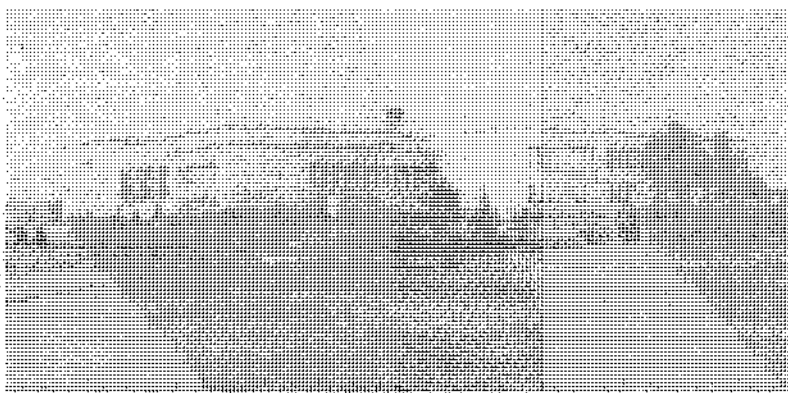

MESA COLLEGE



CATALOG

1945-46

Please Bring This Catalog With You When You
Come to Register.

Grand Junction, Colorado

College Calendar . . . 1945-46

Spring Quarter 1945

March 19 Classes begin
May 28-29-31 Final examinations
May 30 Decoration Day holiday
June 1 Commencement

Summer Quarter 1945

June 11 Classes begin
July 4 Holiday
August 17 Summer Quarter ends

Fall Quarter 1945

September 13-15 Freshman Days
September 14-15 Registration
September 17 Classes begin
November 22-23 Thanksgiving vacation
November 26-30 Pre-registration for Winter
Quarter
December 3-7 Final examinations

Winter Quarter 1945-1946

December 10 Classes begin
Dec. 22-Jan. 6 Christmas vacation
March 4-8 Pre-registration for Spring
Quarter
March 11-15 Final examinations

Spring Quarter 1946

March 18 Classes begin
May 30 Decoration Day holiday
June 3-6 Final examinations
June 7 Commencement

Summer Quarter 1946

June 17 Classes begin
July 4 Holiday
August 23 Summer Quarter ends

foreword

Mesa College Looks Forward to Peace

Mesa College stands ready to serve the educational needs of youth in the time of peace which lies ahead just as it did its part in the war-time program.

The post-war world will demand more of youth in terms of education and training than the pre-war world did. Mesa College with its accredited two years of liberal arts and pre-professional work, its commercial and business training, its agricultural offerings and its homemaking courses, is prepared to give to all youth, high school graduates, veterans and ex-war workers the kind of education they need for the development of physical, intellectual and emotional maturity and to prepare them to pursue their particular interests in educational or in vocational fields.

Some courses were dropped during the war because there was little or no demand for them or because no teachers were available for particular subjects. Some have already been restored—art and music—and other will be restored after the war. Some courses have been added and others will be offered as the demand for them is made evident.

The end of the war will find Mesa College in a strong position to resume its former extensive program of liberal arts, pre-professional, terminal, business, and vocational education, and, as a result of its war-time experiences, to extend and improve such education. Aeronautical engineering and flight training, agricultural, and trade and industrial training are among the courses which already form a part of the new post-war curriculum. Whatever changes occur in the occupational situation, in the educational demands, or in local community needs, Mesa College will adapt its program to meet the challenge.



MESA COLLEGE:

A Community Institution

Mesa College is a democratic institution founded upon the principle that the community should provide education for all its members. It provides a cultural center for the community and recognizes its moral and social responsibility toward the students and adult population while it makes provisions for meeting educational and vocational demands made upon it.

Purposes

1. To provide a two-year course leading to entrance into the junior class for those who are to continue toward their specialization in a senior college or university; and in addition
2. To furnish those for whom the junior college will complete their formal education, a degree of personal, social, civic, and vocational competence that will enable them to enter effectively into adult living.
3. To stimulate and lead the intellectual and cultural life of the community; to furnish programs for information and entertainment; and to provide a center for participation in recreational activities.
4. To foster activities leading to civic, social, moral and educational improvement of the community.

Curriculum

The curriculum of Mesa College is based upon the needs of the students and of the area which it serves, as determined by frequent surveys.

It is flexible and meets the needs of both university-preparatory and terminal-vocational students. It contains courses which are equivalent to those offered during the first two years at the senior colleges and universities of the state. It also provides certain types of specialized training for specific occupations. For all students, it provides courses of a general nature which lead to a broad, well-rounded education that fits them for better living by developing within them a sound emotional and social balance and personal resources for continued intellectual growth.

To Whom Is Mesa College Open?

Mesa College is open to high school graduates and others of sufficient maturity, experience, and seriousness of purpose to enable them to benefit from its offerings.

Personnel

Mesa College Committee

R. H. Penberthy, President	Grand Junction
J. A. Edling, Secretary	Appleton
M. L. Dilley, Treasurer	Clifton
Mrs. Clyde Biggs	Grand Junction
Carl Porter	Collbran

Officers of Administration

Horace J. Wubben, B. A., M. A.	President of the College
Mary Rait, B. A., M. A.	Vice President, Dean of Women
*Marshall C. Miller, B. A., M. A.	Dean of Men
Gerald Scofield, B. A., M. Ed.	Acting Dean of Men
Mattie F. Dorsey, B. A., M. A., Ph. D.	Registrar

Faculty

Noan Anderson, B. A., University of Minnesota	Home Economics
*Cecelia Cardman, B. F. A., University of Colorado	Art
Catharine Carpenter, B. S., University of Colorado	Business
Mattie F. Dorsey, Ph. D., University of Colorado	French, Education
M. B. Fitzgerald, Northwest Missouri State Teachers College	Business
*Maurice F. Griffith, M. S., Colorado College	Mathematics, Physics
*William Hartman, M. A., Colorado State College of Education	English, Journalism
Lowell Heiny, M. A., Colorado State College of Education	Mathematics, Chemistry
Esther Herr, M. A., Columbia University	Business, Spanish
Robert Hogue, B. A., University of Colorado	Engineering Mathematics and Drawing
*Edward Holt, M. S., University of Colorado	Geology
Marie Killheffer, M. A., University of Chicago	English Language and Literature
*Marshall Miller, M. A., Colorado State College of Education	Sociology, Political Science
Carol Paige, Yale School of Fine Arts	Art
*Sally Peebles, M. A., University of Colorado	French, Spanish
Mary Rait, M. A., University of Colorado	History
Lillian Sabin, B. L. S., Pratt Institute Library School	Librarian
*Lawrence Sardon, M. A., Brigham Young University	Music
Gerald Scofield, M. Ed., University of Colorado	Social Science, Physical Education
Co-Beth Sigmon, B. S., University of Colorado	Physical Education
Marie Treace, Pupil of Luisa Novelli and R. N. Montague	Music
Kenneth Ury, M. A., University of Iowa	Biology, Psychology, Speech
Lester B. Whetten, M. S., Brigham Young University	Agriculture
Horace J. Wubben, M. A., University of Colorado	Geography

*On leave of absence.

Special Music Instructors

Marie Olcott, Chicago Music College Piano
 Charles J. Steen, A. B., Utah State College
 Woodwind and Percussion Instruments

Administrative Assistants

Joyce Borah, A. A., Mesa College Administrative Secretary
 Elmer G. Houston Maintenance Superintendent

General Information

History

Mesa College has been offering junior college work since 1925, until 1937 under the name of the Grand Junction Junior College. Since 1937, when the State Legislature made provision for public support, it has existed under the present name. It is fully accredited under the State Department of Public Instruction of Colorado, by the University of Colorado and all other institutions of higher learning in Colorado. Mesa College is a member of the American Association of Junior Colleges, an organization comprising some 500 junior colleges.

Building and Equipment

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 administrative offices, class rooms, lecture rooms, laboratories, auditorium-gymnasium, library, special physical education rooms, and instructors' offices. First floor halls are equipped with individual lockers for students' use.

Scientific lighting and ventilation are two features of the building. Glass brick is used throughout the building for light diffusion. Ornamental lighting fixtures afford ample direct, non-glare illumination.

The library, which now has more than 8,000 volumes and a wide selection of current magazines, is well lighted and air-conditioned.

The various laboratories—chemical, physical, biological, home economics, and business—are fitted with modern equipment, permitting a high quality of laboratory work to be done.

College Divisions

Mesa College maintains two divisions, or schools, by which degrees are granted upon satisfactory completion of their respective requirements, the School of Arts and Sciences and the School of Commerce.

Work is offered in the School of Agriculture to those whose interests are in practical and applied aspects of this occupation.

In Aeronautics, both ground school instruction and actual flying are done under college administration, the course culminating in a private pilot's license issued by the Civil Aeronautics Administration.

Counseling Program

The counseling service of Mesa College begins with pre-registration conferences in which the prospective student is assisted in choosing a college course in relation to his own need and interests and continues as long as the student is in college. The student is assigned to a faculty counselor at the beginning of his freshman year on the basis of his expressed vocational and academic interest. Through group meetings and individual conferences the student receives friendly, sympathetic aid in analyzing, understanding and solving his problems and in making satisfactory personal, social, educational and vocational adjustments.

Entrance Tests

During Freshman Days, tests are given to determine interests and abilities of new students. These include tests in English usage, vocabulary, reading comprehension, ability to do college work successfully, and a personality inventory. The results are available to the student and his adviser and form an excellent basis for counseling.

Students do not "pass" or "fail" these tests. Those who make low scores are given special help in overcoming their deficiencies. Two extra class hours a week during the first quarter of Freshman English are provided for those whose reading scores indicate weakness in this ability.

Proficiency Examinations

Results of proficiency examinations are used in determining whether credit may be allowed for courses taken in an unapproved institution of higher learning; to determine credit for work done outside of class; and to determine exemptions from certain courses.

Students of Commerce who wish advanced standing take tests in typewriting, shorthand and bookkeeping to determine their fitness for doing advanced work. Those who perform satisfactorily in English grammar and arithmetic tests will be excused from taking these courses in the School of Commerce.

Vocational Tests

Vocational interest tests are given to freshmen and sophomores at the beginning of the third quarter to secure data which will assist students in planning their work for the following year.

Housing

Mesa College does not have dormitories but many desirable homes in Grand Junction are opened to students. The administration requires that homes in which students live shall be approved by College authorities. A list of such accommodations is available in the office of the Dean of Women. Out-of-town students who board and room in Grand Junction are expected to observe the Dean's regulations concerning study, recreation, entertaining, etc.

Student Activities

The associated students of Mesa College have charge of all student activities. Management of their affairs is vested in a council of student officers, class representatives and faculty advisers. A part of the all-college fee is administered by the Council to further student projects.

Activities sponsored by the student association include the Criterion (the college newspaper), social functions, special interest clubs, assembly programs, participation in Red Cross and defense work.

Assemblies

Programs for assemblies, which are held twice a month, are planned by a student and faculty committee. These programs are varied, utilizing student talent in dramatics, music, and other mediums of expression. Stimulating outside speakers appear from time to time to discuss current, vocational, and cultural subjects.

Social Life

Mesa College has a full calendar of social activities during the year through which the social needs of the students are satisfied. All-college picnics, hikes, parties, dances, teas and banquets, as well as small group and organization functions, furnish variety and opportunity for students to receive social training as well as enjoyment. Social activities are under the direction of the Dean of Women who aids students and organizations in planning a wholesome social program.

College-Community Relations

Through mutual cooperation with the community, Mesa College has become a real cultural center, an integral factor in the educational and social development of western Colorado. Faculty members are available for lectures and discussions on a wide range of subjects related to education, agriculture, home-making and current social problems. Student groups appear often before public or private audiences for information or recreation. The public is invited to attend many types of programs at the college—musical, dramatic, forensic, religious, and those devoted to public affairs and international relations—presented by faculty, students, community members, and out-of-town speakers.

Book reviews, play readings, lectures, conferences, demonstrations and musical programs are presented at the college from time to time by members of the community, for the students and the public.

The churches of Grand Junction all cooperate with the college in meeting the needs for religious education among the students. Opportunities include participation in student classes in Sunday schools, young people's organizations, and singing in choirs.

Employment Opportunities

Students who find it necessary to earn part or all of their expenses while attending Mesa College will be assisted in securing employment by the college. Grand Junction business men and residents are generous in offering employment to students and cooperate fully with the work-placement director of the college. It is in-

portant, however, that the student shall have enough money to enable him to stay in college for at least two months.

The college is interested in the placement of its graduates who desire to enter a permanent position and will assist them to obtain employment for which they are fitted.

Scholarships

Mesa College gives scholarships to high school graduates to be used in their freshman year. These cover the cost of tuition and are awarded to one student in each high school who is recommended by his principal, is in the upper one-third of his class, and in need of financial aid. The Lions Clubs of several communities in cooperation with the Grand Junction Lions Club offer additional scholarships which pay freshmen tuition.

Joint Honor scholarships may be used at Mesa College. They are valued at \$25.00 per quarter for non-residents of Mesa County.

Mr. Walter Walker and The Daily Sentinel provide two scholarships to be awarded to two freshmen, to be recommended by the college faculty, for use during their sophomore year at Mesa College.

Most of the major colleges and universities in the Rocky Mountain region, and several outside this region, offer scholarships to Mesa graduates who have made high scholastic records while in college.

Loan Funds

Several organizations in Grand Junction maintain loan funds from which needy students may obtain loans by presenting satisfactory credentials. Information concerning these funds is available at the office of the Dean of Women.

Expenses at Mesa College

Board and Room

The cost of board and room is about forty dollars per month. Some students do light housekeeping and are able to reduce this cost, somewhat.

Tuition

Because Mesa College is partially supported by taxes levied on Mesa County property, residents of Mesa County are not charged tuition. Students from outside Mesa County are charged a tuition fee of twenty-five dollars per quarter.

Books and Supplies

Text books, notebooks and school supplies are sold at cost at the College Bookstore. Cost for needed supplies will vary according to the courses taken by the student but ought not to exceed thirty dollars for the year and may be as low as fifteen, if used copies of text books are bought.

General Fees

Matriculation (paid once by each student)	\$ 5.00
Tuition (not charged Mesa County residents)	25.00 per quarter
All-College fee (not charged commerce students)	12.00 per quarter

The all-college fee includes library, student activity, towel, locker and publication fees.

Laboratory Fees

(Charged those who take such courses.)

Chemistry	\$ 5.00 per quarter
Biology	5.00 per quarter
Physics	5.00 per quarter
Commerce (charged academic students for any one course)	5.00 per quarter
Education	1.00 per quarter
Home Economics (for each quarter hour taken)	1.00 per quarter

Commerce Fees

Students in the School of Commerce pay the matriculation fee upon registering, but are excused from the all-college fee.

Fees for commercial students are:

Mesa County residents	\$30.00 per quarter
Non-residents of Mesa County	55.00 per quarter

Miscellaneous Fees

Late registration	\$ 2.00
Change in schedule	.25
Late or special examination fee	1.00
Graduation (cap, gown, diploma) fee	3.00
Teacher placement fee	3.00
Duplicate transcript	1.00

Part-Time Student Fees

Students taking a part-time course are charged the matriculation fee, a class fee of two dollars per quarter for each credit hour for which they register, plus the regular laboratory fee for any laboratory course they may take.

Payment of Fees

Fees are due on registration day—the first day of each quarter—and registration is not complete until the student's obligation is met in full.

Refund of Fees

No fees are returned after two weeks from the opening of the quarter, except to students drafted for military service. Prior to that date, two-thirds of the fees for the quarter may be refunded upon the recommendation of the Registrar. Claims for refunds must be made when the student withdraws from college.

Credits and Course Load

College work is measured in quarter-hour units. In general, one quarter-hour is the amount of credit earned by taking one hour of class work per week for a quarter. A class which meets, for example, three class hours a week for a quarter receives three quarter hours of credit. From two to three hours of laboratory work per week are required for one hour of credit.

The normal student load is sixteen quarter hours and the minimum load is ten hours, except for a few special and part-time students. Seventeen hours is the maximum load until a student has shown his ability to take more, and then he may be permitted to carry more hours if his schedule is approved by the admissions committee. The programs of students who are gainfully employed are adjusted according to the number of hours they work a day, with due consideration given to the ability of the students.

Registration

Fall Quarter registration of new students will begin at 1.00 p. m., Friday, September 14, 1945. Permission to register must be secured from the Registrar's office.

Registration of former students will take place Saturday morning, September 15, 1945, beginning at 8:30 o'clock.

Transcripts

Transcripts of records from other institutions, high schools, or colleges, are required of all entering students. Registration is not complete until this requirement has been met.

Courses of Study

The program for the two years at Mesa College will depend upon what the student plans to do at the end of two years. For those who plan to continue college work in a senior college or university the courses in liberal arts, which are equivalent to such first- and second-year courses at higher institutions of the state, are required. Certain definite lower-division requirements are met by the courses leading to the associate in arts or the associate in science. Other courses will depend upon the field in which the student's major interest lies, but will consist of such as fit into the student's planned program to be followed in the junior and senior years.

For those who do not plan to continue beyond the junior college several non-specialized courses are offered. These provide for a broad training and liberal choice of electives. For those who desire to prepare for a specific vocation, guidance is given in selecting the appropriate courses for such preparation.

The major courses of study for freshmen are outlined according to major fields and presented on pages 10 and 11. Entering freshmen will find this table helpful in choosing the courses for which they will register at the beginning of the fall term. Those students who do not find the specific course in which they are interested may secure assistance during pre-registration conferences with the Registrar or with their counselors in planning their courses.

MAJOR COURSES OF \$

How to Read This Chart: Find the course of study which interests you. Numbers indicate quarter hours credit, 48 of which are required for a degree.

Subjects	Agriculture	Business	Education	Engineering
English	English Comp. (9)	English Comp. (9)	English Comp. (9)	English Comp. (9)
Science	Inorganic Chem. (12) Biology (9)	Physical Science (9) ---or---	Inorganic Chem. (12) ---or--- Science Survey (9)	Inorganic Chem. (12)
Mathematics	Algebra (5)	Introduction to Mathematics (9)		Algebra (5) Trigonometry (5) Analytical Geometry (5)
Social Science			Mod. European History (9) ---or--- Political Science (9)	
Other Requirements	Crop Prod. (3) Types of Livestock (3) Fitting & Showing Livestock (3)	Accounting (9)	Speech (6) ---or--- Fresh. Lat. (8) Cur. Hist. (3)	Mechanical Drawing (3) Desc. Geom. (3)
Suggested Electives	Dairying Livestock Fundamentals Poultry Husbandry	Geography History Political Science Speech Commerce Courses	Mathematics Biology Gen. Home-Ec.	Current History Speech

Physical

Education: Required of all Freshmen working toward a degree, 3 hrs.

STUDY FOR FRESHMEN

Interests you in the horizontal row, at the top and read down.
 are required for the year.

	Home Economics	Liberal Arts	Music	Pre-Professional	Terminal General
	English Comp. (9)	English Comp. (9)	English Comp. (9)	English Comp. (9)	
	Biology (6) Physics (5) Inorganic Chem. (12)	Inorganic Chem. (12)		Inorganic Chem. (12) Biology (9) (for A; see below)	A non-specialized program offering broad training and a liberal choice of electives. Students are advised to select from at least three fields.
(3) (5)	Introduction to Math. (6) ---or--- Algebra (5)				
		Mod. European History (9) ---or--- Pol. Science (9)	Mod. European History (9) ---or--- Pol. Science (9)	Mod. European History (9), and Pol. Science (6) (for B)	
(3)	Color and Design (3) Textiles (3) Clothing Selection and Construction (5)		Solfeggio (9) Harmony (9)	Speech (3) (for C) Psychology [†]	
ory		For. Language, Art, Music, Fresh Literature, Mathematics, Geography, Accounting	French, Fresh Literature, Piano, Voice	Foods [*] Sociology [†] Intro. to Math. Current History	

A Medicine, Pharmacy. [†]Nursing.
 B Law.
 C Forestry, Veterinary Medicine.

General Regulations

Admission to the Freshman Class

High School graduates, or those who have completed satisfactorily fifteen acceptable units of high school work, are eligible for admission. The application for admission, which includes a transcript of the high school record properly filled out and signed by the high school principal, must be submitted before the time of registration and should be on file in the Registrar's office not later than the tenth of September. (Blanks may be secured from high schools or from Mesa College.)

An applicant for admission who has already attended another institution of college rank may not disregard his collegiate record and apply for admission as a freshman.

Admission to Advanced Standing

Honorably dismissed students from other colleges or institutions of similar rank may be admitted to advanced standing in Mesa College. Students applying for advanced standing will present to the Registrar's office a transcript of all college work sent from each institution attended.

Admission of Veterans

Mesa College is open to any veteran who qualifies for college education and its Veteran Service program has been organized to give the most efficient assistance possible in planning his education.

A veteran who does not meet the normal entrance requirements for admission, but who proves, through tests, that he is ready to do college work, will be admitted.

All educational work done by the veteran while in active service will be evaluated and credit given when possible. Academic credit, earned in a Navy or Army academic program or through correspondence courses taken from colleges and universities through the United States Armed Forces Institute, will be granted. Academic development through military experience or through non-academic courses will be measured by tests, and, if the veteran is found to have gained knowledge equivalent to a specific college course, credit will be granted.

A veteran may take regular courses leading to an associate degree granted by Mesa College and preparing for entrance to the higher division of four-year colleges and universities, or he may follow a terminal program designed to prepare for some specific occupation.

Admission of Special Students

Mature individuals who lack some of the requirements for admission as regular students may be admitted as special students on a full- or part-time basis. Special students may become regular students upon fulfilling the requirements for entrance. This may be done by passing proficiency tests in courses studied independently or by substituting certain college courses for high school units.

Late Registration

Students registering late will be required to make up the work they have missed. Students are not permitted to enroll after the third Monday in any quarter, for a full-time class schedule. A part-time program may be started at any time during the first six weeks of a quarter. The number of courses allowed will depend upon the time a student registers.

Change of Program

No student may transfer from one subject to another after the second week of the quarter. If a student desires to drop a course, he must make arrangements with the Registrar and his instructor. Failure to abide by this rule will result in the assignment of a technical failure (TF) for the course or courses involved. Transfer from one curriculum to another should not be made by a student without his counselor's approval.

Examinations

Final examinations are held regularly at the end of each quarter. Students are required to take the final examinations at the appointed time and place in order to receive credit in a course. Mid-term examinations are held during the sixth week of each quarter and are required of all students. A fee of one dollar is charged for a late or special examination.

Grades and Reports

Grades in Mesa College are indicated, by A, B, C, D, F, S, TF, W, X, INC. These are interpreted as follows: A, superior; B, good; C, fair; D, minimum passing; F, failure; S, satisfactory; TF, withdrawal not sanctioned by regulation; W, withdrawal without discredit; X, given for passing a proficiency examination; INC, incomplete (must be made up by the third week of the following quarter or a grade of F is recorded in the office).

Individual grade reports are sent to students and parents at the end of each quarter. Special reports may be obtained upon application to the Registrar. Grades are withheld, however, until all fees are paid.

Attendance

Students are expected to attend every class meeting or laboratory session of the courses for which they are enrolled. The only exceptions are for illness or emergency. The college reserves the right to drop from its rolls students persistently absent from class.

Withdrawals

A student leaving the college should notify his instructors and make formal application to the Registrar for permission to withdraw. If the withdrawal takes place after the second week of the quarter, the courses in which the student is passing at the time of his withdrawal will be dropped without discredit. A grade of failure will be recorded for each course in which the student is not passing.

A statement of "honorable dismissal" will be given the student if

at the time of his withdrawal his standing as to conduct and character is such as to entitle him to continuance in the college.

Certificates, Diplomas, Degrees

Mesa College grants a certificate, diploma, or degree, according to the type of curriculum selected by the student and upon completion of the special requirements of each. These include an elementary certificate in business, a ground school certificate, a Mesa College diploma, and the degrees, Associate in Arts, Associate in Science and Associate in Commerce.

The Mesa College diploma is granted to those students who plan to complete their formal education at the end of two years, or who do not meet the requirements for admission to the upper division of a four-year institution. Those who matriculate as regular students, spend at least one year in residence, and complete 96 hours in college courses are entitled to the diploma.

The Associate in Arts degree is granted to students who meet the entrance requirements, matriculate as regular students, spend at least one year in residence and complete with an average of C, or better, 96 hours including English composition, 9 hours; physical science, 9 hours; history or other social science, 9 hours; literature, 9 hours; biology or psychology, 9 hours; physical education, 6 hours; approved electives, 18 to 24 hours; free electives, 27 to 21 hours.

Freshmen should register for English composition, physical education and at least one other, preferably two, of the required courses. Approved electives include mathematics, foreign language, freshman literature, current history, public speaking, and social sciences. Free electives include any transfer courses offered by the college, such as education, home economics, etc.

The Associate in Science degree is granted to regular students who include the following courses in their program and who complete 96 hours with an average of C or better: Science and mathematics, 39 hours, of which at least 5 must be in mathematics; English composition, 9 hours; physical education, 6 hours; approved electives 18 to 24 hours; free electives, 24 to 18 hours.

The Associate in Commerce degree is granted to students who complete, with an average of C, or better, 96 hours including physical education, 6 hours; English composition, 9 hours; mathematics, or science, 9 hours; psychology, 9 hours; principles of economics, 5 hours; courses in commerce, 42 to 45 hours; electives, 12 to 9 hours.

Transfer of Credits

Junior colleges in Colorado are authorized by State law to provide only the first two years of college instruction. This is the equivalent of 90 academic hours, plus six hours of physical education, for most higher institutions.

Students who earn more than 90 academic hours do not receive credit for the excess hours on transfer to a four-year state college in Colorado that requires only 90. Colorado A. & M. College will accept 105 junior college credits since that institution requires that number during the first two years. Credits earned at Mesa College are transferable to other institutions providing they meet the requirements of a specific field selected by the transferring student.

Course Numbers

Courses numbered from 1 to 43 are designed primarily for freshmen. Those numbered from 51 to 93 are designed primarily for sophomores. Freshmen should not register for sophomore courses, nor sophomores for freshmen courses without special permission from the Registrar.

Numbers ending in 1, 2, and 3, respectively indicate the quarter in which a course is given, and also the year of the course. French 52 means the second quarter of sophomore French.

Course Continuation

Courses which continue for three quarters should be taken throughout the year by students planning to transfer credits to senior college or universities, and in the sequence indicated by the course numbers. Example: French, 1, 2, 3, FWS. To receive transfer credit for this course it is necessary to take all three quarters.

Physical Education

Six hours of physical education are required for graduation except for those who present a doctor's statement as to physical inability to participate in the physical education program. Credit is given in only one hour per quarter. Instruction in personal hygiene is given to all freshmen by means of lectures, discussions and conferences during the winter quarter.

School of Arts and Sciences

The work of the School of Arts and Sciences is designed primarily for students who expect to transfer their junior college credits to a senior college or university where they will continue their formal education. The requirements for this school are those for the Associate in Arts degree, given on page 14. A secondary purpose of the School of Arts and Sciences is to provide for the completion of general education and to offer a well-rounded general cultural program for those who do not plan to continue for four years.

There are 31 hours required and 45 hours of electives which allow the student to follow his own interests, to prepare for entering education, home economics, business administration, or other senior college curriculums.

Education

Mesa College recognizes the need for teachers and encourages young people of ability to prepare for teaching, the most fundamental of the social services. Those students who complete satisfactorily two years in the School of Arts and Sciences and who include in their electives 9 hours of education, 6 hours of student teaching, 9 hours of psychology, and 6 hours of sociology or biology, are eligible to receive the pre-graduate permit, from the State Department of Public Instruction, to teach for one year.

Home Economics

The courses in Home Economics are designed for those students who plan to major in this field upon transference to a four-year

college and also to meet the needs and interests of the terminal students who plan to become home makers after two years of college work. Students in other fields will find some of the home economics courses of practical value as electives.

Courses of Instruction

A list of courses for which students may receive credit in the School of Arts and Sciences follow. After each course is given the number of credits per quarter which it carries. The quarter in which the course is given is indicated by the letters F, W, S, meaning fall, winter, spring.

List of Courses		Hours Credit Per Quarter
Accounting 51, 52, 53.....	F W S	Principles of Accounting 3
Art. 1, 2, 3.....	F W S	Freehand Drawing 2
Art. 11, 12, 13.....	F W S	Color and Design..... 3
Art 83.....	S	Individual Projects..... 3
Biology 1, 2, 3.....	F W S	General Biology..... 3
Chemistry 1, 2, 3.....	F W S	Inorganic Chemistry..... 4
Chemistry 51, 52, 53.....	F W S	Organic Chemistry..... 5
Clothing 1.....	F	Color and Design..... 3
Clothing 2.....	W	Textiles..... 3
Clothing 3.....	S	Selection and Construction..... 5
Economics 51, 52, 53.....	F W S	Principles of Economics..... 3
Education 51.....	F	Introduction to Education..... 3
Education 52.....	W	Elementary Methods..... 3
Education 53.....	S	Classroom Management..... 3
Education 71, 72, 73.....	F W S	Student Teaching..... 2
English 1, 2, 3.....	F W S	Freshman English..... 3
English 11, 12, 13.....	F W S	Public Speaking..... 2
English 51, 52, 53.....	F W S	Advanced Composition..... 2
Foods 1.....	F	Conservation and Preservation..... 3
Foods 2.....	W	Selection and Preparation..... 2
Foods 3.....	S	Preparation & Serving of Meals..... 3
French 1, 2, 3.....	F W S	Beginning French..... 5
Geography 1.....	F	Economic Geography..... 3
Geography 2.....	W	Human Geography..... 3
Geography 3.....	S	Political Geography..... 3
History 1, 2, 3.....	F W S	Modern European History..... 3
History 21, 22, 23.....	F W S	Current History..... 1
History 51, 52, 53.....	F W S	United States History..... 3
Home Economics 41.....	F	Clothing for College Women..... 3
Home Economics 42.....	W	Living in the Home..... 3
Home Economics 43.....	S	Feeding the Family..... 3
Literature 41, 42, 43.....	F W S	Freshman Literature..... 2
American Lit. 61, 62, 63.....	F W S	Survey of American Literature..... 3
Mathematics 1.....	F	Introduction to Math. (Alg.)..... 3
Mathematics 2.....	W	Introduction to Math. (Trig.)..... 3
Mathematics 3.....	S	Introduction to Math. (Geom.)..... 3
Mathematics 11.....	F	Algebra..... 5
Mathematics 12.....	W	Trigonometry..... 5
Mathematics 13.....	S	Analytic Geometry..... 5
Mechanical Drawing 1, 3.....	F S	Engineering Drawing..... 3
Mechanical Drawing 2.....	W	Descriptive Geometry..... 3
Music 21, 22, 23.....	F W S	College Choir..... 1
Music 1, 2, 3.....	F W S	Solfeggio..... 2
Music 11, 12, 13.....	F W S	Elementary Harmony..... 3
Music 51, 52, 53.....	F W S	Advanced Harmony..... 3
Music 61, 62, 63.....	F W S	History of Music..... 3

Psychology 51, 52, 53	F W S	General Psychology	3
Phys. Ed. Men 1, 2, 3	F W S	Phys. Ed. for Freshmen Men . . .	1
Phys. Ed. Women 1, 2, 3	F W S	Phys. Ed. for Freshmen Women . .	1
Phys. Ed. Men 51, 52, 53	F W S	Phys. Ed. for Sophomore Men . . .	1
Phys. Ed. Women 51, 52, 53	F W S	Phys. Ed. for Sophomore Women . .	1
Physics 1	S	Introduction to Physics	5
Political Science 1, 2, 3	F W S	American Government	3
Science 1, 2, 3	F W S	Survey of Physical Science	3
Sociology 61, 62	F W	General Sociology	2
Sociology 63	S	American Social Problems	2
Spanish 51, 52, 53	F W S	Spanish Reading	3
Spanish 61, 62, 63	F W S	Spanish of Commerce	3

School of Commerce

The basic purpose of the Mesa College School of Commerce is to provide young men and women with the necessary specialized training for a future of self-reliance and economic opportunity. Two-year terminal programs in business education and skills are offered to those who desire to prepare for clerical positions with business concerns, educational institutions, and governmental agencies. They provide the necessary preparation for beginning bookkeepers, assistant accountants, stenographers, typists, filing clerks, business machine operators, and other types of business and office workers. A student is permitted to select from a variety of courses, those which meet his own individual needs. Students may enroll for one or two years, depending on the amount of preparation needed or desired. Appropriate diplomas will be given those who complete the recommended curriculum and pass the proficiency examinations. The services of the placement bureau will also be at the disposal of students who complete the terminal courses.

Associate in Commerce

The School of Commerce offers an excellent training for those terminal students who plan to enter a business career at the completion of their Junior College program. Students who meet the requirements of this two-year program will be granted the degree, Associate in Commerce, upon graduation.

To receive the Associate in Commerce, students are required to complete, with an average of C, or better, 96 quarter hours of credit distributed as follows: English composition, 9 hours; physical education, 6 hours; mathematics, or science, 9 hours; principles of economics, 9 hours; psychology, 9 hours; courses in commerce, 42 to 45 hours; electives, 12 to 5 hours.

Programs

Two types of terminal programs are planned, one for the student who has not had previous training in commerce, and one for the student who has completed part of his business training in high school or elsewhere. Credit for typewriting 1 and 2, shorthand 1, and accounting 1, will not be allowed those who have had a full unit of these respective courses in high school. Practice will be provided on a non-credit basis, however, in order to enable the students to maintain these skills. Advanced courses in which these skills are used will be provided on a credit basis.

Those students who look forward to promotion from routine stenography or bookkeeping to more responsible secretarial or junior executive positions will find the two year program a splendid preparation for such promotion.

College preparatory students who plan to transfer to schools of business administration or work toward a degree or specialization in some branch of commerce are advised to register in the School of Arts and Sciences.

Pre-Requisites

Two quarters of secretarial practice are offered. The first consists of business ethics and office procedures; the second, indexing and filing, and office appliances. Pre-requisites: completion of Business English 3 and ability to type 40 words a minute and to take dictation at 30 words a minute.

Fitness to enter advanced courses will be determined by examinations.

Elementary Certificate In Business

The following program when completed with an average of B, or better, will qualify a student to receive the Elementary Certificate in Business: bookkeeping or accounting, nine hours with grade of B, or better; business English 1, and 3, six hours; typing--satisfactory evidence of ability to type at 50 net words a minute for ten minutes; shorthand--satisfactory evidence of ability to take dictation at at least 30 words a minute for five minutes, and to transcribe with reasonable skill; electives (not including physical education)--sufficient to make a total of 45 hours.

Two of the electives must be from the following: business math, three to six hours; business law, three hours; business English 2, three hours. Other electives suggested are: office machines, secretarial practice, and approved subjects from the academic school.

Proficiency Awards

Upon attaining specific levels of proficiency in shorthand or type-writing students may earn proficiency awards in the form of certificates or pins.

List of Courses

	Hours Credit Each Qtr.
Accounting 1, 2, 3.....	Bookkeeping 3
Accounting 11, 12, 13.	Fundamentals of Accounting 3
Accounting 51, 52, 53.	Principles of Accounting 3
Business English 1.....	Grammar and Punctuation..... 3
Business English 2.....	Spelling and Word Study..... 3
Business English 3 ..	Business Correspondence 3
Business Math 1.....	Rapid Calculation 3
Business Math 2.....	Advanced Arithmetic 3
Business Law 1 ..	Introduction to Business Law..... 3
Business Machines 51..	Calculating Machines 1-2
Business Machines 52..	Adding and Listing Machine... 1-2
Business Machines 53.	Posting Machines 1-2

Economics 51, 52, 53.....	Principles of Economics.....	3
Secretarial Practice 51.....	Business Ethics, Office Procedures.....	3
Secretarial Practice 52.....	Filing, Office Appliances.....	3
Shorthand 1, 2.....	Shorthand Theory.....	3
Shorthand 3.....	Beginning Dictation.....	3
Shorthand 51.....	Dictation and Transcription.....	3
Shorthand 52.....	Adv. Dictation and Transcription.....	3
Spanish 61, 62, 63.....	Spanish of Commerce.....	3
Typewriting 1, 2.....	Beginning Typewriting.....	3
Typewriting 3.....	Intermediate Typewriting.....	3
Typewriting 11.....	Applied Typewriting.....	3

School of Aeronautics

Since 1939 Mesa College has been participating in various civilian and military pilot training programs. The experience and equipment acquired for that training is now made available to civilians who wish to obtain pilots' licenses. The College has Civil Aeronautics Administration approved school certificates with the Drapela Flying School and with the Valley Air Service as flight operators. Both of these are well qualified as to experience and equipment and both operate from Walker Field.

The fee for the ground courses varies with the size of the class. It is now thirty dollars.

Each student makes his own arrangements for flying time with the approved flight operators.

The ground school curriculum contains the four courses prescribed by the C. A. A. for a private pilot's license. These courses are completed in ten weeks, in classes which meet three nights a week for two hours a night. A student who successfully completes these courses is given a certificate which is valid for one year during which time he may complete the thirty-five hours of flight time necessary for a private license.

List of Courses

	Hours
	Credit
Civil Air Regulations.....	1
General Service and Operation of Aircraft.....	1
Navigation.....	2
Meteorology.....	2

School of Agriculture

Mesa College has embarked on a program of practical agriculture education and training. Through the facilities of the Mesa County Farm, which Mesa College leases from the County Commissioners, adequate land and buildings are available for the carrying out of what will eventually be a wide and diversified agricultural program.

Mesa College is placing at the disposal of the farmers of the Western Slope every facility at her command to aid in increasing agricultural

production as well as to improve the type of crops and livestock produced.

The Mesa College farm is being used as a demonstration area where livestock and poultry are maintained for study and demonstration purposes. Individual farmers as well as groups who choose to study some phase of agriculture are able to draw freely on these resources.

Short information and refresher courses will be given on timely problems to groups who may desire them. These courses may be in the form of concentrated units meeting every day for a short period on such problems as feeding dairy cows, culling poultry or controlling disease of livestock, or more comprehensive courses such as Farm Machinery repair which might meet several nights per week and run for an indefinite period of time. Each program will vary with the interests and needs of the farmers or students who compose the classes.

A farmers' institute, a three-day conference, will be held early in December for all farmers of the community. The major problems pertaining to present agricultural production will be discussed by outstanding leaders in the various fields.

A regular practical course in applied agriculture is offered for those desiring to pursue this program as college students. Courses offered for this purpose are listed below. Any individual who is desirous of obtaining part time training in some phase of agriculture is requested to communicate with Mesa College.

Mesa College cooperated with the Western Colorado Horticultural Society in preparing and conducting their second annual convention program in January, 1945.

Courses

			Hours Credit Per Quarter
Agriculture 1	F	Market Types and Classes of Livestock	3
Agriculture 2	W	Crop Production	3
Agriculture 3	S	Fitting and Showing Livestock	3
Agriculture 11	F	Livestock Fundamentals	3
Agriculture 12	W	General Poultry Husbandry	3
Agriculture 13	S	Dairy Fundamentals	3

Summer School 1945

Regular classes in business courses for both beginning and advanced students.

Among the courses offered are those in—

Typewriting
Bookkeeping
Shorthand
Business English
Office Practice
Business Machines
Secretarial Practice

Classes begin June 11 and end August 17.

For further information write:

Mesa College, Grand Junction, Colorado