

MESA COLLEGE

CATALOG

1942/43

Grand Junction, Colorado

Mesa College

Grand Junction, Colorado

Catalog of Information
1942-'43

A County Junior College

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College Calendar

1942

Fall Quarter

- September 18-19 Freshman Week, examinations, social functions
- September 18-19 Registration
- September 21 Classes begin
- November 11 Armistice Day holiday
- November 26-27 Thanksgiving vacation
- December 7-11 Final examinations

Winter Quarter

- December 14 Completion of Registration for Winter Quarter
- December 15 Winter Quarter classes begin
- Dec. 24 - Jan. 3 Christmas holiday

1943

- January 4 Classes resume
- March 8-12 Final examinations
- March 13-20 Spring vacation

Spring Quarter

- March 22 Completion of Registration for Spring Quarter
- March 23 Spring Quarter classes begin
- May 31 - June 4 Final examinations, Commencement Week

1942																													
SEPTEMBER							OCTOBER							NOVEMBER							DECEMBER								
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S		
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28	29	30					31																						

1943																															
JANUARY							FEBRUARY							MARCH							APRIL										
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S				
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26	27	28	29	30	31		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
26	27	28	29	30	31		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25

MAY							JUNE							JULY							AUGUST										
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S				
					1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25		
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26	27	28	29	30	31		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25

Mesa College Program

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

COUNSELLING Through pre-registration conferences which are held during the summer and immediately before actual registration begins for each quarter, students and prospective students are advised of the offerings of the College in relation to their own needs and interests. Each student is assigned a counselor within the first week of school. This assignment is formed upon his expressed vocational and academic major and interest. Through the operation of the Orientation Program the student meets his counselor at designated intervals throughout each quarter of his entire attendance at Mesa College.

During Freshman Week tests are given to determine interests and abilities of new students. Results of these examinations are available to the student and his advisor and form an excellent base for counseling progress. The relationship between the advisee and the faculty advisor is one of friendly, genuine interest. Their periodic meetings offer excellent opportunities for a continual check on the student's progression.

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

TERMINAL TRAINING Mesa College realizes the desirability and necessity for vocational guidance, training, and practical experience that will prepare students to take their places as wage earners.

The Director of Vocational Education has immediate supervision over the work offered in agriculture, commerce, and home economics. He is also responsible for the placement service rendered to Mesa College graduates and students whom he recommends for employment.

It seems clear that in the future the vocational aspects of Mesa College work will constantly expand and that it will thereby offer to an increasing number of high school graduates a varied program of occupational guidance and training which will meet their needs.

Mesa College Personnel

Mesa College Committee

R. H. Penberthy, President..... Grand Junction
 J. A. Edging, Secretary..... Arapahoe
 M. L. Dillay, Treasurer..... Oñfion
 Mrs. Clyde Biggs..... Grand Junction
 Carl Porter..... Callahan
 Mrs. Sadie Haggert, County Supt. of Schools (Ex-Officio)..... Fruite

Officers of Administration

Hilrace J. Wabben, B. A., M. A..... President of the College
 Mary Reif, B. A., M. A..... Vice-President, Dean of Women
 Marshall C. Miller, B. A., M. A..... Dean of Men
 Maurice Griffith, B. A., M. S..... Registrar

Faculty

Roland R. Ball, M. A..... University of Colorado
 English Language, Economics, Literature
 W. C. Binnawes, Ph. D..... University of Nebraska
 German
 Cecelia Carstman, B. F. A..... University of Colorado
 Art
 Peter L. Carlston, B. S..... University of Utah
 Athletics, Physical Education
 Martin H. Dorsey, Ph. D..... University of Colorado
 Education, Research
 M. B. Fitzgerald..... Teachers College, Maryville, Mo.
 Business
 Rhode Foss, M. S..... Colorado State College
 Home Economics
 Maurice Griffith, M. S..... Colorado College
 Mathematics, Physics, Engineering Drawing
 William Hartman, M. A..... Colorado State College of Education
 Pedagogy, Germanism
 Edward Hoyt, M. S..... University of Colorado
 Zoology
 Marie Kihlhofer, M. A..... University of Chicago
 English Language, American Literature

Orlando R. Lindesmith, M. A.	University of Wisconsin
Chemistry, Mathematics	
Marshall C. Miller, M. A.	Colorado State College of Education
Sociology, Political Science	
Evangeline Olsen, B. S. C.	University of Iowa
Business	
Sally Pooblos, M. A.	University of Colorado
Foreign Language	
Mary Reid, M. A.	University of Colorado
History	
Louise Roloff, B. S.	University of Colorado
Physical Education, Mathematics	
Harold Roth, B. S.	Colorado State College
Vocational Administration	
Lilian Sabie, B. L. S.	University of Wisconsin
Librarian	
Lawrence Sardon, M. A.	Brigham Young University
Band, Orchestra, Music Theory	
Marie Tinnac	Colorado College
Voice, College Choir	
Kenneth Ury, M. A.	University of Iowa
Biology, Speech, Dramatics	
Honore J. Wabbon, M. A.	University of Colorado
Philosophy	
Gloriose Krigoalm	Mesa College
Administrative Secretary	
Elmer G. Houston	Maintenance Superintendent

Special Music Instructors

Marion L. Jacobs, M. A.	Western State College
Instructor of Brass Instruments	
Marie Olcott	Chicago Music College
Instructor of Piano	
Goodsell Slacum, B. M.	Yankton College
Instructor of Organ, Piano	
William Soransen, B. A.	Brigham Young University
Instructor of String Instruments	

General Information

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

1. Regular Students:

Students must be high school graduates. A transcript of high school records should be submitted to the Registrar at the time of registration.

2. Special Students:

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

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

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

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

UNITS OF WORK College work is measured in quarter-hour units. The average load is 16 quarter-hours and the minimum load is 10 quarter-hours with the exception of certain special students. A credit hour is equal to fifty minutes of class work each week for 12 weeks. Students desiring to carry more than the average load (16 hours) must have demonstrated their ability to do so by having maintained an average of "B" for the preceding quarter. Students working part or full time should make allowances in their college program for the outside work.

REGISTRATION One of the most important objectives of the guidance service at Mesa College is that of aiding a student in pre-registration conferences and in the registration procedure. Each new student should visit the College office before the registration date and discuss his program with the Registrar or a selected adviser. This enables the adviser and student to form unhurried decisions as to the proper curriculum for the student. The month of August is suggested for pre-registration conferences.

Formal registration for the Fall Quarter of 1942 will be held Friday and Saturday, September 18, 19. This is a simple and rapid procedure for the student who has had pre-registration counsel.

Each student meets his adviser after the mid-quarter grades are available and registers for the next quarter. After the registration for the Fall Quarter only one day at the beginning of the Winter Quarter and one at the beginning of the Spring Quarter are used for registration. New students are registered on those days and the students who are in attendance pay their fees at that time, thereby completing their registration.

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.

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

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

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

Students coming from outside of Mesa County pay a tuition charge of \$17.50 per quarter.

RESIDENCE Residence of a student is the residence of his parents. Residence in the county for school purposes only is not a bona fide residence.

Expenses

	Quarter	Year
Student Activity Fee*.....	\$3.00	\$9.00
Publications Fee*.....	1.50	4.50
Library Fee*.....	1.00	3.00
Incidental Fee*.....	5.00	15.00
Chemistry (any course).....	5.00	15.00
Art (any course except appreciation).....	5.00	15.00
Music (any course except appreciation).....	5.00	15.00
Music (private fees to be arranged with instructor)		
Geology.....	5.00	15.00
Physics.....	5.00	15.00
Dramatics.....	2.00	6.00
Any Business Course.....	5.00	15.00
Two or More Business Courses.....	10.00	30.00
Towel and Locker Fee*.....	1.35	4.05
Home Economics Fee.....	1.00 (per qt. hr.)	
Late Registration Fee.....	2.00	
Graduation Fee (Diploma, Cap and Gown).....	\$3.00	
Teacher Placement Fee.....	3.00	
Transcript Fee.....	1.00	

NOTE: Fees marked with an asterisk (*) are paid by all regularly enrolled students.

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

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

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

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

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

Grading and Standards

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

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

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

EXAMINATIONS Final examinations are required in all courses except laboratory, physical education, and orientation courses, and these at the option of the instructor in charge. Final examinations are held regularly at the end of each quarter and each examination covers the entire quarter's work. 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.

CERTIFICATE Successful completion of two years work with a minimum of 96 quarter hours credit results in qualification for the Associate of Arts certificate. This certificate is proof of successful accomplishment in the junior college level of college training. Its issuance is legally provided for in the Colorado State Statutes and it is presented by Mesa College. Possession of this certificate does not guarantee entrance into higher institutional work unless a specific outlined course for that purpose has been completed.

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

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

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

REQUIREMENTS FOR GRADUATION A total of 96 hours, six of which must be in physical education and nine hours of which must be in Freshman English, plus certain specified courses, are required for graduation.

ATTENDANCE Regular attendance at class and laboratory sessions is of great importance to the student. Students are expected to attend every class. The only exceptions are for illness or an emergency.

Instructors are held responsible for the attendance in their classes. They have the authority to refuse admission to students who are unnecessarily absent or to require students missing work to take a qualifying examination prior to being admitted to the final examination.

A fee of one dollar is charged for qualifying examinations. The College reserves the right to drop from its rolls any student persistently absent from classes.

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

ACCREDITING AGENCIES Mesa College is a member of the American Association of Junior Colleges. The work done by Mesa students from the beginning of the college has been accepted at full value by all Colorado state institutions and by outstanding colleges and universities throughout the United States. Every Mesa College student recommended for advanced study at a senior college or university has been accepted without question by the particular institution.

Physical Equipment

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

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

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

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

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

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

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

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

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

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

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

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

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

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

The library now has 8,000 volumes and a wide selection of current magazines. In the fall of 1934, the College received the William and Mattie Murr bequest; and in 1937, a three-year grant from the Carnegie endowment, totaling \$3,000.

Student Opportunities

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

Grand Junction, a city of approximately 18,000 population, is 300 miles southeast of Salt Lake City and 280 miles west of Denver.

The twenty acre college campus is one and one-quarter miles from the main business district of the city.

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

Employment

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

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

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

Every student who has had to have work in past years has been able to find a job. It is important, however, that the student shall have enough money to enable him to stay in school at least two months.

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

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

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

Living Accommodations

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

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

Recreational Advantages

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

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

Community Life

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

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

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

DRAMA Theatre Arts play an important part in the life of Mesa College. The best and most recent plays are presented, affording students a valuable medium for dramatic expression. Over eighty different students took part in productions during the school year 1941-42, which included such plays as "The Man Who Came to Dinner," "Ladies in Retirement," and "George Washington Slept Here." Ample opportunity is provided students who want to take part in one-act plays for community, club and radio programs.

MUSIC Students attending Mesa College have the opportunity to hear and become acquainted with outstanding musicians in the Rocky Mountain region. Frequently traveling artists appear in Grand Junction. Artists appearing at the Mesa College auditorium during 1941-42 included Jessica Dragonette, Roland Hayes, and Alec Templeton. Students of outstanding musical ability are members of the Mesa College Symphony Orchestra and the Handel's "Messiah."

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

Campus Life

Associated Students

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

Activities sponsored by the student association include Criterion, the college newspaper, social activities, and special interest clubs.

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

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

ASSEMBLIES Programs for the assemblies are planned by a student and faculty committee. The programs are varied, utilizing student talent in dramatics, music, and other mediums of expression. Stimulating outside speakers appear on the programs, discussing timely, vocational, and cultural subjects.

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

FUTURE TEACHERS OF AMERICA The local chapter of F. T. A. was organized in the spring of 1941 and affiliated with the national organization in the fall of that year. Its members have junior standing in the National Education Association. The organization is of prime interest to those majoring in education and is open to all students interested in the teaching field. F. T. A. has several business and professional meetings during the year and plans for at least one social meeting each quarter.

Social Life

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

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

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

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

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

ZETA CHI Zeta Chi social sorority was organized in 1936. It develops cultural habits and perpetuates a spirit of enthusiasm linking the sorority with the development and growth of Mesa College.

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

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

GAMMA KAPPA This social sorority was organized October 4, 1935, for the purpose of promoting fellowship and cooperation among the student body by participating in the social, cultural, athletic, and academic activities of the College.

Among the annual sorority activities are included a Christmas party for active and alumnae members, a Mothers' Day tea, and a spring formal. Active membership is limited to thirty Sophomore and Freshman women.

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

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

AMAZONS This is a group of girls organized to afford some types of social contacts to Mesa College girls not members of sororities and to render service to the entire school.

Honorary Organizations

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

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

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

NATIONAL HONORARY SECRETARIAL FRATERNITY Mesa College Business Department has qualified for a chapter of Alpha Pi Epsilon, which is recognized by the American Association of Junior Colleges as the National Honorary Secretarial Society. Membership in this society is gained by either men or women who do high quality work in the Business Department.

Scholarships, Loans, Gifts

SCHOLARSHIPS FOR HIGH SCHOOL GRADUATES The major men's and women's clubs of Grand Junction and surrounding communities grant scholarship endowments to Mesa College to one freshman from every high school in western Colorado outside of Mesa County and in eastern Utah. These scholarships cover the cost of tuition, \$82.50 for the freshman year only. Scholarship students must maintain at least a "C" average.

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

The Grand Junction Lion's Club in conjunction with other clubs in Colorado and Utah award scholarships to worthy young men and women. The Grand Junction Lion's Club matches each scholarship granted by a Lion's Club in other towns and cities.

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

LOAN FUNDS Mesa College students have access to funds maintained by the Business and Professional Women's Club and by Chapters N and AQ of the P. E. O. Sisterhood.

AWARDS Through the generosity of Mr. Walter Walker and The Daily Sentinel, two annual scholarships are awarded. One scholarship is to a Mesa County freshman and pays all his fees for the Sophomore year. The other is to a student from outside Mesa County and pays all tuition and fees for the Sophomore year. Both scholarships are awarded on the basis of faculty recommendation. They are announced at commencement.

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

Mt. Garfield Chapter of D. A. R. gives cash prize to Sophomore who has done best work in United States history.

Other awards are given by Phi Theta Kappa and Balfour Company.

MURR MEMORIAL LIBRARY In the fall of 1934, the College library received the William and Mattie Murr bequest, and in 1937, a three-year grant from the Carnegie Corporation of New York.

Physical Education

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

WOMEN'S PHYSICAL EDUCATION The women's physical education department of Mesa College sponsors a wide variety of activities, providing some form of physical activity for every student. There are classes for those who wish strenuous, moderate, or mild forms of exercise. The program includes tennis, golf, badminton, archery, volleyball, basketball, softball, gymnastic exercises, horseback riding, bicycling, skiing, ice skating, bowling, square dancing, tap dancing and social dancing.

The program has a two-fold aim: (1) To train every woman in the skills of some recreational sport so that she may continue with that sport in her after-college leisure time; (2) To build and to maintain maximum health in each student, making each woman an asset in the defense of America.

REQUIREMENTS All women students are required to provide themselves with a uniform physical education costume consisting of shorts, shirts, tennis shoes, and socks. All women are required to take a physical examination and all women must take some form of physical exercise. Mesa College requires 96 quarter hours for graduation, six of which must be in physical education. One hour's credit is given for participation in physical education each quarter.

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

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

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

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

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

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

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

PHYSICAL EDUCATION MAJORS Both men and women who plan to major in physical education are urged to follow the curriculum as outlined. Majors in this department should include Biology, Hygiene, and Chemistry in their course of study.

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

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

Intercollegiate Athletics

ATHLETIC CONFERENCE Mesa College is a member of the Intermountain Junior Collegiate Athletic Conference, one of the outstanding junior college conferences in the United States. In addition to the inter-league games, representatives from the conference participate in games with teams from other sections of the country, mainly from the Pacific Coast region.

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

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

The Intermountain Conference is composed of the following Utah schools: Weber College, Ogden; Branch Agricultural College, Cedar City; Dixie College, St. George; Snow College, Ephraim; Westminster College, Salt Lake City; Carbon College, Price, and Mesa.

FOOTBALL Mesa College has had one of the leading junior college football teams in the Rocky Mountain region for the past several seasons. In 1939 and 1941 the Maroon and White teams won conference titles. The team tied for second place in 1940.

The 1941 season is regarded by many Mesa College football fans as the best season a Maverick team has ever had. The '41 edition went through the season undefeated against league and strong out-of-league competition. The Mavericks closed the season with a decisive win over Salinas Junior College of Salinas, California.

Mesa College football teams have gained fame for their clean, hard play. The athletic coaches of the Maverick teams insist that good sportsmanship must be maintained by the athletes.

Mesa College plays its home football games at Lincoln Park Stadium on what is considered to be one of the best green turfs in the Rocky Mountain region. Crowds from 1,000 to 3,000 attend home contests.

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

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

BASKETBALL The cage sport at Mesa College is rapidly developing into one of the most popular sports. Winning teams and the new college gymnasium have aided in the development of the game. The Mavericks won the conference basketball crown in 1942. One of the highlight events of the season was a two-week trip to California during Christmas holidays. On the trip the team won a large percentage of games, playing some of the strongest junior college teams on the Coast. The Maverick win over the Los Angeles City College team was the climax of the trip. In addition to playing league members at home the Mavericks also play leading independent touring clubs.

TRACK Mesa College won the Intermountain Junior College Conference championship in 1939, '40, and '41. Mesa participates in three outstanding track meets, the Brigham Young University Invitational meet at Provo, Utah, the Intermountain Conference meet at Salt Lake City, and the Colorado Invitational meet at Colorado Springs.

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

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

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

FOOTBALL SCHEDULE Mesa College Mavericks will play some of the strongest junior college teams in the West in the 1942 season. The tentative schedules include conference games with member schools of the Intermountain Junior College Conference and some of the larger junior colleges in California. Present plans indicate at least one game each season will be played with a Coast school.

Vocational Education

CIVILIAN PILOT TRAINING PROGRAM Since 1939 Mesa Junior College has offered elementary civilian pilot training to its students. The entry of the United States into the war has changed the purpose of the program. Each man who enters the course must sign a statement that he will enter the Army or Navy Air Corps or continue in Advanced Civilian Pilot Training.

The student requirements are changed as necessity develops. Since the primary objective of the course is to develop military pilots, each man must pass the same physical examination as that given for the Army or Navy Air Corps. The Civil Aeronautics Administration pays the twelve dollars for this examination. Each trainee must have reached his eighteenth but not his twenty-sixth birthday, and have twenty-three quarter hours of college credits.

The course consists of 72 hours of ground instruction and a minimum of 35 hours of flight instruction. Completion of the course which lasts about three months, makes the student eligible for a C. A. A. private license.

HOMEMAKING The Vocational Homemaking Curriculum is designed to give women students training that will help them to become better and more efficient homemakers. Since a large number of women become homemakers soon after leaving college, it is advisable that the home becomes a pivotal interest in education. The Vocational Homemaking Curriculum at Mesa College is planned to meet this need. The student gets practical experience by participating in such activities as planning, preparing and serving meals suitable for families of various income levels, and meals for special occasions. Purchasing foods used, planning and making new garments and remodeling used garments are other activities. Additional experience is gained through home projects. Field trips, films and demonstrations help to make the Vocational Homemaking course interesting and valuable to every college girl.

AGRICULTURE In past years Mesa College, in connection with the National Youth Administration and the Grand Junction Public Schools, has managed the College Farm, which is a few miles from Grand Junction. During the school year 1942-43, the College Farm will not be maintained. Facilities of the farm will be used for the National Defense Program.

FULLY ACCREDITED FACULTY The Mesa College faculty is duly certified under Colorado laws and the curriculum is recognized by the State Department of Education.

Curriculums

TYPICAL CURRICULUMS The following typical curriculums are given to aid the student in visualizing the courses which are necessary for various fields of concentration. These are sample curriculums and deviations from them are to be expected for different students. Each student will make his final selection of a curriculum after pre-registration and registration conferences with an adviser.

It is possible to classify the students of a junior college as preparatory or terminal students. The preparatory student should choose his curriculum so that it matches as closely as possible the curriculum of the senior college or university he will attend later. The terminal student is allowed a wider selection of courses, but should arrange his curriculum so that a well-rounded general education as well as specific vocational training will be completed at the end of two years. Each student must include in his curriculum three quarters of Freshman English, one quarter of Hygiene and six quarters of Physical Education to be eligible for graduation.

COURSE CONTINUATION Students planning to transfer credits to a senior college or university from Mesa College should carry a course throughout the school year. Courses should not be taken for just one or two quarters. Example: Beginning French 1, 2, 3, FWS. To receive transfer credit for this course it is necessary to take all three quarters.

Preparatory Curriculums

Liberal Arts

FRESHMAN YEAR

Course	Hours
Freshman English	9
Modern European History	9
Mathematics	6-9
Hygiene	2
Orientation	1
Physical Education	3
Electives	18-18

SOPHOMORE YEAR

Course	Hours
English Literature	9
General Psychology	9
Inorganic Chemistry or Geology	12-15
Foreign Language	18
Physical Education	3
Electives	2

Preparatory Curriculums

Pre-Engineering

FRESHMAN YEAR

Course	Hours
Freshman English	9
Mathematics	15
Engineering Drawing	9
Inorganic Chemistry	12
Orientation	1
Hygiene	2
Physical Education	3

SOPHOMORE YEAR

Course	Hours
Physics	15
Mathematics	15
Economics	9
Physical Education	3
Electives	6

Home Economics

FRESHMAN YEAR

Course	Hours
Textiles (Costume Design and Clothing Selection)	9
Inorganic Chemistry	12
Freshman English	9
Color and Design	6
Elementary Foods	3
Orientation	1
Hygiene	2
Physical Education	3
Electives	3

SOPHOMORE YEAR

Course	Hours
Advanced Clothing	6
Selection and Preparation of Foods	9
Organic Chemistry or Biology	9-15
General Psychology	9
Physical Education	3
Electives	6-12

Business Administration

FRESHMAN YEAR

Course	Hours
Freshman English	9
Economic History	9
Chemistry or Biology or Geology	9-15
Public Speaking	6
Mathematics	9
Orientation	1
Physical Education	3
Electives	3-6

SOPHOMORE YEAR

Course	Hours
Advanced Composition	6
Elementary Accounting	9
General Psychology	9
Principles of Economics	9
Physical Education	3
Electives	12

Education

This is the required curriculum for education majors who plan to teach after two years at Mesa College. Its completion entitles the student to a one-year teaching permit.

FRESHMAN YEAR

Course	Hours
Freshman English	9
Social Science	6-9
Introduction to Education	3
Hygiene	2
Public Speaking	6
Orientation	1
Physical Education	3
Electives	15-18

SOPHOMORE YEAR

Course	Hours
Psychology	6-9
Education	15
Social Science	6-9
Physical Education	3
Electives	12-18

Terminal Curriculums

Homemaking

These curriculums are examples of the type a two-year student might pursue. Many of the courses are transferable to other colleges, so that a student who decides to continue his college education beyond two years is not handicapped.

FRESHMAN YEAR

Course	Hours
Freshman English	9
Color and Design	9
Homemaking	15
First Aid and Hygiene	5
Orientation	1
Physical Education	3
Electives	6

SOPHOMORE YEAR

Course	Hours
Homemaking	15
Sociology	6
Psychology or Biology	9
Physical Education	3
Electives	15

General

FRESHMAN YEAR

Course	Hours
Personal English	9
Art Appreciation	9
Social Science Survey	9
Hygiene	2
Orientation	1
Physical Education	3
Electives	15

SOPHOMORE YEAR

Course	Hours
Introduction to Mathematics	9
Natural Science	12-15
American or English Literature	9
Economic History	9
Physical Education	3
Electives	3-6

For curriculums of the Business Department see Page 48.

Courses of Instruction

Course Numbers

Courses numbered from 1-49 are specially designed for Freshmen. Example: Freshman English 1, 2, 3. Courses numbered from 50-99 are primarily for Sophomores. Example: Organic Chemistry 51, 52, 53. No Freshman should register for courses numbered 50 or above, and likewise, no Sophomore should register for courses numbered below 50 without the permission of the Registrar. Courses numbered 44, 45, 46 are terminal courses. Credit from courses numbered 44, 45, 46 is not designed for transfer to a senior college or university.

Quarters

The quarters at Mesa College are divided into two six-week periods of five class days a week. The quarters in which particular courses are offered are lettered F, W, S. Fall, Winter, Spring. Example: Freshman English 1, F.

Hours Credit

The number of hours credit a course carries is given at the end of the course description. Course descriptions follow in this section of the catalog. A course offering three hours credit meets three times each week for a one-hour period. Example: Freshman English---Three Hours Credit Each Quarter.

Course Continuation

Students planning to transfer credits to a senior college or university from Mesa College should carry a course throughout the school year. Courses should not be taken for just one or two quarters. Example: Beginning French 1, 2, 3, FWS. To receive transfer credit for this course it is necessary to take all three quarters.

Art

FREEHAND DRAWING 1, 2, 3, FWS.

A basic course in drawing that should be taken by all art students, especially by those planning to do any advanced work in creative art. Emphasis is laid upon drawing from casts to develop a student's power in graphic expression. While he is learning to draw, the student is simultaneously taught composition and representation, as well as the use of line and tone to express rhythmic and structural pattern. **Two Hours Credit Each Quarter.**

COLOR AND DESIGN 11, 12, 13, FWS.

Color and design is primarily a survey course in the field of creative art. With Freehand Drawing, it is a 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. All instruction is carefully individualized to serve each student's need. **Three Hours Credit Each Quarter.**

LETTERING 21, 22, 23, FWS.

This course aims to familiarize each student with the basic types of alphabets. It also aims to develop speed and skill in the construction of letter forms with various types of lettering pens and brushes. Groups of words are arranged in simple, well spaced layouts, and showcard and poster composition are emphasized. **Two Hours Credit Each Quarter.**

ADVANCED FREEHAND DRAWING 51, 52, 53, FWS.

This course is a continuation of Freehand Drawing 1, 2, 3. The course offers the student an opportunity for a more thorough study of figure drawing both from casts and from life. Quick sketching and memory drawing are emphasized. In working out the problems, particular attention is given to fine quality, and massing of light and dark. Proportions and whole composition in relation to the human figure are studied. Charcoal, pencil, lithographic crayons and other mediums are used. **Prerequisite, Art 1, 2, 3. Two Hours Credit Each Quarter.**

ADVANCED COLOR AND DESIGN 61, 62, 63, FWS.

Lectures and laboratory work dealing with the creation and development of design motives and free, instructive application of principles of design typical to everyday life are the basis of this course. Emphasis is laid on the home arts. **Prerequisite, Art 11, 12, 13. Three Hours Credit Each Quarter.**

STILL LIFE PAINTING 71, 72, 73, FWS.

This course is primarily motivated by laboratory work, dealing with paintings as a medium of artistic expression. Mediums used are mostly oils and water colors; problems in landscape, still life and portraiture lay the emphasis on plastically significant presentation of the subject in the terms of the medium employed. **Two Hours Credit Each Quarter.**

INDIVIDUAL PROJECT 83, S.

This is a completion quarter in individual project work for prospective teachers. Techniques in several art crafts are included. They are: linoleum block printing, school poster design, stencils and duplicator stencils, plaster casting, spotter work, tin craft, etching (copper), leather tooling, puppets, stages and soap carving. **Two Hours Credit For The Quarter.**

COSTUME ILLUSTRATIONS 91, 92, 93, FWS.

A sound basic course in figure construction--of both adults and children--male and female is first given. This is followed by the study of historical costuming, then the study of contemporary costumes for all occasions, and finally the drawing and designing of up-to-the-minute fashions is taken up. **Two Hours Credit Each Quarter.**

Biology

BIOLOGY 1, 2, 3, FWS.

In the Fall Quarter the fundamental biological principles are presented, beginning with the simple cell and progressing to all phyla of invertebrates. The Winter Quarter work is a continuation of Biology 1, studying the biological principles found in the vertebrates with special emphasis on man and comparing man with the other vertebrates studied. The principles of heredity are also included. The Spring Quarter, plant life and its relation to man and other animals is presented with the fundamental principles of biology as a basis. Two lecture periods and one two-hour laboratory period each week. **Three Hours Credit Each Quarter.**

Chemistry

INORGANIC CHEMISTRY 1, 2, 3, FWS.

This course consists of lectures, discussions and laboratory work, dealing with metals and non-metals. The theory of chemical behavior is stressed. The laboratory work introduces the theory and practice of identification of simple unknowns. **Four Hours Credit Each Quarter.**

ORGANIC CHEMISTRY 51, 52, 53, FWS.

Lectures and laboratory treat the preparation and reactions of aliphatic and aromatic compounds of carbon. Syntheses of simple drugs and dyes are carried out in the laboratory and an adequate discussion of foods and vitamins is included. Fundamentals of qualitative organic analysis are outlined. **Five Hours Credit Each Quarter.**

Dramatics

DRAMATICS 21, 22, 23, FWS.

The course stresses the teaching of fundamental techniques in acting and the problems of characterizations and interpretation. Continuous work is offered in plays presented by the College throughout the year. Rehearsals will be intensive, therefore students are advised to keep weekday evening hours free from routine appointments. **Two Hours Credit Each Quarter.**

Economics

PRINCIPLES OF ECONOMICS 51, 52, 53, FWS.

An introductory study of the fundamental problems of production, business organization, distribution, money and banking, international trade, taxation, and economic planning. Entry into the course is confined to the Fall Quarter. **Three Hours Credit Each Quarter.**

Education

INTRODUCTION TO EDUCATION 1, F.

Short survey of the education field is made. Important aspects considered are: present philosophies of education, major problems of education, present practices, and the school as a social institution. Required of freshman majors in education. **Three Hours Credit For The Quarter.**

ELEMENTARY INSTRUCTION METHODS 51, S.

Methods used in elementary instruction are examined in this course. Problems having to do with the assignment, motivation, learning, appreciation, drill, and guidance in study are considered. **Three Hours Credit For The Quarter.**

CLASSROOM MANAGEMENT 52, W.

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

EDUCATIONAL PSYCHOLOGY 53, S.

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

STUDENT TEACHING 71, 72, 73, FWS.

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

English Language

ENGLISH 01, E.

All students whose scores on the entrance examination fall below the standard set for college Freshmen are required to register the Fall Quarter in English 01, which meets five times a week and gives three hours of credit. This course is planned to help the student make up his deficiencies in reading and expression and to give him the skills necessary for success in college courses. Students who pass this course may enroll in the regular Freshman English courses in the Winter and Spring Quarters. **Three Hours Credit For The Quarter.**

FRESHMAN ENGLISH 1, 2, 3, FWS.

The ability to speak and write correctly and effectively is the result sought through this course. Instruction is given in the fundamentals of grammar, in the organization of themes, and in the use of the library. Attention is given to the development of vocabulary and to increasing speed and accuracy of comprehension through the study of essays on subjects of current interest. Required of all Freshmen. **Three Hours Credit Each Quarter.**

SPEECH 11, 12, 13, FWS.

Elementary speech training, specific to individual needs, is based upon diagnostic study of individual differences and abilities. Training embraces the development of distinct utterance, voice improvement, and speech in the every day social and business relationships. **Two Hours Credit Each Quarter.**

SURVEY OF JOURNALISM 31, 32, 33, FWS.

This course is a study of the various mediums of information--news paper, magazine, and radio, with stress upon the newspaper. Getting and writing newspaper stories is emphasized. Stories are written, copy-read and proof-read for the Criterion, official college newspaper. Part of the credit received in this course is gained from active participation on the Criterion staff. **Two Hours Credit Each Quarter.**

PERSONAL ENGLISH 44, 45, 46, FWS.

This is a course in Freshman English for students who do not plan to transfer their credits to a senior college or university. Stress in this course is on oral interpretation. Current magazines, newspapers and the radio are the texts for the course. Frequently the class members visit industrial and business organizations in Grand Junction and then discuss the information gained from the visits. **Three Hours Credit Each Quarter.**

ADVANCED COMPOSITION 51, 52, 53, FWS.

The student is directed in practice designed to develop correctness and ease in written expression. Expository writing in the Fall Quarter, with emphasis in the form and content of critical themes and research papers, is followed by practice in descriptive writing and the personal essay in the Winter Quarter and by a study of the technique of the short story and narrative composition in the Spring Quarter. Students are advised to plan for at least two of the three quarters, one of which should be the Fall Quarter. **Prerequisite**, Freshman English 1, 2, 3. **Two Hours Credit Each Quarter.**

French

BEGINNING FRENCH 1, 2, 3, FWS.

An introduction to French containing grammar, pronunciation, oral and aural drill, reading, as well as cultural and informational material about French history, literature, geography, and civilization. **Five Hours Credit Each Quarter.**

SECOND YEAR FRENCH READING 51, 52, 53, FWS.

A course to build up proficiency in reading French and by a study of some of the masterpieces of French literature to acquire knowledge and appreciation of such works and their place in the great literary movements. **Prerequisite**, two years high school French or one year college French. **Three Hours Credit Each Quarter.**

Geology

PHYSICAL GEOLOGY 1, F.

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

STRUCTURAL, DYNAMIC, ECONOMIC GEOLOGY 2, W.

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

HISTORICAL GEOLOGY 3, S.

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

Geography

ECONOMIC GEOGRAPHY 1 or 51, P.

This course introduces the student to the various physical regions of the world emphasizing topography, location of natural resources, location of peoples, and growth of economic institutions and trade. Special emphasis is laid upon a real location and its effect on fundamental industries. **Three Hours Credit Each Quarter.**

HUMAN GEOGRAPHY 2 or 52, W.

The purpose of this course is to consider the human cultures of the world from its geographical placement. Understandings are developed concerning the relationships between the natural environments, cultural landscapes, and peoples of the various areas. A study of the primary races and racial problems is emphasized. **Three Hours Credit Each Quarter.**

GEOGRAPHY OF WORLD AFFAIRS 3 or 53, S.

This course considers the nations of the world in their present political situation. It provides a geographical interpretation of international relations and interstate relations. Special emphasis is laid upon recent territorial change and reasons for such with a look to possible future developments. **Three Hours Credit Each Quarter.**

German

FIRST YEAR GERMAN 1, 2, 3, FWS.

The Fall Quarter of this course stresses the basic principles of grammar, pronunciation, and vocabulary building. It thus lays the basis for the reading and translation of modern German prose and poetry which follows in the Winter Quarter. Emphasis is laid upon vocabulary and correct grammatical expression. Conversation and the singing of German songs are introduced early in the course. In the Spring Quarter several selections from modern German authors and current newspapers are read. **Five Hours Credit Each Quarter.**

History

MODERN EUROPEAN HISTORY 1, 2, 3, FWS.

This course seeks to give the student an understanding of peoples and events which help to clarify the present world situation. It deals with great movements, political, social, and economic, from the beginning of modern times. The development of a spirit of nationalism, rise of the middle class, economic revolution, and changing political conceptions are studied. The Spring Quarter deals with the present time by the use of contemporary materials. Class discussions, reports, lectures, text book and assigned readings are used to accomplish the purposes of the course. **Three Hours Credit Each Quarter.**

ECONOMIC HISTORY OF ENGLAND 11, F.

Consideration is given to the development of the economic and social trends in England from the Norman Conquest, through the Industrial Revolution, to the complex industrial and commercial society of today. Stress is placed on current problems existing in England—pre-war, actual war, and post-war—and how they influence business and society today in the United States. **Three Hours Credit For The Quarter.**

ECONOMIC HISTORY OF THE UNITED STATES 12, 13, WS.

Considered in this course are the economic and social conditions beginning with American colonial times, carrying through the formative period of the United States as a nation, the Civil War period, American Imperialism, the World War, the New Deal, and the present war. The physiography of the various sections of the United States forms the background for the emphasis placed upon agriculture, manufacturing, commerce, and transportation. The course traces the conquering of the last frontier and follows the development of the Industrial Revolution and business consolidation. Special emphasis is laid upon present day governmental regulation of business. **Three Hours Credit Each Quarter.**

UNITED STATES HISTORY 51, 52, 53 FWS.

This is a general course in the history of the United States, primarily for Sophomores. It deals with developments from the opening of the American continent to the white man to the present time. The establishment and development of American institutions is stressed throughout. Economic trends, the development of democracy, the westward movement of people, the rise of interest and participation in world affairs are typical of movements studied. Present day political, economic, and social problems and world issues are studied. Class discussion, reports, lectures, text books, a wide range of reading in books and periodicals are used. **Three Hours Credit Each Quarter.**

Home Economics

TEXTILES 1, F.

A study of the fibers, weaves and designs in the common textile fabrics with a view to better selection of materials and ready-made garments. Testing of fabrics and costs of textile materials are included. **Three Hours Credit For The Quarter.**

COSTUME DESIGN 2, W.

An application of the principles of color, line and harmony applied to the selection of clothing. Some practice in original design. No prerequisite. **Three Hours Credit For The Quarter.**

CLOTHING SELECTION AND CONSTRUCTION 3, 5.

A study of fundamental principles which govern planning and selecting clothing. Construction of simple garments, use of commercial patterns, choice of materials, repair of clothing, and costs of clothing are emphasized. **Three Hours Credit For The Quarter.**

ELEMENTARY FOODS 13, 5.

Planning, preparing and serving of simple meals for the family. Study of nutritive values, costs and methods of cookery. **Three Hours Credit For The Quarter.**

HOMEMAKING ONE 44, 45, 46, FWS.

The Vocational Homemaking course consists of units on the various aspects of the homemaker's job. Homemaking One includes units of work on personal health, family meals, home management, art in daily living, social and family relationships and clothing for the college girl. Credit in this course is not transferable. **Five Hours Credit Each Quarter.**

ADVANCED CLOTHING 51, 52, 53, FWS.

Application of principles of dress design to clothing construction. Fitting, tailoring, remodeling, the making of children's clothing, and the clothing budget are included. **Prerequisites,** Home Economics 1, 2, 3, and Art 11, 12, 13. **Three Hours Credit Each Quarter.**

SELECTION AND PREPARATION OF FOODS 61, 62, 63, FWS.

Meal planning and service taking into account various income levels and various types of families. A study of nutritive values, daily dietaries, methods of preparation, buying of food, serving of family meals, and food preservation. **Prerequisites,** Home Economics 13, or its equivalent, and Chemistry 1, 2, 3. Chemistry 51, 52, 53 should have been completed or be carried simultaneously with Home Economics 61, 62, 63. **Three Hours Credit Each Quarter.**

HOMEMAKING TWO 88, 89, 90, FWS.

The second year's work in Vocational Homemaking includes units of work on the family wardrobe, tailoring problems, special occasion meals, consumer education for the home, home care of the sick, science principles related to the home, and child care and training. Credit in this course is not transferable. **Five Hours Credit Each Quarter.**

Hygiene

FIRST AID 1, FWS.

A study planned by the American Red Cross. The course includes instruction in rendering prompt and intelligent first aid. Includes practical demonstrations and practice in those first aid fundamentals necessary to meet the requirements of the Senior Certificate granted by the American Red Cross. **Three Hours Credit For Any One Quarter.**

PERSONAL HYGIENE FOR MEN AND WOMEN 1, FWS.

Emphasis is placed upon the functional rather than the anatomic phases of personal hygiene. The course is planned to give the student a general understanding of the body and aid him in the fine art of living. The course is based upon the following units of work: personal hygiene, mental hygiene, and environmental hygiene. The study consists of lectures, collateral reading and term themes. One Quarter of Personal Hygiene is required of all students. **Two Hours Credit For Any One Quarter.**

Literature

FICTION 11, F.

This study of short stories and novels by American, English, and European authors of the nineteenth and twentieth centuries aims to broaden the student's knowledge of the world's best fiction and to give him standards by which he can judge the values of a story. Open to Freshmen and Sophomores. **Three Hours Credit For The Quarter.**

POETRY 12, W.

This course is planned to develop the student's understanding and appreciation of English and American poetry. Open to Freshmen and Sophomores. **Three Hours Credit For The Quarter.**

DRAMA 13, S.

This course requires the reading of recent English, American, and European plays and the writing of critical papers on the drama. Open to Freshmen and Sophomores. **Three Hours Credit For The Quarter.**

SURVEY OF ENGLISH LITERATURE 51, 52, 53, FWS.

An appreciation course in the development of English poetry and prose from Beowulf to the present. The literature is presented against its political and social backgrounds. This course is designed to meet the requirements of those planning to major in English literature. **Three Hours Credit Each Quarter.**

AMERICAN LITERATURE 61, 62, 63, FWS.

This course consisting of three quarters presents the development of American prose and poetry from the seventeenth century to the present. It aims to develop appreciation of literature and to increase the student's understanding of America as it is today through knowledge of the thought and culture of the past. Credit will be given for any single quarter. **Prerequisite, English 1, 2, 3. Three Hours Credit Each Quarter.**

Mathematics

INTRODUCTION TO MATHEMATICS 1, 2, 3, FWS.

The aims of the course are to fulfill college requirements of one-year mathematics, to give the student practice in the solution of practical problems in mathematics, review in the skills employed in arithmetic, and an appreciation of the field of higher mathematics. Consideration is also given to the solution of practical problems such as annuities, elementary trigonometry, graphic interpretation. **Prerequisite**, one year of high school algebra. **Three Hours Credit Each Quarter.**

COLLEGE ALGEBRA II, F.

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

TRIGONOMETRY 12, W.

Emphasis is placed on study of trigonometric functions, logarithms, solution of right and oblique plane triangles, complex numbers, identities, trigonometric equations, and right spherical triangles. **Prerequisite**, Mathematics 11. **Five Hours Credit For The Quarter.**

ANALYTIC GEOMETRY 13, S.

Thorough consideration is made of the straight line, polar coordinates, conic sections, the parabola, and central conics, three dimensional coordinates, the plane, straight line, and quadric surfaces in solid analytic geometry. **Prerequisite**, Mathematics 11, 12. **Five Hours Credit For The Quarter.**

DIFFERENTIAL AND INTEGRAL CALCULUS 51, 52, 53, FWS.

Standard methods of differentiation and integration of algebraic and trigonometric functions are developed and applied to solution of engineering problems. A brief study of infinite series is included in the course. **Five Hours Credit Each Quarter.**

ENGINEERING DRAWING I, F.

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

ENGINEERING DRAWING 2, W.

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

ENGINEERING DRAWING 3, S.

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

Music Theory

SOLFEGGIO 1, 2, 3, FWS.

This course is designed to give a thorough groundwork in the melodic and rhythmic elements of music. Major and minor scales and intervals are studied in singing, writing, and dictation. Individual and class singing of music of moderate difficulty. The second and third quarters are given over to the continued study of sight singing and ear training. **Two Hours Credit Each Quarter.**

ELEMENTARY HARMONY 11, 12, 13, FWS.

This course is designed to give the student a thorough knowledge of elementary harmony, including the study of major and minor chords, keys and scales, intervals, cadences, dominant seventh chords and their inversions, non-harmonic tones, simple modulation and dominant ninth chords. Exercises are written in four part harmony from both given melody and figured bass. The study of original compositions in simple song-form is begun in the Winter Quarter. **Three Hours Credit Each Quarter.**

ADVANCED HARMONY 51, 52, 53, FWS.

A study of harmonic resources, from secondary seventh chords through enharmonic, chromatic, and diatonic modulation, and higher dissonants. Original composition in the most simple forms is continued; and analyses are made of compositions by composers of the eighteenth and nineteenth centuries, during the Spring Quarter. **Prerequisite**, Music 11, 12, 13. **Three Hours Credit Each Quarter.**

HISTORY OF MUSIC 61, 62, 63, FWS.

A survey of music and composers of the eighteenth, nineteenth and twentieth centuries. Musical developments are studied in their relation to world history. Lectures and readings are illustrated with phonograph records and motion picture films. **Three Hours Credit Each Quarter.**

METHODS OF PUBLIC SCHOOL MUSIC 70, S.

This course assists the grade teacher in understanding the music problems in the rural and elementary schools. Study of the child voice; treatment of monotones; methods of teaching rote and reading songs; character, compass, and interpretation of songs; presentation of rhythmic and tonal problems form the basic subject matter of the course. **Two Hours Credit For The Quarter.**

Applied Music

COLLEGE CHOIR 21, 22, 23; 71, 72, 73, FWS.

This course offers well rounded presentation in vocal training insofar as it is possible in chorus work. Fall Quarter is devoted to fundamental training. Winter and Spring Quarters the choir makes many public appearances, such as College Vesper Services, Radio Broadcasts, Assemblies and in Handel's "Messiah" with a chorus of 300 voices and a 75 piece symphony orchestra. There are opportunities for solo, quartet and trio work with College Choir. **One Hour Credit Each Quarter.**

MESA COLLEGE BAND 31, 32, 33; 81, 82, 83, FWS.

A marching and concert organization of advanced instrumental players of Mesa College. All students of sufficient ability on a band instrument may become members of the band. The class meets three hours each week. **One Hour Credit Each Quarter.**

MARCHING BAND 4;54, F.

Marching band is required of all band members. Credit in this class is substituted for physical education credit for the Fall Quarter. Class meets two hours each week. **One Hour Credit For A Quarter.**

MESA COLLEGE SYMPHONY ORCHESTRA 41,42,43;91,92,93, FWS.

All students who show sufficient ability on an orchestral instrument may become members of the symphony orchestra upon receiving permission of the director. Class meets three hours each week. **One Hour Credit Each Quarter.**

PRIVATE MUSIC INSTRUCTION

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

Philosophy

INTRODUCTION TO PHILOSOPHY 51, F.

An attempt to understand the world we live in, including the universe around us, life and its development, man's essential nature and his relations to the world. **Three Hours Credit For The Quarter.**

SOCIAL ETHICS 52, W.

An introduction to the basic problems of morality and to the representative approaches that have been made to their solution. The purpose of this course is to help the student answer the question "How shall I live in order to get the best results in the way of happiness and development?" **Three Hours Credit For The Quarter.**

INTRODUCTION TO LOGIC 53, S.

The formal structure of knowledge and the methodology of reflective thinking. Of special value to the student of science or law. **Three Hours Credit For The Quarter.**

Psychology

GENERAL PSYCHOLOGY 51, 52, FW.

This course is designed to give the student the fundamental understanding of the causes and methods of behavior and to give him practical suggestions for the control and improvements of his own life. Emphasis in the fall Quarter is placed on factors in development, motivation, emotions, the special senses, attention and perception, learning, and thinking. Emphasis during the Winter Quarter is given to the role of psychology in the solving of personal and social problems including a study of individual differences, intelligence, dynamic factors in personality, and social and vocational adjustment. **Three Hours Credit Each Quarter.**

Mental Hygiene

MENTAL HYGIENE 53, S.

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

Physical Education for Men

PHYSICAL EDUCATION FOR MEN 1, 51, F.

Courses offered for beginners and advanced students during the Fall Quarter are tennis, touch football, golf, and swimming. Participating students must provide their own personal equipment in all physical education courses. **One Hour Credit Each Quarter.**

PHYSICAL EDUCATION FOR MEN 2, 52, W.

Courses offered for beginners and advanced students during the Winter Quarter are swimming, tumbling, wrestling, gymnastics, basketball, and badminton. **One Hour Credit Each Quarter.**

PHYSICAL EDUCATION FOR MEN 3, 53, S.

Courses offered for beginners and advanced students during the Spring Quarter are softball, tennis, golf, and archery. **One Hour Credit Each Quarter.**

Physical Education for Women

PHYSICAL EDUCATION FOR WOMEN 1, 51, F.

Courses offered for beginners and advanced students during the Fall Quarter are tennis, golf, archery, speedball, gymnastic exercises and postural work, square dancing, badminton. Participating students must provide their own tennis rackets, golf balls, clubs, and archery arrows in the sport selected. **One Hour Credit Each Quarter.**

PHYSICAL EDUCATION FOR WOMEN 2, 52, W.

Courses offered for beginners and advanced students during the Winter Quarter are baseball, volley ball, ping pong (restricted), badminton, square dancing, tap dancing, bowling. Bowling fee is 50 cents a week. **One Hour Credit Each Quarter.**

PHYSICAL EDUCATION FOR WOMEN 3, 53, S.

Courses offered for beginners and advanced students during the Spring Quarter are tennis, softball, golf, badminton, horseback riding, archery, gymnastic exercises, and postural work. Horseback riding fee is \$5-\$10. **One Hour Credit Each Quarter.**

Physics

GENERAL PHYSICS 51, 52, 53, FWS.

Two of the six topics of a general physics course are considered each quarter. During the Fall Quarter mechanics and heat are studied. The fundamental facts and principles of those subjects are presented with practical applications. During the Winter Quarter the topics sound and light are presented. The Spring Quarter is used for the two remaining topics, electricity and magnetism. Many experiments are performed and several field trips are taken to make the student aware of practical applications. One three-hour laboratory period per week is required of each student for each quarter. **Prerequisite**, Mathematics 11, 12. **Five Hours Credit Each Quarter.**

Political Science

AMERICAN GOVERNMENT 1, 2, 3, FWS.

This is an introductory course in American government, intended as a preparation for advanced work in political science, as a prerequisite for pre-law students, and for good citizenship. The course deals with the fundamental principles upon which the American government is founded, the organization and services of the national, state, and local governments—with special emphasis on New Deal legislation and the present war effort—and with current political problems and situations. Emphasis is placed on local and state problems in the latter part of the course, and whenever feasible, field trips are organized. The course is presented from a functional standpoint and is a full year course. **Three Hours Credit Each Quarter.**

Social Science

FRESHMAN ORIENTATION 1, 2, 3, FWS.

This course, required of all Freshmen students, meets one hour weekly during the Fall Quarter of the year. Less frequent meetings of this class occur during the Winter and Spring Quarters, but attendance is required for a full year. The orientation class is taught by the student's adviser, thus bringing groups of students of similar interests together in small discussion groups. **One Hour Credit For The Year.**

SOCIAL SCIENCE SURVEY 44, 45, 46, FWS.

The concepts, methods, and problems of economics, political science, sociology, and related sciences are presented in a realistic view of the total social scene with emphasis upon the common elements which bind the social sciences together. The problem approach is used because it is concerned not merely with knowledge for the sake of knowledge, but with knowledge as a means of understanding common social problems and thereby helping solve them. **Three Hours Credit Each Quarter.**

Sociology

INTRODUCTION TO SOCIOLOGY 51, F.

A systematic view of sociology is presented, providing for an intelligent approach to questions about man in society. The course is an introductory study in the theory of sociology, including study of social institutions, their proper functions and chief defects, basic social processes and social philosophies. War phenomena is stressed. This course is offered in the Fall Quarter only. **Two Hours Credit For The Quarter.**

SOCIOLOGY OF THE FAMILY 52, W.

This course presents an analysis of the problems and trends in the American family in terms of the changes and tensions of social life today, with an examination of the important aspects of courtship and marriage. Formation of personality in the parental family, parenthood, family disorganization, and family morality are stressed. The impact of the war and the effect of financial disorganization on the family is emphasized. **Two Hours Credit For The Quarter.**

RURAL SOCIOLOGY 53, S.

The study of social problems of rural community life is introduced with emphasis upon modern trends and conditions. Presentations include American rural society, its organization and structure, its peoples and their character, its functions and institutions, and its policies and activities. Sectionalism, rural migrations, tenancy, the migrant worker, federal and state farm legislation, and the effect of war on rural America is emphasized. **Two Hours Credit For The Quarter.**

Spanish

BEGINNING SPANISH 1, 2, 3, FWS.

An introduction to Spanish containing grammar, pronunciation, oral and aural drill, reading, as well as cultural and informational material about the literature, history, geography, and civilizations of Spanish-speaking nations—particularly those in Spanish-America. **Five Hours Credit Each Quarter.**

SECOND YEAR SPANISH READING 51, 52, 53, FWS.

A course to build up proficiency in reading Spanish by a study of the literature of Spain and of Spanish-America. **Prerequisite**, two years of Spanish in high school or one in college. **Three Hours Credit Each Quarter.**

Business Department

PURPOSE The basic purpose of the Mesa College Business Department is to provide young men and women with the necessary specialized training for a future of self-reliance and economic opportunity. The courses are planned in nature and scope to prepare for remunerative participation in business and advancement to the higher positions open to young people today, as well as the efficient management of their own affairs. Highly desirable under normal conditions, such training is invaluable in times like the present, with the extraordinary demand for skilled workers to take part in every phase of the national defense program.

The instruction for both One Year and Two Year courses is arranged to meet the needs of four general classes of students:

First Private school and high school graduates who, while not wishing to spend four years in college, do recognize the business advantage of the advanced cultural education embodied in the Two Year Course as a supplement to thorough secretarial training.

Second Private school and high school graduates who find it advisable to devote just one year to intensive secretarial training as a preparation for early employment in business.

Third College people, or junior college and college graduates who would supplement their general education with secretarial training in order to qualify more definitely for business or other public careers.

Fourth Junior college students and graduates who intend to enroll in a four-year college and complete work for a bachelor degree in Business Administration.

ONE YEAR COURSE The one year course is offered this year for the first time at Mesa College because of the national emergency. While the period of training will be intensive, the course will be both broad and thorough in its scope. The work is given to those who wish to become equipped as quickly as practicable for self-support and for entering national defense. The training and studies, as far as they are covered, are identical with those in the two year course.

CULTURAL EDUCATION AND BUSINESS Mesa College regards cultural education as a virtual necessity to students aspiring to the more responsible positions in the business world. Adequate technical training is no less necessary; but it is only the minimum equipment required for a fair start on the road to success, and by no means, in itself a complete qualification for the most satisfactory kind of career. Both the academic and technical courses of the College are based on proved scholastic standards, and have been developed with a view to the permanent, as well as the immediate, benefit of the student.

ENTRANCE REQUIREMENTS All candidates for entrance to the Two Year and One Year Courses must have a diploma representing completion of a standard high school course, or its equivalent in private school. Candidates who have secured fifteen acceptable academic units with satisfactory grades, are eligible for admission.

Candidates offering twelve or more acceptable academic units are eligible to take an entrance test, which is given at the College.

Prospective students are invited to submit to the Registrar any questions regarding the nature or extent of their preparatory credits. Written credentials are required from the educational institutions previously attended.

GENERAL INFORMATION Information about registration, tuition and charges, withdrawals, and the school-year calendar are given in detail in the first part of the catalog.

CLASS ATTENDANCE IN THE BUSINESS DEPARTMENT Experience has taught that a school of business must, as nearly as possible, simulate the customs of the well-managed business office. In fact, the grading of the Mesa College business department is partly in conformity with a salary-advancement schedule such as an office manager might put into effect with his employees.

An employer expects his employees to be present during the appointed hours, and expects them to be on time.

Also, it should be borne in mind that training in business subjects necessitates different requirements from many of the regular academic processes. Skill subjects require much time spent in actually doing the job.

Therefore, absence or tardiness in the business department will automatically detract from the student's standing and may result in lowered grades or repetition of work.

PLACEMENT SERVICE A major activity of the Mesa College Business Department is the placement service. This operates throughout the year. This service is directed by the instructors of the department and specially trained coordinators who have experience in vocational and personnel work.

This service has three important aspects: (a) counselling students while in school; (b) assisting them in securing their first positions; (c) cooperating with experienced alumni seeking larger opportunities.

Curriculums

BUSINESS ADMINISTRATION CURRICULUM This schedule is presented in detail on Page 27. The Business Department faculty follows the plan of consulting with students individually who intend to take two years of preparatory work in this field at Mesa College. It is suggested that the student write for the catalog to the university or college from which he wishes to get a Business Administration degree. The university or college catalog may be used in outlining a two-year program in Mesa College.

TWO YEAR COURSE CURRICULUM These courses must be completed satisfactorily for graduation from the Two Year course of the Mesa College Business Department:

Shorthand	Secretarial Practice and Projects
Typewriting	Rapid Calculation
Bookkeeping or Accounting	Business Mathematics
Business English	Business Law
Filing and Indexing	Physical Education

SUPPLEMENTARY COURSES The following courses are suggested to supplement the business schedule:

Freshman English	American Government
Advanced Composition	Modern European History
General Psychology	Sociology
Principles of Economics	Economic Geography

ONE YEAR COURSE CURRICULUM These courses must be completed satisfactorily for a One Year Certificate from the Mesa College Business Department:

Shorthand	Rapid Calculation
Typewriting	Business Mathematics
Bookkeeping or Personal Accounting	Business Law
Business English	Physical Education

SUGGESTED COURSES Two courses are suggested for students who have already had a year of shorthand: Filing and Indexing; Secretarial Practice and Projects. Filing and Indexing are taught briefly in the Shorthand course included in the One Year Curriculum.

INTENSIVE COURSE FOR COLLEGE GRADUATES This course can be readily adapted to conform with the college work previously done by the student. For example, Business English and Physical Education are not included because the student has probably covered these courses in other work.

Shorthand	Business Mathematics
Typewriting	Business Law
Bookkeeping or Accounting	Filing and Indexing
Rapid Calculation	Secretarial Practice and Projects

Courses of Study

BEGINNING TYPEWRITING 1, 2, 3, FWS.

Learning the keyboard by the touch method is accomplished first. A combination of book work and drill bring the student through the various learning stages, and aim to develop "typing power," or the ability to use a typewriter with enough proficiency to be of commercial value in a business office. Business letters and forms are emphasized, as well as the development of speed in copying from straight copy or from rough draft. Typing is scheduled daily, including practice periods. **Three Hours Credit Each Quarter.**

ELEMENTARY BOOKKEEPING 5, 6, 7, FWS.

As the title suggests, elementary bookkeeping is for those who want to learn the rudimentary principles which underlie all the study of advanced work in either bookkeeping or accounting. It lays the foundation, and at the same time is sufficiently practical to prepare for some positions in which accounting work is required. A workbook is used, and much of the class work is on the laboratory plan. Progress is on the individual plan, whereby a student may, through intelligent, diligent effort complete more than the traditional one year work. **Three Hours Credit Each Quarter.**

RAPID CALCULATION B, F.

Open to Freshmen or Sophomores, this course reviews thoroughly the fundamental operations of arithmetic, keeping in mind the requirements of the business office, bank and average business enterprise. Much drill work is done in an attempt to overcome deficiencies in figuring, which are frequently found among high school graduates. Decimals and common fractions are covered. **Three Hours Credit For The Quarter.**

BUSINESS MATHEMATICS V, W.

It is desirable that the student shall have completed Rapid Calculation before he enrolls for Business Mathematics, although the course can be handled satisfactorily by anyone who remembers arithmetic moderately well. Stress is put upon the requirements for passing Civil Service Examinations. Problem work in percentage, interest, discounts, partial payments, pay rolls, stocks, aliquot parts, installment buying, sharpens the students' ability to analyze and solve practical situations. **Three Hours Credit For The Quarter.**

BEGINNING SHORTHAND 10, 11, 12, FWS.

Theory of Gregg shorthand; principles of shorthand, penmanship and printing; practical application: dictation and transcription. Skillful use of shorthand is the foundation of successful secretarial practice. It is also an ever useful personal accomplishment, even though it may never be employed in a vocational sense. The objective is mastery of shorthand which will make it as easy and natural as the writing of long hand. Students must have had typewriting, or be taking it concurrently with this course. **Three Hours Credit Each Quarter.**

BUSINESS ENGLISH 15, 16, 17, FWS.

The course undertakes to correct any deficiencies in the student's earlier training, and to present opportunities, through practice, to develop a command of clarity, conciseness, and force so that the student may apply them to special problems encountered in composing letters and compiling reports. It is necessary that the student registering in this course has completed the entrance examination in English. **Three Hours Credit Each Quarter.**

INDEXING AND FILING 18, S.

Essentials of indexing and filing; present day systems and their application to business. This course will be adapted to the particular needs of the students. **Three Hours Credit For The Quarter.**

PERSONAL TYPEWRITING 19, 20, 21, FWS.

This course is designed primarily for students who are not expecting to seek employment as typists or stenographers, but who desire enough proficiency of the typewriter to be able to take care of personal correspondence needs, as well as needs arising pertinent to non-business occupations. **Three Hours Credit Each Quarter.**

BUSINESS LAW 22, S.

Everyone who participates in business should be familiar with the rules of business. This course teaches the common rules and principles of law. In fact, everyone needs to know enough about law to be able to determine when he needs the services of an attorney, and to be able to discuss intelligently his problems with an attorney. A combination of the case method and the text method is used. The students keep a workbook. Four tests are given throughout the course. **Three Hours Credit For The Quarter.**

PERSONAL ACCOUNTING 23, 24, 25, FWS.

This course is intended for students who have had at least a year of bookkeeping, and who want to prepare for positions where considerable knowledge of accounting is required. At the same time it meets the need of those who want to fill secretarial positions, or who want to be able to keep their own records in a manner satisfactory to income tax requirements. Much of the work is on the laboratory plan, and progress may be made according to the individual's effort and intelligence. **Three Hours Credit Each Quarter.**

PRINCIPLES OF ACCOUNTING 51, 52, 53, FWS

This course is preparatory for advanced work and is transferable to senior colleges and advanced schools of business. While there is no prerequisite, it is extremely desirable that the student shall have had a year of bookkeeping. Fundamentals of bookkeeping and accounting are covered through single proprietorship, partnerships, corporations, and a slight introduction to cost work. **Three Hours Credit Each Quarter.**

ADVANCED SHORTHAND 60, 61, 62, FWS.

Advanced principles and phrases of shorthand; dictation and transcripts covering vocabularies of representative businesses, such as law, banking, insurance, railway, and manufacturing; advanced dictation legal forms, newspaper and magazine articles. **Prerequisite, Beginning Shorthand. Three Hours Credit Each Quarter.**

ADVANCED TYPEWRITING 65, 66, 67, FWS.

Speed, accuracy, and evenness of touch are the objectives of this course, attained through modern, highly developed methods of instruction. The objective is to make typewriting an effortless skill. **Prerequisite, Beginning Typewriting or 35 net words a minute. Three Hours Credit Each Quarter.**

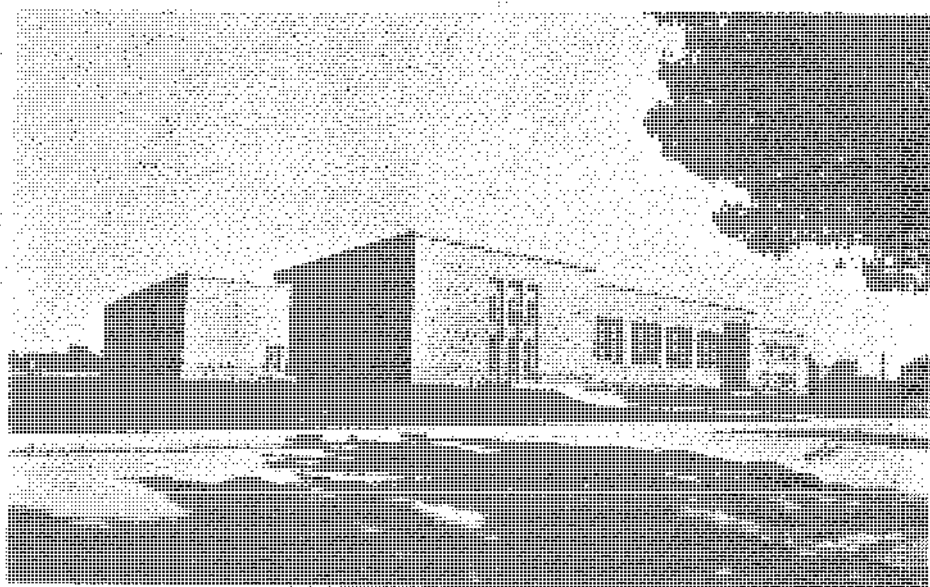
SECRETARIAL PRACTICE 70, 71, FW.

Mastery of principles of shorthand and typewriting. Special emphasis on development of high speed in taking dictation and in transcription. Advanced business forms, special types of business vocabularies, tabulations, typing of charts and graphs. This course is especially valuable to those who intend to take Civil Service examinations. **Prerequisite, one year of typewriting and shorthand, or equivalent. Three Hours Credit Each Quarter.**

SECRETARIAL PROJECTS 72, S.

The object of this course is to develop a broad knowledge of secretarial activities. By the performance of typical duties and practical secretarial assignments the students acquire a background of experience which will enable them to become efficient office workers. They are made familiar with the various time saving devices most frequently used in office procedure. Proper and effective use of the telephone is particularly stressed for its importance not only as a means of rapid communication, but also in establishing a realization of the part correct speech and unfailing courtesy play in good business practice. **Prerequisite, one year of typewriting and shorthand, or equivalent. This course follows the Fall and Winter Quarters of Secretarial Practice. Three Hours Credit For The Quarter.**

MESA COLLEGE Summer School Bulletin—1943



First Term Begins Monday, June 14
and Ends Friday, July 16.

Second Term Begins Monday, July 19
and Ends Friday, August 20.

Mesa College will offer courses in three major departments during the summer of 1943.

The **School of Business and Commerce**, which includes the Ross Business College, will offer instruction in typewriting, shorthand, business English, book-keeping, accounting, rapid calculation, and secretarial practice. These courses are open to anybody regardless of previous education. Most of the other business courses are open only to high school graduates. College credit may be obtained for these courses, if desired, provided the student has completed his high school work.

Costs for the courses in the Business School are \$10.00 a month for residents of Mesa County, and \$16.00 a month for others. Those taking typewriting only will pay \$6.00 a month. Those enrolling for full work will pay a matriculation fee of \$5.00 which is paid only once. Payment of such fees entitles the student to enter any classes in other departments of Mesa College except those having laboratory work, and to take part in all school activities without any extra charge. Even locker and towel fees are included in this cost.

Education and Psychology courses are offered which will enable those people who plan to teach next year but who desire to gain information and practice in teaching methods, materials, and procedures, to get refresher courses. The fields of arithmetic and reading will be taught the first term, and those of English and the social studies the second term. A course in primary principles and practice will be given to prepare teachers who will teach grades one, two, and three. A class of primary children will be available for observation and practice teaching. A course in educational psychology and one in mental hygiene will also be available for teachers and others.

In regular academic work the following courses will be given:

- Freshman English—First term.
- College Algebra—First term.
- Inorganic Chemistry—Taught second term only.
- American History—First term.

The courses in English and Chemistry will be the regular third quarter classes in these fields. History and college algebra will be open to beginning students. If enough beginning students wish the first quarter's work in the above courses or other courses in the same fields, they will be offered.

All classes will meet daily. Business classes will begin at seven a. m. and run till noon. Other classes will begin at seven forty-five a. m. This will permit students to work in the afternoons and on Saturday.

Fees will be \$15.00 per term, except for laboratory courses where the fee is \$5.00 extra for the quarter.

The fees for the business courses are listed above.

Write to:

MESA COLLEGE

Grand Junction, Colorado for further information.

