MAIN CAMPUS 17800 ROAD 20 FORT MORGAN COLORADO 80701

303-867-3081



Morgan Community College

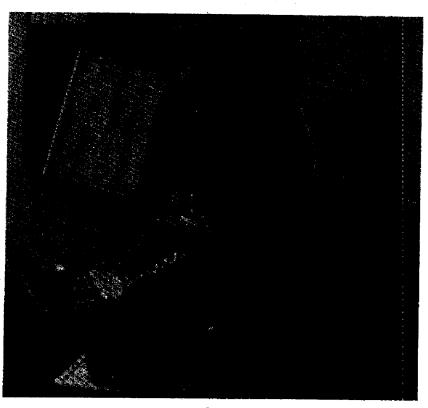
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general catalog 1980-82

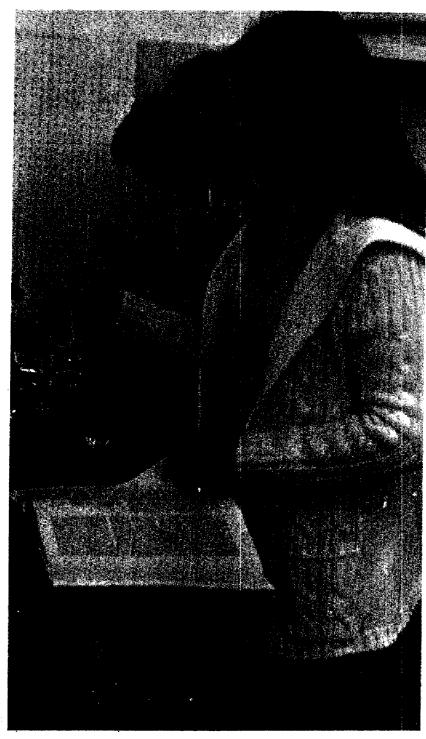
OCCUPATIONAL CERTIFICATE PROGRAMS

An Occupational Certificate will be awarded to those students who complete training programs in specific job skill areas. The student will acquire job entry skills via the completion of an Occupational Certificate Program, or, he/she may elect to

take additional academic courses in order to qualify for an Associate of Applied Science Degree. All candidates for Occupational Certificates must have earned at least fifteen (15) quarter hours of credit at Morgan Community College.



general studies division



~

ASSOCIATE OF ARTS **DEGREE**

Successful completion of a minimum of ninety-six (96) quarter hours* of credit in transfer course work including the following:

| HUMANITIES | 18 credit house |
|--|--------------------------|
| Required courses: | zo ci cuit nouis |
| ENG 108 Basic Writing | |
| ENG 109 Intermediate Writing | 3 credits |
| SPE 101 Principles of Speech | 3 credits |
| The remaining nine hours must be drawn from consequent | 3 credits |
| of this catalog, having course numbers above 100. | n the Humanities section |
| | |

SCIENCE AND MATHEMATICS 15 credit hours

Required courses:

SCI 114, 115, 116 Introduction to the

Physical Sciences

15 credits

or any math or science sequence listed in this catalog having course numbers above 100 and approved by your advisor.

SOCIAL SCIENCES 12 credit hours

Required courses:

PSY 113, 114, 115 General Psychology I, II, III

9 credits

9 credits

SOC 104, 105, 106 Principles of Sociology I, II and Social Problems

The remaining three hours must be drawn from courses listed in the Social Sciences sec-

tion of this catalog, having course numbers above 100.

ELECTIVES..... See recommended programs of study**

Any courses listed in the General Studies and certain specified courses in the Business and Secretarial Science section are acceptable as electives if approved by the student's

PHYSICAL EDUCATION.....3 credit hours

*Of these a minimum of 45 quarter credits must be in courses designated as general educa-

^{**}Each program is displayed with recommended course offerings for each quarter, but the student is not required to enroll for the recommended sequence of courses each quarter in order to achieve normal progress in the program.

ASSOCIATE OF SCIENCE DEGREE

Successful completion of a minimum of ninety-six (96) quarter hours* of credit in transfer: course work including the following:

| HUMANITIES | ours |
|--|-------------------------------|
| Required courses: ENG 108 Basic Writing | credits |
| - | credits |
| | credits |
| The remaining nine hours must be drawn from courses listed in the Humanities of this catalog, having course numbers above 100. | section |
| SCIENCE AND MATH30 credit h | iours |
| A minimum of 30 credit hours is required, however, enrollment in 45 hours is mended for transfer students pursuing this degree. Courses which are recommen College Chemistry (CHE 121, 122, 123), Biology (BIO 101, 102, 103), College (PHY 104, 105, 106), Algebra, Trigonometry, Elementary Functions (MAT 11 114), and/or Calculus (MAT 201, 202, 203). Each of these is a one-year concredit hours). | ded are Physics 2, 113, |
| SOCIAL SCIENCES 12 credit h | iours |
| Required courses: | |
| | credits |
| or SOC 104, 105, 106 Principles of Sociology I, II | |
| · · · · · · · · · · · · · · · · · · · | credits |
| The remaining three hours must be drawn from courses listed in the Social Sciention of this catalog, having course numbers above 100. | ces sec- |
| ELECTIVES See recommended programs of students of students of the catalog having course not above 100, and certain specified courses in Business and Secretarial Science sect acceptable as electives if approved by the student's advisor. | umbers |

PHYSICAL EDUCATION.....3 credit hours

- *Of these a minimum of 45 quarter credits must be in courses designated as general education.
- **Each program is displayed with recommended course offerings for each quarter, but the student is not required to enroll for the recommended sequence of courses each quarter in order to achieve normal progress in the program.

RECOMMENDED PROGRAMS OF STUDY FOR TRANSFER STUDENTS

BIOLOGY

(Associate of Science)

Year 1

| Quarter 1 | | Quarter 2 | | | Quarter 3 | |
|--|----|---|----------------------------|-------|--|-------------|
| ENG 108 Basic Writing MAT 112 College Algebra + BIO 101 Intro. to Biology PED P.E. Elective Elective | 5 | I 109 Intermediate Writing I 113 College Trigonometry 102 Principles of Botany P.E. Elective Elective | 3 5 + 5 1 3 | MAT 1 | 01 Principles of Speech 14 Elementary Functions + 03 Principles of Zoology P.E. Elective | 3 5 5 |
| • | 17 | | 17 | | • | 14 |

| Quarter 4 | Quarter 5 | Quarter 6 |
|--|---|--|
| CHE 121 General 5 Chemistry 1 BIO 201 Population 5 and Community Biology PSY 113 General 3 Psychology 1* | Of English Literature II** CHE 122 General Chemistry II BIO 202 Cellular Biology PSY 114 General Psychology II* | LIT 218 Survey 3 of English Literature III** CHE 123 General 5 Chemistry III BIO 203 Cellular and 5 Developmental Biology PSY 115 General 3 Psychology III* |
| | 16 | 16 |

^{**}or another fine arts class

^{*}or another social science class

⁺ sequence may be replaced by MAT 201, 202, 203, Calculus I, II, III if student qualified for advanced placement.

BUSINESS

(Associate of Arts)

Year 1

| Quarter 1 | | | | Quarter 2 | | | | Quarter 3 | |
|---|-----|-----|-----|-------------------------------|----|-----|-----|-------------------------------|----|
| ENG 108 Basic Writing BUS 107 Introduction | 3 . | ENG | 109 | Intermediate Writing | .3 | SPE | 101 | Principles of Speech | 3 |
| to Business Approved Math | 15 | SEC | 162 | Intermediate Typewriting I | 3 | BUS | 101 | Principles of Accounting I | 4 |
| or Science | | | | or | | SEC | | Intermediate | 3 |
| SEC 161 Beginning Typewriting | 3 | SEC | 163 | Intermediate Typewriting II | | | | Typewriting II or Elective | |
| or | | | | Approved | 5 | PSY | | General | 3 |
| SEC 162 Intermediate | | | | Math or | | | | Psychology III ⁴ | • |
| Typewriting I | | | | Science | | PED | | P.E. Elective | ì |
| PSY 113 General Psychology I* | 3 | PSY | 114 | General Psychology II* | 3 | | | | • |
| PED P.E. Elective | 1 | | | Approved Humanities | 3 | | | _ | |
| | 19 | | | - | 17 | | | · - | 14 |

Year 2

| Quarter 4 | | | Quarter 5 | | | Quarter 6 | |
|--|----|---------|----------------------------|--------|---------|--------------------------|----|
| BUS 102 Principles of Accounting II | 4 | BUS 112 | Business Law II | 3 | BUS 115 | Business Law III | 3 |
| BUS 111 Business Law I | 3 | | Economics II Principles of | 3 4 | ECO 103 | Economics III Approved | 3 |
| ECO 101 Economics I Approved | 3 | | Accounting III Approved | 6 | MAT 12/ | Humanities | |
| Humanities | | | Electives | D | MAI 130 | Elementary Statistics |) |
| PED P.E. Elective | 1 | • | | | | Approved Elective | 3 |
| | 14 | | | 16 | | | 17 |

Approved Humanities is any course listed in the catalog under the Humanities section with a course number of 101 or higher.

Approved Math/Science is any course listed in the catalog under the Math/Science section with a course number of 101 or higher.

The following courses will be accepted for approved electives:

Advanced Typewriting
Gregg Shorthand I, II, and III
Income Tax I
Intermediate Accounting
Business Computations II
Speed Dictation and Transcription
Humanities courses 101 and above
Math/Science courses 101 and above
Social Science courses 101 and above

^{*}or another social science class

CHEMISTRY OR PHYSICS

(Associate of Science)

Year 1

| | Quarter 1 | | | Quarter 2 | | | | Quarter 3 | |
|--------------------|------------------------------|----|---------|---------------------------|---------|-----|-----|---------------------------|----|
| ENG 108 MAT 112 | | 3 | ENG 109 | Intermediate Writing | 3 | SPE | | Principles of Speech | 3 |
| CHE 121 | Algebra + General | 5 | MAT 113 | College Trigonometry | 5 /+ | MAT | 114 | Elementary Functions + | 5 |
| PED | Chemistry I P.E. Elective | 1 | CHE 122 | General Chemistry II | 5 | СНЕ | | General Chemistry III | 5 |
| | Elective | 3 | PED | P.E. Elective Elective | 1 3 | PED | | P.E. Elective | 1 |
| | | 17 | | | 17 | | | • | 14 |
| | | | | . . | | | | | |

| Quarter 4 | | | | Quarter 5 | | Quarter 6 | | | | |
|-----------|---|----|-----|-----------|-----------------------------------|-----------|-----|-----|---|----|
| LIT 2 | 16 Survey of English Literature I** | 3 | LIT | 217 | Survey of English Literature []** | 3 | LIT | | Survey of English Literature III* | 3 |
| MAT 2 | Ol Calculus I | 5 | MAT | 202 | Calculus II | 5 | MAT | 203 | Calculus III | 5 |
| PSY 1 | 13 General Psychology I* | 3 | PSY | 114 | General Psychology II* | 3 | | 115 | General Psychology III | 3 |
| PHY 10 | 94 General Physics I | 5 | PHY | 105 | General Physics II | 5 | PHY | 106 | General Physics III | 5 |
| | | 16 | | | I | 16 | | | | 16 |

^{**}or another fine arts class

^{*}or another social science class

⁺ sequence may be replaced by MAT 201, 202, 203, Calculus I, II and II if student qualified for advanced placement in math.

HISTORY (Associate of Arts)

Year 1

Quarter 2

Quarter 3

| | Basic Writing | 3 | ENG | 109 | Intermediate | 3 | SPE | 101 | Principles | 3 |
|---------|----------------|-------|------|-----|-----------------|----------|-----|-----|------------------|----|
| SUC 104 | Principles of | , | | | Writing | _ | | | of Speech | |
| | Sociology I | | SOC | 105 | Principles of | 3 | SOC | 106 | Social | 3 |
| HIS 103 | Western | 3 | | | Sociology II | | | | Problems | |
| | Civilization I | | HIS | 104 | Western | 3 | HIS | 105 | Western | 3 |
| SCI 114 | Introduction | 5 | | | Civilization II | | | | Civilization III | |
| | to Physical | 4, 4, | SCI | 115 | Introduction | 5 | SCI | 116 | Introduction | 5 |
| | Science | | | | to Physical | > | | | to Physical | |
| PED | P.E. Elective | 1 | | | Science II | | | | Science III | |
| | | | PED | | P.E. Elective | 1 | PED | | P.E. Elective | ı |
| | | 15 | | | | 15 | | | _ | 15 |
| | | 1.5 | | | | 13 | | | | 13 |
| | | | | | | | | | | |
| | | | | | Year 2 | | | | | |
| | | | | | | | | | and the | |
| | Ouarter 4 | | | | Ouarter 5 | | | | Ouarter 6 | |
| | Quarter 4 | | | | Quarter | | | | Quarter | |
| LIT 216 | Ć.i | 3 | I IT | 217 | 5 | • | | | C. | _ |
| L11 210 | Survey | 3 | LII | | Survey | 3 | LIT | | Survey | 3 |
| | of English | | | | of English | | | | of English | |
| | Literature I | | 2222 | | Literature II | | | | Literature III | ٠. |
| HIS 201 | - : | 3 | HIS | | | 3 | HIS | | | 3 |
| | History I | | | | History II | , | | | History III | |
| MAT 130 | Elementary | 5 | HIS | 275 | Special | 6 | ANT | 121 | Anthropology | 5 |
| | Statistics | | | | Studies in | | SPA | 103 | Spanish III* | 5 |
| SPA 101 | Spanish I* | 5 | | | History | | | | | |
| | | | | | | | | | | |
| | Elective | _ 2 | SPA | 102 | Spanish II* | 5 | | | | |
| | Elective | | SPA | 102 | Spanish II* | <u>5</u> | | | _ | 16 |

^{*}or another social science class

Quarter 1

JOURNALISM (Associate of Arts)

| MAT 101 College 5 JOU 122 Advanced 4 JOU 123 Feat Mathematics Newswriting 8 In-E SCI 114 Introduction 5 SEC 161 Typewriting 3 Writ to Physical Science I SEC 162 Intermediate ANT 121 Antl PED P.E. Elective 1 Typewriting 19 SCI 116 Introduction 5 to Physical Science II PED P.E. Elective 1 Practicum Problematics Problemat | Quarter 2 Quarter | 3 |
|--|--|-------|
| MAT 101 College Mathematics Mathematics Mathematics Mathematics Mathematics Mathematics Mathematics SCI 114 Introduction to Physical Science I SEC 161 Typewriting 3 Writ New Science I PED P.E. Elective 1 Typewriting I)* SCI 115 Introduction 5 to Physical Science II PED P.E. Elective 1 PED P.E. Ele | - U. B. 101 I inciples | |
| SCI 114 Introduction to Physical Science I SEC 162 Intermediate ANT 121 Anti New SCI 115 Introduction 5 to Physical Science II PED P.E. Elective 1 Typewriting I)* SCI 116 Introduction 5 to Physical Science II PED P.E. Elective 1 Practicum Practicum Practicum Practicum Elective 3 Sociology II*** Elective 3 Elective 3 Elective 3 Elective 3 Elective 3 Elective 3 | 5 JOU 122 Advanced 4 JOU 123 Feature & | |
| Science I PED P.E. Elective 1 PED P.E. Elective 1 SCI 115 Introduction 5 to Physical Science II PED P.E. Elective 1 PED P.E. Elective 3 PED P.E. Elective 3 Elective 3 Elective 3 Elective 3 Elective 3 | 5 SEC 161 Typewriting 3 Writing for | |
| PED P.E. Elective 1 Typewriting I)* SCI 116 Introduction 5 to Physical Science II PED P.E. Elective 1 PED P.E. Elective 1 PED P.E. PED P.E. Elective 1 PED P.E. Elective 1 PED P.E. | SEC 162 Intermediate ANT 121 Anthropo | |
| SCI 115 Introduction 5 to Physical Science II PED P.E. Elective 1 PED P.E. Vear 2 Quarter 4 Quarter 5 Quarter 5 Quarter 5 Quarter 4 Quarter 5 Q | Typewriting I)* SCI 116 Introducti | |
| PED P.E. Elective 1 PED P.E. Year 2 Quarter 4 Quarter 5 Practicum Problem Practicum Practicum Practicum Practicum Practicum Problem Practicum Practicum Practicum Practicum Practicum Problem Practicum P | SCI 115 Introduction 5 to Physical Science III | ıl |
| Vear 2 Quarter 4 Quarter 5 Practicum Practicu | | ive 1 |
| Quarter 4 Quarter 5 Practicum Problem SOC 106 Social Problem Probl | | 17 |
| JOU 221 Journalism 2 Practicum Practicum JOU 225 Introduction 3 BUS 292 Advertising 3 MAT 130 Element to Photography HUM202 Coordinated 3 Humanities II** HUM203 Coordinated 3 Humanities II** HUM2 | Year 2 | |
| Practicum JOU 225 Introduction 3 to Photography HUM201 Coordinated 3 Humanities I** LIT 225 Survey of 3 American Literature I SOC 105 Principles of 3 Sociology I*** Elective 3 | Quarter 5 Quarter 6 | 5 |
| JOU 225 Introduction 3 to Photography HUM201 Coordinated 3 Humanities I** LIT 225 Survey of 3 American Literature I SOC 105 Principles of 3 Sociology I*** Elective 3 | 2 JOU 223 JOHNSHISH | 2 |
| to Photography HUM201 Coordinated 3 Humanities I** LIT 225 Survey of 3 American Literature I SOC 104 Principles of 3 Sociology I*** Elective 3 | 1 racticum | v 5 |
| HUM 201 Coordinated 3 Humanities II** HUM 203 Coord Humanities II** LIT 226 Survey of 3 American Literature II SOC 105 Principles of 3 Sociology II*** Elective 3 Elective 3 | | , , |
| Humanities I** LIT 226 Survey of 3 American Literature II SOC 104 Principles of 3 Sociology I*** Elective 3 Elective 3 | 3 HumanitiesII** HUM203 Coordinate | ed 3 |
| American Literature II Proble Literature I SOC 105 Principles of 3 Elective SOC 104 Principles of 3 Sociology II*** Sociology I*** Elective 3 Elective 3 | LIT 226 Survey of 3 Humanities | |
| Literature I SOC 105 Principles of 3 Elective SOC 104 Principles of 3 Sociology II*** Sociology I*** Elective 3 Elective 3 | 3 American SOC 106 Social | 3 |
| SOC 104 Principles of 3 Sociology II*** Sociology I*** Elective 3 Elective 3 | | • |
| Sociology I*** Elective 3 Elective 3 | | 3 |
| Elective 3 | | |
| | 2.002,0 | |
| 17 17 | | |
| | 17 | 16 |

^{*}or Chemistry

^{**}or another fine arts class

^{***} or Psychology, Economics, U.S. History, Political Science, Western Civilization

LITERATURE (Associate of Arts)

| Quarter 1 | | | Quarter 2 | | | Quarter 3 | |
|---|------------|--|---|---------------|-------------------|--|---------------|
| ENG 108 Basic Writing | 3 E | | Intermediate Writing | 3 | SPE 101 | Principles of Speech | 3 |
| to Poetry | • | JT 145 | Introduction | 4 | LIT 150 | Introduction | 4 |
| MAT 101 College | 5 | | to Fiction | | | to Drama | |
| Mathematics | _ | | Survey of | 3 | LIT 226 | | 3 |
| SCI 114 Introduction | 5 | | American | | | American | |
| to Physical | ^ | | Literature I | _ | 00T 116 | Literature II Introduction : | 5 |
| Science I PED P.E. Elective | 1 | | Introduction to Physical | 5 | SCI 116 | to Physical | , |
| PED F.E. Elective | 1 | | Science II | | | Science III | |
| | p | | P.E. Elective | 1 | PED | | 1 |
| | 18 | | _ | <u></u> 16 | | 10 | <u>-</u> 6 |
| • | | | | | | • | • |
| | | , | Year 2 | | | | |
| | | | Quarter 5 | | | Ouarter 6 | |
| Quarter 4 | | | Quarter 5 | | | | |
| Quarter 4 HIS 201 U.S. | 3 F | HIS 202 | | 3 | HIS 203 | • | 3 |
| • | 3 F | HIS 202 | | 3 | HIS 203 | • | 3 |
| HIS 201 U.S. | | HIS 202 | U.S. History II** Survey of | 3 | | U.S. History III** Survey of | 3 |
| HIS 201 U.S. History I** LIT 216 Survey of English | | HIS 202 | U.S. History H** Survey of English | | | U.S. History III** Survey of English | - |
| HIS 201 U.S. History I** LIT 216 Survey of English Literature I | 3 L | HIS 202 | U.S. History II** Survey of English Literature II | 3 | LIT 217 | U.S. History III** Survey of English Literature III | 3 |
| HIS 201 U.S. History I** LIT 216 Survey of English Literature I HUM 201 Coordinated | 3 L | HIS 202 HT 217 HUM202 | U.S. History II** Survey of English Literature II Coordinated | | LIT 217 | U.S. History III** Survey of English Literature III Coordinated | - |
| HIS 201 U.S. History I** LIT 216 Survey of English Literature I HUM 201 Coordinated Humanities I | 3 L | HIS 202 HT 217 HUM202 | U.S. History II** Survey of English Literature II Coordinated Humanities II | 3 | LIT 217 HUM203 | U.S. History III** Survey of English Literature III Coordinated Humanities III | 3 |
| HIS 201 U.S. History I** LIT 216 Survey of English Literature I HUM 201 Coordinated Humanities I PSY 113 General | 3 L 3 F | HIS 202 HT 217 HUM202 | U.S. History II** Survey of English Literature II Coordinated Humanities II General | 3 | LIT 217 | U.S. History III** Survey of English Literature III Coordinated Humanities III General | 3 |
| HIS 201 U.S. History I** LIT 216 Survey of English Literature I HUM 201 Coordinated Humanities I PSY 113 General Psychology I*** | 3 L 3 F | HIS 202 HT 217 HUM202 PSY 114 | U.S. History II** Survey of English Literature II Coordinated Humanities II General Psychology II* | 3 3 3 | LIT 217 HUM203 | U.S. History III** Survey of English Literature III Coordinated Humanities III General Psychology | 3 |
| HIS 201 U.S. History I** LIT 216 Survey of English Literature I HUM 201 Coordinated Humanities I PSY 113 General | 3 L 3 F | HIS 202 HT 217 HUM202 PSY 114 | U.S. History II** Survey of English Literature II Coordinated Humanities II General | 3 | LIT 217 HUM203 | U.S. History III** Survey of English Literature III Coordinated Humanities III General Psychology III*** | 3 |
| HIS 201 U.S. History I** LIT 216 Survey of English Literature I HUM201 Coordinated Humanities I PSY 113 General Psychology I*** Elective | 3 L 3 F | HIS 202 HT 217 HUM202 PSY 114 | U.S. History 11** Survey of English Literature 11 Coordinated Humanities 11 General Psychology 11* Elective | 3 3 3 | LIT 217 HUM203 | U.S. History III** Survey of English Literature III Coordinated Humanities III General Psychology III*** | 3 3 6 |

^{*}or Biology

^{**}or Western Civilization

^{***}or Sociology, Economics

MATHEMATICS

(Associate of Science)

| Quarter 1 | | | Quarter 2 | | | Quarter 3 | |
|---|--------|---------|--|------------|---------|-----------------------------------|-----|
| ENG 108 Basic Writing MAT 112 College | 3 5 | | 9 Intermediate Writing | 3 | SPE 10 | Principles of Speech | 3 |
| Algebra + CHE 121 General | 5 | | 3 College Trigonometry | | | 4 Elementary Functions + | 5 |
| Chemistry + + PED P.E. Elective Elective | 1 | CHE 12 | 2 General Chemistry II + + | 5 | CHE 12 | 3 General Chemistry III + + | 5 |
| · - | | PED | P.B. Elective Elective | 1 3 | PED | P.E. Elective | 1 3 |
| | 17 | | | 17 | | | 17 |
| | | | Year 2 | | | | |
| Quarter 4 | | | Quarter 5 | | | Quarter 6 | |
| LIT 216 Survey of English Literature I* | 3 | LIT 217 | Survey of English Literature II* | 3 | LIT 218 | Survey of English Literature III | 3 |
| | 5 | MAT 202 | Calculus II | 5 | MAT 203 | Calculus III | 5 |
| | 3 | PSY 114 | General | 3 | PSY 115 | | 3 |
| Psychology I** | | | Psychology II* | + . | | Psychology II. | - |
| Elective | 3 | | Elective | 3 | | Elective | 3 |
| | | MAT 275 | Special | 2 | MAT 275 | | 2 |
| | | | Studies | | | Studies | _ |
| _ | | | in Math | | | in Math | |
| 1. | 4 | | _ | 16 | | . • | 16 |

or another fine arts class

^{**}or another social science class

⁺ sequence may be replaced by MAT 201, 202, 203; Calculus I, II, III if student qualifies for advanced placement in math. Additional higher math courses will be offered on demand.

^{+ +} or PHY 104, 105, 106; General Physics 1, II, and III. This is a highly recommended elective.

SOCIAL SCIENCES

Psychology, Sociology, or Economics (Associate of Arts)

Year I

| Quarter I | | | | Quarter 2 | | | | Quarter 3 | |
|---|---------|-------|--------------------------|---|-----|------------|------------|---|-----|
| ENG 108 Basic Writing PSY 113 General | 3. 3 | ENG : | | Intermediate Writing | 3 | SPE | 101 | Principles of Speech | 3 |
| Psychology I | | PSY : | 1 t4 | General | 3 | PSY | 115 | General | 3 |
| SOC 104 Principles of | 3 | | | Psychology II | | | | Psychology III | |
| Sociology I | _ | SOC 1 | | Principles of | 3 | SOC | 106 | Social | 3 |
| SCI 114 Introduction | 5 | SCL | | Sociology II Introduction | 5 | SCI | 116 | Problems Introduction | 5 |
| to Physical Science I | | SCI | | to Physical | 3 | 3CI | 110 | to Physical | J |
| PED P.E. Elective | 1 | | | Science II | | | | Science III | |
| 1 LD 1.L. Dividire | • | PED | | P.E. Elective | ī | PED | | P.E. Elective | ŧ |
| | | | | Approved | 3 | | | | |
| <u>-</u> | | | | Elective | | | | _ | |
| | 15 | | | | 18 | | | | 15 |
| | | | | Year 2 | | | | | |
| .* | | | | | | | | | |
| Quarter 4 | | | | Quarter 5 | | | | Quarter 6 | |
| Quarter 4 LIT 216 Survey | 3 | LIT 2 | | Quarter 5 Survey | 3 | LIT | 218 | Quarter 6 Survey | 3 |
| • | 3 | LIT : | 217 | | 3 | LIT | 218 | | 3 |
| LIT 216 Survey of English Literature I | - | | 217 | Survey of English Literature II | _ | | | Survey of English Literature III | _ |
| LIT 216 Survey of English Literature I ECO 101 Economics I | 3 | ECO I | 217 102 | Survey of English Literature II Economics H | 3 | ECO | 103 | Survey of English Literature III Economics III | 3 |
| LIT 216 Survey of English Literature I ECO 101 Economics I HIS 103 Western | - | ECO I | 217 102 104 | Survey of English Literature II Economics H Western | _ | ECO | 103 | Survey of English Literature III Economics III Western | 3 |
| LIT 216 Survey of English Literature I ECO 101 Economics I HIS 103 Western Civilization I | 3 | ECO I | 217 102 104 | Survey of English Literature II Economics H Western Civilization II | 3 | ECO HIS | 103 104 | Survey of English Literature III Economics III Western Civilization III | 3 |
| of English Literature I ECO 101 Economics I HIS 103 Western Civilization I MAT 130 Elementary | 3 | ECO I | 217 102 104 275 | Survey of English Literature II Economics H Western | 3 | ECO HIS | 103 104 | Survey of English Literature III Economics III Western | 3 |
| of English Literature I ECO 101 Economics I HIS 103 Western Civilization I MAT 130 Elementary Statistics | 3 | ECO I | 217 102 104 275 | Survey of English Literature II Economics H Western Civilization II Special | 3 | ECO HIS | 103 104 | Survey of English Literature III Economics III Western Civilization III Special | 3 |
| of English Literature I ECO 101 Economics I HIS 103 Western Civilization I MAT 130 Elementary | 3 3 5 | ECO I | 217 102 104 275 | Survey of English Literature II Economics H Western Civilization II Special Studies in | 3 | ECO HIS | 103 104 | Survey of English Literature III Economics III Western Civilization III Special Studies in | 3 |
| of English Literature I ECO 101 Economics I HIS 103 Western Civilization I MAT 130 Elementary Statistics Approved | 3 3 5 | ECO I | 217 102 104 275 | Survey of English Literature II Economics H Western Civilization II Special Studies in Social Science | 3 3 | ECO HIS | 103 104 | Survey of English Literature III Economics III Western Civilization III Special Studies in Social Science | 3 3 |

SPANISH (Associate of Arts)

| | Quarter 1 | | | | Quarter 2 | | | | Quarter 3 | |
|--------|------------------------------------|-----|-------|-----|-----------------------------|-----|-----|-----|-------------------------------|----|
| | 108 Basic Writing 101 Spanish I | 3 3 | ENG | 10 | 9 Intermediate Writing | 3 | SPE | 10 | Principles of Speech | 3 |
| | 113 General | 3 | SPA | 10 | 2 Spanish II | 5 | SPA | -10 | 3 Spanish III | 5 |
| | Psychology I | | | | 4 General | 3 | | | 5 General | 3 |
| SCI | 114 Introduction | 5 | | | Psychology I | 1 | | | Psychology I | _ |
| | to Physical Science I | | \$CI | 11; | Introduction to Physical | 5 | SCI | 110 | 5 Introduction to Physical | |
| PED | P.E. Elective | ı | | | Science II | | | | Science III | |
| | | _ | PED | | P.E. Elective | I | PED | • | P.E. Elective | 1 |
| | | 17 | | | | 17 | | | - 1_1_1001170 | 17 |
| | | | | | | | | | | 1, |
| | | | | | Year 2 | | | | | |
| | Quarter 4 | | | | Quarter 5 | | | | Quarter 6 | |
| LIT 2 | 16 Survey | 3 | LIT | 217 | Survey | 3 | LIT | 218 | Survey | 3 |
| | of English | | | | of English | | | | of English | |
| CD A 3 | Literature I | _ | | | Literature II | | | | Literature III | |
| SYA D | 01 Advanced | 5 | SPA | 202 | Advanced | 5 | SPA | 203 | Advanced | 5 |
| MATI | Spanish I Ol College | 5 | 500 | | Spanish II | _ | | | Spanish III | |
| MINT I | Mathematics | 3 | SOC | IOS | Principles of | 3 | ANT | 125 | Mexico-An | 3 |
| SOC 10 | 04 Principles of | 3 | ENC: | 775 | Sociology II Special | , | 600 | | Overview | _ |
| 500 1 | Sociology I | J | ERQ , | 413 | Studies in | 4 | SOC | | Social | 3 |
| | - voiviogj 1 | | | | Communication | me | | | Problems | |
| | | | | | & Arts** | MIZ | | | | |
| | - | 16 | | | walls - | | | | - | _ |
| | | 10 | | | | 15 | | | | 14 |

^{*}Special Studies in Communications could be developed into teacher-aide work in bi-lingual classroom.

PRE-PROFESSIONAL TRAINING

pre-dental

Basic requirements for admission to American schools and colleges of dentistry are more or less uniform; however, requirements stated in most dental school bulletins are minimal. In order to be competitive for admission, candidates must have broader credentials than the published requirements. Therefore, pre-dental candidates should complete the following basic science sequences:

Two full years of biology
Two full years of chemistry
One year of mathematics through
calculus (this may be accomplished
by placement examination)
One year of physics

In addition, all dental schools require one year of English composition (or equivalent by placement).

Since admissions committees favor broadly educated candidates, it is recommended that the above requirements be liberally supplemented with courses in the humanities and social sciences.

This program closely approximates premedicine requirements, providing candidates with a double option.

Exceptional students may complete predental requirements in two or three years; however, the current trend among the better schools is to seek out the superior student with a general education and baccalaureate degree.

pre-medical

Colleges of medicine select only students of outstanding undergraduate achievement, exceptional ability, and maturity. Most prefer that students concentrate in a natural sciences area along with training in humanities, social sciences, and related natural sciences. Students may select any major that fulfills the requirements of medical schools to which they intend to apply. Usual requirements are one year of

English, two years of chemistry, two years of biology, and one year of physics. Other requirements may include calculus, genetics, literature, or modern foreign language.

Because of the requirements stated above, most students elect an interdepartmental major in either physical or biological science. Chemistry, philosophy, and psychology are also frequent majors.

Although few medical schools require a degree, most require four years of undergraduate work. In exceptional cases, three-year students may be accepted. Students should not take undergraduate courses which are offered in medical school, since this denies them courses not available after they are out of undergraduate college.

pre-pharmacy

Colleges of pharmacy require five years for the bachelor's degree and certification. Pre-pharmacy students may complete the first two years at MCC by taking basic requirements in biology, chemistry, English, mathematics, and physics under the guidance of a faculty advisor.

pre-majors in engineering, education, general home economics, and other transfer areas

The requirements for these majors at Colorado four-year institutions are fairly specialized, and require a specially developed program of study during the Freshman and Sophomore years. If your plans call for a degree in any such field, talk with your advisor about developing a program for you designed to transfer to the University of Northern Colorado, Colorado State University, Colorado University, or other Colorado universities and colleges.

occupational studies division



GENERAL INFORMATION

The following curricula are vocational programs designed to prepare students with job entry skills. Each curriculum is displayed with recommended course offerings for each quarter, but the student is not required to enroll for the recommended course offerings each quarter in order to achieve normal progress in the program. Further, on-the-job training requirements are also displayed in recommended patterns, but students may enroll for O.J.T. in patterns that fit their need.

The following Occupational Degree Programs are approved for the determination of VA benefits to eligible veterans and other eligible persons:

A.A.S. - Automobile Body Technology (Cooperative Program)

A.A.S. - Automobile Mechanics Technology (Cooperative Program)

A.A.S. - Business Management

A.A.S. - Accounting

A.A.S. - Electronics Technology

A.A.S. - Secretarial Science

A.A.S. - Swine Technology (Cooperative Program)

Other vocational programs, for which VA benefits are not currently available, (approval pending) also have the above conditions. They are:

Certificate - Automobile Refinishing

Certificate - Automobile Mechanics

Certificate - Bookkeeping Clerk

Certificate - Clerk Typist

Certificate - Stenographer

Certificate - Construction Carpenter

Certificate - Construction Electrician

Certificate - Construction Welding

Certificate - L.P. Gas Operations

Certificate - Swine Production

This program does not and will not have VA approval.

A.A.S. - Law Enforcement Technology

AUTOMOBILE PROGRAMS

The Automobile Programs are designed to offer study and training in two major areas. The curricula are: 1) a two-year Associate of Applied Science degree program in Automobile Body Technology (program closes at the end of the 1980-81 school year); 2) a two-year certificate program in Automobile Refinishing and Major Repair (program closes at the end of the 1980-81 school year;) 3) a nine-month Certificate in Automobile Refinishing; 4) a two-year Associate of Applied Science degree program in Automobile Mechanics (program closes at the end of the 1980-81 school year); 5) a two-year Certificate program in Automobile Mechanics (program closes at the end of the 1980-81 school year); and 6) a nine-month Certificate in Automobile Mechanics. The following pages show these curricula.

In general, graduates of the three Automobile Body Programs will be prepared for jobs such as: auto body painter, frame repairman, and metal repairman. Graduates of the three Automobile Mechanics programs will be prepared for jobs such as: automobile mechanic, garage mechanic, service mechanic, and tune-up mechanic.

These programs are all offered in the late afternoon and evening hours. This allows for full or part-time employment during the day.

On-the-job training must be located in Colorado and on-the-job training sites must be approved by the instructor.



AUTOMOBILE BODY TECHNOLOGY

Associate of Applied Science Degree

| | Quarter I | | | Quarter II | | | Quarter III | • |
|---------|---------------------------|----------|---------|------------------------------|----|---------|------------------------|-----------|
| AUB 100 | Minor Body Repair | 12 | AUB 110 | Auto Painting I | 12 | AUB 120 | Auto Painting II | 12 |
| PSY 101 | Psychology of Work Hab | 3 its | PED 119 | First Aid | 3 | PSY 102 | Psychology of Employme | 3 ent_ |
| | | 15 | | | 15 | | | 15 |
| | Quarter IV | | | Quarter V | | | Quarter VI | |
| AUB 191 | On-the-job Training | 15 | AUB 220 | Glass, Trim and Servicing | 12 | AUB 200 | Major Body Repair I | 12 |
| | | | | On-the-job Training | 6 | AUB 191 | On-the-job Training | 6 |
| | | | COM 101 | Communica- tions I | 3 | | Communica- tions II | 3 |
| | | 15 | | | 21 | | | 21 |

Quarter VII

| AUB 210 | Major Body | 12 |
|---------|------------|----|
| | Repair II | |
| AUB 191 | On-the-job | 6 |
| | Training | |
| PSY 103 | Human | 4 |
| | Relations | |
| | | 22 |

TOTAL CREDITS 124

AUTOMOBILE REFINISHING AND MAJOR REPAIR

Certificate

| Quarter I | Quarter II | Quarter III |
|--|---------------------------------------|---------------------------------------|
| AUB 100 Minor Body 12 Repair | AUB 110 Auto 12 Painting I | AUB 120 Auto 12 Painting II |
| PSY 101 Psychology of 3 Work Habits | PED 119 First Aid 3 | PSY 102 Psychology of 3 Employment |
| 15 | 15 | 15 |
| Quarter IV | Quarter V | Quarter VI |
| AUB 191 On-the-job 15 Training | AUB 220 Glass, Trim 12 & Servicing | AUB 200 Major Body 12 Repair I |
| | AUB 191 On-the-job 6 Training | AUB 191 On-the-job 6 Training |
| 15 | 18 | 18 |
| Quarter VII | | |
| AUB 210 Major Body 12 Repair II | | |
| AUB 191 On-the-job 6 Training | | • |

114

18

TOTAL CREDITS

AUTOMOBILE REFINISHING Certificate

| Quarter I | | Quarter II | | Quarter III | | | |
|--|----|----------------------------------|----|---|----|--|--|
| AUB 100 Minor Body 15 Repair | | Auto Repair and Painting I | 15 | AUB 120 Auto Repair and Painting II | 15 | | |
| 15 | | | 15 | | 15 | | |
| Quarter IV | | | | · | | | |
| AUB 130 Glass, Trim 15 and Servicing 15 | | | | | | | |
| TOTAL CREDITS | 60 | | | | | | |

AUTOMOBILE MECHANICS TECHNOLOGY Associate of Applied Science Degree

| | Quarter I | | | Quarter II | | | Quarter III | |
|---------|--|---------------|--------------------|---|--------------|---------------------|--|----------------|
| PSY 101 | Suspensions, Steering & Service Psychology of | 12 3 15 | AUM 120 | Electrical & Fuel Systems First Aid | 12 | AUM 110 PSY 102 | Engine Tune-Up Psychology of Employme | 12 3 nt |
| | Quarter IV | | | Quarter V | | · | Quarter VI | |
| | On-the-job Training | 15 | AUM 191 Com 101 | Major Engine Overhaul On-the-job Training Communica- tions I | 12 6 3 | AUM 191 COM 102 COM | Fraining Communica- | e 12 6 3 |
| | - | 15 | | - | 21 | t | ions II | 21 |

Quarter VII

| AUM 21 | 5 Automatic | 9 |
|--------|---------------|----|
| | Transmissions | |
| AUM 19 | 1 On-the-job | 6 |
| | Training | |
| PSY 10 | 3 Human | 4 |
| | Relations | |
| | • | 10 |

TOTAL CREDITS 121

TOTAL CREDITS 111

AUTOMOBILE MECHANIC Certificate

| Quarter I | | Quarter II | | | Quarter III | |
|--|--------|--|---------|--------------------|--|-----------|
| AUM 140 Brakes, Suspensions, Steering and Service | 12 | AUM 120 Electrical & Fuel Systems PED 119 First Aid | 12 3 | AUM 110 PSY 102 | Engine Tune-Up Psychology of Employmer | 12 3 |
| PSY 101 Psychology of Work Habits | 3 | | | , | or Employate | |
| _ | 15 | | 15 | | · · · · · · · · · · · · · · · · · · · | 15 |
| Quarter IV | | Quarter V | | | Quarter VI | |
| AUM 191 On-the-job Training | 15 | AUM 200 Major Engine 1 Overhaul AUM 191 On-the-job Training | 12 6 | AUM 191 | Standard Drive Trains & Air Conditioning On-the-job Training | e 12 6 |
| - | 15 | 1 | 18 | | rraming - | 18 |
| Quarter VII | | | - | | | |
| AUM215 Automatic Transmissions | 9 | | | | | |
| AUM 191 On-the-job Training | 6 — | | | | | |

AUTOMOBILE MECHANICS Certificate

| Quarter 1 | | Quarter II | | Quarter III | |
|---|--------------|---|---|---|----|
| AUM 101 Safety, Brakes and Suspensions AUM 102 Engine Overhaul | 8 AUM 112 | Steering, Fuel and Emissions Systems Engine Overhaul II | | Electrical Systems and Emissions Standard Drive Train | 8 |
| 1 | _ | _ | 6 | <u> </u> | 16 |

Quarter IV

AUM 131 Tune-Up and 8 Troubleshooting AUM 132 Automatic 8 Transmissions

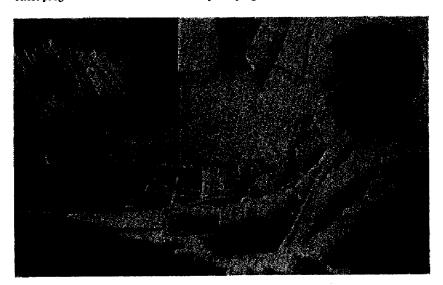
TOTAL CREDITS 64

BUSINESS PROGRAMS

The Business Programs are designed to offer a broad opportunity for study and specialization. The curricula are: 1) a two-year Associate of Applied Science degree program in Business Management; 2) a two-year Associate of Applied Science degree program in Accounting; and 3) a nine month Certificate program in Bookkeeping Clerk. The following pages show these curricula.

In general, graduates of the Business Management program will be prepared for jobs such as: supervisory assistant, department manager trainee, administrative assistant, chief clerk, and management staff. Graduates of the Accounting program will be prepared for jobs such as: billing clerk, bookkeeper, calculating machine operator, payroll/time clerk, accountant, head clerk trainee, and financial assistant. Graduates of the Bookkeeping Clerk program will be prepared for jobs such as: billing clerk, bookkeeper, calculating machine operator, and payroll/time clerk.

These programs are offered as full-time daytime programs as well as evening classes.



BUSINESS MANAGEMENT Associate of Applied Science Degree

| Quarter | · I | | Quarter II | | | Quarter III | |
|---|---------------|-------------|---------------------------------------|----|---------|---------------------------------------|----|
| BUS 135 Business Correspo English U | | BUS 13 | 6 Business Corresponder Style and Tor | | BUS 264 | Management | 3 |
| SEC 161 Beginnin Typewrit | g 3 | SEC 16 | 2 Intermediate Typewriting I | 3 | BUS 110 | Introduction to Data Processing | 2 |
| BUS 143 Business Computa | 3 itions l | BUS 14 | 4 Business Computation | 3 | BUS 102 | Principles of Accounting II | 4 |
| BUS 060 Business Leadersh | - | BUS 10 | Principles of Accounting I | 4 | SPE 101 | Principles of Speech | 3 |
| Developm BUS 107 Introduct | ion 4 | | 0 Money Management | 2 | BUS 292 | Advertising | 3 |
| to Busine BUS 100 Fundame of Accour | ntals 4 | BUS 116 | 6 Accounting Simulation | 3 | | | |
| | 18 | | | 18 | | - | 15 |
| Quarter | IV | | Quarter V | | | Quarter VI | |
| BUS 111 Business Law I | 3 | BUS 112 | Business Law II | 3 | PSY 103 | Human Relations | 4 |
| BUS 061 Business Leadershi | | BUS 262 | Business Management | 3 | BUS 115 | | 3 |
| Developm BUS 113 Income Ta | | 5 00 | & Organization | | BUS 129 | | 3 |
| BUS 103 Principles | | | Economics II | 3 | | of Insurance | |
| Accountin | g III | BUS 272 | Management | 3 | | Management Simulation | 3 |
| BUS 263 Principles of Finance | ; | PSY 112 | How to Deal with Stress | 2 | | | 3 |
| ECO 101 Economic | s i <u>3</u> | | _ | | | · _ | |
| | 18 | | • | 14 | | _ | 16 |
| TOTAL CREI | DITS | 99 | | | | | |

ACCOUNTING

Associate of Applied Science Degree

| | Quarter I | | | | Quarter II | | | | Quarter III | |
|---------|---|---------|------------|------------|---|------------------|------------|------------|---|----|
| BUS 135 | Business Correspondence | 3 e- | BUS | 136 | Business Correspondence | 3 :e- | BUS | 264 | Records Management | 3 |
| | English Usage | | | | Style & Tone | | PSY | 103 | Human | 4 |
| SEC 161 | Beginning | 3 | SEC | 162 | Intermediate | 3 | | | Relations | |
| | Typewriting | | | | Typewriting I | | BUS | 110 | Introduction | 2 |
| BUS 143 | Business | 3 | BUS | 144 | Business | 3 | | | to Data | |
| | Computations I | | | | Computations l | II | | - | Processing | |
| BUS 060 | Business | 1 | BUS | 101 | Principles of | 4 | BUS | 102 | Principles of | 4 |
| | Leadership | | | | Accounting I | | | | Accounting II | |
| | Development I | | BUS | 270 | Money | 2 | SPE | 101 | Principles | 3 |
| BUS 107 | Introduction | 4 | | | Management | | | | of Speech | |
| • | to Business | | BUS | 116 | Accounting | 3 | | | | |
| BUS 100 | Fundamentals | 4 | | | Simulation | | | | | |
| | of Account- | | | | | | | | | |
| | ing I | _ | | | _ | | | | | |
| | | 18 | | | 1 | 18 | | | | 16 |
| | | | | | | | | | | |
| | Quarter IV | | | | Quarter V | | | | Quarter VI | |
| BUS 111 | Business Law 1 | 3 | BUS | 112 | Business Law II | 3 | BUS | 115 | Business Law III | 3 |
| BUS 061 | | 1 | D110 | | | _ | | 120 | Principles | 3 |
| DOD 001 | | | BUS | 262 | Business | 3 | BUS | 149 | | |
| | | • | BOS | 262 | | 3 | BUS | 129 | of Insurance | |
| | Leadership | | BUS | 262 | Management | - | | | - | 3 |
| RUS 113 | Leadership Development II | | | | Management & Organization | - | ECO | 103 | of Insurance | 3 |
| | Leadership Development II Income Tax | L | ECO | 102 | Management & Organization Economics II | 1 | ECO | 103 | of Insurance Economics III | |
| | Leadership Development II Income Tax Principles of | 4 | ECO | 102 | Management & Organization | 1 3 | ECO BUS | 103 205 | of Insurance Economics III Cost | |
| BUS 103 | Leadership Development II Income Tax Principles of Accounting III | 4 | ECO PSY | 102 112 | Management & Organization Economics II How to Deal with Stress | 1 3 | ECO BUS | 103 205 | of Insurance Economics III Cost Accounting | 5 |
| BUS 103 | Leadership Development II Income Tax Principles of Accounting III Principles | 4 | ECO PSY | 102 112 | Management & Organization Economics II How to Deal with Stress Intermediate | 1 3 2 | ECO BUS | 103 205 | of Insurance Economics III Cost Accounting Cost | 5 |
| BUS 103 | Leadership Development II Income Tax Principles of Accounting III Principles of Finance | 4 4 3 | ECO PSY | 102 112 | Management & Organization Economics II How to Deal with Stress | 1 3 2 | ECO BUS | 103 205 | of Insurance Economics III Cost Accounting Cost Accounting | 5 |
| BUS 103 | Leadership Development II Income Tax Principles of Accounting III Principles of Finance Economics I | 4 4 3 3 | ECO PSY | 102 112 | Management & Organization Economics II How to Deal with Stress Intermediate | 1 3 2 5 | ECO BUS | 103 205 | of Insurance Economics III Cost Accounting Cost Accounting | 3 |
| BUS 103 | Leadership Development II Income Tax Principles of Accounting III Principles of Finance Economics I | 4 4 3 | ECO PSY | 102 112 | Management & Organization Economics II How to Deal with Stress Intermediate | 1 3 2 | ECO BUS | 103 205 | of Insurance Economics III Cost Accounting Cost Accounting | 5 |

BOOKKEEPING CLERK Certificate

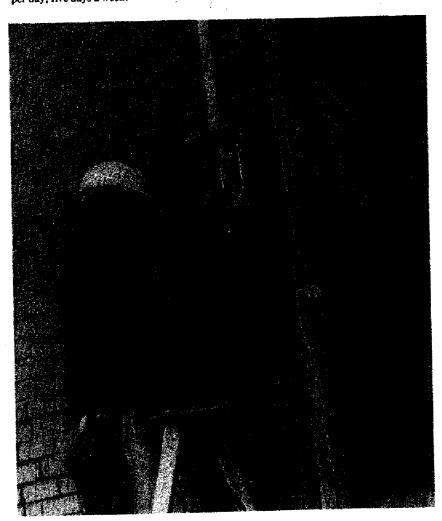
| | | Quarter I | | | | Quarter II | | | | Quarter III | |
|-----|-----|---|---|-----|-----|--|----------|-----|-----|---------------------------------------|-----|
| BUS | 135 | Business Correspondence English Usage | 3 | BUS | 136 | Business Correspondence Style & Tone | 3 ce- | BUS | 104 | Fundamentals of Account- ing II | s 3 |
| SEC | 161 | Beginning Typewriting | 3 | SEC | 162 | Intermediate Typewriting I | 3 | BUS | 264 | Records Management | ,3 |
| BUS | 143 | Business Computations I | 3 | BUS | 144 | Business Computations | 3 [] | PSY | 103 | Human Relations | 4 |
| BUS | 060 | Business Leadership Development I | 1 | BUS | 100 | Fundamentals of Account- ing I | 4 | BUS | 110 | Introduction to Data Processing | 2 |
| BUS | 107 | Introduction to Business | 4 | BUS | 270 | Money Management | 2 | BUS | | Principles of Insurance | 3 |
| BUS | 111 | Business Law I | 3 | BUS | 112 | Business Law II | 3 | BUS | | Bookkeeping Simulation | 3 |
| | | | 7 | | | | 18 | | | | 18 |
| | то | TAL CREDITS | | 53 | | | | | | | |

CONSTRUCTION TRADES

The Construction Trades programs are designed to offer study in three areas. The curricula are: 1) a six month Certificate in Construction Carpenter; 2) a six month Certificate in Construction Electrician; and, 3) a six month Certificate in Construction Welder. These programs complete in the early spring of each year to provide optimum employment opportunities to the graduates. The following pages show these curricula.

In general, graduates of the Construction Carpenter program will be prepared for jobs such as: carpenter's helper and carpenter. Graduates of the Construction Electrician program will be prepared for jobs such as electrician's helper and electrician (State license exams may be taken only after the required amount of work experience is obtained). Graduates of the Construction Welder program will be prepared for jobs such as welder's helper and welder.

These programs are intensive full-time daytime programs and are scheduled for eight hours per day, five days a week.



CONSTRUCTION CARPENTER Certificate

| Quarter I | | Quart | er II | Quarter III |
|--|---------|---|--------|--|
| CRP 101 Tools, Materials, and Job Sites LRC 040 Basic Skills I | 3 18 | CRP 102 Foundar Floors Framin LRC 041 Basic Skills II | & Wall | CRP 103 Roof Framing, 15 Exterior Finishes and Trim PED 119 First Aid 3 18 |

Quarter IV

CRP 104 Interior 15
Trim and
Finish
PSY 102 Psychology 3
of Employment
18

TOTAL CREDITS

72

CONSTRUCTION ELECTRICIAN Certificate

| Quarter I | | | Quarter II | | | Quarter I | II: |
|--|----------------|---------|------------------------|----|-----|----------------------------|---------|
| ELC 101 Basic Electricity an | 15 id | ELC 102 | Commercial Wiring I | 15 | ELC | 103 Commercia Wiring II | ıl⊹ 15° |
| Residential Wiring | | LRC 041 | | 3 | PED | 119 First Aid | 3: |
| LRC 040 Basic Skills I | 3 | | | | | ٠ | |
| | 18 | | | 18 | | | 18 |
| Quarter | IV | | | | | | |
| ELC 104 Power Supplies, Transformer and Motor Controls | 15 s | | | | | | |
| PSY 102 Psychology of Employme | 3 ent 18 | | | | | | |
| TOTAL CREDI | TS | 72 | - | | | | |

CONSTRUCTION WELDER Certificate

| Quarter I | 1 | Quarter II | | Quarter III |
|---|---------|---|----|--|
| WLD 111 Oxyacetylene and Basic Shielded Metal Arc Welding LRC 040 Basic Skills I | 3 | Advanced Shielded Metal Arc Welding— Structural and Pipe | | Gas Tungston 18 Arc Welding — Structural and Pipe |
| A to | LRC 04i | | 3 | • |
| | 8 | Skills II | 18 | 18 |
| Quarter IV | | | | - (1) - (1) |
| WLD 114 Gas Metal 1 Arc Welding— Structural and Pipe | 8. | | | |

TOTAL CREDITS

ELECTRONICS TECHNOLOGY PROGRAM

The Electronics Technology program is a basic and thorough coverage of fundamental theory with an emphasis in digital, logic circuit, and computer applications. The curriculum is a two-year Associate of Applied Science degree program in Electronics Technology.

In general, graduates of the Electronics Technology program will be prepared for jobs such as: electronics technician, industrial control technician, field technician, service technician, and production repair/control technician.

This program is offered in the late afternoon and evening hours. This allows for full or part-time employment during the day.



ELECTRONICS TECHNOLOGY

Associate of Applied Science Degree

| Quarter I | | Quarter | II | | Quarter III | |
|--|--------------|---|------------------|---------|---|----------------|
| ELE 101 Circuits MAT 053 Elementary Algebra ELE 106 Soldering and Circuit Repair | 10 5 2 | ELE 102 Circuits & Semicond ELE 104 Mathemat for Techn | uctors tics 6 | PSY 103 | Semiconducto Circuits Human Relations First Aid | or10 4 3 |
| | 17 | • | 16 | | | 17 |
| Quarter IV | | Quarter \ | v | | Quarter VI | |
| ELE 201 Logic Circuits COM 101 Communications I ELE 250 Boolean | 10 3 3 | ELE 202 Advanced Logic Circ COM 102 Communic tions 11 | uits ca- 3 | | Application of Logic Circuits and Linear Devices | 10 |
| Algebra | .5 | ELE 210 Basic Microproce sors I | es- | | Basic Microproces- sors II | 3 |
| | _ | | | ELE 251 | | |
| TOTAL CREDITS | 16 | 98 | 16 | | _ | 16 |
| . O CREDITE | , | 70 | | | | |

L-P GAS PROGRAM

The L-P Gas program is designed to offer a broad coverage of the various jobs performed in a liquified petroleum wholesale/retail/service/operation. The curriculum is a seven month Certificate in L-P Gas Operations. This program completes in late August of each year to provide optimum employment opportunities to the graduates.

In general, graduates of the L-P Gas Operations program will be prepared for jobs such as: bulk delivery or cylinder delivery truck driver, bulk plant operator/repairman, equipment installer, and equipment serviceman.

This program is an intensive full-time daytime program and is scheduled for seven hours per day, five days a week.

L-P GAS OPERATIONS Certificate

| Quarter I | Quarter II | Quarter III |
|---|----------------------|---|
| LPG 100 L-P Basics 6 LPG 105 L-P Gauges & 7 Devices LPG 110 Vehicle Care 2 LRC 040 Basic Skills 1 3 | ERC VI BUSIC ORING 1 | & Installation 3 LPG 135 Regulators 9 & Pipe Installation |
| 18 | 1 | 8 18 |
| Quarter IV LPG 140 Safety & 6 Emergency Procedures LPG 150 Basic 9 Appliances PSY 102 Psychology of 3 Employment | | |
| 18 | | |
| TOTAL CREDITS | 72 | |

LAW ENFORCEMENT TECHNOLOGY*

The Law Enforcement Technology program is designed to upgrade and consolidate the professional skills of employed law enforcement officers. The curriculum is a two-year Associate of Applied Science degree program.

This program is unique in several ways.

- It is designed for employed law enforcement officers only, such as: city policemen, highway patrolmen, sheriff's office personnel, constables and the like.
- It is a consortium program within several Colorado community colleges and the requirements are common among them as well as all work being fully transferable between the colleges.
- A block of credits is awarded for the Colorado Law Enforcement Training Academy basic training that is completed by law enforcement officers.
- Credits are negotiated and awarded for previous in-service training that fall within the program's requirements and electives.
- Part-time enrollment is considered appropriate.

LAW ENFORCEMENT TECHNOLOGY

Associate of Applied Science Degre

| Associate of Applied Science Degree | |
|---|-----------------|
| Colorado Law Enforcement Training Academy | |
| Basic Training (awarded) | 27 Credit Hours |
| In-Service Training-Required | |
| Burglary and Robbery Investigation | 4 |
| Officer Surviyal | 4 |
| Crisis Intervention | 4 |
| Patrol Problems | 4 |
| Traffic Accident Investigation | 4 |
| Civil Liabilities | 8 |
| | _1 |
| | 25 Credit Hours |
| In-Service Training-Elective | 10 Credit Hours |
| • | |

This training may be from any recognized educational or law enforcement agency. Training must be documented as to content, length in hours, and successful completion. Negotiation for credit will be between the student and appropriate college officers.

^{*}Pending approval by the Colorado Commission on Higher Education, Fall, 1980.

| *Related Training-Required | |
|---|-------------------------------------|
| COM 101 Communications I COM 102 Communications II SPE 101 Principles of Speech MAT 050 Applied Mathematics MAT 053 Elementary Algebra | 3 3 3 3 4 16 |
| *Related Training-Elective Psychology (from current offerings) Sociology (from current offerings) Two from the following: SPA 070 Spanish for Police Officers JOU 225 Introduction to Photography SEC 161 Beginning Typewriting PED 119 First Aid | 9 6 6 7 21 Credit Hours |
| TOTAL CREDITS | 99 |

*These are M.C.C. courses only. See catalogs of other consortium institutions for specific course numbers and requirements.

SECRETARIAL SCIENCE PROGRAMS

The Secretarial Science programs are designed to offer a broad opportunity for study and specialization. The curricula are: 1) a two-year Associate of Applied Science degree program in Secretarial Science; 2) a nine month Certificate program in Clerk Typist; and, 3) a nine month Certificate in Stenographer. The following pages show these curricula.

In general, graduates of the Secretarial Science program will be prepared for jobs such as: secretary, clerk-typist, records/filing clerk, stenographer, and administrative secretary. Graduates of the Clerk Typist program will be prepared for jobs such as: secretary, clerk typist, and records/filing clerk. Graduates of the Stenographer program will be prepared for jobs such as: secretary, stenographer, and records/filing clerk.

These programs are offered as full-time daytime programs as well as evening classes.

SECRETARIAL SCIENCE

Associate of Applied Science Degree

| Quarter I | Quarter II | Quarter III |
|--|---|---|
| BUS 135 Business 3 Correspondence- | Correspondence- | 163 Intermediate 3 Typewriting II |
| English Usage SEC 161 Beginning . 3 | SEC 162 Intermediate 3 | 254 Secretarial 5 Procedures |
| Typewriting BUS 143 Business 3 | | 104 Fundamentals 3 |
| Computations I | BUS 144 Business 3 Computations II | of Account- ing II |
| BUS 060 Business 1 | • | 153 Gregg 5 |
| Leadership | of Account- | Shorthand III |
| Development I | | 170 Duplicating 1 |
| SEC 100 Secretarial 1 | SEC 152 Gregg 5 | Machines |
| Vocabulary | Shorthand II ENG | 106 College 1 |
| Skills | | Reading & |
| SEC 151 Gregg 5 | And the second second | Study Skills |
| Shorthand I | | et. |
| ENG 104 College 2 | • | 4. |
| Reading & | | |
| Study Skills | | · |
| | | |
| 18 | 18 | 18 |
| Quarter IV | 18 Quarter V | 18 Quarter VI |
| | Quarter V | Quarter VI 101 Principles 3 |
| Quarter IV SEC 164 Advanced 3 | Quarter V SEC 241 Speed 5 SPE Dictation & | Quarter VI |
| Quarter IV SEC 164 Advanced 3 Typewriting | Quarter V SEC 241 Speed 5 SPE Dictation & | Quarter VI 101 Principles 3 of Speech |
| Quarter IV SEC 164 Advanced 3 Typewriting SEC 240 Speed 5 | Quarter V SEC 241 Speed 5 SPE Dictation & Transcription II PSY SEC 245 Memory 2 | Quarter VI 101 Principles 3 of Speech 103 Human 4 |
| Quarter IV SEC 164 Advanced 3 Typewriting SEC 240 Speed 5 Dictation & | Quarter V SEC 241 Speed 5 SPE Dictation & Transcription II PSY SEC 245 Memory 2 | Quarter VI 101 Principles 3 of Speech 103 Human 4 Relations |
| Quarter IV SEC 164 Advanced 3 Typewriting SEC 240 Speed 5 Dictation & Transcription 1 BUS 111 Business 3 Law I | Quarter V SEC 241 Speed 5 SPE Dictation & Franscription II PSY SEC 245 Memory 2 Typewriter SEC BUS 112 Business 3 Law II BUS | Quarter VI 101 Principles 3 of Speech 103 Human 4 Relations 238 Machine 3 |
| Quarter IV SEC 164 Advanced 3 Typewriting SEC 240 Speed 5 Dictation & Transcription 1 BUS 111 Business 3 Law I BUS 061 Business 1 | Quarter V SEC 241 Speed 5 SPE Dictation & Franscription II PSY SEC 245 Memory 2 Typewriter SEC BUS 112 Business 3 Law II BUS BUS 262 Business 3 | Quarter VI 101 Principles 3 of Speech 103 Human 4 Relations 238 Machine 3 Transcription |
| Quarter IV SEC 164 Advanced 3 Typewriting SEC 240 Speed 5 Dictation & Transcription 1 BUS 111 Business 3 Law I BUS 061 Business 1 Leadership | Quarter V SEC 241 Speed 5 SPE Dictation & Franscription II PSY SEC 245 Memory 2 Typewriter SEC BUS 112 Business 3 Law II BUS BUS 262 Business 3 Management & BUS | Quarter VI 101 Principles 3 of Speech 103 Human 4 Relations 238 Machine 3 Transcription 264 Records 3 Management 115 Business 3 |
| Quarter IV SEC 164 Advanced 3 Typewriting SEC 240 Speed 5 Dictation & Transcription 1 BUS 111 Business 3 Law I BUS 061 Business 1 Leadership Development II | Quarter V SEC 241 Speed 5 SPE Dictation & Transcription II PSY SEC 245 Memory 2 Typewriter SEC BUS 112 Business 3 Law II BUS BUS 262 Business 3 Management & BUS Organization | Quarter VI 101 Principles 3 of Speech 103 Human 4 Relations 238 Machine 3 Transcription 264 Records 3 Management 115 Business 3 Law III |
| Quarter IV SEC 164 Advanced 3 Typewriting SEC 240 Speed 5 Dictation & Transcription 1 BUS 111 Business 3 Law I BUS 061 Business 1 Leadership | Quarter V SEC 241 Speed 5 SPE Dictation & Franscription II PSY SEC 245 Memory 2 Typewriter SEC BUS 112 Business 3 Law II BUS BUS 262 Business 3 Management & BUS Organization BUS 272 Office 3 BUS | Quarter VI 101 Principles 3 of Speech 103 Human 4 Relations 238 Machine 3 Transcription 264 Records 3 Management 115 Business 3 Law III 110 Introduction 2 |
| Quarter IV SEC 164 Advanced 3 Typewriting SEC 240 Speed 5 Dictation & Transcription 1 BUS 111 Business 3 Law I BUS 061 Business 1 Leadership Development II | SEC 241 Speed 5 SPE Dictation & Franscription II PSY SEC 245 Memory 2 Typewriter SEC BUS 112 Business 3 Law II BUS BUS 262 Business 3 Management & BUS Organization BUS 272 Office 3 BUS Management | Quarter VI 101 Principles 3 of Speech 103 Human 4 Relations 238 Machine 3 Transcription 264 Records 3 Management 115 Business 3 Law III 110 Introduction 2 to Data |
| Quarter IV SEC 164 Advanced 3 Typewriting SEC 240 Speed 5 Dictation & Transcription 1 BUS 111 Business 3 Law I BUS 061 Business 1 Leadership Development II | SEC 241 Speed 5 SPE Dictation & Franscription II PSY SEC 245 Memory 2 Typewriter SEC BUS 112 Business 3 Law II BUS BUS 262 Business 3 Management & BUS Organization BUS 272 Office 3 BUS Management PSY 112 How to Deal 2 | Quarter VI 101 Principles 3 of Speech 103 Human 4 Relations 238 Machine 3 Transcription 264 Records 3 Management 115 Business 3 Law III 110 Introduction 2 |
| Quarter IV SEC 164 Advanced 3 Typewriting SEC 240 Speed 5 Dictation & Transcription 1 BUS 111 Business 3 Law I BUS 061 Business 1 Leadership Development II | SEC 241 Speed 5 SPE Dictation & Franscription II PSY SEC 245 Memory 2 Typewriter SEC BUS 112 Business 3 Law II BUS BUS 262 Business 3 Management & BUS Organization BUS 272 Office 3 BUS Management | Quarter VI 101 Principles 3 of Speech 103 Human 4 Relations 238 Machine 3 Transcription 264 Records 3 Management 115 Business 3 Law III 110 Introduction 2 to Data |

TOTAL CREDITS

108

*PED 119-First Aid (3) ENG 107-Speed Reading (3) PSY 113-General Psychology (3) SOC 101-The Social Sciences (3)

Electives are selected with consent of the advisor.

CLERK TYPIST Certificate

| | | | Quarter I | | | | Quarter II | • | | | Quarter III | |
|---|-----|-----|---|----|------|-----|--------------------------------------|--------|-----|-----|---|--------|
| 1 | BUS | 135 | Business Correspondence English Usage | 3 | BUS | | Business Correspondence Style & Tone | 3 | | | Intermediate Typewriting II Secretarial | 3 5 |
| : | SEC | 161 | Beginning Typewriting | 3 | SEC | 162 | Intermediate Typewriting I | 3 | BUS | 104 | Procedures Fundamentals | 3 |
| j | BUS | 143 | Business Computations I | 3 | BUS | 144 | Business Computations I | 3 [| | | of Account- ing II | |
| 1 | BUS | 060 | Business Leadership | 1 | BUS | 100 | Fundamentals of Account- | 4 | | | Duplicating Machines | 1 |
| | | | Development I | 4 | DIIG | 270 | ing I Money | 2 | BUS | 264 | Records Management | 3 |
| | | | Introduction to Business | | | | Management | _ | SEC | 238 | Machine | 3 |
| | ENG | 104 | College Reading & Study Skills | 32 | PSY | 112 | How to Deal with Stress | 2 | | | Transcription | |
| | SEC | 100 | Secretarial Vocabulary | 1 | | | | | | | | |
| | | | Skills | 17 | | | -; | 17 | | | . • | 18 |

TOTAL CREDITS

STENOGRAPHER Certificate

| Quarter I | Quarter II | Quarter III |
|--|---|---|
| BUS 135 Business 3 Correspondence- English Usage | BUS 136 Business 3 Correspondence- Style & Tone | SEC 163 Intermediate 3 Typewriting II SEC 254 Secretarial 5 |
| SEC 161 Beginning 3 Typewriting | SEC 162 Intermediate 3 | Procedures |
| BUS 143 Business 3 | Typewriting I BUS 144 Business 3 | SEC 153 Gregg 5 Shorthand III |
| Computations I BUS 060 Business 1 | Computations II BUS 100 Fundamentals 4 | SEC 170 Duplicating 1 Machines |
| Leadership Development I | of Account- ing I | BUS 264 Records 3 Management |
| SEC 100 Secretarial 1 Voçabulary Skills | SEC 152 Gregg 5 Shorthand II | · · |
| SEC 151 Gregg 5 Shorthand 1 | | |
| ENG 104 College 2 | | |
| Reading & Study Skills | $(x,y) = (x,y)^{2} + \theta $ | |
| 18 | . 18 | . 17 |
| TOTAL CREDITS | 53 | |

SWINE PROGRAMS

The Swine programs are designed to allow students to pursue a course of study to meet their individual needs. The curricula are: 1) a two-year Associate of Applied Science degree program in Swine Technology, and, a nine month Certificate program in Swine Production. The following pages show these curricula.

In general, graduates of the Swine Technology program will be prepared for jobs such as: swine herdsman, swine farrower, swine nurseryman, swine finisher, swine marketer, and swine operations manager trainee. Graduates of the Swine Production program will be prepared for jobs such as: swine herdsman, swine farrower, swine nurseryman, and swine finisher.

These programs are offered as full-time daytime programs as well as evening classes.

On-the-job training can be located in Colorado or other states, and must be in swine production. All on-the-job training sites must be approved by the instructor. Two-year program students may find that their on-the-job training employers expect them to continue work during the summer months.

SWINE TECHNOLOGY Associate of Applied Science Degree

| | Quarter I (Fall) | | | Quarter II (Winter) | | | Quarter III (Spring) | |
|---------|--------------------------------------|----|---------|--------------------------------------|----|---------|-------------------------|----|
| SWM 100 | Farrowing & Nursery Procedures | 5 | SWM 105 | Growing & Finishing Procedures | 4 | SWM 191 | On-the-job Training | 18 |
| AGR 103 | | 2 | SWM 103 | Swine Diseases I | 3 | | | |
| AGR 130 | = = | 4 | SWM 135 | Swine Nutrition | 3 | | | |
| SWM 102 | Swine Selection | 2 | SWM 140 | Breeding & | 4 | | | |
| AGR 100 | Construction & Maintenance I | 2 | AGR 101 | Gestation Construction & | | | | |
| SWM 101 | Swine Anatomy and Physiology | | AGR 104 | Maintenance II O.J.T. Orientation | 1 | | | |
| | | 17 | | _ | 17 | | | 18 |

| | Quarter IV (Fall) | | | Quarter V (Winter) | | | Quarter VI (Spring) | |
|---------|--------------------------------------|----|---------|----------------------------|--------|---------|-----------------------------|---------|
| SWM 205 | Diseases II | 3 | | Production Management | 4 I | SWM 225 | Production Management | 3 [] |
| SWM 208 | Facilities & | 3 | | Agriculture Liability | 2 | PED 119 | | 3 3 |
| AGR 270 | Equipment Financial Management | 3 | AGR 260 | Marketing & | 3 | PSY 103 | Relations | 4 |
| COM 101 | Communica- tions I | 3 | COM 102 | Products Communications II | 3 | | Construction Maintenance | 111 |
| BUS 100 | Fundamentals of Account- | 4 | AGR 250 | Agriculture Accounting | 2 | AUK 240 | Commodity Futures | 2 |
| | ing I Elective* | _2 | | Elective** | 3 | | | |
| | | 18 | | · | 17 | | | 17 |

TOTAL CREDITS 104

Electives are selected with consent of the advisor.

TOTAL CREDITS

SWINE PRODUCTION Certificate

| Quarter I (Fall) | | | Quarter II (Winter) | | | Quarter III (Spring) | |
|--|---|---------|--------------------------------------|------------|---------|-------------------------|----|
| SWM 100 Farrowing & Nursery Procedures | 5 | SWM 105 | Growing & Finishing Procedures | 4 | SWM 191 | On-the-job Training | 18 |
| AGR 103 Disease Prevention | 2 | SWM 103 | | 3 | | 71 | |
| AGR 130 Basic Nutrition | 4 | SWM 135 | | 3 | | • | |
| SWM 102 Swine Selection | 2 | SWM 140 | | 4 | | | |
| AGR 100 Construction & Maintenance I | 2 | AGR 101 | Gestation Construction & | ት ን | | | |
| SWM 101 Swine Anatomy and | 2 | | Maintenance I | - | | | |
| Physiology | _ | | O.J.1. Orientation | | | _ | |
| 1 | 7 | | | 17 | | | 18 |

52

^{*}ENG 104, 105, 106 College Reading & Study Skills (Variable 1-3) MAT 021 Basic Math Skills (Variable 1-3)

^{**}SPE 101 Principles of Speech (3) OR ENG 107 Speed Reading (3)