

Journal

MESA COLLEGE

Formerly Grand Junction State Junior College

A County Junior College



JUNIOR COLLEGE BULLETIN



Grand Junction, Colorado

1938 - 1939

MESA COLLEGE

A COUNTY JUNIOR COLLEGE

FORMERLY GRAND JUNCTION STATE JUNIOR COLLEGE

MEMBER OF

THE AMERICAN ASSOCIATION OF
JUNIOR COLLEGES

GRAND JUNCTION, COLORADO



BULLETIN 1938-1939

For Further Information Address The Registrar
Mesa College, Grand Junction, Colorado



DEPARTMENT OF GENERAL SERVICES, GRAND JUNCTION, COLORADO

Mesa College Calendar

1938-39

September 20, Tuesday, 9 a. m.	<i>Freshman Assembly, Examinations.</i>
September 21, Wednesday, 9 a. m.	<i>Freshman examinations. Freshman Tea, 4 p. m.</i>
September 22, Thursday	<i>Freshman Physical Examinations.</i>
September 23, Friday	<i>Registration begins. Sophomores and Freshmen residing in Grand Junction, Appleton and Fruitvale, register.</i>
September 24, Saturday	<i>Registration continues. Out-of-town Freshmen and Sopho- mores register.</i>
September 26, Monday	<i>Classes begin.</i>
November 11, Friday, Armistice Day	<i>Holiday.</i>
November 24, Thursday, Thanksgiving	<i>Holiday.</i>
November 25, Friday	<i>Holiday.</i>
December 17, Saturday	<i>Winter vacation begins.</i>
January 2, Monday	<i>Registration winter quarter. Local students register.</i>
January 3, Tuesday	<i>Registration continues. Out-of-town students register.</i>
January 4, Wednesday	<i>Classes begin.</i>
March 18, Saturday	<i>Spring vacation begins.</i>
March 27, Monday	<i>Registration spring quarter.</i>
March 28, Tuesday	<i>Classes begin.</i>
June 9, Friday	<i>Commencement.</i>

FOREWORD

There is no market today for the untrained individual. The ranks of the unemployed are filled with those who did not have the ambition or foresight to put forth the energy necessary to obtain this training.

For some, preparation will consist of studies in pre-business, pre-law, pre-medicine and other types of academic work. For others vocational agriculture, typewriting, and accounting will assist the individuals to fill their places in the work-a-day world. All need basic experiences and understandings in the fields of citizenship and social contacts.

Mesa College has a curriculum, a faculty, and other facilities to meet the needs outlined above. It gives two years of standard work which are accepted in all Colorado universities and senior colleges as well as in many of the finest institutions of higher learning in other states. With the phenomenal growth of the junior college movement it is becoming a standard practice of universities all over the United States to give full credit to work done in accredited junior colleges. Mesa College is one of this group of junior colleges.

The special attention which is given to beginning students, the opportunities for leadership, and the development of social values are outstanding features of Mesa College. Classes are small enough so that every one may receive the benefit of adequate individualized instruction. Students who succeed in Mesa College are uniformly successful in advanced institutions.

Some of the opportunities which Mesa College has to offer to students from the Western Slope are:

1. Two years of regular academic college work "at home."
2. Vocational, educational, and social guidance at a period when such help is most needed.
3. A minimum of expense compared with the average institution of college grade.
4. Advantage of residence in Grand Junction with its artistic, musical, and religious influences.
5. The chances of self-help in earning part of one's expenses.
6. The privilege of a general liberal education which makes for the "good life."

GRAND JUNCTION, THE IDEAL JUNIOR COLLEGE TOWN

Centrally situated as it is on the Western Slope of Colorado, in the center of the most famous fruit-growing district of the western states, Grand Junction has proved to be an ideal location for a Junior College.

Easy access to the city for people from all of Eastern Utah and Western Colorado is provided by the main line of the Denver & Rio Grande Western Railroad, a branch line of the same railway, and by many splendid highways.

A population of approximately sixteen thousand people, and a wide diversity of industries in Grand Junction make it the best college location in the western part of the state. The majority of the colleges and universities in Colorado are located in towns of approximately the same size. Especially is it suitable for a Junior College because of its great number of cultural, religious, and educational interests. The great variety of industries and occupations make possible the part-time employment of large numbers of students.

Not among the least of its advantages is the beautiful scenery surrounding Grand Junction. Beautiful Grand Mesa, the largest flat-topped mountain in the world, is a few miles eastward, and Colorado National Monument Park is a few miles westward. Splendid highways and trails make access to these playgrounds very easy. Many student hikes, picnics and "fries" are held at beauty spots within five or ten miles of the campus.

The Junior College Building and Equipment

Building: The Junior College is located at Fifth Street and Rood Avenue, just one block from one of the busiest corners on Main Street in Grand Junction. This location is very convenient for students who may live or work anywhere in Grand Junction.

The brick building has been stuccoed and all wood portions have been painted. A new roof has been put on and the entire fabric of the building repaired. This work has resulted in the Junior College building becoming one of the most attractive downtown buildings in the city. Ample space is provided in this building for class-rooms, laboratories, a library, offices, a women's lounge, and for activities such as journalism. Social affairs are enjoyed in hotel or club ball-rooms and athletic activities are held at Lincoln Park.

Laboratory Facilities: Large, well-equipped chemistry and physics laboratories are located in the Junior College building, with complete apparatus for courses in college chemistry and physics and for independent research.

Library: The college library contains 5,500 volumes, a picture and pamphlet collection and periodicals.

Physical Education Equipment: The facilities for physical education at the college are exceptional. Physical education classes, both for men and for women, are held in the large indoor gymnasium at Lincoln Park. Within a radius of a few yards of the gymnasium are located both the municipal golf course, where students are given instruction in golf, and the football field and stadium. The football field is electrically lighted by high-powered floodlights, and many of the Junior College football games are played at night. The stadium seats several thousand people. Additional specialized equipment makes it possible to offer tennis, archery, swimming, horseback riding, and many other sports.

Mesa College Farm: The college in conjunction with the Grand Junction Public Schools and Mesa County maintains a farm of some forty-two acres. Fruit, produce, livestock and poultry raising, and experimental agricultural work are carried on. A fine dormitory is maintained where twenty-five to thirty-five boys are quartered. Excellent shop equipment and careful supervision are available to those interested in vocational agriculture. A large farm, poultry house, supplementary cottages, and work shops provide ample room for these activities. A resident instructor lives on the grounds and is directly responsible for activities. A small herd of cows, horses, and an adequate supply of farm machinery complete the supplementary equipment.

ADMINISTRATION

Mesa College Committee

President, R. H. PENBERTHY, Grand Junction.
Secretary, J. A. EDLING, Appletan.
Treasurer, M. L. DILLEY, Clifton.
MRS. CLYDE BIGGS, Grand Junction.
CARL PORTER, Collbran.
MRS. ROSE BISHOP, Grand Junction. Mesa County Superintendent of Schools. (Ex-Officio).

Officers Of Administration

HORACE J. WUBBEN, B. A., M. A., President of the College.
MARY RAIT, B. A., M. A., Vice-President of the College; Dean of Women.
RALPH PRATOR, B. A., M. A., Dean of Men.
MARSHALL C. MULLER, B. A., M. A., Registrar of the College.

Faculty

CECILIA CARDMAN.

Art.

B. F. A., University of Colorado.
Student of Giuseppe Aprea, Naples, Italy (portrait painting).
Student of John Thompson, Chappell House, Denver (landscape).

MATTIE DORSEY.

French, German, and Education.

B. A., Florida State College for Women.

M. A., University of Colorado.

Ph. D., University of Colorado.

Kappa Delta Pi.

MAURICE GRIFFITH.

Mathematics, Engineering Drawing, and Physics.

B. A., Colorado College.

M. S., Colorado College.

CARL HILLYER.

Director of the Band, Piano.

B. M., Central College, Pella, Iowa.

EDWARD HOLT.

Geology.

B. A., Coe College.

Graduate Work University of Colorado.

JACK W. LEWIS.

English Language and Literature.

B. A., University of Colorado.

M. A., University of Colorado.

Phi Beta Kappa.

Sigma Delta Chi.

Charter member Colorado Playmakers.

O. R. LINDESMITH.

Chemistry.

B. A., Harvard University.

M. A., University of Wisconsin.

Graduate Study University of Colorado.

MARSHALL C. MILLER.

Sociology, Freshman English.

B. A., Colorado State College of Education.

M. A., Colorado State College of Education.

RALPH PRATOR.

Economics, Physical Education, Coach.

B. A., University of Colorado.

M. A., University of Colorado.

Graduate Work, University of California, Berkeley.

MRS. RALPH PRATOR.

Women's Physical Education, Hygiene.

B. A., University of Colorado.

MARY RAIT.

History and Political Science.

B. A., University of Colorado.

M. A., University of Colorado.

Graduate Work, Columbia University.

Kappa Delta Pi.

Member American Historical Association.

HAROLD M. ROUTH.

Vocational Director, Vocational Agriculture.

B. A., Colorado State College of Agriculture.

Graduate Work, Colorado State College of Agriculture.

LILIAN SABIN.

Librarian.

Ph. B., University of Wisconsin.

Diploma, State Teachers' College, Milwaukee, Wisconsin.

Library Certificate, Pratt Institute School of Library Science, Brooklyn, New York

Member American Library Association.

LAWRENCE SARDONI JR.

Director of Orchestra, Harmony, Violin.

B. M., Brigham Young University.

ERSKINE F. SKATES.

Public Speaking.

B. A., Phillips University, Enid, Oklahoma.

M. A., Phillips University, Enid, Oklahoma.

D. D., Phillips University, Enid, Oklahoma.

HORACE J. WUBBEN.

Psychology and Education.

B. A., Colorado College.

M. A., University of Colorado.

Graduate Work, University of California, Los Angeles.

Colorado State College of Education.

THE MURR MEMORIAL LIBRARY

The library occupies two well-lighted rooms on the second floor of the college building; one a reading and reference room, and the other a room for the general book collection, back numbers of magazines, work-room and classroom for library instruction. The library provides a place where the student may find books to supplement his textbooks, where he may carry on individual research or may explore the book-shelves with a spirit of adventure.

In the fall of 1934, the 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 faculty and students. The library now has 5,500 volumes and receives regularly 25 periodicals.

The work of the library is carried on by the librarian with the help of student assistants. These assistants receive their training in the Library Science course. Lectures on the use of the library are given by the librarian to the freshman class, and to special groups or classes correlating library work with class instruction. The librarian also acts as reader's adviser to students needing guidance in reading.

STUDENT ACTIVITIES

Faculty and administration of Mesa College feel that one of the most important ends of education is the development of personality in students. This may be achieved in part through participation in a well rounded, full 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 to be found in the college. These include athletic events and social affairs, and organizations and activities which appeal to students with special interests.

Student Government

Student government was organized early in the history of Mesa College. The associated students have charge of all student activities. Management of their affairs is vested in a council composed of student officers, elected by student vote, representatives of classes of various school organizations, and faculty members appointed by the administration. A part of the student activity fee, paid at registration, is handled by the council to further student activities.

Activities sponsored by the student association are: dramatics; the Criterion, college paper; social activities; special interest clubs.

These give the student practical experience, teach him to assume responsibility, and offer a chance to meet situations which he will find in everyday life.

Convocations

Assemblies at which student attendance is requested are held at regular intervals. Programs for these assemblies are planned by a student committee and the faculty. These programs are varied, utilizing student talent in dramatic, musical, or varied entertainment, as well as stimulating outside speakers who discuss timely vocational, educational, and cultural subjects for the student body.

Social

Mesa College sponsors a wide variety of social affairs. All-school

dances, parties, teas, "fries," and hikes are enjoyed as well as small group and organization functions. A social program varied enough to offer items of interest to every individual is the aim of those sponsoring the program. A social calendar is made out each quarter, and weekends are well filled with interesting activities so that students find congenial association with people their own age. A friendly, informal atmosphere prevails in which lasting friendships are easily formed.

Several traditional social affairs have become an important part of the year's calendar. A faculty reception is held for all students in the fall; get acquainted parties and mixers are frequent. Freshman and Sophomore classes each sponsor certain traditional social events. The Soiree, the one formal function of the college, is held during the winter quarter, as are many other enjoyable affairs. The Sophomore class enjoys several special social functions near commencement time.

Associated Women Students

This organization includes all women in the student body and outlines activities for the group. Programs and study groups are carefully planned and conducted to meet the varied interests of the women. A big sister organization helps new women to become acquainted and feel at home. Teas, all-women parties, hikes, and athletic events are sponsored by the A. W. S. During the winter quarter, the women entertain the men at an informal dance.

The Criterion

One of the most vital forces in Mesa College is the student managed newspaper. "The Criterion" provides a source of valuable training for a large group of students in the college. Last year "The Criterion" was one of three newspapers west of the Mississippi to receive the "All American" honors rating given by the Associated Collegiate Press. This award is the highest honor any college newspaper can receive.

Journalistic training on the student publication is open to all students interested. It lists the following departments: general reporting, sports, editorial, feature, advertising and business. Students participating in work on "The Criterion" receive training valuable in newspaper work and in other fields.

The aims of this activity are three fold: to present news of Mesa College; to interpret that news and other news of general interest from a long range point of view; and to provide practical training for those who wish to enter the field of journalism or to gain a better insight into that field.

Phi Theta Kappa

Beta Phi chapter of Phi Theta Kappa, national honorary Junior College fraternity, was granted to Grand Junction Junior College in 1933. 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, and who stand

in the upper ten per cent of their class with a scholastic average of "B" or better. Freshmen may be pledged during the second quarter of the school year. This is an active organization which sponsors worthy projects, such as the used book store, and promotes school spirit and interest as well as scholarship.

Zeta Sigma Pi

Zeta Sigma Pi, national social science honorary fraternity, is represented in Mesa College by Gamma chapter. This organization is open to students who have maintained a "B" average or better, and whose interest in the social sciences is shown by hours of work carried in that field. The objects of the organization are to stimulate interest in the field, to direct that interest along lines of scientific investigation, looking to well-balanced knowledge in the field. Students who are members of the organization conduct round-table discussions of current problems and carry on a varied program of activity.

Gamma Delta Upsilon

Gamma Delta Upsilon, national honorary journalistic fraternity, is represented on the campus by the Delta chapter of the Junior College. Students who have done outstanding work on the college paper, "The Criterion," are pledged the fall quarter of each year. Members are chosen according to a point system representing the accomplishments of each member of the staff. The fraternity was started at the Los Angeles Junior College and numbers many outstanding chapters in like organizations in different parts of the country.

Delta Psi Omega

Delta Psi Omega, national honorary dramatics fraternity, is open to students who have taken part in play activities of the college. The local chapter is Cast 98, and member colleges are to be found throughout the United States. Students who have contributed to the college plays, whether in acting, stage work, designing, or playwriting, are eligible to membership.

Hiking Club

Mesa College is ideally located to sponsor an active and growing hiking club. This club is open to all college students and affords to many a chance to enjoy organized hikes and fires in the near-by mountains and canyons. In addition to its value in affording healthful exercise, the social possibilities of this club are not neglected, and jolly times are enjoyed around the campfire by members and friends.

Dramatics Club

This club was recently organized to give the large number of students interested in dramatics a chance at self expression, and the increased poise and self confidence resulting from this type of training. The club is open

to all college students, and many gain enjoyment and profit from working in the various phases of training offered in the group.

Mineralogy Club

A club recently organized which is open to all college students interested in the subject. At regular meetings, members present papers, study and discuss mineralogy, chemistry, and geology. Field trips are taken by the group in nearby territory and to points as far afield as Ouray and Telluride.

International Relations Club

Students who are interested in the problems facing nations, world peace, the modern economic situation, and contemporary world relations will be interested in taking part in the stimulating discussions at the monthly meetings of this organization that is one of the great group of Carnegie Endowment Clubs which extends throughout the world.

Trident

The Sophomore women's honorary fraternity, membership in which is based on a high scholastic average and participation in school activities. This women's pep club is responsible for demonstrations and stunts at games, and works to build school spirit.

M Club

This club is the regular letter men's club for Mesa College. Membership is restricted to those men of the college who have qualified for letters in the respective fields of sports. Its main purpose is to further worthwhile athletic activities.

Other clubs will be organized whenever groups of students indicate sufficient interest in any subject.

ART

"It is as human experience giving direction and meaning to life that a work of art attains significance. The experience of beauty, which is a result of complete understanding of an art work, arises from the fact that through it the reader, observer, or listener feels his own life to be enriched, broadened and deepened."

Art in the Western World.
—Robb and Garrison.

The Art department of Mesa College, through wide experience, has formulated certain specific objectives that it adheres to with some degree of faithfulness, and it believes that there is such a strong element of

universality about its creed that the student should derive therefrom supreme satisfaction in complying with the outlined work. Its purpose is to exercise both the imagination and the emotion of the student. There is no uninteresting routine, no grind, for the department is conducted on a studio basis, the work being adapted to the taste, inclination and temperament of each individual student. The aim of the department is to give the thrill of creation and self satisfaction to each participant.

The objectives of the department are:

1. To understand first of all the student and his psychological behavior. To be so sympathetic in its treatment of each student that there shall be wholesome and sincere relationship existing between the faculty and the student.
2. To make the field of art applicable to every day life. This means consequently that the "whole" personality of each student will be studied and art will be taught to him in such a light that it will become an integral part of his personality. It means also that art will be deprived of snobbery and made a part of living.
3. To bring out the hidden beauty-sensitiveness and talent within each individual so that he may express himself fully and with complete satisfaction.

The methods and procedures used by the department in achieving its objectives:

1. *The Student.*

First of all, the faculty studies, in a friendly and informal way, the personality of the student in order better to direct him. It strives to understand a student's background, past experiences, his desires, and his needs, for it believes that the most important thing is not what the student paints but what is happening to him while he is painting; in short, his emotional experience while he is occupied with the activity.

2. *The Activity.*

The most important element taken into consideration in planning an activity is that the student shall be the basis of the curriculum, hence each activity will be judged from the standpoint of:

1. Interest
2. Capacity
3. Environment

The faculty believes that each student is a potential artist and possesses true creative power.

The department believes and teaches that beauty of order is obtained through self-control and it matters not in what medium it finds expression. Through the observing of the laws of unity, balance, time, darkness and light, color, symmetry, and rhythmical harmony, the student discovers the essence of life.

MUSIC AT MESA COLLEGE

The music department is prepared to offer a large variety of courses to suit the requirements of every type of student. Both the avocational and the vocational needs of the students are met in these courses covering practically all of the lower division work as ordinarily given by Conservatories of Music or by Universities.

The constantly growing desire to offer greater opportunities to those whose inclinations and talents lead them to this field resulted in the organization of the present Department of Music. With an exceptionally well prepared music faculty and adequate physical equipment, the Department of Music of Mesa College is able to do work of a high standing.

The musical organizations of Mesa College are rapidly gaining recognition throughout the state. The Symphony Orchestra concert has become an annual feature of the C. E. A. The Orchestra and Choir have received much praise for their rendition of oratorios and cantatas. The College Band is very popular at athletic events and at all pep rallies.

Besides these large organizations the College sponsors girls trios, boys quartets, mixed octets; instrumental quartets, trios, and sextets; a variety of instrumental and vocal soloists; and the very popular dance band, The Collegians.

Of special interest to the music majors is the high type of private instrumental instruction offered at Mesa College. Private instruction is offered on all standard band and orchestral instruments and piano. The private instruction fees are exceptionally moderate, being about one-half to one-third as much as they are at Universities and Conservatories.

It is required of music majors that they participate in at least one of the practical courses of music: Band, College Choir, or Symphony Orchestra.

We strongly recommend that students majoring in music select one of the following subjects each term: STRINGED INSTRUMENTS, WOOD-WIND INSTRUMENTS, BRASS INSTRUMENTS. Every student majoring in instrumental music should have a thorough teaching knowledge of each of these three groups of instruments.

ATHLETICS

Mesa College became a member of the Intermountain Junior College Athletic Conference during the fall term of 1937-38. This conference is made up of eight junior colleges in Utah and Idaho with Mesa College as the only Colorado school.

In this conference Mesa College will participate in football, basketball, and track.

FOOTBALL.—Mesa College is represented by a team playing regu-

lation junior college football. It is necessary for the team to play three games each season with other league members; the remaining games on the schedule may be played with other junior colleges or four year institutions.

The 1933 schedule includes games with New Mexico State Teachers' College of Silver City, N. M.; Westminster Junior College of Salt Lake City, Utah; Weber Junior College of Ogden, Utah; the "B" squad of the University of Colorado; Western State Freshmen; Ricks Junior College of Rexsburg, Idaho; and Boise Junior College of Boise, Idaho.

During the past three years Mesa College has had very successful teams, winning all but three games. A splendid spirit has characterized each squad and the team plays to win against all kinds and sizes of opponents.

Mesa College will play five home games in 1933. The games are played on the splendid municipal field at Lincoln Park and the early games will be played at night. The schedule is complete.

BASKETBALL.—The basketball team of Mesa College participates in its regular Junior College Athletic Conference and the Grand Junction City League, and games are scheduled with neighboring college and independent teams. The team is also entered into the annual Western Slope open tournament against the best teams of this region. The winner of this tournament is eligible to participate in the regional A. A. U. Tournament in Denver.

TRACK.—Track has become one of the most important sports at Mesa College within the last year. The mild climate of Grand Junction makes it an ideal place to carry on an extensive program. During the spring quarter of 1937, the track team of Mesa College participated in invitational track meets at Provo, Utah, and Alamosa, Colorado. The results were so encouraging that Mesa College now provides a well rounded program with participation in three major track meets during the spring.

The new Mesa College bus makes it possible for the track schedule to include such meets at Provo, Utah, and the Intermountain Junior College track meet held at Salt Lake City, Utah, and the Junior College Athletic Conference track meet held at Alamosa, Colorado.

It is hoped that within the next few years Mesa College can act as host at a large invitational track meet for both Junior Colleges and high schools. Mesa College will sponsor and conduct the Western Slope track and field meet to be staged in Grand Junction this spring.

ELIGIBILITY.—By virtue of a ruling adoption: A student, to be eligible, must have completed 15 units of approved high school work, or be a graduate of a senior high school, or a graduate of an equivalent secondary or preparatory school. Official transcripts of all credits must be submitted to the Registrar of Mesa College on or before the opening of the quarter of enrollment. All students must be registered and in attendance within the first two weeks of the quarter in which they participate.

A transfer student must present an official transcript of all his college work with proof of honorable dismissal.

Physical Education For Men

Mesa College now offers an extended program of physical education for men students. Regular physical education classes are held at the Lincoln Park Auditorium and at the Y. M. C. A.

It is possible for a student to take boxing, wrestling, swimming, tennis, and fencing in addition to the regular program of physical education and athletics.

During the winter quarter an intramural boxing, wrestling, and fencing meet is held at the Lincoln Park auditorium under the auspices of the M club, and during the spring quarter an intramural tennis tournament is held for both men and women students.

Physical education is considered an important part of the curriculum by officials of Mesa College and every student is required to complete six units before graduating from the Junior College.

Women's Physical Education

The women's physical education department of Mesa College sponsors a wide variety of activities, thereby providing some form of physical activity for every woman student who desires to participate. There will be classes for those who wish strenuous, moderate, or mild forms of exercise. The program includes tennis, swimming, archery, soccer, and speedball, volleyball, basketball, softball, and other advanced games; clog dancing, the modern dance, folk dancing, and a limited class in corrective exercises.

Tennis, which is offered in the spring and fall quarters, is played on the well-cared-for cement courts at Lincoln Park.

The exciting team sports of soccer and speedball are played in the fall on the green turfed athletic field at Lincoln Park.

Archery is given in the spring and fall for those interested in cultivating better posture and for those who prefer or need a mild type of exercise. A tournament is held in target and clout shooting at the end of the spring quarter.

Volleyball, captain ball, endball, deck tennis, and similar advanced games are played in the Lincoln Park Auditorium during the fall and spring when the weather does not permit participation outside.

There are swimming classes for the beginning and advanced swimmers in the Y. M. C. A. pool. The beginning class aids the student in overcoming 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—breast stroke, back stroke, crawl—and diving. The swimming classes are given each quarter.

Each quarter there is a corrective class in which special individual attention is given each student, who, of necessity, can participate only in

mild forms of exercise, and who need bodily adjustment and correction. These classes consist of corrective exercises, ping pong, and shuffleboard.

A class in clog dancing is offered during the winter quarter. This type of dancing consists of the old soft shoe character dances performed to the music of American folk songs. The modern or interpretive dance, which is also offered winter quarters, includes bodily movements, rhythmic patterns, exercises, and creative dances set to classical music. This type of dancing is splendid exercise and also aids in the development of bodily grace, poise, and rhythm.

Winter quarter a basketball class is given in the auditorium at Lincoln Park. Fundamentals are stressed during the first part of the session, and in the latter part, the game is played between different sections of the class.

In Grand Junction, the delightful spring climate makes softball a popular sport among the women students of Mesa College. The class is held on the baseball diamond at Lincoln Park.

A class in folk dancing is presented during the fall and spring quarters. This class includes the folk dances of all nations and the American square dance.

During each quarter, the sophomore and freshman teams play each other in basketball, volleyball, and softball. A few friendly games are played with other teams if the college women desire them. These are unscheduled, spontaneous games, played only for the pleasure derived from the participation in the sport.

Each quarter there are also extra-curricular classes in social dancing. These are held at Lincoln Park for both men and women students. One of the Mesa College busses conveys the students to and from the physical education class held at Lincoln Park.

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

The program as a whole 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 DRAMATICS

Drama and the theatre arts play an important part in the life of Mesa College. In addition to class and laboratory work in play production and appreciation, there are frequent public performances in the various fields of the theatre, in which the students of the college take part. The producing organization which is composed of all students who take part in any production, whether in acting, stage work, directing, stage designing, or other technical phases of the theatre, is called the Mesa College

Playmakers, and during its five years of existence has presented at least thirty performances of various kinds, including operettas, full length plays, one-act play programs, radio productions, and collegiate revues. Among dramatic activities are the following:

Beginning and Advanced Dramatics: These courses, which give college credit, offer training in the fundamentals of the theatre arts including pantomime, interpretation, characterization, and stage work. Students enrolled for one of these courses are automatically admitted to membership in the Mesa College Playmakers, the producing organization of the college.

The One-Act Play Programs: Throughout the year, at least once a quarter, public performances of one-act plays are presented for the student body and for the public of the Western Slope. Among some of the outstanding productions are *Shooting Star*, *The Man in the Bowler Hat*, *Highbess*, *Wurzel-Flummery*, *The Valiant*. Each winter and spring, the outstanding play of the season is presented before the student bodies of many high schools of Western Colorado.

The Commencement Play: Every spring quarter, open tryouts are held for the full-length play presented during May. This is the most important dramatic event of the school year. Plays of genuine worth, requiring skill in all the departments of the theatre, are chosen. Among those presented in the past have been *Outward Bound* and *Dear Brutus*.

The Playmakers on the Air: The most important dramatic innovation of the college is the newly-inaugurated radio program. Every two weeks the Playmakers broadcast a fifteen or thirty minute production utilizing student talent. Not only is this training valuable for the student actor, who learns by experience, radio technique, but a large audience has been built up for these performances. For student writers, the opportunity of having their material utilized is an important one. Most of the broadcasts consist of original dramas. The broadcast period has greatly enlarged the scope of Mesa College dramatics.

Play Appreciation: For students who are interested in theatre from the standpoint of the auditor and spectator, but who do not wish actively to engage in dramatics, a course earning college credit is given each spring quarter in the appreciation of the drama. Plays are read and discussed, and the relation of the theatre to modern literature is pointed out. Most valuable, however, is the creation of an audience trained in theatrical values. Members of the class cooperate with the producing units by writing criticisms of all performances, which are then read to the student actors and technicians.

Playwriting: In the college course in creative writing, students desiring to try their hand at the drama are given an opportunity to have their plays produced on the stage or over the air by the College Playmakers. Several successful student productions have afforded the writers a chance to learn writing technique through actual experience.

Delta Psi Omega: The highest honor the college can offer outstanding actors and theatre workers is initiation into Delta Psi Omega, national

honorary dramatic fraternity, to which the college was admitted several years ago because of its outstanding work in student dramatics. Those students who have fulfilled the requirements are initiated each spring into the fraternity. Most of the important junior colleges and teachers' colleges throughout the country are affiliated with the national chapter.

FRESHMAN ORIENTATION

September 19 to 23 is known as "Freshman Week." All students entering the college for the first time in the freshman class are required to be present at a meeting of the entire freshman class in the Tri-M Rooms at nine o'clock on Tuesday morning, September 20. In order to facilitate the process of adjustment through which freshmen must pass, the college has set up a "freshman week" program.

The events of the week include mental and physical measurements, pre-registration counseling, student government training lectures, lectures on time budgeting and how to study, on attendance at social gatherings, and on registration. Students are assisted in filling out vocational interest blanks, personality inventories, and in starting their long-time plan for college training.

A tea is given freshman women by their big sisters Wednesday afternoon and a registration dance and get acquainted party is given to all freshmen and sophomores Friday evening.

A physical examination is required of every student entering the college. The college, cooperating with the Mesa County Medical Association, provides this examination without charge. All appointments must be met promptly, or an extra fee is charged. The examinations are held on Thursday, September 22, men reporting in the morning and women in the afternoon.

THE GUIDANCE PROGRAM

Fundamentally, all teaching is guidance and all teachers are primarily concerned with guidance, but there are a number of phases of the guidance program which require technical specialization. A complete guidance staff includes those skilled in the accumulation and interpretation of records, psychometrists, psychological counsellors, and persons skilled in remedial measures.

The guidance program at Mesa College has been developed along with other functions of the college and although there are no staff members whose whole time is devoted to guidance in the special sense, yet all facul-

ty members are interested in guidance and assist in the general program which has been expanded to include not only educational but also health, social, and vocational guidance; a program which coordinates the various services of the college.

The guidance program begins when a prospective student is considered for admission and continues through the period of his residence study and in some cases throughout his early employment. A study is made of the student's pre-college experiences, his specific strengths and limitations, and his educational and vocational objectives. The goals to be reached and the needs, interests, and abilities of the learner will be the controlling factors in the determination of a given program of work at the college.

At the time of admission, stress is placed upon the collection of such data as will not only indicate the possibilities of success for the student but will provide necessary information for guidance after he is admitted. Before the student registers he attends conferences and takes certain tests by means of which his ability in the fundamental skills—especially reading—may be noted. He is asked to fill out a vocational interest locator and a personality inventory. From the results of these and a psychological test which is required of freshmen, the student is advised with respect to registration.

After admission, data collected from all possible phases of his college life are accumulated continuously, and his original plan of work is modified in accordance with his responses to the curriculum and guidance. A continuous study of the individual through personal contact, a system of conferences, and a comprehensive record system reveal his needs and suggest ways of meeting them. Each student is assigned to an advisor, a faculty member, who will act as his counsellor during the time he is in Mesa College.

Health is a matter of first importance in education. Mesa College attempts to preserve and to improve the student's health and to provide experiences which favorably influence habits and attitudes relating to health. Its health service includes (1) physical examinations to acquaint the student and his counsellor with his individual health status, follow-up to interpret the findings of the examination and to carry out any remedial procedures; (2) health supervision, involving control of the student's environment and regime through the cooperation of the student, his home, and his counsellor; (3) health instruction in the biological and sociological facts underlying health, by means of broad contacts with fields in which these facts appear; and (4) informal individual health guidance.

"Out-of-school" experiences of the student form an important part of his curriculum. His personal and social life are considered in the guidance program. The student's social development is taken into consideration at program conferences with his advisors with just as much care as is his academic development. Various experiences through which the student may meet his personal-social needs are provided. Organized group

activities and informal recreational meetings, participation in discussions, attendance at the theatre, musicales, art exhibits, teas, tea dances, and formal dances, afford opportunities for contacts between staff and students and between students and their fellows—a very important factor in social development.

In a very real sense, all school education is vocational, and students are preparing not only for life but also for the specific business of earning a livelihood. The Mesa College guidance program will enable the student to progress gradually and with a minimum of waste effort in choosing and preparing for a vocation. Upon admission, the student is assisted in filling out an "interest locator." This limits his work interests to one or two broad interest fields. This work-interest is taken into consideration in the long-time-plan of the student which begins with registration. During the freshman year the student, with the help of his advisor, makes an occupational inventory within the interest field. After a study of the possible occupations within the inventory, the student may select some particular occupation for which he wishes to prepare.

The next step is a study of the occupation to determine its requirements with respect to physical and mental ability of those engaged in it; the training demanded for success in the occupation; the opportunities for growth and promotion, its satisfactions monetary and otherwise, its demand for additional workers, etc. After a thorough study of the occupation, the student is guided in making a study of himself in relation to the desired occupation. This is followed by a comparison between the demands of the occupation and the interests and abilities of the student. If the student's interest persists after this detailed study, his advisor assists in making out a plan by means of which the student may prepare for and enter into the occupation of his choice.

The facts collected and used in the guidance program are available to the student concerned, and he is encouraged to assist in the collection and revision of his records. Continuous study of the student through personal contact and a comprehensive record system reveals his needs and the guidance program takes cognizance of, and attempts to meet, these needs sympathetically and as thoroughly as possible.

GENERAL INFORMATION

Entrance Requirements

Students must be high school graduates. (Exceptions may be made for students over twenty-one years of age.)

A transcript of high school records and of any college records should be submitted to the Registrar at time of registration. This transcript should be on file by the Saturday preceding the opening of the quarter. *Registration is not complete until this regulation has been complied with.*

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 upon the approval of the certificates by the Registrar. Transcripts of previous high school and college work must be filed.

An applicant for admission who has already attended any institution of collegiate grade is not at liberty to disregard the collegiate record and to apply for admission to the college upon the basis of 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 must be had from a previous institution, or registration is impossible.

Registration

Students may register at any time before the opening of a quarter by reporting to the college office for that purpose. However, it is suggested that the applicant register the two days previous to any quarter, which are set aside for that purpose. Freshmen report one week early, but register at the regular time.

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.

Advisory Committee

There is an Advisory Committee composed of members of the College faculty for the purpose of aiding and assisting college students. Entering students are at once assigned to a committee adviser.

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. Students desiring to carry more hours than the average load (16 hrs.) must have demonstrated their ability to do so by being maintained an average of "B" for the preceding quarter. The college administration feels 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 second week of the quarter.

Expenses

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

Students coming from outside of Mesa County pay a tuition charge of \$25.00 per quarter.

Fees. Certain courses and services require the payment of a fee:

	Quarter	Year
Student Activity Fee	\$3.00	\$ 2.00
Library Fee	1.00	3.00
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 (1)	5.00	15.00
Physics	5.00	15.00
English 22 (Play Presentation)	2.00	6.00
Accounting (1 or 11)	5.00	15.00
Typewriting (51 or 61)	5.00	15.00
Transportation Fee (for Ag. students)	5.00	15.00
Cap and Gown Rental		1.50
Diploma Fee		1.50

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

Late Registration Fee \$2.00

There is a fee of one dollar charged for any late or special examinations.

Refund of Fees and Tuition

No fees or tuition are returnable after two weeks from the opening of the quarter.

Books

The college maintains a book store for the purpose of selling books to students at cost plus a slight amount for transportation. The complete cost of books for the college year usually averages from \$12.00 to \$20.00 per student, depending on whether the student buys new or used books.

Phi Theta Kappa, honorary fraternity on the campus, maintains a used book store, where students may purchase second hand books and dispose of their own texts upon finishing with them. The college advises, however, the retaining of texts for future use and reference.

Board and Room

Good board and room can be secured for from \$20.00 to \$30.00 per month in Grand Junction.

Too, out-of-town students often can be placed in private homes where they may earn board or room, or both. The residents of Grand Junction are eager to help deserving students who need to earn a part of their own way. Many students work in restaurants or boarding houses for their board. Others care for furnaces and lawns for their rooms. The Dean of Men attempts to place all of the young men who need such assistance. Young women can be placed in good homes where they may earn their board and room by caring for children or doing light duties about the house. The Dean of Women carefully supervises such placement of girls.

Prospective students are advised not to expect to be able to earn all of their expenses while in college. They may be able to earn board or room, or both, or tuition; but very few are able to earn board, room, and tuition.

Approved Houses

All Junior College students from outside of Grand Junction who "board and room" during their attendance at the Junior College will be quartered only in those houses which have been approved by the Dean of Men and Dean of Women.

During the summer, a careful survey is made of the housing situation in Grand Junction, and the cooperation of all landlords is asked in providing entirely adequate and satisfactory homes for Junior College students. All out-of-town students are expected to arrange for their Junior College residence through the Deans of Men and Women.

Deans of Men's and Women's Regulations

Out-of-town students who "board and room" in Grand Junction during the college academic year will be asked to observe the Deans of Men's and Women's regulations concerning hours of study, recreation, etc.

Through long experience, it has been deemed necessary to impose upon out-of-town students certain regulations concerning the number of nights upon which they may have "dates" and the hour at which they return to their lodging. All approved boarding and rooming houses in Grand Junction will be subject to these regulations, and students are advised that they will be expected to observe them.

Placement Bureau and Employment

The Junior College maintains a placement bureau for the dual purpose of placing students in part-time jobs, and graduates in positions. Applicants for jobs must present satisfactory credentials before they may expect to avail themselves of the services of this bureau.

While the citizens of Grand Junction have been very generous in giving jobs to students and graduates, the head of the placement bureau is desirous of placing only those students who will do satisfactory work.

Students who are considering earning a part of their expenses while they are enrolled in the Junior 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, un-dependability, or negligence, is discharged from a job, need expect no further assistance from the bureau.

Prospective students and their parents are advised that board-and-room jobs in any college town require five or six hours of work per day, and that the student who goes to classes five hours and works for five or six has spent a very full day before he starts studying, which should consume at least four to six hours per day.

"Working one's way through college" is possible in Grand Junction, but it is a serious matter and should be started only by those ambitious and capable people who know what is entailed, and that only by extreme perseverance can it be accomplished.

Attendance

Regular attendance at class and laboratory sessions is of great importance to the student and is his responsibility as well as that of the institution. The college demands that he meet the requirements of the course; it makes only one distinction between excused and non-excused absences, and that pertaining to absences for college business only. 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 there is a fee of one dollar 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 necessitating make-up work are considered by the instructor and student, and the recommendation of the instructor is accepted by the office.

GRADING AND STANDARDS

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.
- W Withdrew. Dropped without discredit.

Inc.—Incomplete—requirements not met—must be made up by third week in following quarter or a grade of "F" is recorded in the office.

Grade Points

Although Grade Points are not used to determine graduation 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 attempts to transfer 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 point 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 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 mandatory in all courses except laboratory courses, and in 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 to three 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 towards graduation for one quarter's work of any full year subject. Only when courses are listed as single quarter entities will credit toward graduation be given for one quarter's work.

Explanation:

- Sociology 1 and 2—Essentials of Sociology—
Fall and Winter Quarters—2 hrs.
- Sociology 3 Rural Sociology—Spring Quarter—2 hrs.

To gain full credit for Sociology one or two—both quarters must be completed; however, Sociology 3 may be taken independently of Sociology 1 or 2—if, in the instructor's opinion, the student is capable of doing the work of the course.

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 second and third quarters of the subject or third quarter is completed, full credit will be allowed for the course.

Requirements for Graduation

A total of 86 quarter hours, six of which must be in physical education, plus certain specified courses are required for graduation. These requirements are met by completing one of the curriculums as outlined in the pages following.

Transfer of Credits to Other Institutions

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—terminal curriculums—are not transferable to universities or senior colleges.

Recommendation to Other Institutions

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.

Awards

The 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 United States history course; this is done to stimulate interest in the field, and to encourage excellent work.

The Grand Junction Women's Club gives an award to the sophomore student who does the best work in English for two years. This award is usually a gift of books, chosen with the interests and tastes of the recipient in mind.

Loan Funds

There exist some loan funds that are available to students who are in immediate need of short time credit.

1. The Hazel Moore Lewis fund.
2. The N. Chapter of the P. E. O. maintains a Loan Fund for deserving Mesa College students.
3. Chapter A Q of the P. E. O. also maintains such a fund.
4. The Business and Professional Women's Club of Grand Junction has created a fund for such a purpose.

SCHOLARSHIPS

For Use in the Junior College

For Freshmen

Through the grant of scholarship endowments by all of the major men's and women's clubs of Grand Junction and surrounding communities, it is possible for the Junior College to give a scholarship 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 the high school graduating class and must be deserving of scholarship aid from a financial standpoint. These scholarships are provided for the purpose of aiding promising students who, in all probability, otherwise, would not be able to attend college.

Also the Grand Junction Lions Club in conjunction with other Lions clubs over Western Colorado and Utah award scholarships to worthy young men and women of their communities. The Grand Junction chapter guarantees to match each scholarship granted by a Lions club outside of the city of Grand Junction with one from their organization. Students outside of Mesa County should make application to Lions Clubs in their own communities.

For use in the last two years in College or further training:

1. Denver University grants two scholarships each year to promising Mesa College graduates. These scholarships pay one half of a student's tuition at that University.
2. Colorado College offers a scholarship to an outstanding graduate of Mesa College.
3. Colorado State College of Education offers two complete scholarships to graduates of Mesa College interested in the teaching profession.
4. Colorado University offers a scholarship to an outstanding Mesa College graduate desiring to study at that University.
5. The Colorado School of Mines offers a scholarship to the outstanding graduate in pre-engineering in Mesa College.
6. Colorado State College of Agriculture and Mechanical Arts gives two full tuition and fee scholarships each year to outstanding graduates of Mesa College.

The following colleges invite graduates of Mesa College to apply for competitive Junior College scholarships:

University of Southern California, Mills College for Women, and certain professional schools, Barnard College, Northwestern University, University of Chicago, Pomona College for Women, Western Reserve, and

Stanford University.

Mesa College offers two types of curriculums:

1. Those satisfying the lower division requirements of Senior Colleges and Universities.
2. Those preparing students to go directly into vocational activities of their communities.

CURRICULUM

LIBERAL ARTS CURRICULUM

Prepares for the Junior Year of College or University

The following curriculum meets the requirements of most Universities and Senior Colleges. Those students who plan to enter the Liberal Arts School in their advanced work should follow this course.

The Liberal Arts Curriculum is designed for those students who have not yet decided in which field they wish to specialize, and for those who may desire a general cultural education embracing many fields of knowledge. Students expecting to teach in high schools and junior colleges should follow this curriculum.

<i>FIRST YEAR</i>	<i>Hrs.</i>	<i>SECOND YEAR</i>	<i>Hrs.</i>
<i>Courses</i>	<i>Hrs.</i>	<i>Courses</i>	<i>Hrs.</i>
English 1, 2, 3	9	Social Science	6-9
Foreign Language	15	Economics 51, 52, 53	
French		or	
or		Psychology 51, 52, 53	
German		or	
Science	9-15	Sociology 1, 2, 3	
Chemistry 1, 2, 3		*Mathematics 1, 2, 3	9
or		Science	9-15
Geology 1, 2, 3		Chemistry 51, 52, 53	
or		or	
Physics 51, 52, 53		Physics 51, 52, 53	
Physics 61, 62, 63		Physics 61, 62, 63	
or		or	
Hygiene 1, 2, 3		Hygiene 1, 2, 3	
Soc. Sci. 1, 2, 3	3	or	
Social Science	40*	Geology 1, 2, 3	
Political Science 1, 2, 3		Physical Education 51, 52, 53	3
or		Electives	12-21
Economic History 11, 12, 13			-----
or		Total	48
Modern European History 1, 2, 3			
Physical Education 1, 2, 3	3		
Total	48	*May be taken Freshman year	

LIBERAL ARTS CURRICULUM

Does NOT Prepare for University

The following curriculum will *not* give junior standing in the majority of senior colleges and universities. It is primarily designed as a terminal course of interest to those students who desire a broad contact with many subject fields.

FIRST YEAR		SECOND YEAR	
<i>Courses</i>	<i>Hrs.</i>	<i>Courses</i>	<i>Hrs.</i>
English 1, 2, 3	9	English	9
Social Science	49	English Literature 1, 2, 3	
United States History 51, 52, 53		or	
or		Contemporary Literature	
Modern European History 1, 2, 3		or	
or		Dramatics	
Economic History 11, 12, 13		or	
or		Creative Writing	
Political Science 1, 2, 3		Science	9-15
Science	9-15	Physics 51, 52, 53	
Physics 51, 52, 53		Physics 61, 62, 63	
Physics 61, 62, 63		or	
or		Chemistry 51, 52, 53	
Chemistry 1, 2, 3		or	
or		Hygiene 1, 2, 3	
Hygiene 1, 2, 3		or	
or		Agriculture	
Agriculture		or	
or		Geology 1, 2, 3	
Geology 1, 2, 3		Social Science	9
Soc. Sci. 1, 2, 3	3	Psychology 51, 52, 53	
Physical Education 1, 2, 3	3	or	
Electives	9-15	Sociology 1, 2, 3	
		or	
Total	48	Education 1, 2, 3	
		or	
		Economics 51, 52, 53	
		Physical Education 51, 52, 53	3
		Electives	12-18
		Total	48

PRE-COMMERCE AND BUSINESS ADMINISTRATION CURRICULUM

Prepares for the Junior Year of College or University

The following curriculum meets the requirements of the College of Commerce of most universities. Students may not transfer from this curriculum to University Colleges of Arts and Sciences.

Students wishing to specialize in commerce, business administration, or accounting are advised to take this course.

<i>FIRST YEAR</i>		<i>SECOND YEAR</i>	
<i>Courses</i>	<i>Hrs.</i>	<i>Courses</i>	<i>Hrs.</i>
English 1, 2, 3	9	Psychology 51, 52, 53	9
Economic History 11, 12, 13	9	Economics 51, 52, 53	9
Mathematics 1, 2, 3	9	Accounting 51, 52, 53	9
Soc. Sci 1, 2, 3	3	Physical Education 51, 52, 53	3
Typing 1, 2, 3	9	Electives	18
Physical Education 1, 2, 3	3		
Electives	6	Total	48
Total		48	

Does NOT Prepare for University

The following curriculum is designed for those students not contemplating transfer to other institutions of higher learning. It is especially meant for students preparing for commercial jobs to be entered into upon completion of their Mesa College training.

<i>FIRST YEAR</i>		<i>SECOND YEAR</i>	
<i>Courses</i>	<i>Hrs.</i>	<i>Courses</i>	<i>Hrs.</i>
English 1, 2, 3	9	Psychology 51, 52, 53	9
History 11, 12, 13	9	Economics 51, 52, 53	9
Mathematics 1, 2, 3	9	Accounting 51, 52, 53	9
Typing 1, 2, 3	9	Physical Education 51, 52, 53	3
Soc. Sci 1, 2, 3	3	Electives	18
Art 21, 22, 23	6		
Physical Education 1, 2, 3	3	Total	48
Total		48	

PRE-DENTAL CURRICULUM

Prepares for the Junior Year of College or University

The following curriculum meets the requirements of the majority of Dental Schools:

<i>FIRST YEAR</i>		<i>SECOND YEAR</i>	
<i>Courses</i>	<i>Hrs.</i>	<i>Courses</i>	<i>Hrs.</i>
English 1, 2, 3	9	Foreign Language	15
Chemistry 1, 2, 3	12	French	
Soc. Sci 1, 2, 3	3	or	
Mathematics 1, 2, 3	9-15	German	
or		Chemistry 51, 52, 53	12
Mathematics 11, 12, 13		Physics 51, 52, 53	12

Physical Education 1, 2, 3	3	Physics 61, 62, 63	
Electives	6-12	Physical Education 51, 52, 53	3
	-----	Electives	6
Total	48	Total	48

PRE-ENGINEERING CURRICULUM

Prepares for the Junior Year of College or University
Three Years of Senior College Still Necessary

This curriculum is so planned that little credit will be lost by the engineer transferring from Mesa College to the School of Engineering in most engineering schools and in most universities, and he may be able to complete his course in an additional two to three years of study.

The student desiring to transfer credits must have his curriculum adjusted to meet the requirements of the individual school he plans to attend. It would be well for him to consult the engineering department of Mesa College before completing registration.

Entrance into the engineering curriculum presupposes the completion of the following high school subjects, or Junior College equivalents as listed in the parallel columns below:

<i>High School Course</i>	<i>Units</i>	<i>Junior College Course</i>	<i>Qr. Hrs.</i>
Elementary Algebra	1 or	Mathematics 1	3
Advanced Algebra	1 or	Mathematics 2	3
Plane Geometry	1 or	No Course	0
Plane Trigonometry	1/2 or	Mathematics 3	3
Physics	1 or	Physics 1	4
Chemistry	1 or	Chemistry 1	4
Mechanical Drawing	1 or	Mechanical Drawing 1	3

FIRST YEAR

SECOND YEAR

<i>Course</i>	<i>Hrs.</i>	<i>Course</i>	<i>Hrs.</i>
English 1, 2, 3	9	Mathematics 51, 52, 53	15
Mathematics 11, 12, 13	15	Physics 51, 52, 53	15
Chemistry 1, 2, 3	12	" 61, 62, 63	12
Physical Education	3	Chemistry 51, 52, 53	12
Mechanical Drawing	9	or	3
Soc. Sci. 1, 2, 3	3	Geology 1, 2, 3	15
Physical Education 1, 2, 3	3	Physical Education 51, 52, 53	3
Total	54	Total	48

Does NOT Prepare for University

This course is designed principally for those students who plan to enter mechanical fields or become engineer's assistants upon graduation from Mesa College. Students entering this field should consult their adviser before completing registration.

FIRST YEAR		SECOND YEAR	
<i>Course</i>	<i>Hrs.</i>	<i>Course</i>	<i>Hrs.</i>
Mathematics 11, 12, 13.....	15	Physics 51, 52, 53	12
Chemistry 1, 2, 3.....	12	" 61, 62, 63	
Soc. Sci. 1, 2, 3.....	3	Psychology 51, 52, 53.....	9
Physical Education	3	Physical Education 51, 52, 53.....	3
Electives	15	Electives	24
	<hr/>		<hr/>
Total	48	Total	48

PRE-LEGAL CURRICULUM

Prepares for the Junior Year of College or University

The following curriculum satisfies the lower division requirements of the College of Liberal Arts, and in addition includes those subjects which will serve as the necessary foundation for future professional studies and those that are designed to give that broad cultural background so essential for the prospective lawyer.

FIRST YEAR		SECOND YEAR	
<i>Course</i>	<i>Hrs.</i>	<i>Course</i>	<i>Hrs.</i>
English 1, 2, 3.....	9	Psychology 51, 52, 53	9
Political Science 1, 2, 3.....	9	History 51, 52, 53	9
History 1, 2, 3	9	Economics 51, 52, 53	9
Soc. Sci. 1, 2, 3.....	3	Physical Education 51, 52, 53.....	3
Foreign Language	15	Electives	18
French			<hr/>
or		Total	48
German			
Physical Education 1, 2, 3.....	3		
	<hr/>		
Total	48		

PRE-MEDICAL CURRICULUM

Prepares for the Junior Year of College or University

The following curriculum meets the requirements of the lower division of the College of Liberal Arts, and is especially designed for students desiring to enter training for the medical profession. In order to get a degree in medicine, at least three years will be required beyond the sophomore year.

FIRST YEAR		SECOND YEAR	
<i>Course</i>	<i>Hrs.</i>	<i>Course</i>	<i>Hrs.</i>
English 1, 2, 3.....	9	Mathematics 51, 52, 53	12
Soc. Sci. 1, 2, 3.....	3	Psychology 51, 52, 53.....	9
Chemistry 1, 2, 3.....	12	Physics 51, 52, 53	12

Mathematics 1, 2, 3.....	9	Physics 61, 62, 63.....	5
or		Physical Education 51, 52, 53.....	5
Mathematics 11, 12, 13.....	15	Electives	12
Physical Education 1, 2, 3.....	3		
Electives	6-12	Total	48
Total		48	

PRE-TEACHER TRAINING CURRICULUM

Prepares for Senior College Entrance

Permit of One Year Upon President's Recommendation

The following curriculum meets the requirements of the lower division of the Liberal Arts College. It is principally designed to meet the needs of those who plan preparation for kindergarten and elementary school training. (To meet the requirements of secondary school training, further study is needed.) Upon completion of this curriculum and upon receipt of the President's recommendation, a pre-teaching permit may be received by the student which entitles him to teach for one year in the public schools of Colorado. At the expiration of that year, he must complete one full year additional college work before he may continue in this profession.

FIRST YEAR		SECOND YEAR	
Course	Hrs.	Course	Hrs.
English 1, 2, 3.....	9	Psychology 51, 52, 53.....	9
Chemistry 1, 2, 3.....	12	Classroom Management	3
Soc. Sci. 1, 2, 3.....	3	Elementary School Management	3
Foreign Language	15	Introduction to Education	3
French		History of Education	9
or		Practice Teaching	6
German		Physical Education 51, 52, 53.....	3
Physical Education 1, 2, 3.....	3	Electives	8
Mathematics 1, 2, 3.....	9		
Total		Total	
	51		44

Optional Courses	Hrs.
English literature 1, 2, 3.....	9
Chemistry 51, 52, 53.....	12
Foreign Language	15
French or German	
Mathematics 1, 2, 3.....	
Social Science	9
Economic History 11, 12, 13.....	
Political Science 1, 2, 3.....	
European History 1, 2, 3.....	
Art	9
Physical Education	3
Electives	9-15

PRE-FORESTRY CURRICULUM

Prepares for the Junior Year of Agricultural College or University

This curriculum is prescribed for those students intent on entering the school of Forestry. There is little lee-way allowed, hence the prospective student is warned to strictly adhere to the following schedule.

FIRST YEAR		SECOND YEAR	
Course	Hrs.	Course	Hrs.
English 1, 2, 3	9	Psychology 51, 52, 53	9
Chemistry 1, 2, 3	12	Geology 1, 2, 3	15
Mechanical Drawing 1, 2, 3	9	Economics 51, 52, 53	9
Soc. Sci. 1, 2, 3	3	Physics 51, 52, 53	12
Mathematics 1, 2, 3	9	" 61, 62, 63	
Physical Education 1, 2, 3	3	Physical Education 51, 52, 53	3
Electives	3		
	—		—
Total	48	Total	48

AGRICULTURAL CURRICULUM

Does NOT Prepare for University or College

This curriculum is designed for those students interested in Agriculture who are unable to take a complete University course. Its application is essentially practical. It may also give preliminary training for those interested in the field of Forestry.

FIRST YEAR		SECOND YEAR	
Course	Hrs.	Course	Hrs.
Soc. Sci. 1, 2, 3	3	Science	9-15
Science	9-15	Chemistry 1, 2, 3	
Chemistry 1, 2, 3		or	
or		Physics 51, 52, 53	
Hygiene 1, 2, 3		" 61, 62, 63	
or		or	
Physics 51, 52, 53		Geology	
" 61, 62, 63		or	
or		Hygiene	
Geology 1, 2, 3		Agriculture	25
Agriculture	25	Social Science	9
Social Science	9	Psychology 51, 52, 53	
History 11, 12, 13		or	
or		Sociology 1, 2, 3	
History 1, 2, 3		or	
or		Economics 11, 12, 13	
Political Science 1, 2, 3		or	
Physical Education 1, 2, 3	3	Education 51, 52, 53	
	—	or	
Total	49	History 1, 2, 3	

or	
English 1, 2, 3	9
Physical Education 51, 52, 53	3
Electives	0-2
	<hr/>
Total	48

ARCHITECTURAL CURRICULUM

Does NOT Prepare for University

This curriculum is designed for students interested in architecture who are unable to take a complete university course. The student is given sufficient experience in drafting, lettering, and architectural drawing to go directly into an architect's office.

FIRST YEAR		SECOND YEAR	
Course	Hrs.	Course	Hrs.
English 1, 2, 3	9	Physics 51, 52, 53	15
Mathematics 11, 12, 13	15	" 61, 62, 63	
Mechanical Drawing	9	Social Science	9
Soc. Sci. 1, 2, 3	3	Psychology 51, 52, 53	
Art 1, 2, 3	6	or	
Physical Education 1, 2, 3	3	Sociology 1, 2, 3	
Electives	3	or	
	<hr/>	Economics 11, 12, 13	
Total	48	or	
		History 1, 2, 3	
		Physical Education 51, 52, 53	3
		Electives	21
			<hr/>
		Total	48

ART CURRICULUM

Does NOT Prepare for University or College

This curriculum is designed for students interested in Art, who are not contemplating taking a complete university course. Its purpose is to meet the art desire of the community, and also to develop the appreciative as well as the creative powers of the individual student. Art Majors are recommended to take courses in Music Appreciation.

FIRST YEAR		SECOND YEAR	
Course	Hrs.	Course	Hrs.
English 1, 2, 3	9	Social Science	9
Social Science	9	Psychology 51, 52, 53	
Economic History 11, 12, 13		or	
or		Sociology 1, 2, 3	
European History 1, 2, 3		or	
or		Education 51, 52, 53	

Political Science 1, 2, 3	or	Economics 11, 12, 13	
Art21	Art		21
Freehand---first year	Second year Color and Design		
or	Still Life Painting		
Color and Design---first year	Physical Education 51, 52, 53.	3	
or	Electives	15	
Lettering			
Soc. Sci. 1, 2, 3			
Physical Education 1, 2, 3			3
Electives			
			<hr/>
Total			48

GENERAL BUSINESS CURRICULUM

Does NOT Prepare for University

This curriculum is designed for students who are interested in business management and general business training, but are unable to take a complete university course. It will acquaint the student with general economic problems and with actual business practice in accounting, economic trends, and other fields. Emphasis is placed on practical application of information.

FIRST YEAR		SECOND YEAR	
Course	Hrs.	Course	Hrs.
English 11, 12, 13	6	Accounting 11, 12, 13	9
Soc. Sci. 1, 2, 3	3	Social Science	9
Typing 1, 2, 3	9	Sociology 1, 2, 3	
English 1, 2, 3	9	or	
Social Science	9	Psychology 51, 52, 53	
Economic History 11, 12, 13		or	
or		U. S. History 51, 52, 53	
European History 1, 2, 3		Science	9-15
or		Geology 1, 2, 3	
Political Science 1, 2, 3		or	
Physical Education 1, 2, 3	3	Physics 51, 52, 53	
Mathematics 1, 2, 3	9	" 61, 62, 63	
		or	
Total	48	Hygiene 1, 2, 3	
		Economics 51, 52, 53	9
		Physical Education 51, 52, 53	3
		Electives	3-9
			<hr/>
		Total	48

JOURNALISM CURRICULUM

Does NOT Prepare for University

This curriculum is planned for the individual who wishes to equip himself as a journalist. It specializes, of course, in written English with

Electives	3	or	Sociology 1, 2, 3
	—	or	Economics 51, 52, 53
Total	48		United States History 51, 52, 53
			Physical Education 51, 52, 53 .. 3
			Electives
			12-21
			<hr/>
		Total	48

PRE-NURSING CURRICULUM
Does NOT Prepare for University

This curriculum is designed for students in nursing, dietetics, and related fields. It includes courses required in the preliminary nursing training of most hospitals. It also prepares for the vocation of doctor's or dentist's assistants by providing training in Chemical Analysis and offering opportunity in the secretarial courses. Students intending to continue in nursing should consult the requirements of the hospital in which they wish to train.

<i>FIRST YEAR</i>		<i>SECOND YEAR</i>	
<i>Course</i>	<i>Hrs.</i>	<i>Course</i>	<i>Hrs.</i>
English	9	English	9
English Literature		Dramatics	
Contemporary Literature		Speech	
Speech		English Literature	
English 1, 2, 3		Contemporary Literature	
Chemistry 1, 2, 3	12	Chemistry 51, 52, 53	12
Soc. Sci. 1, 2, 3	3	Social Science	9
Hygiene 1, 2, 3	9	Psychology 51, 52, 53	
Social Science	9	or	
European History 1, 2, 3		Sociology 1, 2, 3	
or		or	
Economic History 11, 12, 13		Economics 51, 52, 53	
or		Accounting 11, 12, 13	9
Political Science 1, 2, 3		Physical Education 51, 52, 53 ..	3
Typing 1, 2, 3	6	Electives	6
Physical Education 1, 2, 3	3		
	<hr/>		<hr/>
Total	51	Total	48

MUSIC CURRICULUM
Does NOT Prepare for University or College

This curriculum is designed for students interested in music who are not planning on taking a complete University course. Its purpose is to meet the needs of the community for Music as a vocational as well as cultural subject; and to develop the appreciative, the interpretative, and

the creative powers of the individual student. Music Majors are recommended to take courses in Art Appreciation. It is also suggested that students selecting this curriculum carry Band, Orchestra, Chorus, and private instruction in their own particular field of interest in addition to the program listed below.

<i>FIRST YEAR</i>		<i>SECOND YEAR</i>	
<i>Course</i>	<i>Hrs.</i>	<i>Course</i>	<i>Hrs.</i>
English 1, 2, 3	9	Social Science	6-9
Soc. Sci. 1, 2, 3	3	Psychology 51, 52, 53	
Music	18	or	
Musicianship		European History 1, 2, 3	
First year Harmony		or	
Harmony Appreciation		American History 51, 52, 53	
Choir		or	
Band		Sociology 1, 2, 3	
Physical Education 1, 2, 3	3	Music	18
Electives	15	Second year Harmony	
		Appreciation of Harmony	
Total	48	Choir	
		Band	
		Orchestra	
		Physical Education 51, 52, 53	3
		Electives	13-21

		Total	48

SOCIAL ARTS CURRICULUM

Does *NOT* Prepare for University or College

This course is designed for students who have not yet decided in which field they wish to specialize and for those who may desire a general cultural education embracing many fields of knowledge.

<i>FIRST YEAR</i>		<i>SECOND YEAR</i>	
<i>Course</i>	<i>Hrs.</i>	<i>Course</i>	<i>Hrs.</i>
English	9	English	9
English 1, 2, 3		English Literature	
English Literature		Contemporary Literature	
Contemporary Literature		Speech	
Speech		Dramatics	
Social Science	9	Creative Writing	
Economic History 11, 12, 13		Social Science	6-9
European History 1, 2, 3		Psychology 51, 52, 53	
Music 61, 62, 63	9	or	
Soc. Sci. 1, 2, 3	3	Sociology 1, 2, 3	
Physical Education 1, 2, 3	3	or	

Electives	15	Economics 51, 52, 53	
		Science	9-15
Total	48	Chemistry 1, 2, 3	
		or	
		Geology 1, 2, 3	
		or	
		Hygiene 1, 2, 3	
		Art 11, 12, 13	9
		Physical Education 51, 52, 53	3
		Electives	1-12
		Total	48

COURSES OF STUDY

AGRICULTURE

1, 2, 3. General Agriculture. 5 hrs.

This course is planned with emphasis on problems in Animal Husbandry. Problems in selection, feeding, breeding, marketing and handling of beef cattle, sheep, dairy cattle, horses, and poultry are studied. Special problems are stressed as will arise on the student's home farm. Cropping in relation to the livestock industry will be studied in supplemental projects, also consideration of farm mechanics is offered.

11. Production and Management of Livestock. 5 hrs.

This course is for out-of-school boys who have had some farm experience, and want to become established in farming. Opportunity is given for students to work out practical plans for handling some livestock enterprises on their home farms. Problems of selection, feeding, breeding and marketing of both market and breeding stock are discussed. Trips are taken to nearby farms having pure bred and feeder stock to get ideas on feeding and management. Laboratory work consists of such jobs as balancing rations, reading a pedigree, planning a feeding program, testing milk, judging livestock.

12. Crop Production and Orchard Management. 5 hrs.

This is a practical course in the discussion of the common farm problems in cropping, vegetable gardening and orchard management. Such problems as selection of varieties, maintaining soil fertility, crop rotations, the control of insects, diseases and noxious weeds are studied. Laboratory work consists of such jobs as judging grain, identifying insects and weeds, planning rotations, taking soil samples, pruning, measuring and mapping fields, etc. The course is fitted to the needs of the individual student as much as possible. Opportunity is given for field trips to visit orchards, truck farms, and farms where modern farm practices are being successfully used.

13. General Farm Mechanics. 5 hrs.

This course is designed for students to develop skill in woodwork, soldering, blacksmithing, elementary farm carpentry, wood finishing, estimating, and sketching. This training should enable him to return to his home farm with sufficient skill to do the ordinary repair and construction work.

14. Farm Power Machinery Operation and Repair. 5 hrs.

This course is planned for farm boys who wish to secure additional skill in repair and operation of Farm Power Machinery. Opportunity is given for students to get actual practice in valve grinding, bearing adjustment, trouble shooting, and replacement of parts. Problems of carburetion, lubrication, ignition, and transmission of power are studied through seeing the different makes of tractors, charts, and moving pictures.

51, 52, 53. Productive Agriculture. 5 hrs.

This course is planned primarily for students who have had Agriculture 1, 2, and 3 with emphasis of crop, and vegetable production and orcharding. Special stress is made on maintaining soil fertility, selecting good seed, control of insects, diseases and weeds, as it relates to the problems of the community. Individual systems of farming as it affects the livestock enterprises is part of the course.

ART

1, 2, 3. First Year Freehand Drawing. M. W. F. 2 hrs.

A foundation course in drawing, and should be taken preliminary to any advanced work in creative art. Emphasis is laid upon drawing from casts to develop a student's power in graphic expression. Composition and representation in various graphic media. Use of line and tone to express rhythmic and structural pattern.

11, 12, 13. First Year Color and Design. M. W. F. 3 hrs.

A survey course in the field of creative art. The basic course for all other art. It represents a study for the thorough understanding of the elements and principles of art composition, color theory, and the ways of creating color harmony. This course covers the fundamentals of drawing and painting in various media. The instruction is sufficiently individualized so that beginners may get a sound foundation in the art principles; and those who have had art in the high school may go on from where they left off.

21, 22, 23. Lettering M. W. F. 2 hrs.

The course aims to familiarize each student with the basic types of alphabets. It also aims to develop speed and skill in construction of letter forms with various types of lettering pens and brushes. Groups of words

are arranged in very simple, well spaced layouts, and show card and poster composition are emphasized.

51, 52, 53. Second Year Freehand Drawing. M. W. F. 2 hrs.

A continuation of Art 1. This course offers a student the opportunity for a more thorough study of figure drawing, from both casts and living models, quick sketch and memory drawing. In working out the problems, emphasis is laid on live quality and massing of light and dark.

Prerequisite: Art 1, 2, 3.

61, 62, 63. Second Year Color and Design. M. W. F. 3 hrs.

Lectures and laboratory work dealing with the creation and development of design motives and free, instinctive application of principles of design to typical everyday problems.

Prerequisite: Art 11, 12, 13.

71, 72, 73. Still Life Painting. M. W. F. 2 hrs.

Laboratory work, dealing with paintings as a medium of artistic expression. Problems in landscape, still life, and portraiture lay the emphasis on plastically significant presentation of the motif in the term of the medium employed.

Prerequisite: Art 1, 2, 3.

81, 82. Methods of Teaching Art. Tu,Th. 2 hrs.

A course dealing with the methods and materials of teaching the fine, industrial and related arts in public schools. Analysis and organization of fundamental subject matter; unit technique of instruction; sources and educational value of visual and other teaching aids.

91, 92, 93. Costume Illustration. M. W. F. 2 hrs.

Figure drawing and composition; the study of period costumes; the study of contemporary costumes for all occasions, and the drawing and designing of fashions.

Prerequisites: Art 1, 2, 3, and Art 11, 12, 13.

BUSINESS EDUCATION

1, 2, 3. Elementary Typing. 2 hrs.

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

11, 12, 13. Elementary Accounting. 2 hrs.

A study of the fundamental principles of accounting applicable to the records of trading concerns. Preparation and analysis are made of financial statements. The theory and practice of cost accounting and the audit are presented.

CHEMISTRY

1, 2, 3. General Inorganic Chemistry. 4 hrs.

Lectures, discussion, and laboratory dealing with laws, theories, and problems of chemistry, together with a study of the commoner elements and their more important compounds.

51, 52, 53. Organic Chemistry. 4 hrs.

Lectures and laboratory. A study of the methods of preparation and properties of some of the more important compounds of carbon. Special emphasis is placed on theories underlying the processes and on the proof of structure of the compounds studied.

Prerequisite: Chemistry 1, 2, 3.

ECONOMICS

51, 52, 53. Principles of Economics. 3 hrs.

A study is made of the fundamentals of Economics with especial consideration of the background of our present economic problems.

EDUCATION

51. Introduction to Education. Fall Quarter. 3 hrs.

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

52. Classroom Management. Winter Quarter. 3 hrs.

A study of the principal elements in successful classroom activities. It includes such factors as the daily schedule, playground activities, health programs, records, and reports, tests and measurements, and problems of discipline.

53. Methods of Elementary Instruction. Spring Quarter. 3 hrs.

A course in the study of the methods used in elementary instruction. Problems having to do with the assignment, motivation, the learning unit, appreciation, drill, guidance in study, and the like, are studied.

61. History of Ancient and Medieval Education. 3 hrs.

A general survey of the development of education from primitive times to the Renaissance. The study of Oriental, Greek, Roman, Early Christian, and Medieval educational institutions and philosophies. Lectures, discussions, oral and written reports, readings.

62. History of Modern Education. 3 hrs.

A general survey and interpretation of the more significant movements and influences that have entered into the making of modern education during the last three centuries. Present-day education in the lead-

ing countries of Europe. Representative educational philosophers and their particular contributions to modern education.

63. History of Education in the United States. 3 hrs.

Part I. Historical backgrounds of American education. Schools transplanted and developed in the colonies; the movements for free, state supported and state controlled schools; the rise of secondary schools and colleges; the public school revival and its leaders.

Part II. American education since 1860, including the influence of economic and industrial changes; the rise of scientific study of education; present-day tendencies and problems.

71, 72, 73. Practice Teaching. Fall, Winter and Spring Quarters. 2 hrs.

Required of all expecting to teach.

A course in the theory and practice of instruction. The cadet teacher must teach two half-day periods a week in the public schools of Grand Junction. The student 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 teachers and principals as well as by a college representative.

ENGLISH LANGUAGE

01. Sub-Freshman English. 1 hr.

This course is required of all students who desire to take English courses and have failed the entrance examination. It is comprised of a review of high school English in which themes and other exercises must be written.

1, 2, 3. Freshman English. 3 hrs.

A course in English usage with emphasis upon composition, both written and oral, for the purpose of teaching the student self-expression. Included in the course is a study of selected essays, practical training in the use of the library, and a review of English fundamentals.

11, 12, 13. Public Speaking. 2 hrs.

A general introductory course in public speaking, planned to give the fundamentals of speech preparation and to develop simple and direct speaking. Actual practice in the preparation and delivery of classroom speeches.

21, 22, 23. First Year Dramatics. 62 hrs.

An introduction to acting and the dramatic arts, including pantomime, characterization, oral interpretation, and practical experience in public performances and radio productions.

51, 52, 53. Creative Writing. 2 hrs.

A laboratory course for training in the various fields of self-expression, including the article, the story, and for students who show a special aptitude, the play and poetry. Three quarters required for credit.

Prerequisite: English Language 1, 2, 3.

61, 62, 63. Second Year Dramatics. 2 hrs.

A continuation of the first year course, dealing with the more advanced types of acting and interpretation.

Prerequisite: English Language 21, 22, 23.

ENGLISH LITERATURE

11, 12, 13. Reading for Leisure. 3 hrs.

English Literature 11: An Introduction to Fiction. Fall quarter.

English Literature 12: An Introduction to Poetry. Winter quarter.

English Literature 13: An Introduction to the Drama. Spring quarter.

These three courses, although each may be taken separately, form a unified introduction to literature for the Freshman and Sophomore student. By means of reading widely in each of the three fields, through lectures and class discussions, the student learns to appreciate what is good in literature for the purpose of employing his leisure time.

71, 72, 73. Contemporary British and American Literature. 3 hrs.

A study of trends and movements in contemporary literature, with especial emphasis upon the relation of modern writing to modern life, and the development of these movements from the lectures, discussions, collateral reading. For Sophomores only.

FRENCH

1. Elementary French. 5 hrs.

Intended for students having no previous knowledge of French. A careful study of the elements of the written and spoken language. Ear training and oral practice are provided through conversation and reading. Essentials of French grammar.

2. Elementary French. 5 hrs.

A continuation of French 1. The essentials of elementary grammar are completed. Translation exercises from English into French and a translation into English of easy French texts, French cultural essays.

3. Intermediate French. 5 hrs.

Intended for those who have taken Elementary French, or for those having 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.

51. French Literature Before the Seventeenth Century. 3 hrs.

The development of the French language and literature from the beginnings to the seventeenth century. Chansons de geste, representative writings of the Middle Ages and the Renaissance are read and discussed.

Prerequisite: French 1, 2, and 3; or two years of high school French.

53. Modern French Literature. 3 hrs.

A brief survey of French literature of the eighteenth and nineteenth centuries. Reading and explanation of the great prose writers and lyric poets of this period.

61. French Composition. 2 hrs.

Review of French grammar, especially irregular verbs. Oral and written composition. Idiomatic translation of English into French. Dictation and discussion of outside readings.

Prerequisite: Same as for French 51.

62. French Composition. 2 hrs.

French 61 continued. Letter writing. Original paragraphs.

63. French Composition. 2 hrs.

Theme writing in French. Sight translation of English into French. Conversation.

GEOLOGY

1. Physical Geology. 3 days lecture; 2 days lab. 5 hrs. Fall Quarter.

A study of the various geologic forces that are acting upon the Earth and the changes produced by them. Such activities as the wind, glaciers, stream erosion and volcanoes are studied in detail and field trips are taken by classes to observe the results of these agencies. Trips to Grand Mesa, Unaweep Canyon, and to the natural gas field at Mack are made during the quarter.

2. Structural, Dynamic and Economic Geology. 2 days lab.; 3 days lecture. Winter Quarter. 5 hrs.

Students investigate the structure of the earth by means of classroom discussion and field observation. The folding and faulting of the earth's crust is studied with special reference to the origin of various types of mountains. The second part of the quarter is devoted to a study of the more common rocks and minerals. Some study is also made of the influence of geologic forces in the formation of ore deposits.

3. Historical Geology. 3 days lecture; 2 days lab. 5 hrs. Spring Quarter.

A study of the origin of the earth and development and evolution of

Prerequisites: High school algebra, plane and solid geometry, and the student is expected to have Math. 11 before this course.

18. Analytical Geometry. Spring Quarter. 5 hrs.

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.

Prerequisites: Math. 11 and 12.

MECHANICAL DRAWING

1. Engineering Drawing. Fall Quarter. 3 hrs.

Six hours of drafting, with quiz sections. Use of drawing instruments, lettering, principles of orthographic projection, dimensioning, reading drawings, auxiliary and sectional views.

2. Engineering Drawing. (Descriptive Geometry.) Winter Quarter. 3 hrs.

Six hours of drafting with quiz sections. Orthographic projection of points, lines, planes, and curved surfaces mostly in the third quadrant of projection. The change of position method is applied to a series of practice problems and practical problems. The practical problems are presented as they would be encountered in engineering practice.

Prerequisites: Drawing 1 and Solid Geometry.

3. Engineering Drawing. Spring Quarter. 3 hrs.

Six hours of drafting. Isometric, dimetric, oblique, and cabinet drawing, linear perspective, working, drawings, development of surfaces, tracing and blue printing.

MUSIC

All students who are majoring in music should take Music 1, 2, 3, 11, 12, 13, 51, 52, 53, 61, 62, 63.

1, 2, 3. Musicianship. 2 hrs.

The fundamentals of music: Music terminology, elementary sight singing and ear training. A general musical knowledge for any student interested in music. A general survey of the rise and development of musical form and of instrumental music will constitute a portion of this course.

11, 12, 13. Harmony. First Year. 3 hrs.

A practice in chord progressions and harmonizing of simple melodies and basses. Deals with the primary and secondary chords and their inversions; dominant seventh and ninth chords, diminished seventh chords and simple modulations. This course is required for all advanced work in music.

51, 52, 53. Harmony. Second Year. 3 hrs.

A study of Modulation, primary and secondary sevenths and their

inversions, altered chords, non-harmonic tones, modern harmony.

Prerequisite: Music 11, 12, 13.

61, 62, 63. History and Appreciation. 3 hrs.

The appreciation and enjoyment of good music through intelligent listening. The evolution of music from ancient times to the present. The development of musical form. The lives of great composers and analysis of their works, illustrated by recordings. Lectures, assigned readings, term papers.

Prerequisite: Music 1, 2, 3.

71. Methods of Public School Music. 2 hrs.

Special techniques and methods of presentation. Materials and supplementary materials for the grades. Methods of teaching rote songs, sight singing, theory appreciation, and operetta. Classroom demonstrations. No texts required. Lectures, outside readings, term papers, journals.

Prerequisite: Music 1, 2, 3.

21, 22, 23.

72, 73, 74. College Choir. 1 hr.

Open to all college men and women. Preparation and public performance of one oratorio or cantata with orchestra accompaniment. Selections from Classic, Romantic, and Modern schools of choral literature to be studied.

31, 32, 33.

81, 82, 83. Band. 1 hr.

Music of standard and semi-popular character is studied in this course. It is open to all qualified students. Full credit is conditional on participation in college and community performances.

41, 42, 43.

91, 92, 93. Symphony Orchestra. 1 hr.

The aim of this course is to give the student an opportunity to advance in appreciation, understanding and technical ability. This course offers practical experience in the performance of standard orchestra music. It is open to all qualified students until instrumentation is completed. Admission by try-out.

1, 2, 3.

51, 52, 53. Private Violin.

1, 2, 3.

51, 52, 53. Private Viola

1, 2, 3.

51, 52, 53. Private Cello.

1, 2, 3.

51, 52, 53. Private C. Bass.

1, 2, 3.

51, 52, 53. Private Piano.

1, 2, 3.

51, 52, 53. Private Flute.

1, 2, 3.

51, 52, 53. Private Oboe.

1, 2, 3.
51, 52, 53. Private English Horn.

1, 2, 3.
51, 52, 53. Private Clarinet.

1, 2, 3.
51, 52, 53. Private Bassoon.

1, 2, 3.
51, 52, 53. Private Voice.

PHYSICAL EDUCATION

For Men

1, 2, 3.
51, 52, 53. 1 hr.

Physical Education credit is given for football, basketball, track, fencing, wrestling, boxing, gymnasium, and swimming.

For Women

1, 2, 3.
51, 52, 53. 1 hr.

The physical education department offers during the fall quarter: swimming, tennis, advanced games (soccer, speed ball, volley ball), archery, folk dancing, and a corrective class. (Prerequisite to a corrective class is the permission of the instructor or recommendation of a physician.)

Winter quarter one may choose swimming, basketball, modern or interpretative dancing, elog dancing. There will also be a corrective class.

Spring quarter physical education consists of swimming, archery, softball, and volleyball, folk dancing, and a corrective class.

PHYSICS

51, 52, 53. General Physics. 4 hrs.

Lecture one hour, recitations three hours. Mechanics and heat, fall quarter; sound and light, winter quarter; magnetism and electricity, spring quarter. A thorough presentation of the fundamental facts, principles and application of physics.

Prerequisites: Math. 11 and 12.

61, 62, 63. Experimental Physics. 1 hr. 3 hrs. laboratory.

This course should be taken with Physics 51, 52, 53. The presentation of laboratory experiments follows the work in general physics.

54. Statics. Spring Quarter. 3 hrs.

This course includes the treatment of problems involving force systems acting on particles and structures which are not accelerated, friction, centers of mass, moments of inertia areas, rigid bodies, and volume.

Prerequisites: Physics 51 and Calculus.

POLITICAL SCIENCE

1, 2, 3. American Government. 3 hrs.

This is a beginning course in the principles of government with the fundamental principles upon which the American Government is founded: It presents from a functional standpoint the organization and services of the national, state and local governments. Current problems are dealt with throughout the course.

PSYCHOLOGY

1, 2. General Psychology. 3 hrs.

This course gives a general survey of the factors of human behavior, emphasizing the personal and social applications of psychology.

3. Educational Psychology. 3 hrs.

A study of the chief influences having to do with the growth and development of the mental processes of the individual. Emphasis is placed on the ideas of intelligent self-direction, creative experiencing, and social functioning.

SOCIAL SCIENCE

Social Science 1, 2, 3.

This course represents a freshman orientation course which is required of all first year students. Customs, manners, social behaviour, popular science, social institutions, and general cultural subjects are introduced to the student.

SOCIOLOGY

1, 2. Introduction to Sociology. Fall and Winter Quarters. 2 hrs.

An introductory course in the theory of Sociology. It is a study of social institutions, including their proper functions and chief defects, basic social processes, and social philosophies.

3. Rural Sociology. Spring Quarter.

A study of the social problems of rural community life with emphasis upon modern trends and conditions.

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