subject. Only when courses are listed as single quarter unities will credit toward graduation be given for one quarter's work.

EXPLANATION:

Sociology 51—Essentials of Sociology—Fall Quarter—2 hrs.

Sociology 52—Sociology of the Family—Winter Quarter—2 hrs.

Sociology 53—Rural Sociology—Spring Quarter—2 hrs.

Political Science 1, 2, 3—American Government—Fall, Winter, and Spring Quarters—9 hrs.

A student who has successfully completed the first quarter or first and second quarters only of a year subject will be given deferred credit in that subject. If at a later date the remaining quarter or quarters of the subject are completed full credit will be allowed for the course.

GRADE REPORTS Individual grade reports are sent to students and parents at the end of each quarter. Special reports can be secured at the office of the Registrar upon application. Parental and other interested inquiries are encouraged by the College. Personal appointments with the President of the College, the Deans, or the Registrar are available at regular office hours.

SCHOLARSHIP AVERAGE A minimum of ten quarter hours must be successfully completed each quarter by every regular student. Failure to accomplish this requirement puts the student on probation for the following quarter and will undoubtedly mean a change in program. If the student continues to fall below this minimum requirement during the probationary quarter he must withdraw from the institution.

Completion of 96 quarter hours of work (six in physical education and nine in Freshman English) is the graduation requirement; however, all students are cautioned that any average below that of C is to be avoided at all cost.

REQUIREMENTS FOR GRADUATION A total of 96 hours, six of which must be in physical education and nine hours of which must be in Freshman English, plus certain specified courses, are required for graduation. These requirements are met by completing one of the curriculums.

CERTIFICATE Successful completion of two years work in a specific curriculum field results in qualification for the granting of the Associate of Arts certificate. This certificate is proof of successful accomplishment in the junior college level of college training. Its issuance is legally provided for in the Colorado State Statutes and it is presented by Mesa College. Possession of this certificate does not guarantee entrance into higher institutional work unless a specific outlined course for that purpose has been completed.

STATE CERTIFICATE The Colorado State Superintendent of Public Instruction issues a one-year elementary State Permit to Mesa College graduates who complete as a part of their 96 hours the following courses: 35 hours professional work; 6 hours student teaching; 55 hours selected program.

ATTENDANCE Regular attendance at class and laboratory sessions is of great importance to the student. The College demands that students meet the requirements of the courses. Restrictions on absences are limited to the number of hours credit given in the course; thus, a two hour course, two "cuts"; a three hour course, three "cuts," etc. In all courses qualifying examinations are given those students violating the above rule for which a fee of one dollar is charged. Upon passing this examination the student is allowed to take the final examination. If he fails, a failure for the course is recorded. Extended periods of absence necessitate makeup work. The instructor's decision on work to be made up and time allowed is accepted by the office.

TRANSFER OF CREDITS One transcript of college credits is furnished free to the student. A fee of fifty cents is charged for each additional transcript. The use of the grade point scale should be kept in mind by the student. Many courses of the terminal curriculums are not transferable to universities or senior colleges.

RECOMMENDATION TO OTHER COLLEGES Mesa College will recommend to other institutions only those students whose scholastic achievement is considered satisfactory and who are entitled to an honorable dismissal from the College. Mesa graduates have gone to many colleges and universities for their advanced work. Some of the colleges and universities include Northwestern University, Colorado University, Colorado State College of Education, Colorado School of Mines, Harvard University, Stanford University, University of Wisconsin, and the United States Naval Academy.

ACCREDITING AGENCIES Mesa College is a member of the American Association of Junior Colleges. The work done here since the beginning of the college has been accepted full value by all Colorado state institutions and on an individual basis students are admitted in representative colleges and universities throughout the nation. It is suggested, however, that students planning advanced work in specific fields at designated institutions consult with the Registrar before completing their registration at Mesa College.

The Mesa College faculty is duly certified under Colorado law. The curriculum is recognized by the State Department of Education. The College is fully accredited by all state institutions.

Physical Equipment

LOCATION Mesa College is ideally located at North Avenue and Twelfth Street about one and one-quarter miles north and east of the main business district of Grand Junction. The College grounds include twenty acres on one of the highest levels in the city, commanding an unobstructed view of the Bookcliffs to the north, Grand Mesa to the east, the Uncompahgre range to the south, and the Colorado National Monument to the west.

The residential section in the vicinity of Mesa College is rapidly becoming one of the most beautiful and modern districts in the city. Most of the residential sections in close proximity to the College have stringent building restrictions.

LINCOLN PARK Directly to the south and east of Mesa College across North Avenue is the beautifully landscaped Lincoln Park, the recreation center of Grand Junction. The Park includes a modern concrete stadium that will seat about 3,000 people, a green turfed football field, and a quarter-mile curbed cinder track. Other physical equipment includes a baseball diamond and stands, six concrete tennis courts, a sporty nine-hole golf course with grass fairways and greens, and an outdoor swimming pool.

BUILDING The \$300,000 Mesa College building, completed in March 1940, covers nearly one-half a city block in area. The two-story structure has been acclaimed by building authorities as one of the most modern and practical college plants in the West. Constructed in a classic Greek design motif, the building includes the administration offices, class rooms, lecture rooms, laboratories, auditorium-gymnasium, library, art gallery, museum, special physical education rooms, and instructor's offices.

Scientific lighting and ventilation are two features of the building. Glass brick is used throughout the building for light diffusion. Ornamental light fixtures afford ample indirect, non-glare illumination. The spacious halls and lobbies are well-designed to prevent traffic congestion. The halls on the first floor are equipped with individual recessed lockers for student's use.

ADMINISTRATION OFFICES The offices of the President, Registrar, Dean of Men, and Dean of Women are on the first floor near the main entrance. The offices are easily accessible to the students. A control board for a two-way sound system is in the President's office. Announcements as well as radio broadcasts can be transmitted to one separate department or to all departments throughout the building.

ART GALLERY The art gallery which has been modeled after some of the most famous salons in the world, is lighted by indirect, recessed lighting. It is used to display visiting exhibits and the work of Mesa College students. The art work room is equipped with special tables, busts, casts, and other equipment necessary to art study.

AUDITORIUM-GYMNASIUM The acoustically treated, air-conditioned auditorium-gymnasium is an architectural marvel. As well as being practical, the room is artistically designed and carries out the color motif of the entire building. The walls are paneled in mahogany, and the acoustic board ceiling is designed to harmonize with the wall paneling. Recessed lights flush with the ceiling provide shadowless light.

At one end of the room is a well equipped stage complete with cyclorama, lights, and sound system. The concert curtains are of jade and gold that harmonize with the decorative wall frieze. At the opposite end is the projection booth used for showing visual education pictures.

The room can easily be transformed to serve the purposes of either an auditorium or gymnasium. Four hundred and fifty individual seats are in the balcony. For stage performances 850 additional upholstered folding chairs can be placed on the main floor.

CLASS ROOMS The comfortable class rooms vary in size according to their need. All of them have the best of lighting and ventilation.

CONCERT HALL One of the most attractive rooms in the building is the music concert room which is set off from the other departments and is sound proof. Various leveled platforms are used for both the band and orchestra ensembles. Over 100 musicians can be accommodated in the Hall.

HOME ECONOMICS Three rooms are devoted to the home economics department. The kitchen, ultra-modern in every detail, includes six electric ranges, a large electrical refrigeration unit, work tables, and cupboards. The sewing room is equipped with a rollaway bed, sewing machines, and work tables. The model dining room is furnished to permit the serving of full-course dinners.

LIBRARY The air-conditioned, well lighted library can easily accommodate 150 students. The open stack system is used enabling the student to select his own books. Students who are not familiar with the cataloging system are assisted by the librarian or assistant librarians.

The library now has 7,000 volumes and a wide selection of current magazines. In the fall of 1934, the College received the William and Hattie Murr bequest; and in 1937, a three-year grant from the Carnegie endowment, totaling \$3,000.

Curriculum

Preparatory

ADVANCED COLLEGE STUDY The curriculums outlined in the following section and known as **PREPARATORY CURRICULUMS** meet the requirements of most universities and senior colleges. Those students who are planning to transfer credits for advanced standing are cautioned to take the courses suggested in the particular curriculum in which they are interested.

The **LIBERAL ARTS CURRICULUM** is designed for those students who have not definitely decided upon the field of their major work.

Entrance into the engineering curriculums presupposes the completion of the following high school subjects: elementary algebra, advanced algebra, plane and solid geometry, physics, chemistry, and mechanical drawing.

Upon completion of a teacher training curriculum and upon receipt of the President's recommendation, a teaching permit may be received by the student that entitles him to teach for one year in the public schools of Colorado.

BUSINESS ADMINISTRATION CURRICULUM

Freshman Year

Fall Quarter

COURSE	No.	Hrs.
Freshman English—Eng. 1	1	3
Economic Hist. of Eng.—Hist. 11	1	3
Mathematics—Math. 1	1	3
Foreign Language		5
Orientation—S. Sci. 1	1	1
Physical Education—PEM-W. 1	1	1

Total16

Winter Quarter

Freshman English—Eng. 2	3
Economic Hist. of U. S.—Hist. 12	3
Mathematics—Math. 2	3
Foreign Language	5
Orientation—S. Sci. 2	1
Physical Education—PEM-W. 2	1

Total16

Spring Quarter

Freshman English—Eng. 3	3
Economic Hist. of U. S.—Hist. 13	3
Mathematics—Math. 3	3
Foreign Language	5
Orientation—S. Sci. 3	1
Physical Education—PEM-W. 3	1

Total16

Sophomore Year

Fall Quarter

COURSE	No.	Hrs.
General Psychology—Psych. 51	1	3
Principles of Economics—Econ. 51	1	3
Accounting—B. Ed. 51	1	3
Zoology—Zool. 1	1	3
Physical Education—PEM-W. 51	1	1
Elective		3

Total16

Winter Quarter

General Psychology—Psych. 52	3
Principles of Economics—Econ. 52	3
Accounting—B. Ed. 52	3
Zoology—Zool. 2	3
Physical Education—PEM-W. 52	1
Elective	3

Total16

Spring Quarter

Mental Hygiene—Psych. 53	3
Principles of Economics—Econ. 53	3
Accounting—B. Ed. 53	3
Zoology—Zool. 3	3
Physical Education—PEM-W. 53	1
Elective	3

Total16

CIVIL SERVICE CURRICULUM

Freshman Year

Fall Quarter

COURSE	No.	Hrs.
Freshman English—Eng. 1	1	3
Physical Geology—Geol. 1	1	5
Foreign Language		5
Orientation—S. Sci. 1	1	1
Physical Education—PEM-W. 1	1	1
Elective		1
Total		16

Winter Quarter

Freshman English—Eng. 2	2	3
Structural Geology—Geol. 2	2	5
Foreign Language		5
Orientation—S. Sci. 2	2	1
Physical Education—PEM-W. 2	2	1
Elective		1
Total		16

Spring Quarter

Freshman English—Eng. 3	3	3
Historical Geology—Geol. 3	3	5
Foreign Language		5
Orientation—S. Sci. 3	3	1
Physical Education—PEM-W. 3	3	1
Elective		1
Total		16

Sophomore Year

Fall Quarter

COURSE	No.	Hrs.
Mathematics—Math. 1	1	3
History of U. S.—Hist. 51	51	3
Accounting—B. Ed. 51	51	3
Intro. to Fiction—E. Lit. 11	11	3
Engineering Drawing—M. Dr. 1	1	3
Physical Education—PEM-W. 51	51	1
Total		16

Winter Quarter

Mathematics—Math. 2	2	3
History of U. S.—Hist. 52	52	3
Accounting—B. Ed. 52	52	3
Intro. to Poetry—E. Lit. 12	12	3
Engineering Drawing—M. Dr. 2	2	3
Physical Education—PEM-W. 52	52	1
Total		16

Spring Quarter

Mathematics—Math. 3	3	3
History of U. S.—Hist. 53	53	3
Accounting—B. Ed. 53	53	3
Intro. to Drama—E. Lit. 13	13	3
Engineering Drawing—M. Dr. 3	3	3
Physical Education—PEM-W. 53	53	1
Total		16

HOME ECONOMICS CURRICULUM

Freshman Year

Fall Quarter

COURSE	No.	Hrs.
Freshman English—Eng. 1	1	3
Color and Design—Art 11	11	3
Inorganic Chemistry—Chem. 1	1	4
Clothing and Textiles—H. E. 1	1	3
Mathematics—Math. 1	1	3
Orientation—S. Sci. 1	1	1
Physical Education—PEM-W. 1	1	1
Total		18

Winter Quarter

Freshman English—Eng. 2	2	3
Color and Design—Art 12	12	3
Inorganic Chemistry—Chem. 2	2	4
Clothing and Textiles—H. E. 2	2	3
Mathematics—Math. 2	2	3
Orientation—S. Sci. 2	2	1
Physical Education—PEM-W. 2	2	1
Total		19

Spring Quarter

Freshman English—Eng. 3	3	3
Color and Design—Art 13	13	3
Inorganic Chemistry—Chem. 3	3	4
Clothing and Textiles—H. E. 3	3	3
Mathematics—Math. 3	3	3
Orientation—S. Sci. 3	3	1
Physical Education—PEM-W. 3	3	1
Total		18

Sophomore Year

Fall Quarter

COURSE	No.	Hrs.
Cost. Des. & Constr.—H. E. 5	5	3
Food Sel. & Prep.—H. E. 51	51	3
Foreign Language		5
General Psychology—Psych. 51	51	3
Physical Education—PEM-W. 51	51	1
Elective		1
Total		16

Winter Quarter

Cost. Des. & Constr.—H. E. 6	6	3
Food Sel. & Prep.—H. E. 52	52	3
Foreign Language		5
General Psychology—Psych. 52	52	3
Physical Education—PEM-W. 52	52	1
Elective		1
Total		16

Spring Quarter

Cost. Des. & Constr.—H. E. 7	7	3
Food Sel. & Prep.—H. E. 53	53	3
Foreign Language		5
Mental Hygiene—Psych. 53	53	3
Physical Education—PEM-W. 53	53	1
Elective		1
Total		16

LIBERAL ARTS CURRICULUM

Freshman Year

Fall Quarter

COURSE	No.	Hrs.
Freshman English—Eng. 1	1	3
Foreign Language	1	5
Personal Hygiene—Hyg. 1	1	3
Modern European History—Hist. 1	1	3
Orientation—S. Sci. 1	1	1
Physical Education—PEM-W. 1	1	1
Total		16

Winter Quarter

Freshman English—Eng. 2	1	3
Foreign Language	1	5
Pub. & Comm. Hyg.—Hyg. 2	1	3
Modern European History—Hist. 2	1	3
Orientation—S. Sci. 2	1	1
Physical Education—PEM-W. 2	1	1
Total		16

Spring Quarter

Freshman English—Eng. 3	1	3
Foreign Language	1	5
Public School Hygiene—Hyg. 3	1	3
Modern European History—Hist. 3	1	3
Orientation—S. Sci. 3	1	1
Physical Education—PEM-W. 3	1	1
Total		16

Sophomore Year

Fall Quarter

COURSE	No.	Hrs.
History of U. S.—Hist. 51	1	3
Mathematics—Math. 1	1	3
Inorganic Chemistry—Chem. 1	1	4
Physical Education—PEM-W. 51	1	1
Elective	1	5
Total		16

Winter Quarter

History of U. S.—Hist. 52	1	3
Mathematics—Math. 2	1	3
Inorganic Chemistry—Chem. 2	1	4
Physical Education—PEM-W. 52	1	1
Elective	1	5
Total		16

Spring Quarter

History of U. S.—Hist. 53	1	3
Mathematics—Math. 3	1	3
Inorganic Chemistry—Chem. 3	1	4
Physical Education—PEM-W. 53	1	1
Elective	1	5
Total		16

PHYSICAL EDUCATION CURRICULUM

Freshman Year

Fall Quarter

COURSE	No.	Hrs.
Freshman English—Eng. 1	1	3
Zoology—Zool. 1	1	3
Mathematics—Math. 1	1	3
Foreign Language	1	5
Orientation—S. Sci. 1	1	1
Physical Education—PEM-W. 1	1	1
Total		16

Winter Quarter

Freshman English—Eng. 2	1	3
Zoology—Zool. 2	1	3
Mathematics—Math. 2	1	3
Foreign Language	1	5
Orientation—S. Sci. 2	1	1
Physical Education—PEM-W. 2	1	1
Total		16

Spring Quarter

Freshman English—Eng. 3	1	3
Zoology—Zool. 3	1	3
Mathematics—Math. 3	1	3
Foreign Language	1	5
Orientation—S. Sci. 3	1	1
Physical Education—PEM-W. 3	1	1
Total		16

Sophomore Year

Fall Quarter

COURSE	No.	Hrs.
General Psychology—Psych. 51	1	3
Personal Hygiene—Hyg. 1	1	3
Inorganic Chemistry—Chem. 1	1	4
Intro. to Fiction—E. Lit. 11	1	3
Public Speaking—Eng. 11	1	2
Physical Education—PEM-W. 51	1	1
Total		18

Winter Quarter

General Psychology—Psych. 52	1	3
Pub. & Comm. Hyg.—Hyg. 2	1	3
Inorganic Chemistry—Chem. 2	1	4
Intro. to Poetry—E. Lit. 12	1	3
Public Speaking—Eng. 12	1	2
Physical Education—PEM-W. 52	1	1
Total		16

Spring Quarter

Montal Hygiene—Psych. 53	1	3
Public School Hygiene—Hyg. 3	1	3
Inorganic Chemistry—Chem. 3	1	4
Intro. to Drama—E. Lit. 13	1	3
Public Speaking—Eng. 13	1	2
Physical Education—PEM-W. 53	1	1
Total		16

JUNIOR-SENIOR HIGH SCHOOL TEACHING CURRICULUM

Freshman Year

Fall Quarter

COURSE	No.	Hrs.
Freshman English—Eng. 1	1	3
Inorganic Chemistry—Chem. 1	1	4
Foreign Language		5
Mathematics—Math. 1	1	3
Orientation—S. Sci. 1	1	1
Physical Education—PEM-W. 1	1	1
Total		17

Winter Quarter

Freshman English—Eng. 2	2	3
Inorganic Chemistry—Chem. 2	2	4
Foreign Language		5
Mathematics—Math. 2	2	3
Orientation—S. Sci. 2	2	1
Physical Education—PEM-W. 2	2	1
Total		17

Spring Quarter

Freshman English—Eng. 3	3	3
Inorganic Chemistry—Chem. 3	3	4
Foreign Language		5
Mathematics—Math. 3	3	3
Orientation—S. Sci. 3	3	1
Physical Education—PEM-W. 3	3	1
Total		17

Sophomore Year

Fall Quarter

COURSE	No.	Hrs.
General Psychology—Psych. 51	1	3
Intro. to Education—Ed. 51	1	3
Hist. Anc. & Mod. Ed.—Ed. 61	1	3
Physical Education—PEM-W. 51	1	1
Elective		6
Total		16

Winter Quarter

General Psychology—Psych. 52	2	3
Classroom Management—Ed. 52	2	3
Hist. of Modern Ed.—Ed. 62	2	3
Physical Education—PEM-W. 52	2	1
Elective		6
Total		16

Spring Quarter

Mental Hygiene—Psych. 53	3	3
El. Inst. Methods—Ed. 53	3	3
Educational Psychology—Psych. 54	3	3
Physical Education—PEM-W. 53	3	1
Elective		6
Total		16

PRIMARY—GRADE SCHOOL TEACHING CURRICULUM

Freshman Year

Fall Quarter

COURSE	No.	Hrs.
Freshman English—Eng. 1	1	3
Zoology—Zool. 1	1	3
Mathematics—Math. 1	1	3
Orientation—S. Sci. 1	1	1
Physical Education—PEM-W. 1	1	1
Elective		5
Total		16

Winter Quarter

Freshman English—Eng. 2	2	3
Zoology—Zool. 2	2	3
Mathematics—Math. 2	2	3
Orientation—S. Sci. 2	2	1
Physical Education—PEM-W. 2	2	1
Elective		5
Total		16

Spring Quarter

Freshman English—Eng. 3	3	3
Zoology—Zool. 3	3	3
Mathematics—Math. 3	3	3
Orientation—S. Sci. 3	3	1
Physical Education—PEM-W. 3	3	1
Elective		5
Total		16

Sophomore Year

Fall Quarter

COURSE	No.	Hrs.
General Psychology—Psych. 51	1	3
Intro. to Education—Ed. 51	1	3
Hist. Anc. Med. Ed.—Ed. 61	1	3
Practice Teaching—Ec. 51	1	2
Physical Education—PEM-W. 51	1	1
Elective		4
Total		16

Winter Quarter

General Psychology—Psych. 52	2	3
Classroom Management—Ed. 52	2	3
Hist. of Modern Ed.—Ed. 62	2	3
Practice Teaching—Ed. 52	2	2
Physical Education—PEM-W. 52	2	1
Elective		4
Total		16

Spring Quarter

Mental Hygiene—Psych. 53	3	3
Methods of El. Inst.—Ed. 53	3	3
Educational Psychology—Psych. 54	3	3
Practice Teaching—Ed. 53	3	2
Physical Education—PEM-W. 53	3	1
Elective		4
Total		16

SOCIAL STUDIES TEACHING CURRICULUM

Freshman Year

Fall Quarter

COURSE	No.	Hrs.
Freshman English—Eng. 1	1	3
Modern European History—Hist. 1	1	3
Foreign Language	1	5
Mathematics—Math. 1	1	3
Orientation—S. Sci. 1	1	1
Physical Education—PEM-W. 1	1	1
Total		16

Winter Quarter

Freshman English—Eng. 2	1	3
Modern European History—Hist. 2	1	3
Foreign Language	1	5
Mathematics—Math. 2	1	3
Orientation—S. Sci. 2	1	1
Physical Education—PEM-W. 2	1	1
Total		16

Spring Quarter

Freshman English—Eng. 3	1	3
Modern European History—Hist. 3	1	3
Foreign Language	1	5
Mathematics—Math. 3	1	3
Orientation—S. Sci. 3	1	1
Physical Education—PEM-W. 3	1	1
Total		16

Sophomore Year

Fall Quarter

COURSE	No.	Hrs.
General Psychology—Psych. 51	1	3
Hist. Anc. Med. Ed.—Ed. 61	1	3
Zoology—Zool. 1	1	3
History of U. S.—Hist. 51	1	3
Economic Hist. of Eng.—Hist. 11	1	3
Physical Education—PEM-W. 61	1	1
Total		16

Winter Quarter

General Psychology—Psych. 52	1	3
Hist. of Modern Ed.—Ed. 52	1	3
Zoology—Zool. 2	1	3
Economic Hist. of U. S.—Hist. 12	1	3
Economic Hist. of U. S.—Hist. 12	1	3
Physical Education—PEM-W. 52	1	1
Total		16

Spring Quarter

Mental Hygiene—Psych. 53	1	3
Educational Psychology—Psych. 54	1	3
Zoology—Zool. 3	1	3
History of U. S.—Hist. 53	1	3
Economic Hist. of U. S.—Hist. 13	1	3
Physical Education—PEM-W. 53	1	1
Total		16

SCIENCE TEACHING CURRICULUM

Freshman Year

Fall Quarter

COURSE	No.	Hrs.
Freshman English—Eng. 1	1	3
Inorganic Chemistry—Chem. 1	1	4
Elementary German—Germ. 1	1	5
College Algebra—Math. 11	1	5
Orientation—S. Sci. 1	1	1
Physical Education—PEM-W. 1	1	1
Total		19

Winter Quarter

Freshman English—Eng. 2	1	3
Inorganic Chemistry—Chem. 2	1	4
Elementary German—Germ. 2	1	5
Trigonometry—Math. 12	1	5
Orientation—S. Sci. 2	1	1
Physical Education—PEM-W. 2	1	1
Total		19

Spring Quarter

Freshman English—Eng. 3	1	3
Inorganic Chemistry—Chem. 3	1	4
Intermediate German—Germ. 3	1	5
Analytical Geometry—Math. 13	1	5
Orientation—S. Sci. 3	1	1
Physical Education—PEM-W. 3	1	1
Total		19

Sophomore Year

Fall Quarter

COURSE	No.	Hrs.
General Psychology—Psych. 51	1	3
Hist. Anc. Med. Ed.—Ed. 61	1	3
General Physics—Phys. 51	1	5
Physical Geology—Geol. 1	1	5
Physical Education—PEM-W. 51	1	1
Total		17

Winter Quarter

General Psychology—Psych. 52	1	3
Hist. of Modern Ed.—Ed. 62	1	3
General Physics—Phys. 52	1	5
Structural Geology—Geol. 2	1	5
Physical Education—PEM-W. 52	1	1
Total		17

Spring Quarter

Mental Hygiene—Psych. 53	1	3
Educational Psychology—Psych. 54	1	3
General Physics—Phys. 53	1	5
Historical Geology—Geol. 3	1	5
Physical Education—PEM-W. 53	1	1
Total		17

ARCHITECTURAL ENGINEERING CURRICULUM

Freshman Year

Fall Quarter

COURSE	No.	Hrs.
Freshman English—Eng. 1	1	3
College Algebra—Math. 11	1	5
Inorganic Chemistry—Chem. 1	1	4
Engineering Drawing—M. Dr. 1	1	3
Orientation—S. Sci. 1	1	1
Physical Education—PEM-W. 1	1	1
Total		17

Winter Quarter

Freshman English—Eng. 2	2	3
Trigonometry—Math. 12	2	5
Inorganic Chemistry—Chem. 2	2	4
Engineering Drawing—M. Dr. 2	2	4
Orientation—S. Sci. 2	2	1
Physical Education—PEM-W. 2	2	1
Total		17

Spring Quarter

Freshman English—Eng. 3	3	3
Analytical Geometry—Math. 13	3	5
Inorganic Chemistry—Chem. 3	3	4
Engineering Drawing—M. Dr. 3	3	3
Orientation—S. Sci. 3	3	1
Physical Education—PEM-W. 3	3	1
Total		17

Sophomore Year

Fall Quarter

COURSE	No.	Hrs.
Calculus—Math. 51	51	5
General Physics—Phys. 51	51	5
Freehand Drawing—Art 1	1	2
Physical Education—PEM-W. 51	51	1
Elective		3
Total		16

Winter Quarter

Calculus—Math. 52	52	5
General Physics—Phys. 52	52	5
Freehand Drawing—Art 2	2	2
Physical Education—PEM-W. 52	52	1
Elective		3
Total		16

Spring Quarter

Calculus—Math. 53	53	5
General Physics—Phys. 53	53	5
Freehand Drawing—Art 3	3	2
Physical Education—PEM-W. 53	53	1
Elective		3
Total		16

CHEMICAL ENGINEERING CURRICULUM

Freshman Year

Fall Quarter

COURSE	No.	Hrs.
Freshman English—Eng. 1	1	3
College Algebra—Math. 11	1	5
Inorganic Chemistry—Chem. 1	1	4
Engineering Drawing—M. Dr. 1	1	3
Orientation—S. Sci. 1	1	1
Physical Education—PEM-W. 1	1	1
Total		17

Winter Quarter

Freshman English—Eng. 2	2	3
Trigonometry—Math. 12	2	5
Inorganic Chemistry—Chem. 2	2	4
Engineering Drawing—M. Dr. 2	2	3
Orientation—S. Sci. 2	2	1
Physical Education—PEM-W. 2	2	1
Total		17

Spring Quarter

Freshman English—Eng. 3	3	3
Analytical Geometry—Math. 13	3	5
Inorganic Chemistry—Chem. 3	3	4
Engineering Drawing—M. Dr. 3	3	3
Orientation—S. Sci. 3	3	1
Physical Education—PEM-W. 3	3	1
Total		17

Sophomore Year

Fall Quarter

COURSE	No.	Hrs.
Calculus—Math. 51	51	5
General Physics—Phys. 51	51	5
Organic Chemistry—Chem. 51	51	4
Physical Education—PEM-W. 51	51	1
Elective		1
Total		16

Winter Quarter

Calculus—Math. 52	52	5
General Physics—Phys. 52	52	5
Organic Chemistry—Chem. 52	52	4
Physical Education—PEM-W. 52	52	1
Elective		1
Total		16

Spring Quarter

Calculus—Math. 53	53	5
General Physics—Phys. 53	53	5
Organic Chemistry—Chem. 53	53	4
Physical Education—PEM-W. 53	53	1
Elective		1
Total		16

CIVIL ENGINEERING CURRICULUM

Freshman Year

Fall Quarter

COURSE	No.	Hrs.
Freshman English--Eng. 1	1	3
College Algebra--Math. 11	11	5
Inorganic Chemistry--Chem. 1	1	4
Engineering Drawing--M. Dr. 1	1	3
Orientation--S. Sci. 1	1	1
Physical Education--PEM-W. 1	1	1
Total		17

Winter Quarter

Freshman English--Eng. 2	2	3
Trigonometry--Math. 12	12	5
Inorganic Chemistry--Chem. 2	2	4
Engineering Drawing--M. Dr. 2	2	3
Orientation--S. Sci. 2	2	1
Physical Education--PEM-W. 2	2	1
Total		17

Spring Quarter

Freshman English--Eng. 3	3	3
Analytical Geometry--Math. 13	13	5
Inorganic Chemistry--Chem. 3	3	4
Engineering Drawing--M. Dr. 3	3	3
Orientation--S. Sci. 3	3	1
Physical Education--PEM-W. 3	3	1
Total		17

Sophomore Year

Fall Quarter

COURSE	No.	Hrs.
Calculus--Math. 51	51	5
General Physics--Phys. 51	51	5
Principles of Economics--Econ. 51	51	3
Physical Education--PEM-W. 51	51	1
Elective		2
Total		16

Winter Quarter

Calculus--Math. 52	52	5
General Physics--Phys. 52	52	5
Principles of Economics--Econ. 52	52	3
Physical Education--PEM-W. 52	52	1
Elective		2
Total		16

Spring Quarter

Calculus--Math. 53	53	5
General Physics--Phys. 53	53	5
Principles of Economics--Econ. 53	53	3
Physical Education--PEM-W. 53	53	1
Elective		2
Total		16

ELECTRICAL ENGINEERING CURRICULUM

Freshman Year

Fall Quarter

COURSE	No.	Hrs.
Freshman English--Eng. 1	1	3
College Algebra--Math. 11	11	5
Inorganic Chemistry--Chem. 1	1	4
Engineering Drawing--M. Dr. 1	1	3
Orientation--S. Sci. 1	1	1
Physical Education--PEM-W. 1	1	1
Total		17

Winter Quarter

Freshman English--Eng. 2	2	3
Trigonometry--Math. 12	12	5
Inorganic Chemistry--Chem. 2	2	4
Engineering Drawing--M. Dr. 2	2	3
Orientation--S. Sci. 2	2	1
Physical Education--PEM-W. 2	2	1
Total		17

Spring Quarter

Freshman English--Eng. 3	3	3
Analytical Geometry--Math. 13	13	5
Inorganic Chemistry--Chem. 3	3	4
Engineering Drawing--M. Dr. 3	3	3
Orientation--S. Sci. 3	3	1
Physical Education--PEM-W. 3	3	1
Total		17

Sophomore Year

Fall Quarter

COURSE	No.	Hrs.
Calculus--Math. 51	51	5
General Physics--Phys. 51	51	5
Principles of Economics--Econ. 51	51	3
Physical Education--PEM-W. 51	51	1
Elective		2
Total		16

Winter Quarter

Calculus--Math. 52	52	5
General Physics--Phys. 52	52	5
Principles of Economics--Econ. 52	52	3
Physical Education--PEM-W. 52	52	1
Elective		2
Total		16

Spring Quarter

Calculus--Math. 53	53	5
General Physics--Phys. 53	53	5
Principles of Economics--Econ. 53	53	3
Physical Education--PEM-W. 53	53	1
Elective		2
Total		16

PRE-DENTISTRY CURRICULUM

Freshman Year

Fall Quarter

COURSE	No.	Hrs.
Freshman English—Eng. 1	1	3
Inorganic Chemistry—Chem. 1	1	4
Mathematics—Math. 1	1	3
Orientation—S. Sci. 1	1	1
Physical Education—PEM-W. 1	1	1
Elective		5
Total		17

Winter Quarter

Freshman English—Eng. 2	1	3
Inorganic Chemistry—Chem. 2	1	4
Mathematics—Math. 2	1	3
Orientation—S. Sci. 2	1	1
Physical Education—PEM-W. 2	1	1
Elective		5
Total		17

Spring Quarter

Freshman English—Eng. 3	1	3
Inorganic Chemistry—Chem. 3	1	4
Mathematics—Math. 3	1	3
Orientation—S. Sci. 3	1	1
Physical Education—PEM-W. 3	1	1
Elective		5
Total		17

Sophomore Year

Fall Quarter

COURSE	No.	Hrs.
Calculus—Math. 51	1	5
General Psychology—Psych. 51	1	3
General Physics—Phys. 51	1	5
Public Speaking—Eng. 11	1	2
Physical Education—PEM-W. 51	1	1
Elective		1
Total		17

Winter Quarter

Calculus—Math. 52	1	5
General Psychology—Psych. 52	1	3
General Physics—Phys. 52	1	5
Public Speaking—Eng. 12	1	2
Physical Education—PEM-W. 52	1	1
Elective		1
Total		17

Spring Quarter

Calculus—Math. 53	1	5
Mental Hygiene—Psych. 53	1	3
General Physics—Phys. 53	1	5
Public Speaking—Eng. 13	1	2
Physical Education—PEM-W. 53	1	1
Elective		1
Total		17

PRE-FORESTRY CURRICULUM

Freshman Year

Fall Quarter

COURSE	No.	Hrs.
Freshman English—Eng. 1	1	3
Inorganic Chemistry—Chem. 1	1	4
Engineering Drawing—M. Dr. 1	1	3
Mathematics—Math. 1	1	3
Physical Education—PEM. 1	1	1
Orientation—S. Sci. 1	1	1
Elective		1
Total		16

Winter Quarter

Freshman English—Eng. 2	1	3
Inorganic Chemistry—Chem. 2	1	4
Engineering Drawing—M. Dr. 2	1	3
Mathematics—Math. 2	1	3
Physical Education—PEM. 2	1	1
Orientation—S. Sci. 2	1	1
Elective		1
Total		16

Spring Quarter

Freshman English—Eng. 3	1	3
Inorganic Chemistry—Chem. 3	1	4
Engineering Drawing—M. Dr. 3	1	3
Mathematics—Math. 3	1	3
Physical Education—PEM. 3	1	1
Orientation—S. Sci. 3	1	1
Elective		1
Total		16

Sophomore Year

Fall Quarter

COURSE	No.	Hrs.
General Psychology—Psych. 51	1	3
Physical Geology—Geol. 1	1	3
Principles of Economics—Econ. 51	1	3
General Physics—Phys. 51	1	5
Physical Education—PEM. 51	1	1
Total		17

Winter Quarter

General Psychology—Psych. 52	1	3
Structural Geology—Geol. 2	1	3
Principles of Economics—Econ. 52	1	3
General Physics—Phys. 52	1	5
Physical Education—PEM. 52	1	1
Total		17

Spring Quarter

Mental Hygiene—Psych. 53	1	3
Historical Geology—Geol. 3	1	3
Principles of Economics—Econ. 53	1	3
General Physics—Phys. 53	1	5
Physical Education—PEM. 53	1	1
Total		17

PRE-JOURNALISM CURRICULUM

Freshman Year

Fall Quarter

COURSE	No.	Hrs.
Freshman English—Eng. 1	1	3
Foreign Language	1	5
American Government—P. Sci. 1	1	3
Survey of Journalism—Eng. 31	1	2
Orientation—S. Sci. 1	1	1
Physical Education—PEM-W. 1	1	1
Elective	1	1
Total		16

Winter Quarter

Freshman English—Eng. 2	2	3
Foreign Language	2	5
American Government—P. Sci. 2	2	3
Survey of Journalism—Eng. 32	2	2
Orientation—S. Sci. 2	2	1
Physical Education—PEM-W. 2	2	1
Elective	1	1
Total		16

Spring Quarter

Freshman English—Eng. 3	3	3
Foreign Language	3	6
American Government—P. Sci. 3	3	3
Survey of Journalism—Eng. 33	3	2
Orientation—S. Sci. 3	3	1
Physical Education—PEM-W. 3	3	1
Elective	1	1
Total		16

Sophomore Year

Fall Quarter

COURSE	No.	Hrs.
Intro. to Fiction—E. Lit. 11	1	3
General Psychology—Psych. 51	1	3
Principles of Economics—Econ. 51	1	3
History of U. S.—Hist. 51	1	3
Advanced Journalism—Eng. 81	1	2
Physical Education—PEM-W. 51	1	1
Elective	1	1
Total		16

Winter Quarter

Intro. to Poetry—E. Lit. 12	2	3
General Psychology—Psych. 52	2	3
Principles of Economics—Econ. 52	2	3
History of U. S.—Hist. 52	2	3
Advanced Journalism—Eng. 82	2	2
Physical Education—PEM-W. 52	2	1
Elective	1	1
Total		16

Spring Quarter

Intro. to Drama—E. Lit. 13	3	2
Mental Hygiene—Psych. 53	3	3
Principles of Economics—Econ. 53	3	3
History of U. S.—Hist. 53	3	3
Advanced Journalism—Eng. 83	3	2
Physical Education—PEM-W. 53	3	1
Elective	1	1
Total		16

PRE-LAW CURRICULUM

Freshman Year

Fall Quarter

COURSE	No.	Hrs.
Freshman English—Eng. 1	1	3
American Government—P. Sci. 1	1	3
Modern European History—Hist. 1	1	3
Foreign Language	1	5
Orientation—S. Sci. 1	1	1
Physical Education—PEM-W. 1	1	1
Total		16

Winter Quarter

Freshman English—Eng. 2	2	3
American Government—P. Sci. 2	2	3
Modern European History—Hist. 2	2	3
Foreign Language	2	5
Orientation—S. Sci. 2	2	1
Physical Education—PEM-W. 2	2	1
Total		16

Spring Quarter

Freshman English—Eng. 3	3	3
American Government—P. Sci. 3	3	3
Modern European History—Hist. 3	3	3
Foreign Language	3	5
Orientation—S. Sci. 3	3	1
Physical Education—PEM-W. 3	3	1
Total		16

Sophomore Year

Fall Quarter

COURSE	No.	Hrs.
General Psychology—Psych. 51	1	3
History of U. S.—Hist. 51	1	3
Principles of Economics—Econ. 51	1	3
Economic Hist. of U. S.—Hist. 11	1	3
Public Speaking—Eng. 11	1	2
Physical Education—PEM-W. 51	1	1
Elective	1	1
Total		16

Winter Quarter

General Psychology—Psych. 52	2	3
History of U. S.—Hist. 52	2	3
Principles of Economics—Econ. 52	2	3
Economic Hist. of U. S.—Hist. 12	2	3
Public Speaking—Eng. 12	2	2
Physical Education—PEM-W. 52	2	1
Elective	1	1
Total		16

Spring Quarter

Mental Hygiene—Psych. 53	3	3
History of U. S.—Hist. 53	3	3
Principles of Economics—Econ. 53	3	3
Economic Hist. of U. S.—Hist. 13	3	3
Public Speaking—Eng. 13	3	2
Physical Education—PEM-W. 53	3	1
Elective	1	1
Total		16

PRE-MEDICAL CURRICULUM

Freshman Year

Fall Quarter

COURSE	No.	Hrs.
Freshman English—Eng. 1	1	3
Inorganic Chemistry—Chem. 1	1	4
Mathematics—Math. 1	1	3
Elementary German—Germ. 1	1	6
Orientation—S. Sci. 1	1	1
Physical Education—PEM-W. 1	1	1
Total		17

Winter Quarter

Freshman English—Eng. 2	2	3
Inorganic Chemistry—Chem. 2	2	4
Mathematics—Math. 2	2	3
Elementary German—Germ. 2	2	5
Orientation—S. Sci. 2	2	1
Physical Education—PEM-W. 2	2	1
Total		17

Spring Quarter

Freshman English—Eng. 3	3	3
Inorganic Chemistry—Chem. 3	3	4
Mathematics—Math. 3	3	3
Intermediate German—Germ. 3	3	5
Orientation—S. Sci. 3	3	1
Physical Education—PEM-W. 3	3	1
Total		17

Sophomore Year

Fall Quarter

COURSE	No.	Hrs.
Organic Chemistry—Chem. 51	51	4
General Psychology—Psych. 51	51	3
General Physics—Phys. 51	51	6
Public Speaking—Eng. 11	11	2
Physical Education—PEM-W. 51	51	1
Elective		1
Total		16

Winter Quarter

Organic Chemistry—Chem. 52	52	4
General Psychology—Psych. 52	52	3
General Physics—Phys. 52	52	5
Public Speaking—Eng. 12	12	2
Physical Education—PEM-W. 52	52	1
Elective		1
Total		18

Spring Quarter

Organic Chemistry—Chem. 53	53	4
Mental Hygiene—Psych. 53	53	3
General Physics—Phys. 53	53	5
Public Speaking—Eng. 13	13	2
Physical Education—PEM-W. 53	53	1
Elective		1
Total		16

PRE-MINISTRY CURRICULUM

Freshman Year

Fall Quarter

COURSE	No.	Hrs.
Freshman English—Eng. 1	1	3
Intro. to Sociology—Soc. 1	1	2
Elementary French—Fr. 1	1	5
Orientation—S. Sci. 1	1	1
Physical Education—PEM W. 1	1	1
Elective		4
Total		16

Winter Quarter

Freshman English—Eng. 2	2	3
The Family—Soc. 2	2	2
Elementary French—Fr. 2	2	5
Orientation—S. Sci. 2	2	1
Physical Education—PEM-W. 2	2	1
Elective		4
Total		16

Spring Quarter

Freshman English—Eng. 3	3	3
Rural Sociology—Soc. 3	3	2
Intermediate French—Fr. 3	3	5
Orientation—S. Sci. 3	3	1
Physical Education—PEM-W. 3	3	1
Elective		4
Total		16

Sophomore Year

Fall Quarter

COURSE	No.	Hrs.
Survey of English Lit.—E. Lit. 51	51	3
General Psychology—Psych. 51	51	2
Public Speaking—Eng. 11	11	2
History of U. S.—Hist. 51	51	3
Physical Education—PEM W. 51	51	1
Elective		4
Total		16

Winter Quarter

Survey of English Lit.—E. Lit. 52	52	3
General Psychology—Psych. 52	52	3
Public Speaking—Eng. 12	12	2
History of U. S.—Hist. 52	52	3
Physical Education—PEM-W. 52	52	1
Elective		4
Total		16

Spring Quarter

Survey of English Lit.—E. Lit. 53	53	3
Mental Hygiene—Psych. 53	53	3
Public Speaking—Eng. 13	13	2
History of U. S.—Hist. 53	53	3
Physical Education—PEM-W. 53	53	1
Elective		4
Total		16

PRE-NURSING CURRICULUM

Freshman Year

Fall Quarter

COURSE	No.	Hrs.
Freshman English—Eng. 1	1	3
Inorganic Chemistry—Chem. 1	1	4
Mathematics—Math. 1	1	3
Elementary German—Germ. 1	1	5
Orientation—S. Sci. 1	1	1
Physical Education—PEW. 1	1	1
Total		17

Winter Quarter

Freshman English—Eng. 2	2	3
Inorganic Chemistry—Chem. 2	2	4
Mathematics—Math. 2	2	3
Elementary German—Germ. 2	2	5
Orientation—S. Sci. 2	2	1
Physical Education—PEW. 2	2	1
Total		17

Spring Quarter

Freshman English—Eng. 3	3	3
Inorganic Chemistry—Chem. 3	3	4
Mathematics—Math. 3	3	3
Intermediate German—Germ. 3	3	5
Orientation—S. Sci. 3	3	1
Physical Education—PEW. 3	3	1
Total		17

Sophomore Year

Fall Quarter

COURSE	No.	Hrs.
Organic Chemistry—Chem. 61	1	4
General Psychology—Psych. 51	1	3
General Physics—Phys. 51	1	5
Physical Education—PEW. 51	1	1
Elective		2
Total		16

Winter Quarter

Organic Chemistry—Chem. 52	2	4
General Psychology—Psych. 52	2	3
General Physics—Phys. 52	2	5
Physical Education—PEW. 52	2	1
Elective		3
Total		16

Spring Quarter

Organic Chemistry—Chem. 53	3	4
Mental Hygiene—Psych. 53	3	3
General Physics—Phys. 53	3	5
Physical Education—PEW. 53	3	1
Elective		3
Total		16

PRE-PHARMACY CURRICULUM

Freshman Year

Fall Quarter

COURSE	No.	Hrs.
Freshman English—Eng. 1	1	3
Inorganic Chemistry—Chem. 1	1	4
Zoology—Zool. 1	1	3
Elementary German—Germ. 1	1	5
Orientation—S. Sci. 1	1	1
Physical Education—PEM-W. 1	1	1
Total		17

Winter Quarter

Freshman English—Eng. 2	2	3
Inorganic Chemistry—Chem. 2	2	4
Zoology—Zool. 2	2	3
Elementary German—Germ. 2	2	5
Orientation—S. Sci. 2	2	1
Physical Education—PEM-W. 2	2	1
Total		17

Spring Quarter

Freshman English—Eng. 3	3	3
Inorganic Chemistry—Chem. 3	3	4
Zoology—Zool. 3	3	3
Intermediate German—Germ. 3	3	5
Orientation—S. Sci. 3	3	1
Physical Education—PEM-W. 3	3	1
Total		17

Sophomore Year

Fall Quarter

COURSE	No.	Hrs.
General Psychology—Psych. 51	1	3
Personal Hygiene—Hyg. 1	1	3
Organic Chemistry—Chem. 51	1	4
Mathematics—Math. 1	1	3
Physical Education—PEM-W. 51	1	1
Elective		2
Total		16

Winter Quarter

General Psychology—Psych. 52	2	3
Pub. & Comm. Hygiene—Hyg. 2	2	3
Organic Chemistry—Chem. 52	2	4
Mathematics—Math. 2	2	3
Physical Education—PEM-W. 52	2	1
Elective		2
Total		19

Spring Quarter

Mental Hygiene—Psych. 53	3	3
Public School Hygiene—Hyg. 3	3	3
Organic Chemistry—Chem. 53	3	4
Mathematics—Math. 3	3	3
Physical Education—PEM-W. 53	3	1
Elective		2
Total		16

Terminal

JOB TRAINING CURRICULUMS The curriculums outlined in the following section and known as **TERMINAL CURRICULUMS** are designed to fit the needs of the students who plan to take only one or two years of college work and then enter some field of gainful employment.

The twenty-one curriculums outlined in this section represent the general fields of employment. Instruction in the courses listed stresses training that may be utilized in an employment field as soon as the student leaves Mesa College. The curriculums as a unit are not intended to be used in transferring credit to a senior college or university. However, some of the courses in the curriculums can be transferred.

Mesa College's Placement Bureau is in constant contact with employers and helps to place students in their particular field of interest after they have completed their training. The number of students placed in this manner naturally depends upon business conditions.

The **HOMEMAKING CURRICULUM** is planned to give women students training that will help them to become better and more efficient homemakers.

The terminal **LIBERAL ARTS CURRICULUM** is set up to give students a broad and comprehensive background in the various arts, sciences, and literature.

The Vocational Education section in this catalog gives complete information about terminal training opportunities at Mesa College.

AERONAUTICS CURRICULUM

Freshman Year

Fall Quarter

COURSE	No.	Hrs.
Freshman English—Eng. 1	3	5
History of Aviation—Aro. 1	1	5
College Algebra—Math. 11	1	5
Orientation—S. Sci. 1	1	1
Physical Education—PEM-W. 1	1	1
Elective		1
Total		16

Winter Quarter

Freshman English—Eng. 2	3	5
Air Reg. & Meteorology—Aro. 2	1	5
Trigonometry—Math. 12	1	5
Orientation—S. Sci. 2	1	1
Physical Education—PEM-W. 2	1	1
Elective		1
Total		16

Spring Quarter

Freshman English—Eng. 3	3	5
Navig. Engin. & Radio—Aro. 3	1	5
Analytical Geometry—Math. 13	1	5
Orientation—S. Sci. 3	1	1
Physical Education—PEM-W. 3	1	1
Elective		1
Total		16

Sophomore Year

Fall Quarter

COURSE	No.	Hrs.
General Physics—Phys. 51	1	5
Engineering Drawing—M. Dr. 1	1	3
Physical Geology—Geol. 1	1	5
Physical Education—PEM-W. 51	1	1
Elective		2
Total		16

Winter Quarter

General Physics—Phys. 52	1	5
Engineering Drawing—M. Dr. 2	1	3
Structural Geology—Geol. 2	1	6
Physical Education—PEM-W. 52	1	1
Elective		2
Total		16

Spring Quarter

General Physics—Phys. 53	1	5
Engineering Drawing—M. Dr. 3	1	3
Historical Geology—Geol. 3	1	5
Physical Education—PEM-W. 53	1	1
Elective		2
Total		16

AGRICULTURAL CURRICULUM

Freshman Year

Fall Quarter

COURSE	No.	Hrs.
Selec. Fat. Breed. Stock--Ag. 1	1	3
Feeding Farm Animals--Ag. 4	1	3
Farm Mechanics--Ag. 5	2	2
Freshman English--Eng. 1	1	3
Orientation--S. Sci. 1	1	1
Physical Education--PEM-W. 1	1	1
Elective	2	2
Total		16

Winter Quarter

Improv. Farm Livestock--Ag. 2	1	3
Prevent. Treat Ar. Dise.--Ag. 3	1	3
Farm Mechanics--Ag. 9	1	2
Freshman English--Eng. 2	1	3
Orientation--S. Sci. 2	1	1
Physical Education--PEM-W. 2	1	1
Elective	3	3
Total		16

Spring Quarter

Farm Dairying--Ag. 3	1	3
Livestock Management--Ag. 6	1	3
Farm Carpentry--Ag. 10	1	2
Freshman English--Eng. 3	1	3
Orientation--S. Sci. 3	1	1
Physical Education--PEM-W. 3	1	1
Elective	5	5
Total		16

Sophomore Year

Fall Quarter

COURSE	No.	Hrs.
Crop Problems--Ag. 51	1	3
Irrigation Practice--Ag. 54	1	3
Farm Mach. Motor Rep.--Ag. 53	1	2
Public Speaking--Eng. 11	1	3
Personal Hygiene--Hyg. 1	1	3
Physical Education--PEM-W. 51	1	1
Elective	2	2
Total		16

Winter Quarter

Soil Fert. Cons.--Ag. 52	1	3
Farm Bus. Proced.--Ag. 55	1	3
Ag. Engineering--Ag. 59	1	2
Public Speaking--Eng. 12	1	3
Pub. & Comm. Hyg.--Hyg. 2	1	3
Physical Education--PEM-W. 52	1	1
Elective	2	2
Total		16

Spring Quarter

General Horticulture--Ag. 53	1	3
Farm Management--Ag. 56	1	3
Ag. Engineering--Ag. 60	1	2
Public Speaking--Eng. 13	1	3
Public School Hygiene--Hyg. 3	1	3
Rural Sociology--Soc. 3	1	2
Physical Education--PEM-W. 53	1	1
Total		16

ART CURRICULUM

Freshman Year

Fall Quarter

COURSE	No.	Hrs.
Freshman English--Eng. 1	1	3
Freehand Drawing--Art 1	1	2
Color and Design--Art 12	1	2
Orientation--S. Sci. 1	1	1
Physical Education--PEM-W. 1	1	1
Elective	6	6
Total		10

Winter Quarter

Freshman English--Eng. 2	1	3
Freehand Drawing--Art 2	1	2
Color and Design--Art 12	1	2
Orientation--S. Sci. 2	1	1
Physical Education--PEM-W. 2	1	1
Elective	4	4
Total		10

Spring Quarter

Freshman English--Eng. 3	1	3
Freehand Drawing--Art 3	1	2
Color and Design--Art 13	1	2
Orientation--S. Sci. 3	1	1
Physical Education--PEM-W. 3	1	1
Elective	6	6
Total		10

Sophomore Year

Fall Quarter

COURSE	No.	Hrs.
Freehand Drawing--Art 51	1	2
Color and Design--Art 61	1	3
Still Life Painting--Art 71	1	2
Costume Illustration--Art 51	1	2
Modeling--Art 35	1	2
Physical Education--PEM-W. 51	1	1
Elective	6	6
Total		17

Winter Quarter

Freehand Drawing--Art 52	1	2
Color and Design--Art 62	1	3
Still Life Painting--Art 72	1	2
Costume Illustration--Art 52	1	2
Modeling--Art 36	1	2
Physical Education--PEM-W. 52	1	1
Elective	5	5
Total		17

Spring Quarter

Freehand Drawing--Art 53	1	2
Color and Design--Art 63	1	3
Still Life Painting--Art 73	1	2
Costume Illustration--Art 53	1	2
Modeling--Art 37	1	2
Physical Education--PEM-W. 53	1	1
Elective	5	5
Total		17

BUSINESS ASSOCIATE CURRICULUM

Freshman Year

Fall Quarter

COURSE	No.	Hrs.
Business English—B. Ed. 15	15	3
Typewriting—B. Ed. 1	1	3
Business Law—B. Ed. 26	26	3
Economic Hist. of U. S.—Hist. 11	11	3
Bookkeeping—B. Ed. 5	5	3
Orientation—S. Sci. 1	1	1
Physical Education—PEM-W. 1	1	1
Total		17

Winter Quarter

Business English—B. Ed. 16	16	3
Typewriting—B. Ed. 2	2	3
Business Law—B. Ed. 21	21	3
Economic Hist. of U. S.—Hist. 12	12	3
Bookkeeping—B. Ed. 6	6	3
Orientation—S. Sci. 2	2	1
Physical Education—PEM-W. 2	2	1
Total		17

Spring Quarter

Business English—B. Ed. 17	17	3
Typewriting—B. Ed. 3	3	3
Business Law—B. Ed. 22	22	3
Economic Hist. of U. S.—Hist. 13	13	3
Bookkeeping—B. Ed. 7	7	3
Orientation—S. Sci. 3	3	1
Physical Education—PEM-W. 3	3	1
Total		17

Sophomore Year

Fall Quarter

COURSE	No.	Hrs.
Principles of Economics—Econ. 51	51	3
Accounting—B. Ed. 51	51	3
Modern European History—Hist. 1	1	3
Intro. to Fiction—E. Lit. 11	11	3
Public Speaking—Eng. 11	11	2
Physical Education—PEM-W. 51	51	1
Elective		1
Total		16

Winter Quarter

Principles of Economics—Econ. 52	52	3
Accounting—B. Ed. 52	52	3
Modern European History—Hist. 2	2	3
Intro. to Poetry—E. Lit. 12	12	3
Public Speaking—Eng. 12	12	2
Physical Education—PEM-W. 52	52	1
Elective		1
Total		16

Spring Quarter

Principles of Economics—Econ. 53	53	3
Accounting—B. Ed. 53	53	3
Modern European History—Hist. 3	3	3
Intro. to Drama—E. Lit. 13	13	3
Public Speaking—Eng. 13	13	2
Physical Education—PEM-W. 53	53	1
Elective		1
Total		16

CIVIL TECHNICIAN CURRICULUM

Freshman Year

Fall Quarter

COURSE	No.	Hrs.
Freshman English—Eng. 1	1	3
Mathematics—Math. 1	1	3
Modern European History—Hist. 1	1	3
Personal Hygiene—Hyg. 1	1	3
Zoology—Zool. 1	1	3
Orientation—S. Sci. 1	1	1
Physical Education—PEM-W. 1	1	1
Total		17

Winter Quarter

Freshman English—Eng. 2	2	3
Mathematics—Math. 2	2	3
Modern European History—Hist. 2	2	3
Pub. & Comm. Hyg.—Hyg. 2	2	3
Zoology—Zool. 2	2	3
Orientation—S. Sci. 2	2	1
Physical Education—PEM-W. 2	2	1
Total		17

Spring Quarter

Freshman English—Eng. 3	3	3
Mathematics—Math. 3	3	3
Modern European History—Hist. 3	3	3
Public School Hygiene—Hyg. 3	3	3
Zoology—Zool. 3	3	3
Orientation—S. Sci. 3	3	1
Physical Education—PEM-W. 3	3	1
Total		17

Sophomore Year

Fall Quarter

COURSE	No.	Hrs.
Typewriting—B. Ed. 1	1	3
Bookkeeping—B. Ed. 5	5	3
Intro. to Sociology—Soc. 51	51	2
Principles of Economics—Econ. 51	51	3
History of U. S.—Hist. 51	51	3
Public Speaking—Eng. 11	11	2
Physical Education—PEM-W. 51	51	1
Total		17

Winter Quarter

Typewriting—B. Ed. 2	2	3
Bookkeeping—B. Ed. 6	6	3
The Family—Soc. 52	52	2
Principles of Economics—Econ. 52	52	3
History of U. S.—Hist. 52	52	3
Public Speaking—Eng. 12	12	2
Physical Education—PEM-W. 52	52	1
Total		17

Spring Quarter

Typewriting—B. Ed. 3	3	3
Bookkeeping—B. Ed. 7	7	3
Rural Sociology—Soc. 53	53	2
Principles of Economics—Econ. 53	53	3
History of U. S.—Hist. 53	53	3
Public Speaking—Eng. 13	13	2
Physical Education—PEM-W. 53	53	1
Total		17

DENTAL SECRETARY CURRICULUM

Freshman Year

Fall Quarter

COURSE	No.	Hrs.
Freshman English—Eng. 1	1	3
Bookkeeping—B. Ed. 6	1	3
Shorthand—B. Ed. 10	1	3
Personal Hygiene—Hyg. 1	1	3
Zoology—Zool. 1	1	3
Orientation—S. Sci. 1	1	1
Physical Education—PEM-W. 1	1	1
Total		17

Winter Quarter

Freshman English—Eng. 2	1	3
Bookkeeping—B. Ed. 6	1	3
Shorthand—B. Ed. 11	1	3
Pub. & Comm. Hyg.—Hyg. 2	1	3
Zoology—Zool. 2	1	3
Orientation—S. Sci. 2	1	1
Physical Education—PEM-W. 2	1	1
Total		17

Spring Quarter

Freshman English—Eng. 3	1	3
Bookkeeping—B. Ed. 7	1	3
Shorthand—B. Ed. 12	1	3
Public School Hygiene—Hyg. 3	1	3
Zoology—Zool. 3	1	3
Orientation—S. Sci. 3	1	1
Physical Education—PEM-W. 3	1	1
Total		17

Sophomore Year

Fall Quarter

COURSE	No.	Hrs.
General Psychology—Psych. 51	1	3
Bookkeeping—B. Ed. 55	1	3
Shorthand—B. Ed. 60	1	3
Office Practice—B. Ed. 70	1	3
Freehand Drawing—Art 1	1	2
Physical Education—PEM-W. 51	1	1
Elective	1	1
Total		16

Winter Quarter

General Psychology—Psych. 52	1	2
Bookkeeping—B. Ed. 56	1	3
Shorthand—B. Ed. 61	1	3
Office Practice—B. Ed. 71	1	3
Freehand Drawing—Art 2	1	2
Physical Education—PEM-W. 52	1	1
Elective	1	1
Total		16

Spring Quarter

Mental Hygiene—Psych. 53	1	3
Bookkeeping—B. Ed. 57	1	3
Shorthand—B. Ed. 62	1	3
Office Practice—B. Ed. 72	1	3
Freehand Drawing—Art 3	1	2
Physical Education—PEM-W. 53	1	1
Elective	1	1
Total		16

DISTRIBUTIVE OCCUPATION CURRICULUM

Freshman Year

Fall Quarter

COURSE	No.	Hrs.
Business English—B. Ed. 15	1	3
Typewriting—B. Ed. 1	1	3
Bookkeeping—B. Ed. 5	1	3
Related Training—V. Ed. 1	1	5
Orientation—S. Sci. 1	1	1
Physical Education—PEM-W. 1	1	1
Total		16

Winter Quarter

Business English—B. Ed. 14	1	3
Typewriting—B. Ed. 2	1	3
Bookkeeping—B. Ed. 6	1	3
Related Training—V. Ed. 2	1	5
Orientation—S. Sci. 2	1	1
Physical Education—PEM-W. 2	1	1
Total		16

Spring Quarter

Business English—B. Ed. 17	1	3
Typewriting—B. Ed. 3	1	3
Bookkeeping—B. Ed. 7	1	3
Related Training—V. Ed. 3	1	5
Orientation—S. Sci. 3	1	1
Physical Education—PEM-W. 3	1	1
Total		16

Sophomore Year

Fall Quarter

COURSE	No.	Hrs.
General Psychology—Psych. 51	1	3
Bookkeeping—B. Ed. 55	1	3
Related Training—V. Ed. 51	1	5
Physical Education—PEM-W. 51	1	1
Elective	1	4
Total		16

Winter Quarter

General Psychology—Psych. 52	1	3
Bookkeeping—B. Ed. 56	1	3
Related Training—V. Ed. 52	1	5
Physical Education—PEM-W. 52	1	1
Elective	1	4
Total		16

Spring Quarter

Mental Hygiene—Psych. 53	1	3
Bookkeeping—B. Ed. 57	1	3
Related Training—V. Ed. 53	1	5
Physical Education—PEM-W. 53	1	1
Elective	1	4
Total		16

DRUG STORE ASSISTANT

Freshman Year

Fall Quarter

COURSE	No.	Hrs.
Freshman English—Eng. 1	1	3
Inorganic Chemistry—Chem. 1	4	4
Elementary German—Germ. 1	1	5
Public Speaking—Eng. 11	1	2
Orientation—S. Sci. 1	1	1
Physical Education—PEM-W. 1	1	1
Total		16

Winter Quarter

Freshman English—Eng. 2	2	3
Inorganic Chemistry—Chem. 2	4	4
Elementary German—Germ. 2	1	5
Public Speaking—Eng. 12	1	2
Orientation—S. Sci. 2	1	1
Physical Education—PEM-W. 2	1	1
Total		16

Spring Quarter

Freshman English—Eng. 3	3	3
Inorganic Chemistry—Chem. 3	4	4
Intermediate German—Germ. 3	1	5
Public Speaking—Eng. 13	1	2
Orientation—S. Sci. 3	1	1
Physical Education—PEM-W. 3	1	1
Total		16

Sophomore Year

Fall Quarter

COURSE	No.	Hrs.
Organic Chemistry—Chem. 51	4	4
Personal Hygiene—Hyg. 1	1	3
Typewriting—B. Ed. 1	1	3
Bookkeeping—B. Ed. 5	1	3
Physical Education—PEM-W. 51	1	1
Elective		2
Total		19

Winter Quarter

Organic Chemistry—Chem. 52	4	4
Pub. & Comm. Hyg.—Hyg. 2	1	3
Typewriting—B. Ed. 2	1	3
Bookkeeping—B. Ed. 6	1	3
Physical Education—PEM-W. 52	1	1
Elective		2
Total		16

Spring Quarter

Organic Chemistry—Chem. 53	4	4
Public School Hygiene—Hyg. 3	1	3
Typewriting—B. Ed. 3	1	3
Bookkeeping—B. Ed. 7	1	3
Physical Education—PEM-W. 53	1	1
Elective		2
Total		16

FREE LANCE WRITING CURRICULUM

Freshman Year

Fall Quarter

COURSE	No.	Hrs.
Freshman English—Eng. 1	1	3
Survey of Journalism—Eng. 31	1	2
Intro. to Fiction—E. Lit. 11	1	3
Economic Hist. of Eng.—Hist. 11	1	3
Orientation—S. Sci. 1	1	1
Physical Education—PEM-W. 1	1	1
Elective		5
Total		16

Winter Quarter

Freshman English—Eng. 2	2	3
Survey of Journalism—Eng. 32	1	2
Intro. to Poetry—E. Lit. 12	1	3
Economic Hist. of U. S.—Hist. 12	1	3
Orientation—S. Sci. 2	1	1
Physical Education—PEM-W. 2	1	1
Elective		5
Total		16

Spring Quarter

Freshman English—Eng. 3	3	3
Survey of Journalism—Eng. 33	1	2
Intro. to Drama—E. Lit. 13	1	3
Economic Hist. of U. S.—Hist. 13	1	3
Orientation—S. Sci. 3	1	1
Physical Education—PEM-W. 3	1	1
Elective		3
Total		16

Sophomore Year

Fall Quarter

COURSE	No.	Hrs.
English Composition—Eng. 51	1	2
Elementary French—Fr. 1	1	5
Typewriting—B. Ed. 1	1	3
Dramatics—Eng. 21	1	3
Survey of English Lit.—E. Lit. 51	1	3
Physical Education—PEM-W. 51	1	1
Total		18

Winter Quarter

English Composition—Eng. 52	1	2
Elementary French—Fr. 2	1	5
Typewriting—B. Ed. 2	1	3
Dramatics—Eng. 22	1	3
Survey of English Lit.—E. Lit. 52	1	3
Physical Education—PEM-W. 52	1	1
Total		18

Spring Quarter

English Composition—Eng. 53	1	2
Intermediate French—Fr. 3	1	6
Typewriting—B. Ed. 3	1	3
Dramatics—Eng. 23	1	3
Survey of English Lit.—E. Lit. 53	1	3
Physical Education—PEM-W. 53	1	1
Total		16

HOME MAKING CURRICULUM

Freshman Year

Fall Quarter

COURSE	No.	Hrs.
Freshman English—Eng. 1	1	3
Clothing and Textiles—H. E. 1	1	3
Cost. Des. & Const.—H. E. 5	1	3
Orientation—S. Sci. 1	1	1
Physical Education—PEM-W. 1	1	1
Elective		5
Total		16

Winter Quarter

Freshman English—Eng. 2	1	3
Clothing and Textiles—H. E. 2	1	3
Cost. Des. & Const.—H. E. 6	1	3
Orientation—S. Sci. 2	1	1
Physical Education—PEM-W. 2	1	1
Elective		5
Total		16

Spring Quarter

Freshman English—Eng. 3	1	3
Clothing and Textiles—H. E. 3	1	3
Cost. Des. & Const.—H. E. 7	1	3
Orientation—S. Sci. 3	1	1
Physical Education—PEM-W. 3	1	1
Elective		5
Total		16

Sophomore Year

Fall Quarter

COURSE	No.	Hrs.
Food Sel. & Prep.—H. E. 51	1	3
Personal Hygiene—Hyg. 1	1	3
Color and Design—Art 11	1	3
Physical Education—PEM-W. 51	1	1
Elective		6
Total		16

Winter Quarter

Food Sel. & Prep.—H. E. 52	1	3
Pub. and Comm. Hygiene—Hyg. 2	1	3
Color and Design—Art 12	1	3
Physical Education—PEM-W. 52	1	1
Elective		6
Total		16

Spring Quarter

Food Sel. & Prep.—H. E. 53	1	3
Public School Hygiene—Hyg. 3	1	3
Color and Design—Art 13	1	3
Physical Education—PEM-W. 53	1	1
Elective		6
Total		16

LIBERAL ARTS CURRICULUM

Freshman Year

Fall Quarter

COURSE	No.	Hrs.
Freshman English—Eng. 1	1	3
Personal Hygiene—Hyg. 1	1	3
American Government—P. Sci. 1	1	3
Musicianship—Mus. 1	1	2
Color and Design—Art 11	1	3
Orientation—S. Sci. 1	1	1
Physical Education—PEM-W. 1	1	1
Total		18

Winter Quarter

Freshman English—Eng. 2	1	3
Pub. & Comm. Hyg.—Hyg. 2	1	3
American Government—P. Sci. 2	1	3
Musicianship—Mus. 2	1	2
Color and Design—Art 12	1	3
Orientation—S. Sci. 2	1	1
Physical Education—PEM-W. 2	1	1
Total		16

Spring Quarter

Freshman English—Eng. 3	1	3
Public School Hygiene—Hyg. 3	1	3
American Government—P. Sci. 3	1	3
Musicianship—Mus. 3	1	2
Color and Design—Art 13	1	3
Orientation—S. Sci. 3	1	1
Physical Education—PEM-W. 3	1	1
Total		16

Sophomore Year

Fall Quarter

COURSE	No.	Hrs.
Intro. to Fiction—E. Lit. 11	1	3
Economic Hist. of Eng.—Hist. 11	1	3
Mathematics—Math. 1	1	3
Elementary French—Fr. 1	1	5
Physical Education—PEM-W. 51	1	1
Elective		1
Total		16

Winter Quarter

Intro. to Poetry—E. Lit. 12	1	3
Economic Hist. of U. S.—Hist. 12	1	3
Mathematics—Math. 2	1	3
Elementary French—Fr. 2	1	5
Physical Education—PEM-W. 52	1	1
Elective		1
Total		16

Spring Quarter

Intro. to Drama—E. Lit. 13	1	3
Economic Hist. of U. S.—Hist. 13	1	3
Mathematics—Math. 3	1	3
Intermediate French—Fr. 3	1	5
Physical Education—PEM-W. 53	1	1
Elective		1
Total		16

LIBRARY ASSISTANT CURRICULUM

Freshman Year

Fall Quarter

COURSE	No.	Hrs.
Freshman English—Eng. 1	1	3
Foreign Language		5
Intro. to Fiction—E. Lit. 11	1	3
Library Science—L. Sci. 1	1	2
Orientation—S. Sci. 1	1	1
Physical Education—PEM-W. 1	1	1
Elective		1
Total		16

Winter Quarter

Freshman English—Eng. 2	1	3
Foreign Language		5
Intro. to Fiction—E. Lit. 12	1	3
Library Science—L. Sci. 2	1	2
Orientation—S. Sci. 2	1	1
Physical Education—PEM-W. 2	1	1
Elective		1
Total		16

Spring Quarter

Freshman English—Eng. 3	1	3
Foreign Language		5
Intro. to Drama—E. Lit. 13	1	3
Library Science—L. Sci. 3	1	2
Orientation—S. Sci. 3	1	1
Physical Education—PEM-W. 3	1	1
Elective		1
Total		16

Sophomore Year

Fall Quarter

COURSE	No.	Hrs.
Survey of English Lit.—E. Lit. 51	1	3
Modern European History—Hist. 1	1	3
Economic Hist. of Eng.—Hist. 11	1	3
American Government—P. Sci. 1	1	3
Public Speaking—Eng. 11	1	2
Physical Education—PEM-W. 51	1	1
Elective		2
Total		17

Winter Quarter

Survey of English Lit.—E. Lit. 52	1	3
Modern European History—Hist. 2	1	3
Economic Hist. of U. S.—Hist. 12	1	3
American Government—P. Sci. 2	1	3
Public Speaking—Eng. 12	1	2
Physical Education—PEM-W. 52	1	1
Elective		2
Total		17

Spring Quarter

Survey of English Lit.—E. Lit. 53	1	3
Modern European History—Hist. 3	1	3
Economic Hist. of U. S.—Hist. 13	1	3
American Government—P. Sci. 3	1	3
Public Speaking—Eng. 13	1	2
Physical Education—PEM-W. 53	1	1
Elective		2
Total		17

MECHANICAL OCCUPATION CURRICULUM

Freshman Year

Fall Quarter

COURSE	No.	Hrs.
Business English—B. Ed. 15	1	3
Engineering Drawing—M. Dr. 1	1	3
Bookkeeping—B. Ed. 5	1	3
Related Training—V. Ed. 1	1	5
Orientation—S. Sci. 1	1	1
Physical Education—PEM-W. 1	1	1
Total		15

Winter Quarter

Business English—B. Ed. 16	1	3
Engineering Drawing—M. Dr. 2	1	3
Bookkeeping—B. Ed. 6	1	3
Related Training—V. Ed. 2	1	5
Orientation—S. Sci. 2	1	1
Physical Education—PEM-W. 2	1	1
Total		16

Spring Quarter

Business English—B. Ed. 17	1	3
Engineering Drawing—M. Dr. 3	1	3
Bookkeeping—B. Ed. 7	1	3
Related Training—V. Ed. 3	1	5
Orientation—S. Sci. 3	1	1
Physical Education—PEM-W. 3	1	1
Total		16

Sophomore Year

Fall Quarter

COURSE	No.	Hrs.
General Psychology—Psych. 51	1	3
Bookkeeping—B. Ed. 55	1	3
Typewriting—B. Ed. 1	1	3
Related Training—V. Ed. 51	1	5
Physical Education—PEM-W. 51	1	1
Elective		1
Total		16

Winter Quarter

General Psychology—Psych. 52	1	3
Bookkeeping—B. Ed. 56	1	3
Typewriting—B. Ed. 2	1	3
Related Training—V. Ed. 52	1	5
Physical Education—PEM-W. 52	1	1
Elective		1
Total		16

Spring Quarter

Mental Hygiene—Psych. 53	1	3
Bookkeeping—B. Ed. 57	1	3
Typewriting—B. Ed. 3	1	3
Related Training—V. Ed. 53	1	5
Physical Education—PEM-W. 53	1	1
Elective		1
Total		16

MEDICAL SECRETARY CURRICULUM

Freshman Year

Fall Quarter

COURSE	No.	Hrs.
Freshman English—Eng. 1	1	3
Bookkeeping—B. Ed. 5	1	3
Shorthand—B. Ed. 10	1	3
Personal Hygiene—Hyg. 1	1	3
Zoology—Zool. 1	1	3
Orientation—S. Sci. 1	1	1
Physical Education—PEM-W. 1	1	1
Total		17

Winter Quarter

Freshman English—Eng. 2	1	3
Bookkeeping—B. Ed. 5	1	3
Shorthand—B. Ed. 11	1	3
Pub. & Comm Hyg.—Hyg. 2	1	3
Zoology—Zool. 2	1	3
Orientation—S. Sci. 2	1	1
Physical Education—PEM-W. 2	1	1
Total		17

Spring Quarter

Freshman English—Eng. 3	1	3
Bookkeeping—B. Ed. 7	1	3
Shorthand—B. Ed. 12	1	3
Public School Hygiene—Hyg. 3	1	3
Zoology—Zool. 3	1	3
Orientation—S. Sci. 3	1	1
Physical Education—PEM-W. 3	1	1
Total		17

Sophomore Year

Fall Quarter

COURSE	No.	Hrs.
General Psychology—Psych. 51	1	3
Bookkeeping—B. Ed. 55	1	3
Shorthand—B. Ed. 60	1	3
Office Practice—B. Ed. 70	1	3
Physical Education—PEM-W. 51	1	1
Elective		3
Total		19

Winter Quarter

General Psychology—Psych. 52	1	3
Bookkeeping—B. Ed. 55	1	3
Shorthand—B. Ed. 61	1	3
Office Practice—B. Ed. 71	1	3
Physical Education—PEM-W. 52	1	1
Elective		3
Total		19

Spring Quarter

Mental Hygiene—Psych. 53	1	3
Bookkeeping—B. Ed. 57	1	3
Shorthand—B. Ed. 62	1	3
Office Practice—B. Ed. 72	1	3
Physical Education—PEM-W. 53	1	1
Elective		3
Total		16

MERCHANDISING CURRICULUM

Freshman Year

Fall Quarter

COURSE	No.	Hrs.
Business English—B. Ed. 14	1	3
Typewriting—B. Ed. 1	1	3
Related Training—V. Ed. 1	1	5
Occupational Training—V. Ed. 10	1	5
Orientation—S. Sci. 1	1	1
Physical Education—PEM-W. 1	1	1
Total		18

Winter Quarter

Business English—B. Ed. 16	1	3
Typewriting—B. Ed. 2	1	3
Related Training—V. Ed. 2	1	5
Occupational Training—V. Ed. 11	1	5
Orientation—S. Sci. 2	1	1
Physical Education—PEM-W. 2	1	1
Total		18

Spring Quarter

Business English—B. Ed. 17	1	3
Typewriting—B. Ed. 3	1	3
Related Training—V. Ed. 3	1	5
Occupational Training—V. Ed. 12	1	5
Orientation—S. Sci. 3	1	1
Physical Education—PEM-W. 3	1	1
Total		18

Sophomore Year

Fall Quarter

COURSE	No.	Hrs.
Bookkeeping—B. Ed. 5	1	3
Related Training—V. Ed. 51	1	5
Occupational Training—V. Ed. 61	1	5
Intro. to Sociology—Soc. 51	1	2
Physical Education—PEM-W. 51	1	1
Total		16

Winter Quarter

Bookkeeping—B. Ed. 6	1	3
Related Training—V. Ed. 52	1	5
Occupational Training—V. Ed. 62	1	5
The Family—Soc. 52	1	2
Physical Education—PEM-W. 52	1	1
Total		16

Spring Quarter

Bookkeeping—B. Ed. 7	1	3
Related Training—V. Ed. 53	1	5
Occupational Training—V. Ed. 63	1	5
Rural Sociology—Soc. 53	1	2
Physical Education—PEM-W. 53	1	1
Total		16

MUSIC CURRICULUM

Freshman Year

Fall Quarter

COURSE	No.	Hrs.
Freshman English—Eng. 1	1	3
Musicianship—Mus. 1	1	2
Harmony—Mus. 11	1	3
Orientation—S. Sci. 1	1	1
Physical Education—PEM-W. 1	1	1
Elective		0
Total		10

Winter Quarter

Freshman English—Eng. 2	2	3
Musicianship—Mus. 2	2	2
Harmony—Mus. 12	2	3
Orientation—S. Sci. 2	2	1
Physical Education—PEM-W. 2	2	1
Elective		6
Total		16

Spring Quarter

Freshman English—Eng. 3	3	3
Musicianship—Mus. 3	3	2
Harmony—Mus. 13	3	3
Orientation—S. Sci. 3	3	1
Physical Education—PEM-W. 3	3	1
Elective		6
Total		16

Sophomore Year

Fall Quarter

COURSE	No.	Hrs.
Survey of Eng. Lit. 51	51	3
Harmony—Mus. 51	51	3
Hist. & App. of Mus.—Mus. 51	51	3
Physical Education—PEM-W. 51	51	1
Elective		6
Total		16

Winter Quarter

Survey of Eng. Lit.—E. Lit. 52	52	3
Harmony—Mus. 52	52	3
Hist. & App. of Mus.—Mus. 52	52	3
Physical Education—PEM-W. 52	52	1
Elective		6
Total		16

Spring Quarter

Survey of Eng. Lit.—E. Lit. 53	53	3
Harmony—Mus. 53	53	3
Hist. & App. of Mus.—Mus. 53	53	3
Physical Education—PEM-W. 53	53	1
Elective		6
Total		16

NURSING CURRICULUM

Freshman Year

Fall Quarter

COURSE	No.	Hrs.
Freshman English—Eng. 1	1	3
Inorganic Chemistry—Chem. 1	1	4
Typewriting—B. Ed. 1	1	3
Shorthand—B. Ed. 10	10	3
Orientation—S. Sci. 1	1	1
Physical Education—PEM-W. 1	1	1
Elective		1
Total		16

Winter Quarter

Freshman English—Eng. 2	2	3
Inorganic Chemistry—Chem. 2	2	4
Typewriting—B. Ed. 2	2	3
Shorthand—B. Ed. 11	11	3
Orientation—S. Sci. 2	2	1
Physical Education—PEM-W. 2	2	1
Elective		1
Total		16

Spring Quarter

Freshman English—Eng. 3	3	3
Inorganic Chemistry—Chem. 3	3	4
Typewriting—B. Ed. 3	3	3
Shorthand—B. Ed. 12	12	3
Orientation—S. Sci. 3	3	1
Physical Education—PEM-W. 3	3	1
Elective		1
Total		16

Sophomore Year

Fall Quarter

COURSE	No.	Hrs.
Personal Hygiene—Hyg. 1	1	3
Accounting—B. Ed. 51	51	3
History of U. S.—Hist. 51	51	3
Public Speaking—Eng. 11	11	3
Intro. to Sociology—Soc. 51	51	2
Physical Education—PEM-W. 51	51	1
Elective		2
Total		16

Winter Quarter

Pub. & Comm. Hyg.—Hyg. 2	2	3
Accounting—B. Ed. 52	52	3
History of U. S.—Hist. 52	52	3
Public Speaking—Eng. 12	12	2
The Family—Soc. 52	52	2
Physical Education—PEM-W. 52	52	1
Elective		2
Total		16

Spring Quarter

Public School Hygiene—Hyg. 3	3	3
Accounting—B. Ed. 53	53	3
History of U. S.—Hist. 53	53	3
Public Speaking—Eng. 13	13	2
Rural Sociology—Soc. 53	53	2
Physical Education—PEM-W. 53	53	1
Elective		2
Total		16

RADIO CURRICULUM

Freshman Year

Fall Quarter

COURSE	No.	Hrs.
Freshman English—Eng. 1	1	3
Survey of Journalism—Eng. 31	1	2
Public Speaking—Eng. 11	1	2
Orientation—S. Sci. 1	1	1
Physical Education—PEM-W. 1	1	1
Elective		7
Total		16

Winter Quarter

Freshman English—Eng. 2	1	3
Public Speaking—Eng. 12	1	2
Survey of Journalism—Eng. 32	1	2
Orientation—S. Sci. 2	1	1
Physical Education—PEM-W. 2	1	1
Elective		7
Total		16

Spring Quarter

Freshman English—Eng. 3	1	3
Public Speaking—Eng. 13	1	2
Survey of Journalism—Eng. 33	1	2
Orientation—S. Sci. 3	1	1
Physical Education—PEM-W. 3	1	1
Elective		7
Total		16

Sophomore Year

Fall Quarter

COURSE	No.	Hrs.
Dramatics—Eng. 21	1	2
English Composition—Eng. 51	1	2
Advanced Journalism—Eng. 81	1	2
Typewriting—B. Ed. 1	1	3
Physical Education—PEM-W. 61	1	1
Elective		6
Total		16

Winter Quarter

Dramatics—Eng. 22	1	2
English Composition—Eng. 52	1	2
Advanced Journalism—Eng. 82	1	2
Typewriting—B. Ed. 2	1	3
Physical Education—PEM-W. 62	1	1
Elective		6
Total		16

Spring Quarter

Dramatics—Eng. 23	1	2
English Composition—Eng. 53	1	2
Advanced Journalism—Eng. 83	1	2
Typewriting—B. Ed. 3	1	3
Physical Education—PEM-W. 63	1	1
Elective		6
Total		16

SALESMANSHIP CURRICULUM

Freshman Year

Fall Quarter

COURSE	No.	Hrs.
Business English—B. Ed. 16	1	3
Typewriting—B. Ed. 1	1	3
Public Speaking—Eng. 11	1	2
Orientation—S. Sci. 1	1	1
Physical Education—PEM-W. 1	1	1
Elective		6
Total		16

Winter Quarter

Business English—B. Ed. 16	1	3
Typewriting—B. Ed. 2	1	3
Public Speaking—Eng. 12	1	2
Orientation—S. Sci. 2	1	1
Physical Education—PEM-W. 2	1	1
Elective		6
Total		16

Spring Quarter

Business English—B. Ed. 17	1	3
Typewriting—B. Ed. 3	1	3
Public Speaking—Eng. 13	1	2
Orientation—S. Sci. 3	1	1
Physical Education—PEM-W. 3	1	1
Elective		6
Total		16

Sophomore Year

Fall Quarter

COURSE	No.	Hrs.
Principles of Economics—Econ. 51	1	3
Accounting—B. Ed. 51	1	3
General Psychology—Psych. 51	1	3
Physical Education—PEM-W. 51	1	1
Elective		6
Total		16

Winter Quarter

Principles of Economics—Econ. 52	1	3
Accounting—B. Ed. 52	1	3
General Psychology—Psych. 52	1	3
Physical Education—PEM-W. 52	1	1
Elective		6
Total		16

Spring Quarter

Principles of Economics—Econ. 53	1	3
Accounting—B. Ed. 53	1	3
Mental Hygiene—Psych. 53	1	3
Physical Education—PEM-W. 53	1	1
Elective		6
Total		16

SECRETARIAL CURRICULUM

Freshman Year

Fall Quarter

COURSE	No.	Hrs.
Business English—B. Ed. 15	1	3
Bookkeeping—B. Ed. 5	1	3
Shorthand—B. Ed. 10	1	3
Business Law—B. Ed. 20	1	3
Typewriting—B. Ed. 1	1	3
Orientation—S. Sci. 1	1	1
Physical Education—PEM-W. 1	1	1
Total		17

Winter Quarter

Business English—B. Ed. 16	3
Bookkeeping—B. Ed. 6	2
Shorthand—B. Ed. 11	3
Business Law—B. Ed. 21	3
Typewriting—B. Ed. 2	3
Orientation—S. Sci. 2	1
Physical Education—PEM-W. 2	1
Total	17

Spring Quarter

Business English—B. Ed. 17	3
Bookkeeping—B. Ed. 7	3
Shorthand—B. Ed. 12	3
Business Law—B. Ed. 22	2
Typewriting—B. Ed. 3	3
Orientation—S. Sci. 3	1
Physical Education—PEM-W. 3	1
Total	17

Sophomore Year

Fall Quarter

COURSE	No.	Hrs.
Accounting—B. Ed. 51	1	3
Bookkeeping—B. Ed. 55	1	3
Shorthand—B. Ed. 60	1	3
Office Practice—B. Ed. 70	1	3
Principles of Economics—Econ. 51	1	3
Physical Education—PEM-W. 51	1	1
Total		16

Winter Quarter

Accounting—B. Ed. 52	3
Bookkeeping—B. Ed. 56	3
Shorthand—B. Ed. 61	3
Office Practice—B. Ed. 71	3
Principles of Economics—Econ. 52	3
Physical Education—PEM-W. 52	1
Total	16

Spring Quarter

Accounting—B. Ed. 53	3
Bookkeeping—B. Ed. 57	3
Shorthand—B. Ed. 62	3
Office Practice—B. Ed. 72	3
Principles of Economics—Econ. 53	3
Physical Education—PEM-W. 53	1
Total	16

SOCIAL WELFARE CURRICULUM

Freshman Year

Fall Quarter

COURSE	No.	Hrs.
Freshman English—Eng. 1	1	3
Typewriting—B. Ed. 1	1	3
Orientation—S. Sci. 1	1	1
Physical Education—PEM-W. 1	1	1
Elective		3
Total		10

Winter Quarter

Freshman English—Eng. 2	3
Typewriting—B. Ed. 2	3
Orientation—S. Sci. 2	1
Physical Education—PEM-W. 2	1
Elective	6
Total	16

Spring Quarter

Freshman English—Eng. 3	3
Typewriting—B. Ed. 3	3
Orientation—S. Sci. 3	1
Physical Education—PEM-W. 3	1
Elective	5
Total	16

Sophomore Year

Fall Quarter

COURSE	No.	Hrs.
General Psychology—Psych. 51	1	3
Intro. to Sociology—Soc. 51	1	2
Personal Hygiene—Hyg. 1	1	3
Physical Education—PEM-W. 51	1	1
Elective		5
Total		15

Winter Quarter

General Psychology—Psych. 52	3
The Family—Soc. 52	2
Pub. & Comm. Hyg.—Hyg. 2	3
Physical Education—PEM-W. 52	1
Elective	6
Total	15

Spring Quarter

Mental Hygiene—Psych. 53	3
Rural Sociology—Soc. 53	2
Public School Hygiene—Hyg. 3	3
Physical Education—PEM-W. 53	1
Elective	9
Total	18

Courses of Instruction

Definition of Course Descriptions

COURSE NUMBERS

Courses numbered from 1-49 are especially designed for Freshmen. Example: Chemistry 1, 2, 3. Courses numbered from 50-99 are primarily for Sophomores. Example: Organic Chemistry 51, 52, 53. No Freshman should register for courses numbered 50 or above, and likewise, no Sophomore should register for courses numbered below 50 unless he shall have his counselor's and the Registrar's permission.

QUARTERS

The quarters at Mesa College are divided into two six-week periods of five class days a week. The quarters in which particular courses are offered are lettered F, W, S, fall, winter, and spring. Example: Industrial History of England 11, F.

HOURS CREDIT

The number of hours credit a course offers is given in the course title. Example: Government 1, F, 3 Hrs. The class meets three times each week for a one hour period. Example: Physical Geology 1, F, 5 Hrs. The class meets five times each week for a one hour period.

Aviation

HISTORY OF AVIATION AND THEORY OF FLIGHT 1, F, 5 Hrs.

The courses in aviation are designed for students who have qualified for the Civil Aeronautics Authority program. In the initial part of the first quarter's work, the development of man's desire to fly, the construction of the first balloons, and the first successful flight are traced. Pre-war aeronautical pioneering, the World War's contribution to aviation, and post-war continuance of aviation are stressed. Consideration is given to the structure of the air, principles of aerodynamics, airfold shapes and designs, and load and safety factors. The development and construction of airplanes and parachutes is studied. Students apply their training in the ground work courses to actual flying.

AIR REGULATIONS AND METEOROLOGY 2, W, 5 Hrs.

Comprehensive study is made of the need for air regulations, air traffic rules, airplane classification, aircraft identification, and the Civil Aeronautics Act of 1938. In the second part of the course the structure of the atmosphere is considered including, air masses and their modifications, stability, warm and cold fronts, thunderstorms, tornadoes, clouds, and fogs. A survey is made of synoptic weather charts and hourly weather observations.

NAVIGATION, ENGINES, INSTRUMENTS, RADIO 3, S, 5 Hrs.

In this quarter students study construction of maps and charts. Students learn to understand variation, deviation, air speed and ground speed, and plot courses making corrections for wind drift. Thorough analysis is made of the various types of navigation including, celestial, radio, dead reckoning, and pilotage. Explanation is made of radio beams and blind flying. In the second part of the quarter's work consideration is given to the relation of heat and density of gases, internal combustion principles, magneto and carburetor construction and principles, lubrication and oiling principles. A thorough understanding of all instruments is required.

Agriculture**SELECTION OF FAT AND BREEDING STOCK 1, F, 3 Hrs.**

This course includes projects in the study and selection of breeds and breed type. Consideration will be given to the selection of animals from the viewpoint of the butcher and breeder.

IMPROVING FARM LIVESTOCK 2, W, 3 Hrs.

Practical problems confronting the farmer and range man in improving his herds are discussed. Consideration will be given to cross-breeding, line-breeding, study of pedigrees, and improving of farm livestock.

FARM DAIRYING 3, S, 3 Hrs.

Consideration is given to the problems of the dairy farmer, including management, marketing the product, record keeping, feeding, and general herd problems. Laboratory work will consist of milk and cream testing, running sediment tests, milk judging, and balancing dairy rations.

FEEDING FARM ANIMALS 4, F, 3 Hrs.

Problems in balancing rations with home grown feeds for the different classes of farm animals are worked out and discussed. Some time is devoted to the study of preparing feeds for economical consumption. Developing ability to judge the value of feeds for a ration is considered important.

PREVENTING, TREATING ANIMAL DISEASES 5, W, 3 Hrs.

Main objective of the course is to develop in the student the ability to care for animals in such a way as to prevent disease. Attention to sanitation, prevention, and nutritional diseases and ailments are the common problems discussed.

LIVESTOCK MANAGEMENT 6, S, 3 Hrs.

Most common problems encountered on the range are considered. Special problems of the cattleman and sheepman are discussed.

FARM MECHANICS 8, F, 2 Hrs.

This course deals with the building of small appliances. It gives experiences in a wide variety of skills such as farm woodworking, forge work, soldering, painting, care and use of tools, concrete work, blue print reading, handle fitting, and tool sharpening.

FARM MECHANICS 9, W, 2 Hrs.

This course is a continuation of Farm Mechanics 8, with more emphasis placed on the individual needs of the student. *Prerequisite*, Farm Mechanics 8.

FARM CARPENTRY 10, S, 2 Hrs.

This course deals with the construction of farm buildings. Use and care of carpentry tools, study of foundations, materials, roof framing and types of buildings used on the farm are considered.

CROP PRODUCTION PROBLEMS 51, F, 3 Hrs.

Special emphasis is given to the study of improving farm crops. Common problems of the student's particular section form the basis of the course.

SOIL FERTILITY AND CONSERVATION 52, W, 3 Hrs.

Study of problems involving the maintenance of soil fertility are stressed. Laboratory work involves acquiring skill in sampling soils, testing, reading a soil map, and planning a rotation system.

GENERAL HORTICULTURE 53, S, 3 Hrs.

Training in the production and marketing of orchard and truck garden crops is pursued. Laboratory work is given in the most essential skills, such as pruning, grafting, and planning spray programs.

IRRIGATION PRACTICE 54, F, 3 Hrs.

Principles in measurement and use of water are taught. Ways of getting the most from application of water to crops are stressed.

PRACTICING FARM BUSINESS PROCEDURE 55, W, 3 Hrs.

Actual practice will be given in drawing up farm leases, mortgages, and common negotiable instruments. Taking farm inventories and making credit statements for use in issuing credit will be studied.

FARM MANAGEMENT AND MARKETING 56, S, 3 Hrs.

Individual problems of the students form the basis for the course. Management studies will be made to improve home and marketing conditions.

FARM MACHINERY AND MOTOR REPAIR 58, F, 2 Hrs.

Study of types of farm machinery and practice in repairing and servicing farm equipment is made, including tractors and farm motors.

AGRICULTURAL ENGINEERING 59, W, 2 Hrs.

Theory and principles involved in drainage, surveying, land leveling, electricity, water measurements, home beautification, sanitation, and contour farming are reviewed.

AGRICULTURAL ENGINEERING 60, S, 2 Hrs.

Execution of techniques studied in Agricultural Engineering 59 are put into practical use. *Prerequisite*, Agricultural Engineering 59.

Art

FREEHAND DRAWING 1, F, 2 Hrs.

Instruction in freehand drawing attempts to stimulate and develop the creative instinct in the student through the study of fundamental forms. The first quarter is devoted to a basic course in simplified outline from cast ornaments, followed by drawing of solids.

FREEHAND DRAWING 2, W, 2 Hrs.

Drawing from casts is practiced. The student's power in graphic expression is further developed. Rhythmic and structural patterns expressed in line and tone are studied.

FREEHAND DRAWING 3, S, 2 Hrs.

This course is a continuation of Freehand Drawing 1 and 2, with special emphasis placed on composition in various graphic mediums. Outdoor sketching is included.

COLOR AND DESIGN 11, F, 3 Hrs.

The first year course in color and design is an introduction to the elements and theories of color and design that will make the student conscious of both in their relation and application to everyday life, and prepare him for advanced courses. Study of lines and their use in forming decorative patterns is recognized. Mediums used are pen, brush, and India ink.

COLOR AND DESIGN 12, W, 3 Hrs.

This course is a continuation of Color and Design 11. It presents a study of color and color harmony. It considers various color combinations and functions.

COLOR AND DESIGN 13, S, 3 Hrs.

This course is a continuation of Color and Design 12. Stress is placed on the value of color and design in problems such as interior decoration, costume illustration, and commercial designing.

LETTERING 21, F, 2 Hrs.

Construction of letter forms, basic alphabets and numerals are practiced with consideration given to their spacing, variations, and applications to modern design.

LETTERING 22, W, 2 Hrs.

Speed and skill are developed in the construction and spacing of letters with pens and show card brushes. Advertising layout is studied and placement of illustrations in reference to lettering is stressed.

LETTERING 23, S, 2 Hrs.

This course is a continuation of Lettering 22. Students design and execute posters for the use of the college and civic organizations. Advertising layout and theatre front work are considered. Correlation of art to the needs of the modern business and professional advertiser is emphasized.

FREEHAND DRAWING 51, F, 2 Hrs.

Techniques in advanced figure drawing from casts and living models are considered with quick sketching and memory drawing stressed. In working out the problems, live quality and massing of light and dark are emphasized. Proportions and whole composition in relation to the human figure are studied. Charcoal, pencil, and other mediums are used. *Prerequisite*, Freehand Drawing 1, 2, 3.

FREEHAND DRAWING 52, W, 2 Hrs.

This course continues the study of the human figure and its component parts, with emphasis on rapid sketching.

FREEHAND DRAWING 53, S, 2 Hrs.

This is a continuation of Freehand Drawing 52, with special emphasis on figure composition and outdoor sketching.

COLOR AND DESIGN 61, F, 3 Hrs.

Included in this course are lectures and laboratory work dealing with the creation and development of design motives and the application of principles of design and color to practical problems. *Prerequisite*, Color and Design 11, 12, 13.

COLOR AND DESIGN 62, W, 3 Hrs.

Principles underlying color, study of the psychology and therapy of color, and the application of color knowledge to the problem of the painter and designer are stressed.

COLOR AND DESIGN 63, S, 3 Hrs.

This course is a continuation of Color and Design 62. Problems are presented to acquaint students with professional procedure. The relation of color to design is applied to pictorial problems.

STILL LIFE PAINTING 71, F, 2 Hrs.

Fundamentals learned and used in Freehand Drawing 1, 2, 3, are applied to still life, landscape, and portrait work. The student is trained in choosing and setting up a composition, painting in monochrome and in black and white wash technique, and sketching-in for water color or other mediums.

STILL LIFE PAINTING 72, W, 2 Hrs.

Watercolor painting techniques are applied to principles studied in Still Life Painting 71. All three quarters stress painting as a technique of artistic expression.

STILL LIFE PAINTING 73, S, 2 Hrs.

This course is a continuation of Still Life Painting 72. It includes techniques and problems encountered in the use of oil, tempera, and other mediums. Outdoor sketching and composition in landscape are executed in all mediums.

METHODS OF TEACHING ART 81, F, 2 Hrs.

Methods of instruction and classroom management of art in elementary grades are taught. Art instruction is considered with special reference to methods of presentation, pupil interests, and standards of attainment. Major topics include drawing, design, construction, and appreciation.

METHODS OF TEACHING ART 82, W, 2 Hrs.

Included in this course are lectures and reference work relating to the methods of classroom procedure of art instruction in junior-senior high schools. The major topics are: general arts course, junior high school commercial art, design, craft, and appreciation. With careful supervision the student learns to plan lessons and projects.

INDIVIDUAL PROJECT 83, S, 2 Hrs.

This is a completion quarter in individual project work for prospective teachers. Techniques in several art crafts are included. They are: linoleum block printing, school poster design, stencils, and duplicator stencils, plaster casting, spatter work, tin craft, etching (copper), leather stamping, puppets, stages, and soap carving. Construction of homemade tools for use in arcraft work is also studied.

COSTUME ILLUSTRATION 91, F, 2 Hrs.

Artistic anatomy in relation to fashion drawing is studied. Mediums of expression include pencil rendering, pen and ink, water color, dry brush, and various combinations of these mediums. *Prerequisite*, Freehand Drawing 1, 2, 3; Color and Design 11, 12, 13.

COSTUME ILLUSTRATION 92, W, 2 Hrs.

Historical and period costumes and various types of contemporary costumes are analyzed. The final winter quarter problem is the complete costuming of an historical play.

COSTUME ILLUSTRATION 93, S, 2 Hrs.

Drawing and designing fashions and consideration of their relation to seasons are stressed in this course.

MODELING 95, F, 2 Hrs.

This is a beginning course in the technique of modeling. Its purpose is to develop a correlation of seeing, analyzing, and reproducing forms.

MODELING 96, W, 2 Hrs.

This is a continuation of Modeling 95, stressing the same aims with problems of advancing difficulty.

MODELING 97, S, 2 Hrs.

This is a continuation of Modeling 96. Subjects are constructed to acquaint the student with industrial designing problems. The year's work is concluded by studying articulation and three-dimensional form of the human head.

Business

TYPEWRITING 1, F, 3 Hrs.

Elementary typing practices and procedures are covered. Manipulations of the machine and progressive speed and accuracy exercises are given with the view toward secretarial training.

TYPEWRITING 2, W, 3 Hrs.

This course is a continuation of Typewriting 1. Further drill is offered the student for proficiency purposes. Extensive practice is devoted to business letters, legal papers, business forms, and invoices. Speed and accuracy tests are required at this level.

TYPEWRITING 3, S, 3 Hrs.

This course is a continuation of Typewriting 2. Still further drill is given the student with specified levels of accuracy and speed set up for final completion of the course. Students are taught to cut stencils, do mimeographing, and engage in a variety of typewriter productions indispensable to the modern business office.

ELEMENTARY BOOKKEEPING 5, F, 3 Hrs.

This course introduces the student to a general study of business organizations. Business forms, simple financial statements, ledger accounts, and general and special journals are carefully considered and problematical exercises are devised and worked out.

ELEMENTARY BOOKKEEPING 6, W, 3 Hrs.

This course is a continuation of Elementary Bookkeeping 5. Controlling accounts, interest and discounts, and the handling of accruals and deferred payments are considered in detail. Double entry record keeping for sole proprietorships is introduced and the principles underlying its necessity are considered. *Prerequisite*, Elementary Bookkeeping 5.

ELEMENTARY BOOKKEEPING 7, S, 3 Hrs.

This course is a continuation of Elementary Bookkeeping 6. Emphasis is placed upon more complicated business papers and bookkeeping principles. The preparation and analysis of basic bookkeeping statements are mastered. *Prerequisite*, Elementary Bookkeeping 6.

ELEMENTARY SHORTHAND 10, F, 3 Hrs.

This course is an intensive introduction in vocational shorthand. Emphasis is placed on learning to read and write shorthand fluently and with proper technique.

ELEMENTARY SHORTHAND 11, W, 3 Hrs.

This course is a continuation of Elementary Shorthand 10. Drill on writing new material efficiently and according to principle is introduced and used. Drills to build writing and transcription speed are introduced. *Prerequisite*, Elementary Shorthand 10.

ELEMENTARY SHORTHAND 12, S, 3 Hrs.

This course is a continuation of Elementary Shorthand 11. In this quarter basic introductory work is completed and emphasis is placed on building a strong foundation for further speed work. Acceptable transcription is a requirement of this quarter's work. *Prerequisite*, Elementary Shorthand 11.

BUSINESS ENGLISH 15, F, 3 Hrs.

Training is offered in this course in essentials of spelling, punctuation, grammar, and sentence structure. The work consists largely of exercises devised to bring out proficiency in the above subjects. Certain business forms are introduced.

BUSINESS ENGLISH 16, W, 3 Hrs.

This course is a continuation of Business English 15. Further training in basic English essentials is continued with emphasis on sentence structure, expository writing, and business usage. Some oral speech and conversation is included in this quarter's offering. *Prerequisite*, Business English 15.

BUSINESS ENGLISH 17, S, 3 Hrs.

This course is a continuation of Business English 16. This course is designed primarily for the study and discussion of the art of business letter writing. All types of business letters are discussed, such as: credit, sales, collectors, adjustment, etc. Practical composition of letters will accompany the study of these types. *Prerequisite*, Business English 16.

BUSINESS LAW 20, F, 3 Hrs.

This course aims at instruction in law to equip the student with a knowledge of basic legal principles applicable to the fundamental transactions and activities of business. It emphasizes nature and sources of law, fundamental legal concepts and terminology of law, forms of legal liability, and courts and their jurisdiction.

BUSINESS LAW 21, W, 3 Hrs.

This course is a continuation of Business Law 20. Contracts, business torts, forms of business units, promissory notes, bills of exchange, and banking relations are stressed. Actual examination and field experience are given the student. *Prerequisite*, Business Law 20.

BUSINESS LAW 22, S, 3 Hrs.

This course is a continuation of Business Law 21. Sales, bailments, unfair market practice, bankruptcy, corporate meetings and elections, transfer of stock, wills, trusts, life insurance, and property law and legal instruments are considered. This course is designed for actual usage by business students, and should not be confused with theory courses. *Prerequisite*, Business Law 21.

ELEMENTARY ACCOUNTING 51, F, 3 Hrs.

First quarter accounting introduces the elements of double-entry book-keeping and develops an understanding of the accounting processes required in a single-proprietor enterprise. Study of statement, of profit and loss, and the balance sheet is included.

ELEMENTARY ACCOUNTING 52, W, 3 Hrs.

Partnership and corporation accounting are begun, with attention given to general, legal, and business background of these types of organizations. Simple cost accounting systems are presented. *Prerequisite*, Elementary Accounting 51.

ELEMENTARY ACCOUNTING 53, S, 3 Hrs.

Subject matter of this course includes introductions to the fields of accounting for departments and branches, consolidated statements for non-profit organizations, and several more advanced relationships and uses of accounting. *Prerequisite*, Elementary Accounting 52.

ADVANCED BOOKKEEPING 55, F, 3 Hrs.

This course introduces the advanced bookkeeping student to the theory of and function of bookkeeping, the balance sheet, the profit and loss statement, and specific records of partnerships and corporations. *Prerequisite*, Elementary Bookkeeping 7.

ADVANCED BOOKKEEPING 56, W, 3 Hrs.

This course is a continuation of Advanced Bookkeeping 55. Advanced principles of bookkeeping are developed with emphasis laid upon capital stock, depreciation, depletion, surplus, reserves, dividends, sinking funds, and combination and consolidated statements. *Prerequisite*, Advanced Bookkeeping 55.

ADVANCED BOOKKEEPING 57, S, 3 Hrs.

This course is a continuation of Advanced Bookkeeping 56. The case method is used in this quarter's offering with emphasis on branch house procedures and further interpretation of the balance sheet. Tax accounting and special record problems of the more common classes of business are also considered. *Prerequisite*, Advanced Bookkeeping 56.

ADVANCED SHORTHAND 60, F, 3 Hrs.

This course is a continuation of Elementary Shorthand 12. It constitutes an intensive review for advanced students deserving to increase their efficiency. This course presupposes an ability to write shorthand at 70-80 words per minute and to make an acceptable transcript. Emphasis is placed on correct technique as a basis for speed. *Prerequisite*, Elementary Shorthand 12.

ADVANCED SHORTHAND 61, W, 3 Hrs.

This course is a continuation of Advanced Shorthand 60. It offers extensive dictation and transcription with emphasis on building vocabulary for various types of business. This course will also introduce the student to certain office procedures. *Prerequisite*, Advanced Shorthand 60.

ADVANCED SHORTHAND 62, S, 3 Hrs.

This is the final quarter of shorthand offered. Emphasis is placed on greater speed in both transcription and dictation. This course stresses the use of shorthand for meetings, speeches, and reporting. *Prerequisite*, Advanced Shorthand 61.

ADVANCED TYPEWRITING 65, F, 3 Hrs.

This course offers a comprehensive review of typewriting procedure, presupposing mastery of letter styles and typing speed of 45 words a minute. Emphasis is laid upon technique, letters, manuscripts, and business forms. *Prerequisite*, Elementary Typewriting 3.

ADVANCED TYPEWRITING 66, W, 3 Hrs.

This course is a continuation of Advanced Typewriting 65. Typing standards as to speed, accuracy, and transcription reading for business situations must be met. Charts, statistical forms, reports, business and legal forms, and the cutting of mimeograph stencils and duplicating master-sheets are included. *Prerequisite*, Advanced Typewriting 65.

ADVANCED TYPEWRITING 67, S, 3 Hrs.

This course is a continuation of Advanced Typewriting 66. It aims at developing further speed and accuracy and constitutes the finishing quarter of typing training. Students desiring recommendation for positions must complete this course. Advanced legal and court forms, special reports, and further business papers are considered. *Prerequisite*, Advanced Typewriting 66.

OFFICE PRACTICE 70, F, 3 Hrs.

This course presents the operation, history, and present status of duplicating, calculating, dictating, mimeograph, and multigraph machines. Demonstrations are given with opportunity for limited practice on these machines and other office appliances. *Prerequisite*, open only to students who have successfully completed Advanced Typewriting 65, 66, 67; Advanced Bookkeeping 55, 56, 57; Advanced Shorthand 60, 61, 62.

OFFICE PRACTICE 71, W, 3 Hrs.

This course is a continuation of Office Practice 70. It offers further training in business machine operation. The underlying principles of all systems of filing are thoroughly studied and practical projects are carried on. *Prerequisite*, Office Practice 70.

OFFICE PRACTICE 72, S, 3 Hrs.

This course is a continuation of Office Practice 71. Practical secretarial problems are considered, including further business ethics, office appliances, handling mail and telegrams, using the telephone, bank procedures, transportation, interviewing callers, keeping business calendars, and the filing of material in business subjects. *Prerequisite*, Office Practice 71.

Chemistry

GENERAL INORGANIC CHEMISTRY 1, F, 4 Hrs.

This course consists of lectures, discussions and laboratory work, dealing with non-metals and their important compounds.

GENERAL INORGANIC CHEMISTRY 2, W, 4 Hrs.

This is a continuation of General Inorganic Chemistry 1. Class procedure includes lectures, discussions, and laboratory work, dealing with non-metals, organic compounds, and colloids. The periodic law and ratio activity are introduced. *Prerequisite*, General Inorganic Chemistry 1.

GENERAL INORGANIC CHEMISTRY 3, S, 4 Hrs.

This is a continuation of General Inorganic Chemistry 2. The course embodies lectures and discussions, dealing with metals and their compounds. Laboratory work concerns separation and identification of common metals and compounds. *Prerequisite*, General Inorganic Chemistry 2.

ORGANIC CHEMISTRY 51, F, 4 Hrs.

Preparation and reactions of important aliphatic compounds are analyzed. Emphasis is placed on structure and practical uses of compounds studied. *Prerequisite*, Inorganic Chemistry 1, 2, 3.

ORGANIC CHEMISTRY 52, W, 4 Hrs.

This is a continuation of Organic Chemistry 51. Aromatic compounds are studied and emphasis is stressed on theory of process and proof of structure of compounds studied. *Prerequisite*, Organic Chemistry 51.

ORGANIC CHEMISTRY 53, S, 4 Hrs.

This is a continuation of Organic Chemistry 52. Carbohydrates, dyes, proteins, and a few heterocyclic compounds are considered. Identification methods of organic chemistry are investigated. *Prerequisite*, Organic Chemistry 52.

Economics

PRINCIPLES OF ECONOMICS 51, F, 3 Hrs.

Study is made of the factors and functions in production, including the industrial and business organizations of production, capital, labor, industrial conflict, and problems of population.

PRINCIPLES OF ECONOMICS 52, W, 3 Hrs.

Attention is given to the fundamental principles of money, credit, international trade, transportation, risks and insurance, value and price, wages, interest, rents, profits, price changes, and business cycles. *Prerequisite*, Principles of Economics 51.

PRINCIPLES OF ECONOMICS 53, S, 3 Hrs.

In this class consideration is given to consumption and saving, income and expenditures of the government, economic policies and politics, and public regulation of private enterprise. *Prerequisite*, Principles of Economics 52.

Education

INTRODUCTION TO EDUCATION 51, F, 3 Hrs.

Short survey of the education field is made. Important aspects considered are: present philosophies of education, major problems of education, present practices, and the school as a social institution.

CLASSROOM MANAGEMENT 52, W, 3 Hrs.

Principal elements in successful classroom activities are presented. Included are such factors as the daily schedule, playground activities, health programs, records and reports, tests and measurements, and problems of discipline.

ELEMENTARY INSTRUCTION METHODS 53, S, 3 Hrs.

Methods used in elementary instruction are examined in this course. Problems having to do with the assignment, motivation, learning, appreciation, drill, and guidance in study are considered.

HISTORY OF ANCIENT, MEDIEVAL EDUCATION 61, F, 3 Hrs.

General survey of the development of education from primitive times to the modern period is pursued. Oriental, Greek, Roman, early Christian, and medieval educational institutions and philosophies and revivals of learning are studied. Lectures, discussions, oral and written reports, readings.

HISTORY OF MODERN EDUCATION 62, W, 3 Hrs.

Interpretation and general survey of the more significant trends of modern education are investigated. A study is made of present day educational problems and tendencies in the United States and in the leading countries of Europe. Representative educational philosophers and their particular contributions to modern education are considered.

PRACTICE TEACHING 71, 72, 73, FWS, 2 Hrs.

This course includes both theory and practice of instruction. The cadet teachers must teach two half-day periods a week in the public schools of Grand Junction. They must observe the work of a qualified teacher of a given grade or subject and then must teach independently. This laboratory work is supplemented by discussions, lectures, excursions, and visits. The cadet teachers are supervised by the regular instructors and principals as well as by a college representative. The course is required of all students expecting to teach.

EDUCATIONAL PSYCHOLOGY 54, S, 3 Hrs.

Chief influences having to do with the growth and development of the mental processes of the individual are studied. Some of the problems included are: innate tendencies and capacities and their relation to the education process; the development of attitudes and their relation to work and cooperation; types and principles of learning, with application to school work; individual differences and their significance in education.

English Language

ENGLISH 01, F, 3 Hrs.

All students whose scores on the entrance examinations fall below the standard set for college Freshmen are required to register for the first quarter in English 01, which meets five times a week. The course is planned to help the student comprehend what he reads, think systematically, express his ideas in correct, well organized compositions, and develop skills of value to him in all of his college courses. Students who pass this course may enroll in the regular Freshman English courses for the remaining quarters of the school year.

FRESHMAN ENGLISH 1, F, 3 Hrs.

Correctness and clarity of expression, both written and oral, and knowledge of principles governing effective composition and speech are the chief results sought through the course. The fall quarter is mainly concerned with the use of the library, review of grammar, consideration of the whole composition, reading selected current essays, and vocabulary study. Lectures, recitations, themes.

FRESHMAN ENGLISH 2, W, 3 Hrs.

The structure of the paragraph, sentence, and word is emphasized. Time is devoted to individual deficiencies discovered during the fall quarter. Stress is placed on correct pronunciation, enunciation, expression and vocabulary improvement. Readings include selected current essays and outstanding short stories of the past and present. Lectures, recitations, themes.

FRESHMAN ENGLISH 3, S, 3 Hrs.

Included in this quarter's work is the study and practice of narration and description, and the writing and reading of personal and business letters. Readings include selected current essays and outstanding dramas of the past and present. Stress is given to speech art and vocabulary. Lectures, recitations, themes.

PUBLIC SPEAKING 11, F, 2 Hrs.

Effective speech habits and the development of these habits in the speaker are considered. The course combines general introductory public speaking and interpretation.

PUBLIC SPEAKING 12, W, 2 Hrs.

Interpretation of the principles of speech is practiced through presentation of original speeches followed by constructive criticism. The study includes the practice of effectiveness in public speaking from the functional standpoint or the effect on the listener. *Prerequisite*, Public Speaking 11.

PUBLIC SPEAKING 13, S, 2 Hrs.

Interpretative reading is studied and the principles are applied with emphasis on creating a particular belief in the thoughts of listeners. The principles of choral reading are studied and utilized. *Prerequisite*, Public Speaking 12.

DRAMATICS 21, F, 2 Hrs.

An introduction to the techniques of acting includes bodily control, pantomime, and voice training. Physical properties of the stage are considered.

DRAMATICS 22, W, 2 Hrs.

This course is a continuation of Dramatics 21, with advanced work in pantomime, characterization, makeup, and oral interpretation.

DRAMATICS 23, S, 2 Hrs.

Provision is made for practical experience in acting, directing, play production, stage designing, and other technical phases of the theatre.

SURVEY OF JOURNALISM 31, F, 2 Hrs.

Survey of journalism including newspapers, magazines, radio, and allied fields forms the background for the course. Study and writing of newspaper stories is given with emphasis on actual practice and not theory. Stories are written, copyread, and proofread for the *Criterion*. Physical features of a newspaper plant are studied.

SURVEY OF JOURNALISM 32, W, 2 Hrs.

This course includes further study of newspaper writing technique. Newspapers of Colorado are considered for content, policy, and makeup. Feature stories appearing in current newspapers and magazines are examined. A survey of national and local newspaper columns is made and writing columns for the *Criterion* is encouraged. Informal talks are presented by men and women active in news writing and editing in the commercial newspaper field.

SURVEY OF JOURNALISM 33, S, 2 Hrs.

This course is a continuation of newspaper writing. History of radio broadcasting is reviewed. The preparation of an advertising campaign to promote and sell merchandise of a student's selection is required. Advertising mediums used for the campaign are: newspaper display, classified, magazine, direct mail, and radio advertising.

ENGLISH COMPOSITION 51, F, 2 Hrs.

Advanced Composition. This course directs the student in practice designed to develop correctness and ease in written expression. The fall quarter is given to the study of expository writing with special emphasis on the form and content of critical themes and research papers. *Prerequisite*, English 1, 2, 3.

ENGLISH COMPOSITION 52, W, 2 Hrs.

Advanced Composition. The study of artistic composition is continued with emphasis on narrative writing.

ENGLISH COMPOSITION 53, S, 2 Hrs.

Advanced Composition, continued. The study of artistic composition is continued with emphasis on narrative writing.

ADVANCED JOURNALISM 81, F, 2 Hrs.

Study, interpretation and writing of publicity stories is stressed. Publicity mediums are evaluated and research papers are written on some particular phase of publicity. Publicity stories and pictures about Mesa College students for weekly and daily newspapers are promoted and prepared. Active participation in the various departments of the Criterion is required. The course is limited to selected students who have had Survey of Journalism 31, 32, 33.

ADVANCED JOURNALISM 82, W, 2 Hrs.

Trends of public opinion and factors causing changes are analyzed. The art of propaganda and how it is used by the special interest groups is studied. Research papers on propaganda are written. Active participation in the various departments of the Criterion is required. *Prerequisite*, Advanced Journalism 81.

ADVANCED JOURNALISM 83, S, 2 Hrs.

Research in the use of propaganda as practiced before and during the first World War is made. Window displays promoting some Mesa College activity are developed. Surveys checking public reaction to particular promotion displays are conducted. Active participation in the various departments of the Criterion is required. *Prerequisite*, Advanced Journalism 82.

English Literature

INTRODUCTION TO FICTION 11, F, 3 Hrs.

This course is planned to broaden the student's knowledge of the world's best fiction and to give him standards by which he can judge the values of a story. Instruction is given in the writing of critical papers based upon subjects chosen from a list of short stories and novels by American, English, and European authors of the nineteenth and twentieth centuries.

INTRODUCTION TO POETRY 12, W, 3 Hrs.

This is a course in appreciation of poetry. The aim of the class lectures and discussions is to develop an understanding of poetry and to discover enjoyment in reading poems of distinction written by English and American authors. Instruction in the writing of critical papers is continued.

INTRODUCTION TO THE DRAMA 13, S, 3 Hrs.

The aim of the course is to make the student familiar with good literature and to give him standards of literary values in the field of drama. The course requires the reading of English, American, and European plays, and the writing of critical papers. In all three of these courses the student is encouraged to read as widely as he can, choosing books of recognized literary value on subjects that interest him. They are open to Freshmen and Sophomores and credit is given for any single quarter.

SURVEY OF ENGLISH LITERATURE 51, F, 3 Hrs.

This course, consisting of three quarters, includes the development of English literature from its beginnings to the twentieth century. Emphasis is placed upon the interpretation and appreciation of the prose and poetry of England presented against social and political backgrounds. The course is designed to meet the requirements of those planning to major in English. Three quarters are required for credit. *Prerequisite*, English 1, 2, 3.

SURVEY OF ENGLISH LITERATURE 52, W, 3 Hrs.

This is a continuation of Survey of English Literature 51. The study proceeds from the Elizabethan drama to the Romanticists of the nineteenth century. *Prerequisite*, Survey of English Literature 51.

SURVEY OF ENGLISH LITERATURE 53, S, 3 Hrs.

This is a continuation of Survey of English Literature 52. The trends of literary development in English are traced from the middle of the nineteenth century to 1914. *Prerequisite*, Survey of English Literature 52.

French

ELEMENTARY FRENCH 1, F, 5 Hrs.

This course is intended for students having no previous knowledge of the written or spoken language. Ear training is provided by the use of phonograph records; oral practice is provided through conversation and reading. Essentials of French grammar are stressed.

ELEMENTARY FRENCH 2, W, 5 Hrs.

This course is a continuation of French 1. The essentials of elementary grammar are completed. Exercises include translations both from English into French and from French into English. French cultural essays are read.

INTERMEDIATE FRENCH 3, S, 5 Hrs.

This is designed for students who have sufficient knowledge of grammar and vocabulary to read at sight ordinary French prose. The work consists of intensive reading with translation of French into English and oral drill and conversation based on extensive reading.

FRENCH LITERATURE BEFORE 17TH CENTURY 51, F, 3 Hrs.

Attention is given to development of the French language and literature to the seventeenth century. Chansons de geste, representative writings of the Middle Ages and the Renaissance are read and discussed. *Prerequisite*, French 1, 2, 3; or two years of high school French.

FRENCH LITERATURE OF THE 17TH CENTURY 52, W, 3 Hrs.

The history of French literature is continued in this course. Reading of representative selections from the French classics include plays of Corneille, Moliere, and Raine.

MODERN FRENCH LITERATURE 53, S, 3 Hrs.

French literature of the eighteenth and nineteenth centuries is briefly surveyed. Works of great prose writers and lyric poets of this period are read and discussed.

FRENCH COMPOSITION 61, F, 2 Hrs.

The purpose of this class is to provide intensive drill and review in French grammar, especially irregular verbs. Oral and written composition is based upon selections in a text. Phonetics are studied with the aid of phonograph records in French. *Prerequisite*, two years of high school French or French 1, 2, and 3.

FRENCH COMPOSITION 62, W, 2 Hrs.

Included in this course are free composition, dictation exercises, conversation on assigned topics, modern French idioms, letter writing, theme writing in French, and continued review of grammar. *Prerequisite*, French Composition 61.

FRENCH COMPOSITION 63, S, 2 Hrs.

Attention is given to sight translation of English to French, and oral reading of French poetry. The opportunity of using French orally is provided through extempore conversation, and the memorization of poems, songs, short plays, and stories. *Prerequisite*, French Composition 62.

Geology

PHYSICAL GEOLOGY 1, F, 5 Hrs.

Consideration is given to the various geologic forces acting upon the earth and the changes produced by them. Such activities as the wind, glaciers, streams, erosion, and volcanoes are studied in detail, and field trips are taken to observe the results of these agencies. Expeditions to Grand Mesa, Unaweep Canyon, and to the natural gas field at Mack, Colorado are made. Three days lecture, two days laboratory.

STRUCTURAL, DYNAMIC, ECONOMIC GEOLOGY 2, W, 5 Hrs.

Students study the structure of the earth by means of classroom discussion and field observation. Folding and faulting of the earth's crust are stressed with special reference to different types of mountains. Consideration is given to the more common rocks and minerals and the influence of geologic forces in the formation of ore deposits. Three days lecture, two days laboratory.

HISTORICAL GEOLOGY 3, S, 5 Hrs.

Origin of the earth and development and evolution of life as shown by the fossils are emphasized. Special study is made of the different types of dinosaurs found in the region of Grand Junction. Hikes and field trips are taken for the purpose of collecting and studying the fossil life of the region. Three days lecture, two days laboratory.

German

ELEMENTARY GERMAN 1, F, 5 Hrs.

This course is intended for students having no previous knowledge of German. It stresses pronunciation, reading, dictation, conversation, singing, vocabulary building, and translation exercises.

ELEMENTARY GERMAN 2, W, 5 Hrs.

One classic is read during the quarter. German idioms and strong verbs are stressed. Composition is based on reading and grammar. *Prerequisite*, Elementary German 1.

INTERMEDIATE GERMAN 3, S, 5 Hrs.

This course is designed for those who have had elementary German or who have sufficient knowledge of German grammar and vocabulary to be able to read ordinary German prose at sight. Rapid reading of several selections by representative writers is required. *Prerequisite*, Elementary German 1, 2.

History

MODERN EUROPEAN HISTORY 1, F, 3 Hrs.

The purpose of this background survey course in the history of modern Europe is to give an understanding of the larger movements of the period. This quarter's work takes Europe from the beginning of modern times to the period of the French Revolution. Political, social and economic aspects of the period are followed. Major trends, such as the development of a spirit of nationalism, and the rise of the bourgeoisie are stressed.

MODERN EUROPEAN HISTORY 2, W, 3 Hrs.

This is a continuation of Modern European History 1. It deals with European history from 1789 to late in the nineteenth century. The basic importance of the French Revolutionary and Napoleonic eras to world history is considered. The era of reaction which followed is explained, and the subsequent rise of democracy is studied.

MODERN EUROPEAN HISTORY 3, S, 3 Hrs.

This is a continuation of Modern European History 1 and 2. The work deals with European developments from late nineteenth century to the present time. Throughout the course an effort is made to integrate history with present problems, and this quarter's work especially ties up closely with current affairs. Lectures, class discussion, text books, and assigned readings are used to accomplish the purposes of the course in Modern European History.

INDUSTRIAL HISTORY OF ENGLAND 11, F, 3 Hrs.

Consideration is given to the development of the economic and social trends of England from the Norman Conquest to the complex industrial and commercial society of today. Stress is placed on current problems existing in England and how they influence business and society in the United States.

ECONOMIC HISTORY OF THE UNITED STATES 12, W, 3 Hrs.

Economic and social conditions beginning with American colonial times up to the Civil War are considered. The physiography of the various sections of the United States forms the background for the emphasis placed upon agriculture, manufacturing, commerce, and transportation.

ECONOMIC HISTORY OF THE UNITED STATES 13, S, 3 Hrs.

This is a continuation of Economic History of the United States 12. It includes study of the industrial expansion and economic development after the Civil War. The course traces the conquering of the last frontier and follows the development of the industrial revolution and business consolidation. America and the World War, the economic collapse of 1929, and the New Deal are emphasized.

HISTORY OF THE UNITED STATES 51, F, 3 Hrs.

This is the first quarter of a general course in the history of the United States, primarily for Sophomores. It deals with development from the opening of the continent to the white man to the close of the War of 1812. European background, exploration and colonization are considered. The Revolutionary War, the constitutional period, and the early national period are studied critically. The growth of American institutions during the period of economic dependence on Europe is stressed.

HISTORY OF THE UNITED STATES 52, W, 3 Hrs.

This is a continuation of History of the United States 51. It deals with the period from 1816 through the reconstruction era following the Civil War. The development of democracy and the westward movement are typical of the trends studied. The nationalistic spirit, followed by the rise of sectionalism which ended in the Civil War is dealt with. Great economic forces which affect all of these movements are considered.

HISTORY OF THE UNITED STATES 53, S, 3 Hrs.

This is a continuation of History of the United States 51 and 52. It deals with the period from late nineteenth century to the present time. Political, economic and social changes are followed. Present day American problems and world issues are explained. Lectures, discussion, text books, assigned readings in a wide range of books, and periodicals are used as materials for the course in History of the United States.

Home Economics

CLOTHING AND TEXTILES 1, F, 3 Hrs.

This course provides an opportunity to develop the principles of dress-making through garment construction. Fundamental construction processes by hand and machine are applied in repair and the making of new garments.

CLOTHING AND TEXTILES 2, W, 3 Hrs.

This course is a continuation of Clothing and Textiles 1. Further garment construction is included. A study of prices and characteristics of fabrics is made with a view toward bettering the selection of materials, ready made clothing, and accessories. *Prerequisite*, Clothing and Textiles 1; Art, Color and Design 11.

CLOTHING AND TEXTILES 3, S, 3 Hrs.

This course is a continuation of Clothing and Textiles 2. Further study is made of line, coloring and personality, and dress designs adaptable to the individual. Textile information, analysis of fabrics into weave, finish, and design are emphasized. Budgets are studied for all members of the family as well as further garment construction. *Prerequisite*, Clothing and Textiles 2; Art, Color and Design 12.

COSTUME DESIGN AND CONSTRUCTION 5, F, 3 Hrs.

This course presents a study of the development of the costume and its adaptation to present day styles. Emphasis is placed on determination of individual type, study of body lines and individual measurements, and altering of the foundation pattern. *Prerequisite*, Clothing and Textiles 3; Art, Color and Design 13.

COSTUME DESIGN AND CONSTRUCTION 6, W, 3 Hrs.

This course is a continuation of Costume Design and Construction 5. The course includes the application of line, color, and the principles of art to the designing and construction of clothing. Emphasis is laid upon the individual student as well as general application. *Prerequisite*, Costume Design and Construction 5.

COSTUME DESIGN AND CONSTRUCTION 7, S, 3 Hrs.

This course is a continuation of Costume Design and Construction 6. Further garment construction is offered. Skills stressed are fitting, tailoring, and remodeling. This final quarter of Costume Design and Construction aims at a high degree of proficiency on the part of the student. *Prerequisite*, Costume Design and Construction 6.

FOOD SELECTION AND PREPARATION 51, F, 3 Hrs.

This course presents a study of the principles of culinary art. Selection and combination of foods for nutritive value are emphasized. Preparation of food and meal service are included.

FOOD SELECTION AND PREPARATION 52, W, 3 Hrs.

This course is a continuation of Food Selection and Preparation 51. Further study is made of the special character interest and nutritive functions of food. Experience in menu building is given and further perfection of basic skills is emphasized. *Prerequisite*, Food Selection and Preparation 51.

FOOD SELECTION AND PREPARATION 53, S, 3 Hrs.

This course is a continuation of Food Selection and Preparation 52. It offers advanced methods of food preparation, emphasizing means of preserving the foods most valuable qualities. Meal planning and service are considered, taking into account various income trends and various types and sizes of families. *Prerequisite*, Food Selection and Preparation 52.

Hygiene

PERSONAL HYGIENE 1, F, 3 Hrs.

This course is a study of personal hygiene. Vital organs of the body, their care and functions, problems of individual health, and corrective measures are stressed.

PUBLIC AND COMMUNITY HYGIENE 2, W, 3 Hrs.

This course is a continuation of Personal Hygiene 1. It consists of lectures and recitations concerning the maintenance and improvement of public and community hygiene. Special emphasis is given to communicable diseases, their causes, cures, and prevention.

PUBLIC SCHOOL HYGIENE 3, S, 3 Hrs.

This course is a continuation of Public and Community Hygiene 2. It deals primarily with the study of hygienic problems of the school environment. Especial attention is given to the local situations with various field trips included in the course of study.

Library Science

LIBRARY SCIENCE 1, F, 2 Hrs.

Purpose of the course is to give the essentials of library work. Student library assistants are required to take this course. It includes two one-hour recitations a week and four hours work in the library. Study is made of circulation management, classification, shelf arrangement, simple cataloging, filing, and use of reference tools.

LIBRARY SCIENCE 2, W, 2 Hrs.

This course is a continuation of Library Science 1. Magazines and magazine indexes, book selection, bibliography, and government document classification are considered.

LIBRARY SCIENCE 3, S, 2 Hrs.

This course is a continuation of Library Science 2. Organization of small libraries and stress on children's literature are emphasized during this quarter.

Mathematics

MATHEMATICS 1, F, 3 Hrs.

This course is designed for the student who has had little mathematics in high school, and who does not intend to study more than one year of college mathematics. Algebra is considered insofar as the student's background will permit with emphasis on factoring, fractions, linear equations, and quadratic equations.

MATHEMATICS 2, W, 3, Hrs.

The course continues from Mathematics 1. Subjects are well integrated and there is no abrupt change from one field of mathematics to another. A basis of plane trigonometry is given and its applications to problems are stressed.

MATHEMATICS 3, S, 3 Hrs.

This course continues from Mathematics 2. Applications of mathematics to the fields of natural science, statistics, and business are introduced where possible. Portions of calculus are presented to the student. Modern physical principles are considered frequently throughout the course.

COLLEGE ALGEBRA 11, F, 5 Hrs.

This course is designed for engineering students with adequate high school preparation. It is a more intensive course than Mathematics 1. A thorough review is given in the fundamental operations, simultaneous quadratic equations, inequalities, theory of equations, ratio, proportion, variation, binomial theorem, progressions, permutations, combinations, and probability. *Prerequisite*, elementary high school algebra, plane and solid geometry, and advanced high school algebra.

TRIGONOMETRY 12, W, 5 Hrs.

Emphasis is placed on study of trigonometric functions, logarithms, solution of right and oblique plane triangles, complex numbers, identities, trigonometric equations, and right spherical triangles. *Prerequisite*, College Algebra 11.

ANALYTICAL GEOMETRY 13, S, 5 Hrs.

Thorough consideration is made of the straight line, polar coordinates, conic sections, the parabola, and central conics; three dimensional coordinates; the plane, straight line, and quadric surfaces in solid analytical geometry. *Prerequisite*, College Algebra 11 and Trigonometry 12.

CALCULUS 51, F, 5 Hrs.

This course is a study of differential calculus. It includes standard methods of differentiation of algebraic and trigonometric functions. *Prerequisite*, Mathematics 11, 12, 13.

CALCULUS 52 W, 5 Hrs.

This course is a study of integral calculus. Standard methods of integration of common algebraic and trigonometric functions are developed. *Prerequisite*, Calculus 51.

CALCULUS 53, S, 5 Hrs.

This course stresses series and important practical applications of integration. Double and triple integrals are studied. *Prerequisite*, Calculus 52.

ENGINEERING DRAWING 1, F, 3 Hrs.

Use of drawing instruments, lettering, principles of orthographic projections, dimensions, reading drawings, auxiliary and sectional views are stressed. The course includes six hours of drafting, with quiz sections.

ENGINEERING DRAWING 2, W, 3 Hrs.

Orthographic projection of points, lines, planes, and curved surfaces mostly in the third quadrant of projection are studied. The change of position method is applied to a series of practice problems and practical problems. Practical problems are presented as they would be encountered in engineering practice. The course includes six hours of drafting, with quiz sections. *Prerequisite*, Engineering Drawing 1.

ENGINEERING DRAWING 3, S, 3 Hrs.

Isometric, dimetric, oblique, cabinet drawing, linear perspective, working drawings, development of surfaces, tracing and blue printing are considered. The course includes six hours of drafting. *Prerequisite*, Engineering Drawing 1 and 2.

Music

MUSICIANSHIP 1, F, 2 Hrs.

This course is an introduction to the basic technique of music. It includes the mastery of scale building and the development of a sense of interval feeling with attendant ear training including solfege and dictation. This course is fundamental in musical training and may profitably be used as a companion course with the more intensive study of harmony. It also furnishes a basis for the true appreciation of music and for proficiency in sight singing and score reading. It is required of all students who intend to major or minor in vocal, instrumental, or theory of music.

MUSICIANSHIP 2, W, 2 Hrs.

This is a continuation of Musicianship 1. Emphasis will be placed on sight singing, ear training, and music terminology. Special effort will be made to impress melodic interpretation and its value on the individual student. *Prerequisite*, Musicianship 1.

MUSICIANSHIP 3, S, 2 Hrs.

An elementary course in conducting will constitute the main portion of this course including mastery of the movable C cleff, score reading, baton technique, and fundamentals of interpretation. The student will have the opportunity of working with choir, orchestra and band. *Prerequisite*, Musicianship 1 and 2.

HARMONY 11, F, 3 Hrs.

Practice in chord progression and the harmonizing of simple melodies and basses is made. Groundwork is given in the melodic, harmonic, and rhythmic elements of music. Major and minor chords, keys and scales, intervals and cadences are studied in singing, writing, playing, and dictation.

HARMONY 12, W, 3 Hrs.

This is a continuation of Harmony 11. During the winter quarter the student will become familiar with the primary chords and their inversions, and dominant seventh chords and their inversions. The study of four-part harmony from the standpoint of part writing is begun. *Prerequisite*, Harmony 11.

HARMONY 13, S, 3 Hrs.

This is a continuation of Harmony 12. The study of the secondary chords, dominant ninth chords, and simple modulation is offered. Emphasis is placed on original studies and harmonic dictation. *Prerequisite*, Harmony 12.

COLLEGE CHOIR 21, 71, F, 1 Hr.

The course is open to all college students. During the fall quarter correct methods of singing as well as choral selections are taught. The choir appears at many college assemblies, presents programs before civic organizations, and makes at least one public appearance. Each year a Christmas vesper service is presented at the last college assembly before the Christmas holidays. Radio broadcasting principles and techniques are studied during this quarter.

COLLEGE CHOIR 22, 72, W, 1 Hr.

This is a continuation of College Choir 21, 71. In the winter quarter advanced members of the choir study vocal repertory with emphasis upon roles to be used in the spring concert at the annual western Colorado and eastern Utah high school Music Festival. At frequent intervals the choir presents radio broadcasts over station KFXJ, Grand Junction. A special Easter program is presented annually just before the beginning of spring vacation.

COLLEGE CHOIR 23, 73, S, 1 Hr.

This is a continuation of College Choir 22, 72. During the spring quarter an oratorio or cantata with orchestral accompaniment is presented at a public performance. Trios, quartets, octets, and mixed double quartets are chosen from the choir personnel and featured in radio broadcasts.

COLLEGE BAND 31, 81, F, 1 Hr.

This course is open to all college students with previous band experience. Individual attention is given to each member of the group to develop particular techniques to blend with the ensemble. The band plays at the student assemblies, leads the Homecoming parade, and is featured at all of the home football games.

COLLEGE BAND 32, 82, W, 1 Hr.

This is a continuation of College Band 31, 81. Beginning the winter quarter, the band practices the selections that will be used in the high school band tournaments. Before the close of the quarter, the band travels to the high schools of the Western Slope, playing the tournament numbers. The band also plays at the home basketball games and many student assemblies.

COLLEGE BAND 33, 83, S, 1 Hr.

This is a continuation of College Band 32, 82. In the spring quarter special emphasis is placed on marching maneuvers. Advanced numbers are worked out and presented at the annual western Colorado and eastern Utah high school Music Festival.

SYMPHONY ORCHESTRA 41, 91, F, 1 Hr.

Mesa College Symphony orchestra is made up of the professional artists of Grand Junction, outstanding members of the high school musical organizations, and qualified college students. During the fall quarter the orchestra presents a concert for the Colorado Education Association convention that meets annually in Grand Junction.

SYMPHONY ORCHESTRA 42, 92, W, 1 Hr.

This is a continuation of Symphony Orchestra 41, 91. During this quarter the orchestra presents concerts in some of the larger communities of western Colorado. Numbers are selected and practice is started for the annual spring concert.

SYMPHONY ORCHESTRA 43, 93, S, 1 Hr.

This is a continuation of Symphony Orchestra 42, 92. The outstanding appearance of the orchestra during the year is made at the annual spring concert that attracts patrons from many sections of Colorado and Utah. Each year the orchestra has the privilege of working with an internationally famous artist, who is usually presented at the spring concert.

HARMONY 51, F, 3 Hrs.

In the fall quarter modulation, primary and secondary sevenths and their inversions are studied. This course is presented to help the student develop an artistic musical feeling in both melodic phrasing and rhythm. *Prerequisite*, Harmony 13.

HARMONY 52, W, 3 Hrs.

This is a continuation of Harmony 51. Special study is applied to altered chords, nonharmonic tones and chromaticism. Emphasis is again stressed in both melodic phrasing and rhythm. Advanced study is given in modal scales and harmonic dictation. *Prerequisite*, Harmony 51.

HARMONY 53, S, 3 Hrs.

This is a continuation of Harmony 52. Harmonic and structural analysis and composing in the smaller forms is considered. No adequate understanding of a composition can be gained, nor can an authoritative interpretation be given, without an intensive analytical study of musical form. The larger and more complex the composition, the greater the need for exhaustive examination of the component parts. *Prerequisite*, Harmony 52.

HISTORY AND APPRECIATION OF MUSIC 61, F, 3 Hrs.

The rise and development of music from the early Greeks until the beginning of the 18th century is studied in this course.

HISTORY AND APPRECIATION OF MUSIC 62, W, 3 Hrs.

This course is a study of the development and perfection of the sonata form and of the concurrent developments in opera; the music of the classic and romantic periods is considered.

HISTORY AND APPRECIATION OF MUSIC 63, S, 3 Hrs.

Attention in this course is given to Wagner, Brahms, Liszt, Elgar, Debussy, Strauss, Stravinsky, Sibelius, Bloch, Schoenberg, and others. The aim of the course is to give the student a background for the appreciation of modern music. Scores of modern composers are studied. Lectures are illustrated with phonograph recordings.

METHODS OF PUBLIC SCHOOL MUSIC 70, S, 2 Hrs.

Methods of teaching rote songs and study songs as well as an analysis and evaluation of the methods of teaching sight singing are emphasized. The evolution and use of the musical playlet and the operetta and the planning of programs will constitute a portion of this course. No text is required. Outside readings, lectures, term papers, and journal. *Prerequisite*, Musicianship 1.

PRIVATE MUSIC INSTRUCTION

One of the advantages of attending Mesa College is the excellent private music instruction the student may receive. Private instruction offered is complete in all of the fields of music and includes woodwinds, brass, string, piano, and vocal. The instructors teaching the private courses are highly qualified; each is an artist in a particular field of music. Private instruction fees are within the reach of almost every student.

Physical Education

PHYSICAL EDUCATION FOR MEN 1, F, 1 Hr.

TENNIS—Introductory instruction is offered in this sport, with emphasis laid upon rules, the service, stroking, and foot work. **TOUCH FOOTBALL**—The fundamentals of this sport are taught to the beginners and actual participation makes for excellent physical exercise and enjoyment.

PHYSICAL EDUCATION FOR MEN 2, W, 1 Hr.

SWIMMING—Beginning and advanced instruction in this sport is offered under strict supervision. **TUMBLING**—Basic fundamentals of muscular control and coordination are stressed in an introduction to this sport. **WRESTLING**—Emphasis is placed on a rudimentary knowledge of holds, approach, and physical conditioning. **GYMNASTICS**—The student is taught proficiency on the parallel bars, ropes, and horse, and may specialize in a particular field of interest.

PHYSICAL EDUCATION FOR MEN 3, S, 1 Hr.

SOFTBALL—Beginners are taught the rules and then join in participation in this sport. **TENNIS**—Usually a carry-over from the fall quarter, hence instruction and practice is offered in improvement of the fundamental principles. **GOLF**—Instruction in the basic fundamentals of this sport is given, with stress laid on the stance, drive, putting, etc.

PHYSICAL EDUCATION FOR MEN 51, F, 1 Hr.

ADVANCED TENNIS—Further participation and tournament play are engaged in during this quarter. **ADVANCED SWIMMING**—Advanced instruction is offered during this quarter's work. Intramural meets are organized.

PHYSICAL EDUCATION FOR MEN 52, W, 1 Hr.

BASKETBALL—Basic instruction in the fundamentals of play is offered. Intramural games are played. **BADMINTON**—Courts and equipment are available to those students interested, with instruction for beginners. Intramural play in all sports is carried on. Students securing a permit from the department may earn their credit by participation in the Intramural Program. **ADVANCED SWIMMING**—Further participation in this sport is offered, with advanced instruction on strokes, breathing, and diving.

PHYSICAL EDUCATION FOR MEN 53, S, 1 Hr.

ARCHERY—Instruction in the use of the bow and arrow is given, with adequate facilities for proficiency. **ADVANCED TENNIS**—Further opportunity is given for those students desiring proficiency in this sport. **ADVANCED GOLF**—Special instruction is offered to those students who have reached a designated level of proficiency.

CORRECTIVE PHYSICAL EDUCATION Students who need corrective physical exercise will be given thorough instruction in exercises designed and conducted to develop each individual.

EQUIPMENT All equipment, such as tennis rackets and balls, golf clubs and balls, and gym and swimming suits, must be furnished by the student.

PHYSICAL EDUCATION FOR WOMEN 1, F, 1 Hr.

TENNIS—Introductory instruction is offered in this sport, with emphasis placed upon rules, the services, stroking, and footwork. **SWIMMING**—Beginning and advanced instruction in this sport is given under strict supervision. **FOLK DANCING**—Instruction is offered in this most interesting field of the dance. Introduction to the dances of various nations and regions of the world and of our own country is given.

PHYSICAL EDUCATION FOR WOMEN 2, W, 1 Hr.

BASKETBALL—Beginners are given the rules and introductory technique of the game, followed by actual participation in this sport. **TAP DANCING**

—Beginners are taught the fundamentals of this form of dance. Upon mastery of the introductory techniques, advanced work is possible.

VOLLEYBALL—Rules, scoring, plays, and proper form of execution of these plays are stressed. Further participation in interclass or intramural play is encouraged.

PHYSICAL EDUCATION FOR WOMEN 3, S, 1 Hr.

SOFTBALL—Beginners are taught the rules and then join in participation in this sport. **GOLF**—Instruction in the basic fundamentals of this sport is given with stress placed on the stance, drive, putting, etc. **RIDING**

—Horseback riding is available to interested students. Properly conditioned animals are available, as well as adequate and expert supervision. **TENNIS**

—Usually a carry-over from the fall quarter, hence instruction and practice are offered in improvement of the fundamental principles. **MODERN DANCE**—Instruction in the field of the modern dance is offered to interested students; new impressions and interpretations are stressed.

PHYSICAL EDUCATION FOR WOMEN 51, F, 1 Hr.

ADVANCED TENNIS—Further participation and tournament play are engaged in during this quarter. **ADVANCED SWIMMING**—Advanced instruction is offered during this quarter's work. Intramural meets are organized. **ADVANCED FOLK DANCING**—Further instruction is offered in this field and many more dances are introduced, stressing proficiency.

PHYSICAL EDUCATION FOR WOMEN 52, W, 1 Hr.

ADVANCED BASKETBALL—Further opportunity for participation is given to students interested in this sport. Intramural games are a part of the program. **ADVANCED TAP-DANCING**—Advanced training and participation in this field is open to those students who have satisfactorily completed one quarter of beginning training. **ADVANCED VOLLEYBALL**

—Further participation is open to students interested in this sport. Intramural tournament play is a part of this offering.

PHYSICAL EDUCATION FOR WOMEN 53, S, 1 Hr.

ADVANCED SOFTBALL—Team play, individual instruction, and intramural participation is emphasized for the advanced student. **ADVANCED GOLF**—Special instruction is offered to students who have reached a designated level of proficiency. **ADVANCED HORSEBACK RIDING**—Further experience in riding is open to students who have completed one previous quarter in this activity. **ADVANCED TENNIS**—Further opportunity is given for those students desiring proficiency in this sport. **MODERN DANCE**—More intensive training is available for advanced students in the field of the modern dance. Increasingly difficult exercises and interpretation are taken up as the student's ability will permit.

CORRECTIVE PHYSICAL EDUCATION Students who need corrective physical exercise will be given thorough instruction in exercise designed and conducted to develop each individual.

EQUIPMENT All equipment, such as tennis rackets and balls, golf clubs and balls, and gym and swimming suits, must be furnished by the student.

Physics

GENERAL PHYSICS 51, F, 5 Hrs.

Two of the six topics of a general physics course are considered each quarter. During the fall quarter mechanics and heat are studied. The fundamental facts and principles of these subjects are presented with practical applications. One three-hour laboratory period each week is required of all students. Experimental work in mechanics and heat is done. Lecture one hour, recitation three hours. *Prerequisite*, College Algebra 11, Trigonometry 12.

GENERAL PHYSICS 52, W, 5 Hrs.

This is a continuation of General Physics 51. Sound and light are presented with experimental demonstrations. The historical theories as well as the modern theories of these two subjects are considered. One three-hour laboratory period each week is required of all students. Experimental work in sound and light is done. Lecture one hour, recitation three hours. *Prerequisite*, College Algebra 11, Trigonometry 12.

Psychology

GENERAL PHYSICS 53, S, 5 Hrs.

This is a continuation of General Physics 52. The two topics for the spring quarter are electricity and magnetism. Many experiments are performed and several field trips are taken to make the student aware of practical applications. One three-hour laboratory period each week is required of all students. Experimental work in electricity and magnetism is done. Lecture one hour, recitation three hours. *Prerequisite*, College Algebra 11, Trigonometry 12.

GENERAL PSYCHOLOGY 51, F, 3 Hrs.

This course is designed not only to give the student the fundamental understanding of the causes and methods of behavior, but also to give him practical suggestions for the control and improvement of his own life. Emphasis this quarter is placed on individual differences, intelligence, personality and its measurement, emotions, motivation, and the dynamic factors in personality.

GENERAL PSYCHOLOGY 52, W, 3 Hrs.

Emphasis during the second quarter is given to the role of psychology in the solving of personal and social problems, attention and perception, the special senses, learning, thinking and language.

MENTAL HYGIENE 53, S, 3 Hrs.

The course in Mental Hygiene naturally follows the two quarters in general psychology and treats more in detail certain behavior problems. Its emphasis is upon the development of a normal, wholesome personality with a minimum of emphasis on pathological behavior. It deals with such factors as habit, fatigue, conflict, work and play, fear and worry, success and failure, reward and punishment, mental attitudes, suggestion, and the like.

Political Science**AMERICAN GOVERNMENT 1, F, 3 Hrs.**

This is an introductory course in American government, intended as a preparation for advanced work in political science, as a prerequisite for pre-law students, and for good citizenship. The course deals with the fundamental principles upon which the American government is founded, the organization and services of the national, state, and local governments, and with current political problems and situations. Special emphasis is placed on local and state situations and, whenever feasible, field trips are organized. The course is presented from a functional standpoint and is a full year course. The first quarter covers historical backgrounds, structure of government and legal bases, general internal organizations, powers and relations of governmental units, and citizenship and civil rights.

AMERICAN GOVERNMENT 2, W, 3 Hrs.

This course is a continuation of American Government 1, covering political process, legislators and legislations, administration, and public finance. Special emphasis is laid upon state organization. *Prerequisite*, American Government 1.

AMERICAN GOVERNMENT 3, S, 3 Hrs.

This course is a continuation of American Government 2, covering external affairs and defense, the courts and law enforcement, government regulation of the economic order, conservation and agriculture, and labor and public welfare. Special emphasis is placed upon municipal organization. *Prerequisite*, American Government 2.

Social Science**FRESHMAN ORIENTATION 1, F, 1 Hr.**

The course, required of Freshmen, meets once a week to consider problems of adjustment to college life. Lectures by various members of the faculty are supplemented by discussions of small groups. Some of the subjects are: college and life, social etiquette, personality development, good mental habits, and citizenship in a changing world.

FRESHMAN ORIENTATION 2, W, 1 Hr.

This course is a continuation of Freshman Orientation 1, with the same physical setup and orientation principles emphasized. Some of the topics are: occupational possibilities, how to look for, find and hold a position, worthy use of leisure time, community relationships, and socialized life.

FRESHMAN ORIENTATION 3, S, 1 Hr.

This quarter's work completes the orientation courses. It further develops an understanding of the social and physical world of change by means of the following subjects: mental conflicts, marriage, the family, popular science, and vocational and occupational problems.

Sociology

INTRODUCTION TO SOCIOLOGY 51, F, 2 Hrs.

A systematic view of sociology is presented, providing for an intelligent approach to questions about man in society. The course is an introductory study in the theory of sociology, including study of social institutions, their proper functions and chief defects, basic social processes, and social philosophies.

SOCIOLOGY OF THE FAMILY 52, W, 2 Hrs.

This course presents an analysis of the problems and trends in the American family in terms of the changes and tensions of social life today, with an examination of the important aspects of courtship and marriage. Formation of personality in the parental family, parenthood, family disorganization, and family morality are stressed.

RURAL SOCIOLOGY 53, S, 2 Hrs.

The study of social problems of rural community life is introduced with emphasis upon modern trends and conditions. Presentations include American rural society, its organization and structure, its peoples and their character, its functions and institutions, and its policies and activities.

Zoology

ELEMENTARY ZOOLOGY 1, F, 3 Hrs.

This course deals with the lower invertebrates beginning with the simple cell. Zoology 1, 2, 3, is a basic course in zoology, giving an appreciation of the development of the entire animal kingdom.

ELEMENTARY ZOOLOGY 2, W, 3 Hrs.

This course is a continuation of Zoology 1, stressing the higher invertebrates, their structural and functional advances, and their economic importance. *Prerequisite*, Zoology 1.

ELEMENTARY ZOOLOGY 3, S, 3 Hrs.

This course is a continuation of Zoology 2. Study of the vertebrate with special emphasis on man and his advancement is emphasized. *Prerequisite, Zoology 2.*

Vocational Education

RELATED TRAINING 1, 2, 3, 51, 52, 53, F, W, S, 5 Hrs.

This course is a practical combination of counselling on the job and off the job students. Consideration of specific problems arising on the job, and academic training relative to the specific occupation of the individual student are studied. Students registered in the Vocational Education Department are required to take this course with Occupational Training 10, 11, 12, 61, 62 and 63. Classes are held one hour daily in charge of the Vocational Administrator. Standards of achievement, behavior, ethics, salary, labor conditions, and employment future are carefully considered. Each student's problems are given individual attention both in private conference and class discussion. Men of outstanding occupational achievement within the community are invited to participate in class activity. Numerous field trips are taken depending upon accessibility of the occupational center. *This course is limited. Apply to the Vocational Administrator.*

OCCUPATIONAL TRAINING 10, 11, 12, 61, 62, 63, F, W, S, 5 Hrs.

This course represents actual on the job training. The student by virtue of some exploratory work and intensive counselling with the Vocational Administrator chooses his occupation. He is then placed as an apprentice or assistant in the actual occupation situation. He is required to spend three hours daily in this activity and is under the direct control of the master workman. The student is required to enroll in Related Training 1, 2, 3, 51, 52, and 53 along with this course. Practical experience and mastery of the occupation by on the job training is the aim of this course. The course is limited. The training of the young student to take his place as an earner in his community is the primary purpose of this learning experience. *This course is limited. Apply to the Vocational Administrator.*

City Is Students' Mecca

OPPORTUNITIES Grand Junction, one of the most ideal college towns in the Rocky Mountains, offers many advantages to the students of Mesa College. The city, one of the largest in the state, is a leading wholesale and retail distribution center and affords unusual opportunities for the working student.

The cosmopolitan atmosphere of Grand Junction teems with cultural interests blended with a true feeling of western hospitality, giving the student an opportunity to absorb influences that make up a well-rounded background.

Student Employment

EMPLOYMENT BUREAU One objective of Mesa College is to help young men and women attend college by providing employment opportunities. Each fall the director of student employment and members of the faculty make a concentrated effort to help find a job for the student who must work to support himself while he is in school.

Grand Junction business men and residents are generous in offering employment to students and cooperate with the work placement director in securing students who are best qualified.

Students who are considering earning a part of their expenses while they are enrolled in Mesa College must realize that they are expected to be as devoted to their jobs as though they were regular employees. The director of the employment bureau must be convinced of this realization before he will place the student, and any student who, by neglect, undependability, or negligence, is discharged from a job will receive no further assistance from the bureau.

Every student who has had to have work in past years has been able to find a job. It is important, however, that the student shall have enough money to enable him to stay in school at least two months. It is of course difficult to place a student immediately after his arrival in Grand Junction.

N. Y. A. WORK AID The United States government through the agency, National Youth Administration, makes grants-in-aid to a limited number of Mesa College students. Genuine need and sincerity of purpose as well as ability to do college level work satisfactorily are the considerations upon which assignments in this field are made.

The National Youth Administration entrusts the choice of students, rate and amount of remuneration within certain specified limits, and the control of the funds to the College authorities. Students who believe they are eligible and wish to qualify for such aid may make application at the office of the Registrar. The majority of the assignments are made at the beginning of the fall quarter.

PLACEMENT BUREAU When a student has completed his work at Mesa College and wishes to enter a field of employment, the work placement director helps the student obtain employment for which he is best fitted. In the past many Mesa students who did part-time work in a particular field, became full-time employees in that field after completing their college course. Others have taken special work at Mesa to fit themselves for a particular position.

Living Accommodations

HOUSING FACILITIES Mesa College does not have dormitories but many desirable homes in Grand Junction are opened to the students. The administration requires that homes in which students live be approved by the College authorities. A list of such accommodations is available in the office of the Dean of Women or Dean of Men.

HOUSING REGULATIONS Out-of-town students who board and room in Grand Junction during the college academic year are expected to observe the Dean's regulations concerning study, recreation, etc. Women students are expected to be in their places of residence by 9:30 p. m. on week nights. Women shall be in their residences by 1:30 Friday night, 12:30 Saturday night, and 10:30 Sunday night. Landladies are requested to report repeated violations of these rules to the Dean of Women.

Recreational Advantages

GRAND MESA The largest flat-topped mountain in the world and one of the outstanding scenic wonders of the Rocky Mountain region is a short distance east of Mesa College. Grand Mesa is 53 square miles in area and ranges in altitude from 10,200 to 10,300 feet. Over 200 lakes, all well-stocked with many varieties of mountain trout, make this wonderland a fisherman's paradise. The annual Freshman-Sophomore picnic in the spring is held at Grand Mesa. The ski course at Grand Mesa is gaining fame as one of the best and most popular slides in the Rockies.

SERPENT'S TRAIL West of Grand Junction a few miles, in the Colorado National Monument, is one of the most picturesque and beautiful drives and picnic resorts in the West. The strange rock formations in dazzling colors guard the burial grounds of dinosaurs and other prehistoric mammals that once roamed the region. Students who like to hike and climb find their endurance and skill challenged by the precipitous cliffs.

Community Life

ART Students interested in the arts have ample opportunity to study and develop their talents at Mesa College. Art exhibits are frequently hung in the Grand Junction public library and in the art gallery of the new college building, which is said to be the best designed gallery in the region. The majestic mountains, colored rock formations, and active industrial scenes in and near Grand Junction offer a wealth of material for the art student.

BOOK REVIEW HOUR Among the cultural opportunities offered by Mesa College is the series of book reviews given each year during the winter quarter. The presentation, open to all students of the college and members of the community, seeks to reach a large public by securing speakers qualified by their special interests and training to present books on a wide variety of subjects. Recent fiction, drama, books of travel, and biography all have their places on this program.

COMMUNITY SERVICE Mesa College is an integral factor in the educational, social, and cultural development of western Colorado and eastern Utah. Faculty members are available for lectures or discussions on a wide range of subjects. Student music and dramatic groups are constantly called upon to appear before public or private groups.

DRAMA Theatre Arts play an important part in the life of Mesa College. In addition to the class and laboratory work in play production and appreciation, there are frequent public performances in the various fields of the theatre, in which the College students participate.

In the spring quarter students direct and produce plays that they have written. They have entire charge of the casting, direction, and production.

Another medium of expression for students interested in the drama is broadcasting over radio station KFXJ. Skits and plays written and directed by College dramatists are presented over the air at frequent intervals.

MUSIC Students attending Mesa college have the opportunity to hear and become acquainted with outstanding musicians in the Rocky Mountain region. Frequently traveling artists appear in Grand Junction. The Mesa College symphony orchestra is rated as one of the outstanding groups in the West. Students of outstanding ability are assigned chairs in the orchestra.

RELIGION The churches in Grand Junction all cooperate with the College in meeting the needs for religious education among the students. Student classes in Sunday School and young people's organizations are sponsored by most of the churches. Many Mesa College men and women sing in various church choirs in the city.

Campus Life

Associated Students

STUDENT GOVERNMENT The associated students of Mesa College have charge of all student activities. Management of their affairs is vested in a council composed of student officers, class representatives, and faculty members. Part of the student activity fee, paid at registration, is administered by the council to further student projects.

Activities sponsored by the student association include dramatics, *Criterion*, the college newspaper, social activities, and special interest clubs. Responsibilities of the student council give the members practical experience in many of the situations they will encounter in everyday life.

ASSOCIATED MEN STUDENTS Recently the men of Mesa College organized a group similar in purpose to the Associated Women Students. The men help to foster close relations among all students and endeavor to help new students become acquainted. The true western spirit of Mesa College is in part due to the efforts of the Associated Men Students.

ASSOCIATED WOMEN STUDENTS The organization includes all women in the student body. One purpose of the group is to help new students become acquainted and feel at home in Mesa College. Teas, all-women parties, hikes, and athletic events are sponsored. During the winter quarter the women entertain the men at an informal dance.

Avocational Activities

ASSEMBLIES Student attendance is requested at all convocations held at regular intervals. Programs for the assemblies are planned by a student and faculty committee. The programs are varied, utilizing student talent in dramatics, music, and other mediums of expression. Stimulating outside speakers appear on the programs, discussing timely, vocational, and cultural subjects.

CRITERION The official Mesa College newspaper is edited and managed by students enrolled in the journalism courses. Staff members receive practical experience writing and editing news stories, interviewing campus visitors and assembly speakers, selling advertising, and conducting the circulation. The *Criterion* attempts to present all the news of interest to the students. The heads of the various departments are usually sophomores who have had the first year course in journalism.

HIKING CLUB Mesa College is ideally located to sponsor an active and growing hiking club open to all students. During the fall and spring quarters the club gives students an opportunity to enjoy organized hikes, fries, and bicycle excursions.

INTERNATIONAL RELATIONS CLUB Students of Mesa College have an ample opportunity to keep up with the various schools of thought on the pressing international questions of the day by joining the organization. The group consists of students interested in the conflicts and workings of the international scene.

The Carnegie endowment furnishes the club with the latest available literature written by recognized authorities on foreign relations. Members attend the Rocky Mountain Divisional conference of college clubs held during the fall quarter.

MESA TROUPERS Each year a group of twenty or more students talented in dancing and singing visit high schools on the Western Slope, presenting programs depicting the student life at Mesa College. Each season during the winter and spring quarters the troupe travels between 800 to 1,200 miles in a college bus. In past years the programs have ranged from musical comedies to semi-classical productions. Competition for places on the roster of the Mesa Troupers is keen and selection as a member is considered a distinct honor. In addition to visiting the high schools, the troupe often appears before civic and organization meetings on the Western Slope.

MINERALOGY CLUB All students interested in the subject are eligible for membership. At regular meetings members present papers, study and discuss mineralogy, chemistry, and geology. Field trips to nearby points of interest and to places as far afield as Ouray and Telluride are taken by the group.

PRESS CLUB Students majoring in journalism recently organized this local group for social and educational purposes. Membership is open to staff members of the Criterion, journalism majors and minors, and students interested in related fields of writing. There are no membership dues.

A committee arranges frequent programs and conducts a number of social activities during the year. The most outstanding activities are the picnic and banquet in the spring. Awards to staff members for meritorious service are presented at the banquet.

WINTER SPORTS CLUB Mesa College has an active winter sports club open to all students. Skiing and ice skating trips are sponsored. One-day trips and over-night trips are taken, giving students both outdoor activity and the social joys of camping trips. The club members are allowed to use the ski courses and the tow on Grand Mesa. The trips are managed with the least possible cost to the student. Skiing and skating instruction is given to beginners.

Social Life

SOCIAL ACTIVITIES Mesa College has a full calendar of social activities during the year through which the social needs of every student are satisfied. These activities are under the direction of the Dean of Women who aids students and organizations in planning a wholesome social program.

The College administration believes that an important phase of its instruction is the social training which the student receives in connection with the activities of the institution. Proper social usage is fostered and encouraged.

Among the traditional social affairs that have become an important part of the year's calendar are a faculty reception which is held at the beginning of the fall quarter; the Sophomore party for the Freshmen in the fall; the Freshmen picnic for the entire student body in the spring; the Soiree, one of the formal functions of the college, held during the winter quarter, and the social functions of commencement week.

All-college picnics, parties, dances, teas, and hikes as well as small group and organization functions furnish variety and opportunity for students to engage in social activities.

DELTA ZETA PHI This men's social fraternity, chartered by Mesa College during the winter quarter of 1938-39, was created to fill a need for organized social activity among the men students of the College. It is open to selected men of good moral character who carry 12 hours of college work with a "C" average. Delta Zeta Phi actively participates in school functions and sponsors various parties and dances, including an annual formal dance.

GAMMA KAPPA This social sorority was organized October 4, 1935. The purpose of the organization is to promote cooperation between the members of the organization and the faculty and student body.

The sorority participates in all activities of the school. Among its activities are a Christmas party for active and alumnae members, during Christmas vacation, and an annual spring formal.

Active membership is restricted to twenty-five women who are chosen from both Freshman and Sophomore classes.

KAPPA SIGMA NU Kappa Sigma Nu, social fraternity, was installed February 17, 1937, with a charter membership of fifteen Sophomore men. Criteria of eligibility is based upon character, personality and scholastic standing. Like all other social fraternities, Kappa Sigma Nu pursues a definite aim toward fraternalism, comradeship, and loyalty to the college and community.

Social activities include dances, informal dinners, skating and skiing parties. The fraternity's annual formal dance is held in May.

Social Life

ZETA CHI Organized in 1938, Zeta Chi, social sorority, develops cultural habits, and perpetuates a spirit of enthusiasm linking the sorority with the development and growth of Mesa College.

It sponsors social functions for the members and cooperates in all-school dances, parties, and picnics.

Membership is not limited to a certain number of girls but grows with the College enrollment. Pledges are selected from both the Freshman and Sophomore classes.

Honorary Organizations

DELTA PSI OMEGA The national honorary dramatics fraternity is open to students who have participated in College drama activities. The local chapter is Cast 98. Students who have contributed to the College plays, whether in acting, stage work, designing, or playwriting, are eligible for membership.

THE "M" CLUB Mesa College men who win monograms in major competitive sports are awarded the official "M" and are eligible for membership in the organization. Members of the club work for the development of athletics in Mesa College and the Intermountain Junior College conference. Sportsmanship and high ideals are perpetuated.

PHI THETA KAPPA Phi Theta Kappa, national honorary junior college fraternity, is represented in Mesa College by Beta Phi chapter. This organization corresponds to Phi Beta Kappa in senior colleges and universities. Membership in the fraternity is open to students of good moral character, who carry fifteen hours of college work a quarter, and who stand in the upper ten per cent of their class with a scholastic average of "B" or better. The objectives of the organization are to sponsor worthy projects and to promote school spirit and interest as well as scholarship. Freshmen may be pledged to this active organization during the second quarter of the school year. The fraternity was organized in the Missouri junior colleges and includes many outstanding chapters throughout the country.

TRIDENT The women's pep organization is one of the most active groups on the campus. Members are responsible for demonstrations and stunts at all athletic contests and work to develop school spirit. Membership is gained through high scholastic average and active participation in school activities.

Scholarships, Loans, Gifts

Financial Aid

SCHOLARSHIPS FOR HIGH SCHOOL GRADUATES The major men's and women's clubs of Grand Junction and surrounding communities grant scholarship endowments to Mesa College to one Freshman from every high school in western Colorado, outside of Mesa County, and in eastern Utah. These scholarships cover the cost of tuition, \$75, for the Freshman year only. Scholarship students must maintain at least a "C" average.

To be eligible for one of these scholarships, a student must secure the recommendation of his high school principal. He should be in the upper one-third of his high school graduating class and must be deserving of scholarship aid from a financial standpoint. These scholarships are provided for the purpose of aiding students who would otherwise not be able to attend college.

The Grand Junction Lion's Club in conjunction with other clubs in Colorado and Utah awards scholarships to worthy young men and women. The Grand Junction Lion's Club matches each scholarship granted by a Lion's Club in other towns and cities. Students living outside of Mesa County should make application to the Club in their own community.

SCHOLARSHIPS FOR MESA GRADUATES Most of the major colleges and universities in the Rocky Mountain region offer scholarships to Mesa graduates who have made outstanding records.

LOAN FUNDS Mesa College students have access to funds maintained by the Business and Professional Women's Club and by Chapters N and AQ of the P. E. O. Sisterhood. The Hazel Moore Lewis fund, a revolving loan for text books, is available for students who need short-time credit.

AWARDS Mt. Garfield Chapter of the Daughters of the American Revolution gives a cash prize each year to the Sophomore who makes the highest average in the course in United States history.

The Grand Junction Woman's Club gives an award to the Sophomore student who does the best work in English.

Other awards are given by Phi Theta Kappa, scholastic fraternity, and the Balfour Company.

MURR MEMORIAL LIBRARY In the fall of 1934, the College library received the William and Hattie Murr bequest, and in 1937, a three-year grant from the Carnegie Corporation of New York. These grants have helped to provide adequate reading and reference material for the students and faculty.

Athletic Program

Physical Education

MEN'S PHYSICAL EDUCATION Every man at Mesa College is expected to spend a portion of each week in healthful physical activity. The course of instruction includes swimming, tumbling, golf, tennis, boxing, wrestling, fencing, and many organized games. Every man is encouraged to become proficient in at least one sport designed to establish desirable habits and promote a recreational background. A special activity class is organized each quarter for students who can benefit by corrective exercises. Students who participate in major intercollegiate sports may be excused from physical education classes during the quarter of their participation. However, they are required to register for physical education each quarter.

WOMEN'S PHYSICAL EDUCATION The women's physical education department of Mesa College sponsors a wide variety of activities, providing some form of physical activity for every student. There are classes for those who wish strenuous, moderate, or mild forms of exercise. The program includes tennis, swimming, soccer, speedball, volleyball, basketball, softball, and other advanced games. Clog dancing, the modern dance, folk dancing, and a limited class in corrective exercises are also offered.

The program is designed to secure for every woman a lasting interest in some sport or physical activity, to improve and maintain her health by exercise, and to increase her bodily control and physical efficiency.

Mesa College requires 96 quarter hours for graduation, six of which must be in physical education. One hour's credit is given for participation in physical education each quarter.

GAMES Basketball and volleyball are played in the spacious new air-conditioned gymnasium. Fundamentals and team play are stressed in both games.

Tennis, soccer, softball, and golf are played at Lincoln Park. Five concrete courts are available for those interested in tennis. The green-turfed athletic field in Lincoln Park stadium is the site of the exciting soccer and softball games. A sporty nine-hole golf course with fast greens and fairways is open to Mesa College students. A special fee is charged for golf.

CORRECTIVE CLASSES Special, individual attention is given each student, who, of necessity, may participate only in mild forms of exercise. Special facilities in the new Mesa College gymnasium are utilized by members of the corrective classes.

DANCING Clog dancing consists of the old soft shoe character dances performed to the music of the American folk songs. The modern or interpretive dance includes bodily movements, rhythmic patterns, exercises, and creative dances set to classical music. The dances develop bodily grace, poise, and rhythm.

SWIMMING Classes for beginning and advanced swimmers are held in the sanitary Y. M. C. A. pool. The beginning class is designed to help the student overcome her fear of the water, teaches her to float, tread water, and execute such strokes as the elementary backstroke, sidestroke, single and double over-arm strokes. The advanced swimmers are given the speed strokes, breaststroke, backstroke, crawlstroke, and diving. Swimming classes are offered each quarter.

HORSEBACK RIDING Both men and women students may register for horseback riding by paying a special fee. This is one of the most popular physical education courses at Mesa College during the spring quarter. It is a common sight to see a group of horsemen and horsewomen in typical western garb on the bridle paths in and near Grand Junction. The bridle paths offer unlimited opportunities for both the novice and expert to develop their ability.

Expert instructors who have had years of experience in the "western saddle" are contracted to teach the course. At frequent intervals overnight trips may be taken.

PHYSICAL EDUCATION MAJORS Both men and women who plan to major in physical education are urged to follow the curriculum as outlined. Physical education majors who plan to transfer credits to a senior college or university should follow the curriculum on page 19. Majors in this department should include Zoology, Hygiene, and Chemistry in their course of study.

INTRAMURAL OBJECTIVES A complete intramural program is sponsored by the Department of Physical Education. The program provides opportunity for all men students to participate in competitive sports, and is primarily designed for those who are not members of the intercollegiate teams. The schedule for intramural activity includes touch football, wrestling, basketball, ping pong, and softball. Individual awards are given for each sport. In this program boys become habituated to reserving a portion of each day for some physical activity not as a task, but rather as another enjoyable aspect of wholesome living.

The competitive sports under the intramural program stress not only the necessity of physical exercise but the importance of learning to cooperate with team members. The administration of Mesa College believes that teaching students to get along with each other is one of the most important functions of the College.

Intercollegiate Athletics

ATHLETIC CONFERENCE : Mesa College is a member of the Intermountain Junior College Athletic Conference, one of the outstanding junior college leagues in the United States. In addition to the inter-circuit games, representatives from the league participate in inter-conference games with teams from other sections of the country, mainly from the Pacific Coast region. Games are also frequently played with teams from the Hawaiian Islands.

Many athletes developed in the Intermountain Conference have later gained regional and national honors in colleges and universities after completing their first two years at an Intermountain junior college.

Athletes who have had two years participation in the Intermountain Conference are immediately eligible for two more years of competition when they enroll in an advanced college or university.

The Intermountain league is composed of the following eight schools: Utah—Dixie College, St. George; Snow College, Ephraim; Carbon College, Price; Weber College, Ogden; Westminster College, Salt Lake City; Idaho—Ricks College, Rexburg; Albion Normal, Albion; Colorado—Mesa College.

FOOTBALL—Mesa College won the Intermountain Conference title in 1939 and placed several men on the all-conference team. Mesa opened the season by downing the Colorado University Junior Varsity, 13 to 6, in a non-conference game. In two other non-conference games Mesa defeated Western State Freshmen, 26 to 0, and Pueblo Junior College, 26 to 6. The conference title was decided in the last game of the season when Mesa won over Dixie College, 26 to 0.

On a trip into Idaho where Mesa won from both Albion and Ricks, the team, coaches and trainers covered over 1,500 miles in a two-week period. The trip was made in a chartered bus of a transcontinental company. In addition to the athletic purpose of the expedition, an educational tour was featured. Study of the economic and social conditions of the country through which they traveled was made by the team members and used in class work when they returned home.

Mesa College plays its home football games at Lincoln Park Stadium on what is considered to be one of the best green turfs in the Rocky Mountain region. Crowds ranging from 2,500 to 3,000 attend the home contests.

BOXING AND WRESTLING : Interest in the sports is growing rapidly at Mesa College and in the Intermountain Junior College Conference. Mesa's wrestling and boxing facilities are considered to be among the best in the entire Rocky Mountain area. A wrestling-boxing room complete with new type mats with rubberized covers is part of the equipment in the new gymnasium. Teams representing the two sports make trips to other colleges in the conference for matches.

BASKETBALL The cage game at Mesa College is one of the most popular intercollegiate sports. The new gymnasium is rated as one of the best in the Rocky Mountain region.

In 1940, the Maverick basketball team won the eastern division title of the Intermountain Junior College conference by defeating Westminster College of Salt Lake City and Carbon College of Price, Utah, in a series of games.

The tentative schedule for 1941 will include ten conference games and a proposed trip to the West Coast where the Mesans will meet San Francisco, Auburn, and Sacramento junior colleges.

TENNIS Mesa College enters two strong teams in both the Invitational Brigham Young University meet at Provo, Utah, and the Intermountain Conference playoffs at Salt Lake City. There are six concrete courts at Lincoln Park to which the students have free access.

TRACK Mesa College won the Intermountain Junior College Conference championship in 1939. Mesa participates in three outstanding track meets, the Brigham Young University Invitational meet at Provo, Utah, the Intermountain Conference meet at Salt Lake City, and the Colorado Invitational meet at Colorado Springs.

The quarter-mile track at Lincoln Park Stadium is one of the fastest in the region. In addition to excellent physical equipment, the springs in Grand Junction are warm and calm, the type of weather conducive to the development of track and field men.

ELIGIBILITY FOR INTERCOLLEGIATE ATHLETICS To be eligible a student must have completed fifteen units of approved high school work or be a graduate of an approved preparatory school. Official transcripts of all credits must be submitted to the Registrar. A student who has failed to complete ten hours of work at the close of any quarter at Mesa College must successfully carry the required amount of ten credit hours through one full quarter before he may represent Mesa College in intercollegiate athletics.

LOCKER AND SHOWER ROOMS The men's and women's shower rooms in connection with the gymnasium in the new College building are up to date in every detail. The men's department includes a training room equipped with the latest electrical devices to treat sprains and bruises.

FOOTBALL SCHEDULE Mesa College Mavericks will play some of the strongest junior college teams in the West in 1940 and 41. The tentative schedules include conference games with member schools of the Intermountain Junior College Conference and some of the larger junior colleges in California. Present plans indicate at least one game each season will be played with a Coast school.

Vocational Education

TERMINAL TRAINING The administration of Mesa College realizes the desirability and actual necessity for vocational guidance, training, and practical experience that will prepare students to take their places as wage earners after they have had practical job-training college work.

The courses offered under the division of Vocational Education are devised to train the student for a particular field of work in the shortest time possible and by the most practicable methods. Vocational Education courses offered at Mesa College are in the fields of Agriculture, Commerce, Home Economics, and Occupational Training.

The administration of the College believes that by training young people who would be unable to take advanced college work but must fit themselves to earn a living, it is rendering a service not only to the students but to the community that will absorb the job-trained student who has had special work in a particular field of interest.

COMMERCIAL TRAINING The commercial department of Mesa College offers training in four major fields, secretarial, accounting, general business, and merchandising. These courses have been carefully selected to meet the needs of the student at the time of initial employment as well as to equip him for promotional opportunities.

Experience has demonstrated the importance of a background of general education for all people planning to enter the field of business.

There are many values of commercial training. Students trained in commercial abilities such as shorthand, typewriting, bookkeeping, and office practice may find their vocational niche in their specific field, or they may continue their academic or professional training using the commercial abilities as a means of securing advanced study.

Credits earned in the terminal curriculums are not transferable. Commercial curriculums leading toward transfer of credits for junior college standing at colleges and universities are offered at Mesa College.

HOME ECONOMICS Since a large number of women become homemakers soon after leaving college, it is desirable that the home become a pivotal interest in education. Home economics at Mesa College is designed to meet this need. Each student is at liberty to choose a special field of endeavor in home economics after the necessary proficiency in the fundamentals of the field has been gained. Homemaking receives the major emphasis in the courses at Mesa College.

Students registering for terminal home economics training should realize that this type of course work is not transferable under any circumstances. Clothing and textile construction, costume design and construction, and food selection and preparation are subject matter fields that receive special stress.

AGRICULTURAL TRAINING Prospective young farmers and ranchers in Colorado can now learn practical methods of agriculture at the Mesa College cooperative farm and earn their expenses while they are learning methods that are free of frills and theory. The farm is sponsored by the College, the Grand Junction public schools, and the National Youth Administration.

The training is set up on a two-year basis. It is primarily intended for students who want practical agricultural training that will aid them when they return to the farm, or to other agricultural occupations. The courses carry non-transferable junior college credit. The courses are not intended as a basis for technical agriculture at state agricultural colleges.

Students may enter Mesa College on a part-time basis and take terminal agricultural courses. Upon satisfactory fulfillment of all the requirements the student will receive a certificate of completion for the specific unit of work done. Students who do not have a high school diploma may enter as special students and take work in the department on the same basis as bona fide high school graduates.

Students who live at the Mesa College farm receive board, room, medical care, and approximately \$10 to \$12 a month from the National Youth Administration for 100 hours of work.

The men at the farm are incorporated into a cooperative body under Colorado state law. They govern themselves and are responsible for the various activities on the farm. The students elect a board of five directors who serve for a term of three months. This board, under the supervision of the National Youth Administration resident director, is in charge of the cooperative farming and marketing.

The directors appoint enterprise managers for the different projects such as dairying, poultry, corn, hog raising, and other activities. The enterprise managers are selected according to their individual interest in a project.

Each manager is responsible for his project. Other boys are chosen who are interested in the same thing and together they plan and work. The enterprise manager keeps books on his project from the beginning to the marketing of his project.

Terms of service at the farm are not regulated but it is recommended that the average resident stay at least one year.

The farm, overlooking the Colorado river, is in the heart of the fertile Grand Valley, about one and one-half miles west of Grand Junction, near the Colorado National Monument and the world famous Serpent's Trail drive.

Physical property of the farm includes a modern brick dormitory, workshops, barns, chicken and brooder houses, rabbit hutches, tool and implement sheds, storage cellars, classroom and residence hall.

Livestock on the farm includes cows, horses, pigs, sheep, chickens, and rabbits.

For more information about the farm, write the Resident Director, Mesa College.

OCCUPATIONAL TRAINING. For a limited number of students who wish to make their two years at Mesa College a preparation for an occupation, actual on-the-job training may be received.

Students will receive training in an office, store, shop, or industrial organization three hours per day under the direction of the employer in cooperation with the Mesa College vocational director. Special courses of study including Related Training and Occupational Training should be taken by students enrolled in the occupational training program. Courses of study related to the particular field of interest should also be included in the student's program. Example: a student interested in becoming a window-trimmer or interior decorator should, in addition to his three hours of on-the-job training, register for special courses in occupational training and the related courses in art.

Preparation for gainful employment at the end of one or two years of college work is the aim of this course. Through this plan students at Mesa College are trained under actual business and industrial conditions unfamiliar to many college graduates.

Before a student is permitted to enroll in occupational training, carefully planned guidance is given to see that the student understands the field of occupation and is fitted for the one he selects. The very nature of this type of training makes it absolutely necessary that the group in occupational training is a highly selective one. *No institutional guarantee, therefore, can be given to prospective students that they will be registered in this activity.* Only upon recommendation and appropriate action by the vocational administrator can students be accepted for occupational training. For further information, write the Vocational Administrator, Mesa College.

CIVIL AERONAUTICS PROGRAM One of the latest additions to the Mesa College curriculum is the Civil Aeronautics Authority aviation program, which is made possible through the cooperation of the United States government and the Grand Junction airport. Mesa College introduced this course in the fall of 1939 with a class of ten and the possibility of larger classes in future years.

Competition for a place in the class is keen, due to the limited number of openings and the strict requirements which applicants must meet. The first essential is physical perfection. Besides being at least five feet, four inches tall and weighing 115 pounds, a student must be free from any disease or deformities, have a perfect sense of balance, good eyesight, a sound heart, and be able to retain his composure in any emergency.

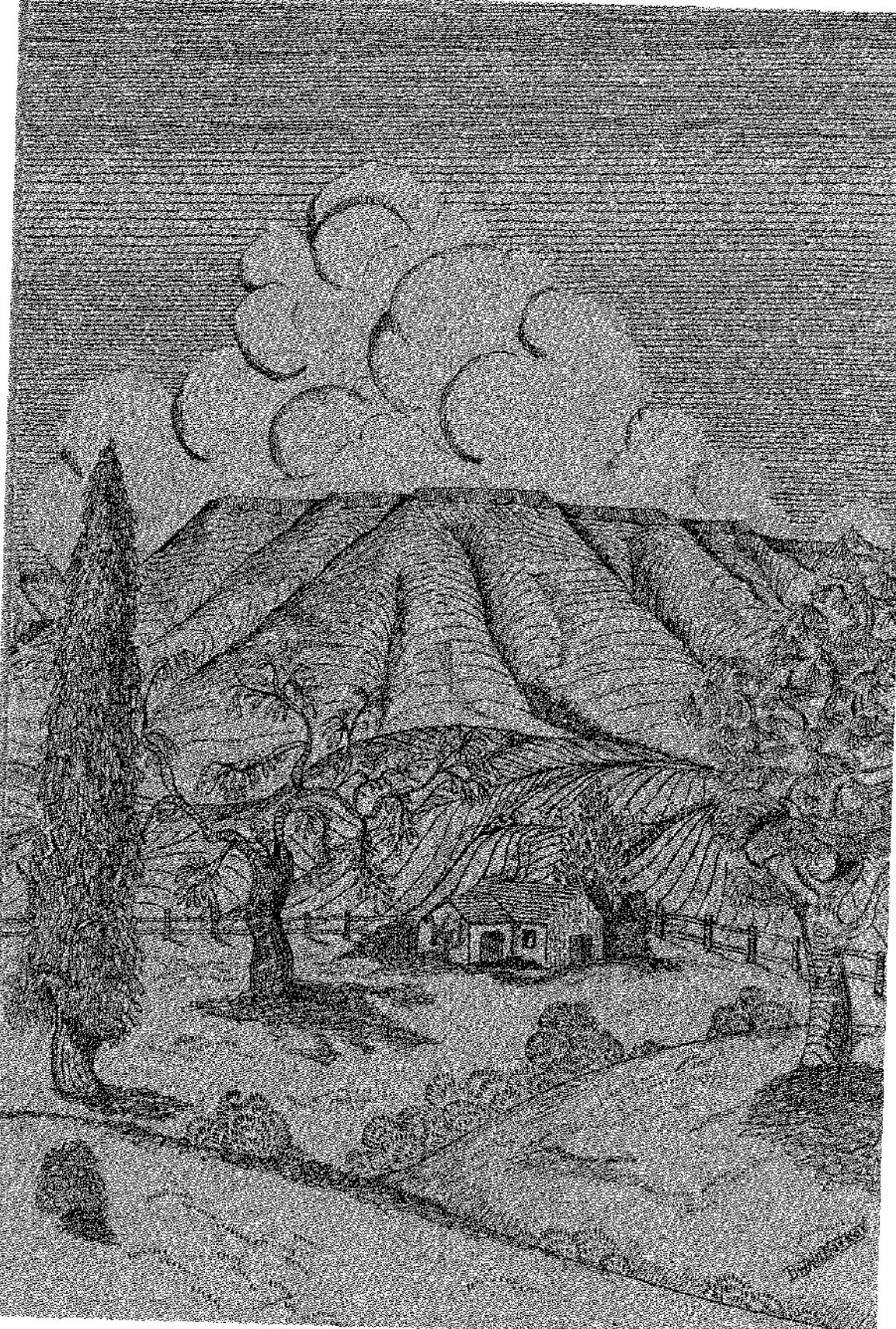
The cost of this course to the student is \$40, six of which pays for the medical examination and \$14 for insurance. The other \$20 is applied to the expense of ground instruction which consists of three hours a week for 24 weeks.

Actual flying instruction is given at the Grand Junction municipal airport and consists of 17 hours of dual instruction, at least eight of which must be completed before the solo flight, and 18 hours of solo flight.

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Colorado. Illustration identification—page one, read-
ing from left to right, Dean Marshall Miller, Miss
Dorothy Thompson, President Horace J. Walker.



MESA COLLEGE

Catalog Supplement

1941-42

GRAND JUNCTION, COLORADO

Mesa College Personnel

MESA COLLEGE COMMITTEE

R. H. Penberthy, President	Grand Junction
J. A. Edling, Secretary	Appleton
M. L. Dilley, Treasurer	Clifton
Mrs. Clyde Biggs	Grand Junction
Carl Porter	Collbran
Mrs. Sadie Hogsett, County Supt. of Schools, (Ex-Officio)	Fruita

OFFICERS OF ADMINISTRATION

Horace J. Wubben, B. A., M. A.	President of the College
Mary Rait, B. A., M. A.	Vice-President, Dean of Women
Marshall C. Miller, B. A., M. A.	Dean of Men
Maurice Griffith, B. A., M. S.	Registrar

FACULTY

Rolland R. Ball, M. A., University of Colorado	Leonard Lindblad, B. S., Colorado State College
W. C. Binnows, Ph. D., University of Nebraska	Orlando Lindesmith, M. A., University of Wisconsin
Cecilia Cardman, B. F. A., University of Colorado	Marshall C. Miller, M. A., Colorado State College of Education
Peter L. Carlston, B. S., University of Utah	Evergeline Olson, M. A., University of Iowa
Mattie F. Dorsey, Ph. D., University of Colorado	Sally Peebles, M. A., University of Colorado
M. B. Fitzgerald, Northwest Missouri Teachers' College	Mary Rait, M. A., University of Colorado
Maurice Griffith, M. S., Colorado College	Louise Roloff, B. S., University of Colorado
William Hartman, M. A., Colorado State College of Education	Harold Roeth, B. S., Colorado State College
Edward Holt, M. S., University of Colorado	Lillian Sabin, Ph. B., University of Wisconsin
Feith Johnston, M. S., Kansas State College	Lawrence Sardon, M. A., Brigham Young University
Marie Killheffer, M. A., University of Chicago	Charles H. Tucker, M. S., University of Colorado
	Kenneth Ury, M. A., University of Iowa
	Horace J. Wubben, M. A., University of Colorado

SPECIAL MUSIC INSTRUCTORS

Lawrence Sardon, M. A., Head of the Music Department	
Norman Griford, Woodwind Instruments	Grace Ritchie, Elem. School Methods
William H. Gould, Voice	William Sorenson, Violin and Viola
Carl Hillyer, Piano and Organ	Goodsell Slocum, Piano and Organ
Marie Olcott, Piano	Marie Treace, Voice, Contact Troupe

Calendar

1941-42

FALL QUARTER

September 9	Freshman week begins
September 12-13	Registration for Fall Quarter
September 15	Classes begin
October 23-25	Division meeting, Colorado Education Assn.
October 31	Homecoming
November 11	Armistice holiday
November 27-28	Thanksgiving holiday
December 8	Fall Quarter final examinations begin
December 13	Christmas holiday begins

WINTER QUARTER

December 29	All students complete registration
December 30	Classes begin
January 1	New Year's holiday
March 9	Winter Quarter final examinations begin
March 14	Spring vacation begins

SPRING QUARTER

March 23	All students complete registration
May 29	Spring Quarter final examinations begin
June 5	Commencement

GUIDANCE - ORIENTATION

The Guidance-Orientation program at Mesa College is invaluable. It is put into practical use and achieves tangible results. Before the student registers at Mesa College he usually has a pre-registration conference with a staff member. At this informal meeting the staff member helps the student plan his college program, including academic, social and other extra-curricular factors. Abilities and interests are considered at this meeting. If it is necessary for the student to work, a program is outlined which will help him get the most out of his studies and at the same time earn all or part of his living.

During Freshman Week tests are given to students who register at the College for the first time, to determine further their interests and abilities. Throughout the year the student has frequent consultations with his advisor, who takes a personal interest in the student. At these consultations the faculty member checks with the student to learn if he is getting the most out of his college work. Often-times study habits, social problems et cetera are discussed at the meetings.

Each Tuesday afternoon for one hour during the Fall Quarter small student groups meet with their counselors. Students informally discuss varied subjects and help each other solve individual problems. This is also an excellent method of helping new students get acquainted.

Annually, during the Spring Quarter, Mesa College sponsors a Vocational Education Conference to help students gain a more thorough understanding of job possibilities in the various occupational fields. Leaders in the professions and trades from Grand Junction and other sections of the state are the speakers at these meetings.

Class Schedule

Hr.	Mon. - Wed. - Fri.	Tuesday	Thursday
8:00	Algebra-Math. 11 Freshman English Principles of Mathematics Algebra-Math. 1 Harmony Public Speaking** Organic Chemistry*** European History	Algebra-Math. 11 Inorganic Chemistry-11 Public Speaking	Algebra-Math. 11 Inorganic Chemistry-11 Public Speaking
9:00	General Physics Freshman English Spanish Reading** American Government Algebra-Math. 1 First Year Harmony General Psychology Survey of American Literature	General Physics Advanced Composition Sight-Sight Singing Biology-11 Engineering Drawing*	General English Advanced Composition Sight-Sight Singing Biology-11 Engineering Drawing*
10:00	Freshman English-01 Beginning Spanish Calculus Freshman English Music-History, Appreciation Public Speaking*** English-11	Freshman English-01 Beginning Spanish Calculus Biology Introduction to Sociology Journalism	Freshman English-01 Beginning Spanish Calculus Biology Introduction to Sociology Journalism
11:00	Freshman English Hygiene United States History Economic History-11 French Reading Accounting General Psychology 88	Freshman Orientation	Assembly--Meetings
Noon			
1:10	Star First Geology Beginning German Freshman English Algebra-Math. 1 Survey of English Literature Homemaking Elementary Methods**** Introduction to Ed. (Ed. only)	Structural Geology Beginning German Homemaking Practice Teaching* Organic Chemistry Dramatics*	Structural Geology Beginning German Homemaking Elementary Methods**** Inorganic Chemistry Dramatics*
2:10	Structural Geology Economic History College Choir Introduction to Fiction European History-11 General Ed. for Teachers-090	Structural Geology Practice Teaching (also Wed.) Library Science Art Appreciation-11 Color and Design	Structural Geology General Psyc. for Teachers-090 Library Science Art Appreciation-11 Color and Design
3:10	Freehand Drawing Commercial Art Studio Art College Band	Freehand Drawing Commercial Art Studio Art	Freehand Drawing Commercial Art Studio Art

*Class meets double period

**If the student is substitute

***Class meets Monday and Wednesday

****Class meets Monday-Wednesday-Thursday

11-83 Technical course, not designed for senior college preparation

090 - Class meets Monday-Thursday-Friday

Business Department

Beginning the school year 1941-42, Mesa College's Business Department, which was organized in 1940, will offer an expanded curriculum to include all of the necessary primary and advanced business courses. Because of the rapid growth of the department, the instructional staff has been increased.

The business courses at Mesa College are not designed just to teach the mechanical skills necessary to operate machines, but to prepare students for positions which require more than mastery of a machine.

Many of the courses taken in the Business Department of Mesa College may be transferred to the business schools of most of the universities and colleges without a deduction in credit.

Students in the business courses who are regularly enrolled at Mesa College may take any courses in other departments of the college. Courses in other departments are designed to give the business students a liberal background in fields which will help them to secure the most desirable business positions. Some of these courses include: Spanish, French, Speech, Psychology, Economics, American Government, Journalism, Mathematics, Chemistry, History and Home Economics.

Business students have the same privileges as students in any of the other departments of the College. They participate in student government, dramatics, athletics, publications, and all other forms of student activity.

Hr.	Mon. - Wed. - Fri.	Tuesday	Thursday
8:00	Beginning Shorthand Accounting		
9:00	Advanced Shorthand Beginning Typing	Bookkeeping	Bookkeeping
10:00	Advanced Typing Business English Rapid Calculation	Secretarial Practice Personal Typing	Secretarial Practice Personal Typing
11:00	Advanced Typing Accounting II		
Noon			
1:10	Beginning Typing		
2:10			
3:10			

NOTE.—Business students may take any course or a combination of courses for a fee of \$5 a quarter. This fee is in addition to incidental fees listed on Page Eleven of the Catalog. Business students who do not take courses in other curriculums do not pay a library fee.

Physical Education

Every man and woman student at Mesa College is expected to spend a portion of each week in healthful activity. The physical education program at Mesa College is designed so that every student will become proficient in some physical activity that can be carried over into later life.

Special activity classes are organized for those students who can benefit by corrective exercises.

PHYSICAL EDUCATION FOR WOMEN

Hr.	Mon. + Wed. - Fri.	Tuesday	Thursday
8:30 to 10:00		Games for Sophomore women taking Education.	Games for Sophomore women taking Education.
10:00	American Folk Dance		
11:00	Marching and Gymnastics.		
1:00		Archery	Archery
2:00		Archery	Archery
2:10	Elementary Tennis		
3:10	Advanced Tennis		

Housack riding to be arranged.

Enrollment in each class will be limited.

Admittance to class will be made after physical examinations.

Every woman must register with the physical education instructor (not her controller)

PHYSICAL EDUCATION FOR MEN

Hr.	Monday-Wednesday	Tuesday	Thursday
8:00	Beginning Gymnastics	Basketball	Basketball
9:00	Advanced Tumbling and Apparatus Work Beginning Golf	Beginning Tumbling and Apparatus Work Beginning Golf	Beginning Tumbling and Apparatus Work
10:00	Touch Football	Competitive Basketball	Competitive Basketball
11:00	Beginning Tennis	Archery Touch Football	Archery Touch Football
1:00	Advanced Tennis	Advanced Tennis	Advanced Tennis
2:00	Competitive Track Competitive Golf Competitive Football	Competitive Track Competitive Golf Competitive Football	Competitive Track Competitive Golf Competitive Football

National Defense

Realizing the necessity to aid in the National Defense Program, Mesa College is keeping abreast of conditions and is adjusting certain curriculums which will help the students of the College fit into the Program and be prepared for any emergencies.

Particular courses which are especially designed for the National Defense Program include Civilian Pilot Training, First Aid Hygiene, Homemaking, Radio Communication, Motor Mechanics, Elementary Electricity, Metal Work, Blue Print Reading.

Some of these defense courses are given in cooperation with the Grand Junction public schools and the National Youth Administration.

CIVIL AERONAUTICS

Several changes in the type of program and student eligibility have been made in the Civilian Pilot Training program since its beginning in Mesa College in December, 1939. The program is now divided into several different parts.

The primary training is now being offered through Mesa College and the Drapela Flying School. Present plans indicate the advanced phase of the training may be available during the summer of 1941 and succeeding sessions.

A Fall, Spring, and Summer session has been offered in primary training since the inception of the training program.

To be eligible for the primary training, a student must have reached his nineteenth but not his twenty-sixth birthday. He must be an American citizen and be able to pass the required physical examination. Freshmen are not eligible for the training.

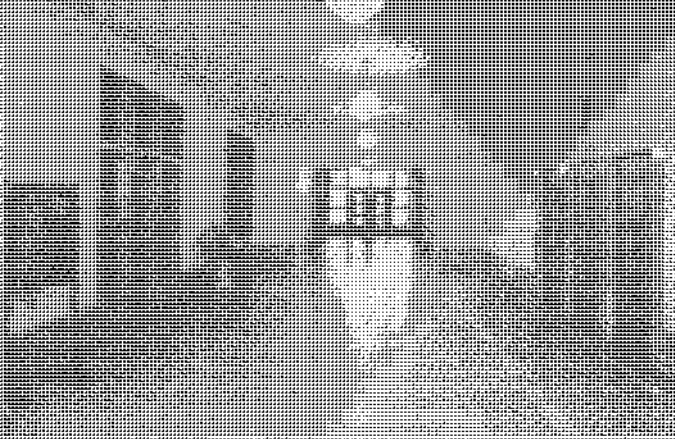
A student must have acquired at least 45 quarter hours credit and have a Sophomore classification to be eligible. The cost to the student is \$25, divided as follows: \$6, physical examination; \$9, accident insurance, and \$10, College fee. Completion of the primary course entitles the trainee to a private license.

WORKING STUDENTS

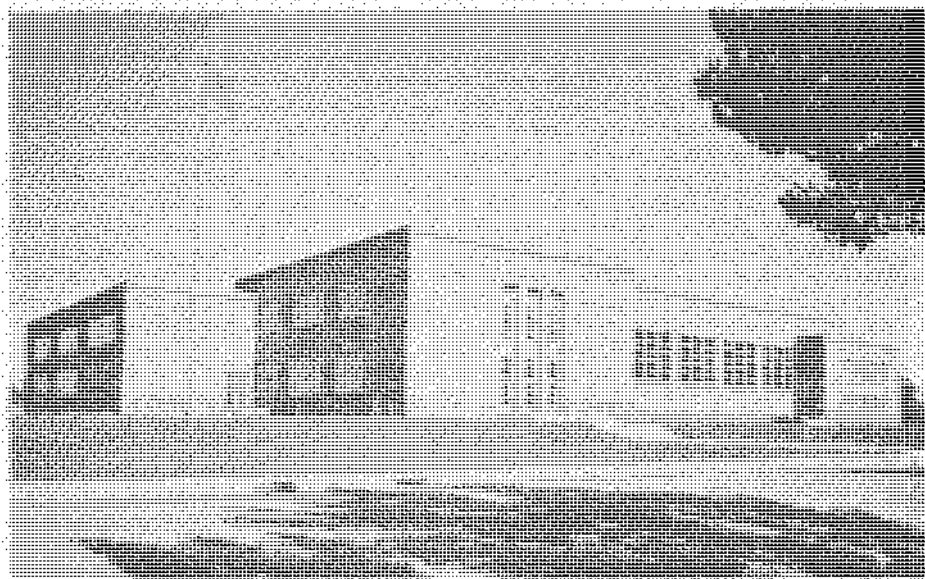
Students who are considering earning part or all of their expenses while in Mesa College should have enough money to defray their expenses the first quarter. Work possibilities in Grand Junction are usually good, but it is sometimes difficult to place a student immediately upon his arrival in Grand Junction.

Students who are considering earning a part of their expenses while they are enrolled in Mesa College must realize they are expected to be as devoted to their jobs as though they were regular employees.

SUPPLEMENT—This Catalog Supplement is to be used in conjunction with the Mesa College Catalog of the 1940-42 edition. For additional information, address the Mesa College Office, North Ave. and Twelfth St., Grand Junction.



Main entrance hall
of West's modern,
streamlined plant



Main College's new \$250,000 building is a double unit

Students learn
barrage-making in this
modern laboratory

