

MORGAN COMMUNITY COLLEGE

1997 - 1999 CATALOG

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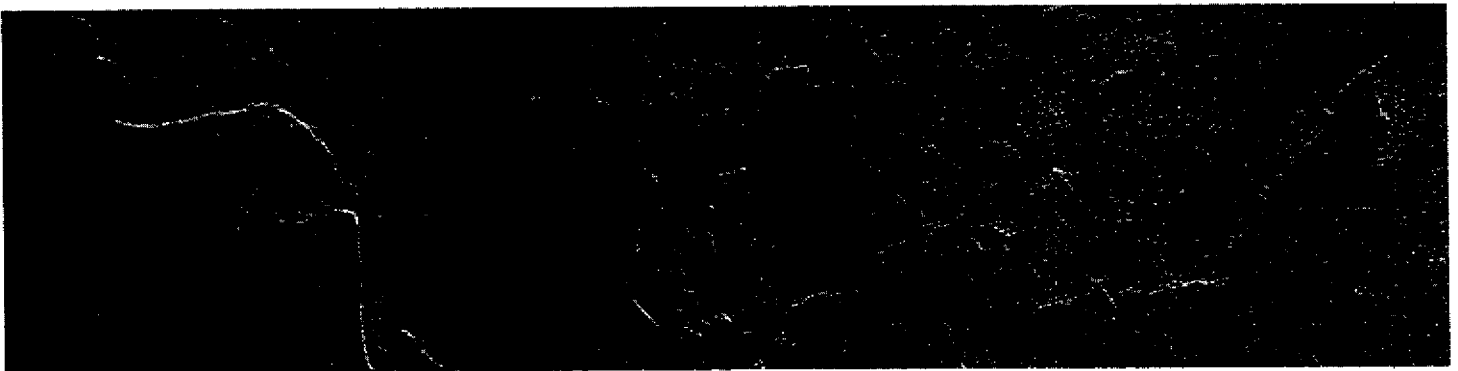
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GENERAL EDUCATION CORE TRANSFER PROGRAM

Morgan Community College offers degrees and certificates. The Associate of Arts and Associate of Science are transfer degrees, Associate of General Studies is a customized course of study much of which can be used for transfer, and the Associate of Applied Science degree which provides career skills and contains courses which will transfer. The AA, AS, and AGS degree is composed of four parts:

1. General Education Requirements

General education is intended to impart common knowledge. A block of classes known as the Colorado General Education Core Transfer Curriculum (CORE) is guaranteed to transfer to Colorado's four-year colleges or universities and fulfills lower division general education requirements. Students may choose to complete the CORE curriculum by itself and earn a certificate or as part of the Associate of Arts,

Associate of Science, or Associate of General Studies degrees. (In order to be accepted for transfer, a grade of "C" or better is required in each CORE class.)

2. Major Requirements

Courses to meet individual career goals and/or lower division baccalaureate degree requirements.

3. Morgan Community College Requirements

Degree requirements established by MCC faculty. Presently these are CIS115/118 or approved language class and a physical education class, 4 hours math and science for the AA & 12 hours math and science for the AS degrees.

4. Electives

Courses which contribute to a student's personal and professional growth and enjoyment and complete the balance of credit requirements for a degree.

CORE Transfer Classes

Associate of Science

I. English/Speech
(9 semester credits)
ENG 121
ENG 122
SPE 115

II. Mathematics
(4 semester credits)
MAT 121
MAT 125
MAT 201
MAT 202

III. Science
(8 semester credits)
AST 101
AST 102
BIO 111
BIO 112
CHE 111
CHE 112
GEY 111
GEY 121
PHY 111
PHY 112
PHY 211
PHY 212

IV. Social and Behavioral
Sciences (Choose 6
semester credits from
2 different disciplines)
ANT 101
ANT 111

ECO 201
ECO 202
GEO 105
HIS 101
HIS 102
HIS 201
HIS 202
POS 105
POS 111
PSY 101
PSY 102
SOC 101
SOC 102

V. Humanities
(Choose 6 semester
credits from 2 disciplines)
ART 110
ART 111
ART 112
FOL 111
FOL 112
FOL 211
FOL 212
HUM 121
HUM 122
HUM 123
LIT 115
LIT 201
LIT 202
MUS 120
PHI 111
PHI 112
PHI 113

Associate of Arts

I. English/Speech
(9 semester credits)
ENG 121
ENG 122
SPE 115

II. Mathematics
(3 semester credits)
MAT 121
MAT 125
MAT 135
MAT 201
MAT 202

III. Science
(4 semester credits)
AST 101
AST 102
BIO 105
BIO 111
BIO 112
CHE 101
CHE 102
CHE 111
CHE 112
GEY 111
GEY 121
PHY 105
PHY 111
PHY 112
PHY 211
PHY 212

IV. Social and Behavioral
Sciences
(Choose 9 semester credits
from 2 different disciplines)
ANT 101
ANT 111
ECO 201
ECO 202
GEO 105
HIS 101
HIS 102
HIS 201
HIS 202
POS 105
POS 111
PSY 101
PSY 102
SOC 101
SOC 102

V. Humanities
(Choose 9 semester credits
from 2 different disciplines)
ART 110
ART 111
ART 112
FOL 111
FOL 112
FOL 211
FOL 212
HUM 121
HUM 122
HUM 123
LIT 115
LIT 201
LIT 202
MUS 120
PHI 111
PHI 112
PHI 113

Pre-Major Transfers AA/AS Degrees

Thinking about two years at MCC, then two years at a four-year college or university? We have it! Pick your MAJOR now and our academic advisors will work with you and the college to which you plan to transfer and develop a plan tailored to meet your educational goals.

- Pre - ENGLISH
- Pre - BIOLOGY
- Pre - ELEMENTARY EDUCATION
- Pre - MATHEMATICS
- Pre - SOCIOLOGY
- Pre - PSYCHOLOGY
- Pre - HISTORY
- Pre - ZOOLOGY
- Pre - BOTANY

- Pre - Any other field of study
(Meet with an advisor to discuss your specific plans!)

Associate of Arts

Take the Colorado CORE Curriculum	34 credit hours
Add 4 hours of Math or Science*	4
Add Physical Education, PED 110 or 111	2
Add CIS 115 or CIS 118 or computer language class	3
Choose electives* in your MAJOR	19
TOTAL CREDITS	62

Associate of Science

Take the Colorado CORE Curriculum	33 credit hours
Add 12 hours of Math or Science*	12
Add Physical Education, PED 110 or 111	2
Add CIS 115 or CIS 118, or computer language class	3
Choose electives* in your MAJOR	12
TOTAL CREDITS	62

* check with your advisor for approved electives and transferability to the appropriate college and major.

ASSOCIATE OF ARTS DEGREE (A.A.)

The Associate of Arts degree requires two years of full-time study. It includes the curriculum traditionally taught during the first two years of a Bachelor of Arts degree program and is transferable to four-year institutions. The degree requirements are listed below:

	Required Credit Hours
I. ENGLISH/SPEECH	
ENG 121, 122	English Composition I, II 3,3
SPE 115	Principles of Speech Communication 3
II. MATHEMATICS/SCIENCES	
Must include one course from each group below (A, B, and C):	
A. Mathematics (3)	
MAT 121	College Algebra 4
125	Survey of Calculus 4
135	Introduction to Statistics 3
201, 202	Calculus I, II 5,5
B. Science (4)	
AST 101, 102	Astronomy I, II 4,4
BIO 105	Science of Biology 4
111, 112	General College Biology I, II 5,5
CHE 101, 102	Introduction to Chemistry I, II 5,5
111, 112	General College Chemistry I, II 5,5
GEY 111	Physical Geology 4
121	Historical Geology 4
PHY 105	Conceptual Physics 4
111, 112	Physics: Algebra Based I, II 5,5
211, 212	Physics: Calculus Based I, II 5,5
C. Additional Math/Science (4)	
AST	Any Course
BIO	Any Course
CHE	Any Course
GEY	Any Course
MAT	MAT 121 or higher
PHY	Any Course
SCI	Any Course
III. SOCIAL AND BEHAVIORAL SCIENCES	
Must include at least two disciplines:	
ANT 101	Cultural Anthropology 3
111	Physical Anthropology 3
ECO 201	Principles of Macroeconomics 3
202	Principles of Microeconomics 3
GEO 105	Geography 3
HIS 101, 102	Western Civilization I, II 3,3
201, 202	U.S. History I, II 3,3
POS 105	Introduction to Political Science 3
111	American Government 3
PSY 101, 102	General Psychology I, II 3,3
SOC 101, 102	Introduction to Sociology I, II 3,3

IV. HUMANITIES		9
Must include at least two disciplines:		
ART 110	Art Appreciation	3
ART 111, 112	Art History I, II	3,3
FOL 111, 112	Foreign Language I, II	5,5
211, 212	Foreign Language III, IV	3,3

HUM 121, 122,	Survey of Humanities I, II, III	3,3,3
123	Introduction to Literature	3
LIT 115	Masterpieces of Literature I, II	3,3
201, 202	Music Appreciation	3
MUS 120	Introduction to Philosophy	3
PHI 111	Ethics	3
112	Logic	3
113		

V. PHYSICAL EDUCATION*		2
PED 110	Physical Education Activities	1
PED 111	Intermediate Physical Education Activities	1

*The PE requirement may be waived and substituted with two other credits under one of the following conditions:

1. Have completed a year or more of active military service.
2. Presented a medical exemption recommended by a physician.
3. Are 35 years of age or older at time of first registration at the College.

VI. INTRODUCTION TO COMPUTERS OR COMPUTER LANGUAGE CLASS		3
CIS 115 /118	Introduction to Computers	3
CIS 160	BASIC Language Programming	3
CIS 260	COBOL Programming	3
CSC 148	FORTRAN Programming	3
CSC 150	PASCAL Programming	3
CSC 230	C-Language Programming	3

VII. ELECTIVES		19
Electives may be selected from list of courses approved for A.A./A.S. degrees (page 38)		

TOTAL CREDITS	62
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Students entering this program are required to complete assessment.

The entrance levels from the Accuplacer computerized placement test are sentence skills 101, reading 85, arithmetic 85, or ASSET scores are reading 45, math 45, writing 45. Students may be required to obtain these levels before entering the program.

ASSOCIATE OF SCIENCE DEGREE (A.S.)

The Associate of Science degree requires two years of full-time study, concentrating on mathematics and science. It includes the curriculum traditionally taught during the first two years of a Bachelor of Science degree program and is transferable to four-year institutions. The degree requirements are listed below:

	Required Credit Hours		
I. ENGLISH/SPEECH			
ENG 121, 122	English Composition I, II	3,3	
SPE 115	Principles of Speech Communication	3	
II. MATHEMATICS/SCIENCES			
Must include one course from each group below (A, B and C):			
A. Mathematics (4)			
MAT 121	College Algebra	4	
125	Survey of Calculus	4	
201, 202	Calculus I, II	5,5	
B. Science (8)			
AST 101, 102	Astronomy I, II	4,4	
BIO 111, 112	General College Biology I, II	5,5	
CHE 111, 112	General College Chemistry I, II	5,5	
GEY 111	Physical Geology	4	
121	Historical Geology	4	
PHY 111, 112	Physics: Algebra Based I, II	5,5	
PHY 211, 212	Physics: Calculus Based I, II	5,5	
C. Additional Math/Science (12)			
AST	Any Course		
BIO	Excluding BIO 105		
CHE	Excluding CHE 101, 102		
GEY	Any Course		
MAT	MAT 121 or higher		
PHY	Excluding PHY 105		
III. SOCIAL AND BEHAVIORAL SCIENCES			
Must include at least two disciplines:			
ANT 101	Cultural Anthropology	3	
111	Physical Anthropology	3	
ECO 201	Principles of Macroeconomics	3	
202	Principles of Microeconomics	3	
GEO 105	Geography	3	
HIS 101,102	Western Civilization I, II	3,3	
201,202	U.S. History I, II	3,3	
POS 105	Introduction to Political Science	3	
111	American Government	3	
PSY 101, 102	General Psychology I, II	3,3	
SOC 101, 102	Introduction to Sociology I, II	3,3	

IV. HUMANITIES			
Must include at least two disciplines:			
ART 110	Art Appreciation	3	
ART 111,112	Art History I, II	3,3	
FOL 111,112	Foreign Language I, II	5,5	
211, 212	Foreign Language III, IV	3,3	
HUM121,122,	Survey of Humanities I, II, III	3,3,3	
123	Introduction to Literature	3	
LIT 115	Masterpieces of Literature I, II	3,3	
201,202	Music Appreciation	3	
MUS 120	Introduction to Philosophy	3	
PHI 111	Ethics	3	
112	Logic	3	
113			

V. PHYSICAL EDUCATION*			
PED 110	Physical Education Activities	1	
PED 111	Intermediate Physical Education Activities	1	

* The PE requirements may be waived and substituted with two other credits under one of the following conditions:

1. Have completed a year or more of active military service.
2. Present a medical exemption recommended by a physician.
3. Are 35 years of age or older at time of first registration at the College.

VI. INTRODUCTION TO COMPUTERS OR COMPUTER LANGUAGE CLASS			
CIS 115/118	Introduction to Computers	3	
CIS 160	BASIC Language Programming	3	
CIS 260	COBOL Programming	3	
CSC 148	FORTRAN Programming	3	
CSC 150	PASCAL Programming	3	
CSC 230	C-Language Programming	3	

VII. ELECTIVES 12
Electives may be selected from list of courses approved for the A.A./A.S. degrees (page 38).

TOTAL CREDITS 62

Students entering this program are required to complete assessment. The entrance levels from the Accuplacer computerized placement test are sentence skills 101, reading 85, arithmetic 85, or ASSET scores are reading 45, math 45, writing 45. Students may be required to obtain these levels before entering the program.

COURSES APPROVED FOR AA/AS DEGREES 1997-98

ACC 121	Principles of Accounting I	HIS 201	U.S. History I
ACC 122	Principles of Accounting II	HIS 202	U.S. History II
AGL 115	Animal Sciences	HIS 225	Colorado History
AGL 116	General Crops	HEC 115	Human Nutrition
AGL 117	Introductory Soil Science	HUM 121	Survey of Humanities I
AGL 118	Agricultural/Natural Resource Economics	HUM 122	Survey of Humanities II
ANT 101	Cultural Anthropology	HUM 123	Survey of Humanities III
ANT 111	Physical Anthropology	JOU 105	Introduction to Mass Media
ANT 205	Mankind and Myth	JOU 106	Fundamentals of Reporting
ART 110	Art Appreciation	JOU 121	Introduction to Print Media Photography
ART 111	Art History I	JOU 206	Intermediate Newswriting and Editing
ART 112	Art History II	LIT 115	Introduction to Literature
ART 116	Lettering	LIT 126	Study of Poetry
ART 121	Drawing I	LIT 127	Study of the Novel
ART 122	Drawing II	LIT 201	Masterpieces of Literature I
ART 131	Design I	LIT 202	Masterpieces of Literature II
ART 132	Design II	LIT 211	Survey of American Literature I
ART 211	Painting I	LIT 212	Survey of American Literature II
ART 212	Painting II	MAN 226	Principles of Management
ART 231	Watercolor I	MAR 216	Principles of Marketing
ART 232	Watercolor II	MAT 121	College Algebra
AST 101	Astronomy I	MAT 122	College Trigonometry
AST 102	Astronomy II	MAT 125	Survey of Calculus
BIO 105	Science of Biology	MAT 135	Introduction to Statistics
BIO 109	Man and the Environment	MAT 201	Calculus I
BIO 111	General College Biology I	MAT 202	Calculus II
BIO 112	General College Biology II	MUS 120	Music Appreciation
BIO 115	Human Genetics	MUS 151	Ensemble Groups I
BIO 201	Human Anatomy & Physiology I	*PED 105	CPR
BIO 202	Human Anatomy & Physiology II	*PED 125	Standard First Aid-Responding to Emergencies
BIO 205	Microbiology	PED 110	Physical Education Activities (see catalog)
BIO 216	Pathophysiology	PED 111	Intermediate Physical Education
BIO 245	Kinesiology		Activities (see catalog)
BUS 115	Introduction to Business	PED 117	Water Safety Instructor
BUS 216	Legal Environment of Business	PHI 111	Introduction to Philosophy
BUS 217	Business Communications and Report Writing	PHI 112	Ethics
BUS 221	Business Law I	PHI 113	Logic
CHE 101	Introduction to Chemistry I	PHI 115	Comparative Religions
CHE 102	Introduction to Chemistry II	PHY 105	Conceptual Physics
CHE 111	General College Chemistry I	PHY 111	Physics: Algebra Based I
CHE 112	General College Chemistry II	PHY 112	Physics: Algebra Based II
CHE 205	Introduction to Organic Chemistry	PHY 211	Physics: Calculus Based I
CHE 206	Introduction to Biochemistry	PHY 212	Physics: Calculus Based II
CIS 101	Computer Literacy	POS 105	Introduction to Political Science
CIS 115	Introduction to Computers	POS 111	American Government
CIS 160	BASIC Language Programming	PSY 101	General Psychology I
CIS 260	COBOL Programming	PSY 102	General Psychology II
CSC 148	FORTRAN Programming	PSY 115	Psychology of Adjustment
CSC 150	PASCAL Programming	PSY 118	Beginning Counseling
CSC 230	C-Language Programming	PSY 226	Social Psychology
ECO 201	Principles of Macroeconomics	PSY 229	Introduction to Addictive Behavior
ECO 202	Principles of Microeconomics	PSY 235	Human Growth and Development
EDU 115	Early Field Experience in Education	PSY 247	Child Abuse and Neglect
ENG 226	Fiction Writing	PSY 248	Child and Adolescent Psychology
ENG 227	Poetry Writing	PSY 249	Abnormal Psychology
FOL 111	Foreign Language I: French, Spanish	PSY 265	Psychology of Personality
FOL 112	Foreign Language II: French, Spanish	SCI 115	Meteorology
FOL 211	Foreign Language III: French, Spanish	SCI 116	Natural Science
FOL 212	Foreign Language IV: French, Spanish	SOC 101	Introduction to Sociology I
GEO 105	World Regional Geography	SOC 102	Introduction to Sociology II
GEY 106	Principles of Geology	SOC 205	Marriage & Family
GEY 111	Physical Geology	SOC 215	Contemporary Social Problems
GEY 121	Historical Geology	SPE 226	Oral Interpretation
GEY 145	Earth Science		
HEA 116	Medical Terminology		Special Studies (Check with program advisor regarding transfer)
HIS 101	Western Civilization I		
HIS 102	Western Civilization II		

* Does not fulfill Physical Education requirement in AA/AS degrees

** No more than three semester hours of Physical Education may be applied to an AA/AS degree.

ASSOCIATE OF GENERAL DEGREE STUDIES (AGS)

Generalist Degree:

This degree requires 60 credits as follows: 30 semester credits of general education courses (15 semester credits must come from the Colorado CORE transfer "**"); in addition, you may select, in consultation with an advisor, 30 semester credits of open electives. These may include general education courses and/or occupational/technical courses. The selected courses must not be considered developmental. This is a NON-TRANSFER degree, but individual courses may be transferable.

		Required Credit Hours			
I. PRESCRIBED GENERAL EDUCATION 30					
(GENERAL EDUCATION CORE = 15, GENERAL EDUCATION = 15)					
A. English/Communications (3 credits must be CORE as marked by *)					
COM	105	Career Communications	3		
ENG	105	Fundamentals of Composition	3		
	121*	English Composition I	3		
	122*	English Composition II	3		
	226	Fiction Writing	3		
	227	Poetry Writing	3		
SPE	115*	Principles of Speech Communication	3		
	226	Oral Interpretation	3		
B. Mathematics (3 credits must be CORE as marked by *)					
MAT	115	College Mathematics	3		
	121*	College Algebra	4		
	122	College Trigonometry	3		
	125*	Survey of Calculus	4		
	135*	Introduction to Statistics	3		
	201*	Calculus I	5		
	202*	Calculus II	5		
C. Science (3 credits must be CORE as marked by *)					
AST	101*, 102*	Astronomy I, II	4,4		
BIO	105*	Science of Biology	4		
	109	Human and the Environment	4		
	111*, 112*	General College Biology I, II	5,5		
	201, 202	Human Anatomy & Physiology I, II	4,4		
	205	Microbiology	4		
	245	Kinesiology	4		
CHE	101*, 102*	Introduction to Chemistry I, II	5,5		
	111*, 112*	General College Chemistry I, II	5,5		
	205	Introduction to Organic Chemistry	4		
	206	Introduction to Biochemistry	4		
GEY	111*	Physical Geology	4		
	121*	Historical Geology	4		
	145	Earth Science	3		
PHY	105*	Conceptual Physics	4		
	111*, 112*	Physics: Algebra Based I, II	5,5		
	211*, 212*	Physics: Calculus Based I, II	5,5		
SCI	115	Meteorology	3		
SCI	116	Natural Science	5		
D. Social Sciences (3 credits must be CORE as marked by *)					
ANT	101*	Cultural Anthropology	3		
	111*	Physical Anthropology	3		
	205	Mankind & Myth	3		
ECO	201*	Principles of Macroeconomics	3		
	202*	Principles of Microeconomics	3		
GEO	105*	Geography	3		
HIS	101*, 102*	Western Civilization I, II	3,3		
	201*, 202*	U.S. History I, II	3,3		
	225	Colorado History	3		
POS	105*	Introduction to Political Science	3		
	111*	American Government	3		
PSY	101*, 102*	General Psychology I, II	3,3		
	106	Human Relations	3		
	115	Psychology of Adjustment	3		
	116	Stress Management	2		
	118	Beginning Counseling	2		
	206	Employment Seminar	1		
	229	Introduction to Addictive Behavior	3		
	235	Human Growth and Development	3		
	247	Child Abuse and Neglect	2		
	248	Child and Adolescent Psychology	3		
	265	Psychology of Personality	3		
SOC	101*, 102*	Introduction to Sociology I, II	3,3		
	205	Marriage & Family	3		
E. Arts and Humanities (3 credits must be CORE as marked by *)					
ART	110*	Art Appreciation	3		
ART	111*, 112*	Art History I, II	3,3		
FOL	111*, 112*	Foreign Language I, II	5,5		
	211*, 212*	Foreign Language III, IV	3,3		
HUM	121*, 122*, 123*	Survey of Humanities I, II, III	3,3,3		
JOU	106	Fundamentals of Reporting	3		
JOU	206	Intermediate Newswriting and Editing	3		
LIT	115*	Introduction to Literature	3		
LIT	126	Study of Poetry	3		
LIT	127	Study of the Novel	3		
	201*, 202*	Masterpieces of Literature I, II	3,3		
	211, 212	Survey of American Literature I, II	3,3		
PHI	111*	Introduction to Philosophy	3		
	112*	Ethics	3		
	113*	Logic	3		

continued next page

II. ELECTIVES 30

These may include courses from general education sources, AA/AS electives, and/or occupational/technical courses. The selected courses must not be considered developmental.

TOTAL CREDITS 60

Students entering this program are required to complete assessment. The entrance levels from the Accuplacer scores are sentence skills 90, reading 80, arithmetic 78, or ASSET scores are reading 45, math 45, writing 45. Students may be required to obtain these levels before entering the program.

- * Metropolitan State College grants Major Credit for CRJ 125, USC grants Major Credit for CRJ 250
- ** Metropolitan State College grants Major Credit for CRJ 146, USC grants Major Credit for CRJ 275
- + Transfer institutions require MAT 135, Introduction to Statistics

Students entering this program are required to complete assessment. The entrance levels from the Accuplacer scores are sentence skills 90, reading 80, arithmetic 78, or ASSET scores are reading 45, math 45, writing 45. Students may be required to obtain these levels before entering the program.



ASSOCIATE OF GENERAL STUDIES DEGREE (AGS)

Criminal Justice Emphasis

Articulated Degrees: These degrees are the result of articulation agreements with four-year institutions. They are transferable only into the particular program identified by the articulation agreement. The Associate of General Studies degree pairs general education requirements with an established Criminal Justice curriculum. This program of study is a part of a state-wide articulated agreement which guarantees transfer of this program to Metropolitan State College, the University of Southern Colorado, and the University of Northern Colorado. This degree provides a course of study for those students who intend to pursue a Baccalaureate program.

	Required Credit
I. PRESCRIBED GENERAL EDUCATION	34
A. English/Communications	9
B. Mathematics	6
C. Science	4
D. Social Sciences	9
E. Arts and Humanities	6

See AGS Generalist Degree page 39 for courses which meet these requirements.

II. CORE CURRICULUM REQUIREMENTS 33

CRJ 110	Introduction to Criminal Justice	3
CRJ 111	Basic Law	3
CRJ 112	Procedural Criminal Law	3
CRJ 125*	Law Enforcement Operations	3
OR		
CRJ 250*	Penology	3
CRJ 135	Judicial Function	3
CRJ 145	Correctional Process	3
CRJ 146**	Community Based Corrections	3
OR		
CRJ 275**	Correctional Field Experience	3
CRJ 210	Constitutional Law	3
CRJ 220	Human Relations and Social Conflicts	3
CRJ 118	Written Communications	3
CRJ 230	Criminology	3

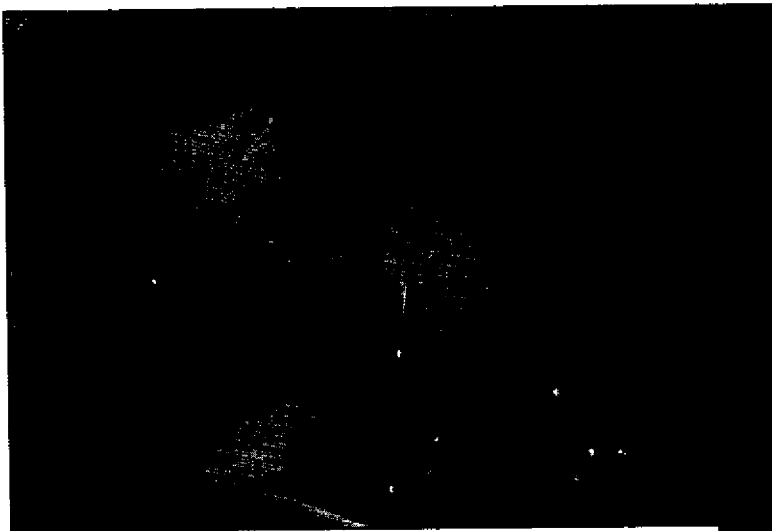
TOTAL CREDITS 67

* Metropolitan State College grants Major Credit for CRJ 125, USC grants Major Credit for CRJ 250

** Metropolitan State College grants Major Credit for CRJ 146, USC grants Major Credit for CRJ 275

+ Transfer institutions require MAT 135, Introduction to Statistics

Students entering this program are required to complete assessment. The entrance levels from the Accuplacer scores are sentence skills 90, reading 80, arithmetic 78, or ASSET scores are reading 45, math 45, writing 45. Students may be required to obtain these levels before entering the program.



OCCUPATIONAL PROGRAMS

ASSOCIATE OF APPLIED SCIENCE AND CERTIFICATE PROGRAMS

Associate of Applied Science Degree

The Associate of Applied Science degree provides career skills for students to enter the job market after graduation, retrain in a new career, or upgrade employment skills. Occupational courses are designed to meet these needs rather than transfer to four-year institutions; however, many four-year institutions accept some of these courses. Check with your advisor or with the other college or university if you are planning to transfer with these courses.

Students must complete a minimum of 15 hours in general education requirements to complete their Associate of Applied Science degree.

Occupational Certificate

Occupational training is available in less than two years through the certificate programs. Certificates are awarded for several types of training outlined in the following section.

AGRICULTURAL PROGRAMS

FARM AND RANCH MANAGEMENT

Created for the farm or ranch owner/manager, this program is designed to improve the individual's management skills. The three-year program offers classroom instruction in the winter months and 1/2 day per month of on-site training throughout the year. The first year focuses on goal-setting and record-keeping with years two and three devoted to continuing the planning process and analyzing the business' progress. Computers are used extensively throughout the course.

FARM AND RANCH MANAGEMENT Certificate

CORE Curriculum

Farm and Ranch Management I		
FRM 151	Business Planning I	6
FRM 152	Record Keeping I	6
FRM 153	Record Keeping II	6
Farm and Ranch Management II		
FRM 154	Business Planning II	6
FRM 155	Financial Statements	6
FRM 156	Marketing	6
Farm and Ranch Management III		
FRM 157	Business Analysis	6
FRM 158	Business Planning III	6
FRM 159	Managing for the Future	6

TOTAL PROGRAM CREDITS 54

This program is not intended for transfer to a baccalaureate degree program; however, some of its courses may be accepted toward a bachelor' degree at some institutions. Please consult a faculty advisor for further information.

YOUNG FARMERS

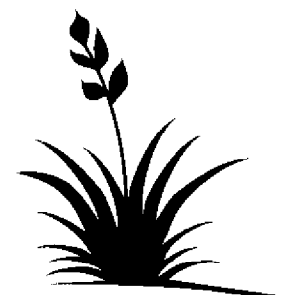
This program provides yearly enrollment for farmers of all ages. Concentrated in the winter months, classes will cover current agricultural issues and practices presented by knowledgeable specialists. Coordinated and operated from the local high school Agriculture Departments, the program will also provide individualized instruction for students throughout the year as needed.

COLORADO AGRICULTURAL LEADERSHIP PROGRAM

The Colorado Agricultural Leadership Council, a private, non-profit organization formed in 1983, and Morgan Community College are co-sponsoring the Colorado Agricultural Leadership Program (CALP). Intended to expand and strengthen the pool of effective Colorado agricultural and rural leaders, the program offers college credit for a curriculum designed to deepen understanding of economic, political, and social systems and issues; sharpen skills in communication, problem-solving, and leadership; analyze challenges facing agricultural systems; and allow participants to meet other leaders and citizens. Enrollment is highly selective for the series of nine, three-to four-day seminars held over a two-year period and conducted in various locations throughout Colorado.

CAG 101	Community Leadership Development	3.5
CAG 102	Integrating Policy and Systems I	1.5
CAG 103	Public Policy and Systems	4.0
CAG 104	Applied Leadership	2.5
CAG 105	Integrating Policy and Systems II	1.5
CAG 106	Global Policy and Systems	5.0
CAG 107	Futuring	1.0

TOTAL PROGRAM CREDITS 19



AUTOMOTIVE

The Automotive programs are designed to offer study and training in two major areas. The curricula are: Associate of Applied Science degrees or Certificates in Collision Repair Technology and Automotive Service Technology. In general, graduates of the Collision Repair Technology program will be prepared for jobs such as auto body painter, frame repair person, and metal repair person. Graduates of the Automotive Service Technology program will be prepared for jobs such as automobile mechanic, garage mechanic, service mechanic, and tune-up mechanic. The Automotive programs meet Automotive Service Excellence (ASE) standards, established by the National Automobile Technicians Education Foundation (NATEF) and is NATEF certified. All automotive instructors are ASE certified.

Students entering these programs are required to complete assessment. The entrance levels from ASSET are reading 41, math 37, writing 37, and scores from Accuplacer are reading 65, arithmetic 75, sentence skills 62. Students may be required to obtain these levels before entering their program. All program completers are required to take an exit exam.

AUTOMOTIVE SERVICE TECHNOLOGY

Associate of Applied Science

CORE Curriculum		
+ASE 125	Manual Transmissions and Clutches	3
+ASE 126	Manual Transaxles Diagnosis and Repair	3
+ASE 127	Drive & Universal Joint Diagnosis/Repair	2
ASE 215	Automatic Transmission/Transaxle Diagnosis, Maintenance and Adjustment	3
ASE 216	Automatic Transmission/Transaxle Repair	3
ASE 136	Automotive Brake Systems	2
ASE 236	Anti-Lock Brake Systems	3
ASE 135	Steering & Suspension Diagnosis and Repair	3
ASE 235	Wheel Alignment Diagnosis, Adjustment and Repair	3
ASE 155	Heating and Cooling	2
ASE 255	Air Conditioning System Diagnosis	2
+ASE 145	Basic Electricity	3
ASE 245	Body Electrical	3
+ASE 165	Fuel Systems	2
+ASE 166	Emissions Control	2
+ASE 146	Starting and Charging Systems	2
ASE 265	Ignition Systems	3
ASE 246	Specialized Electronics	2
+ASE 162	Electronic Fuel Injection	2
+ASE 161	Computerized Fuel System Fundamentals	2
+ASE 266	Automotive Diagnostic Equipment	2
+ASE 267	Driveability Diagnosis	1
+ASE 115	General Engine Diagnosis and Repair	2
+ASE 116	Cylinder Head Diagnosis and Repair	2
+ASE 117	Engine Block Diagnosis and Repair	3
TOTAL CREDITS		59

General Education Requirements

COM 105	Career Communications	3
MAT 115	College Mathematics	3
CIS 115/118	Introduction to Computers	3
BUS 115	Introduction to Business	3

Recommended Electives:

PED 105	CPR	1
PED 125	Standard First Aid-Responding to Emergencies	2
OR		
ENG 121	English Composition I	3

TOTAL CREDITS	15
TOTAL PROGRAM CREDITS	74

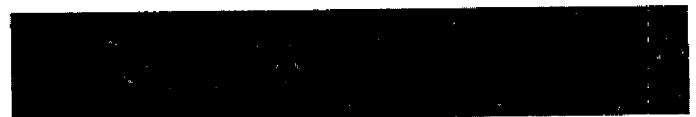
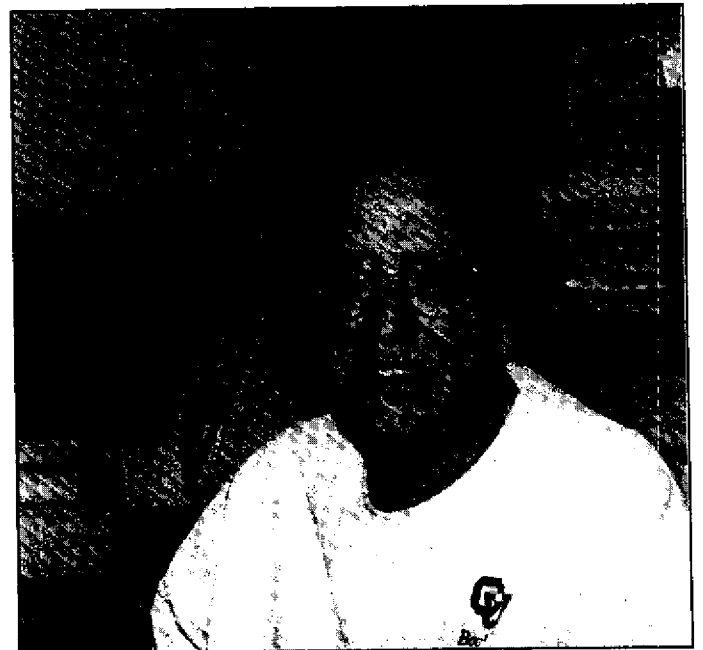
NOT ALL COURSES ARE OFFERED EVERY SEMESTER. PLEASE CHECK WITH YOUR PROGRAM ADVISOR.

Placement rate of graduates for Automotive Service Technology in 1996 who were seeking work was 100% based on student surveys returned.

AUTOMOTIVE SERVICE TECHNOLOGY

Certificate

+Students completing 31 credits or more in Automotive Service Technology will be eligible to receive an MCC Certificate.



COLLISION REPAIR TECHNOLOGY

Associate of Applied Science

Collision Repair Technology CORE Curriculum

+CRT 110	Safety in Collision Repair	2
+CRT 115	Auto Body Welding	3
+CRT 125	Non-Structural Repair	6
+CRT 155	Preparation for Refinishing	3
+CRT 145	Plastic and Adhesive Repair	3
+CRT 126	Non-Structural Part Replacement	3
+CRT 135	Structural Repair I	3
+CRT 156	Refinishing I	6
CRT 235	Structural Repair II	7
CRT 225	Non-Structural Repair II	6
CRT 255	Refinishing II	7
CRT 205	Estimating and Shop Management	3
CRT 245	Plastic Repair and Refinishing	3
CRT 256	Color Match and Refinish Problems	3

TOTAL CREDITS **58**

General Education Requirements

COM 105	Career Communications	3
MAT 115	College Mathematics	3
CIS 115/118	Introduction to Computers	3
BUS 115	Introduction to Business	3
PED 105	CPR	1
+PED 125	Standard First Aid-Responding to Emergencies	2

TOTAL CREDITS **15**

TOTAL PROGRAM CREDITS **73**

NOT ALL COURSES ARE OFFERED EVERY SEMESTER. PLEASE CHECK WITH YOUR PROGRAM ADVISOR.

Placement rate of graduates for Collision Repair Technology in 1996 who were seeking work was 80% based on student surveys returned.

COLLISION REPAIR TECHNOLOGY

Certificate

+Students completing 30 credits or more in Collision Repair Technology will be eligible to receive an MCC Certificate.

BUSINESS

Morgan Community College has a strong curriculum of study available in its business programs. Graduates of the business areas will be prepared for jobs such as real estate licensee, secretary, receptionist, administrative assistant, billing clerk, financial assistant, payroll/time clerk, or bookkeeper.

Choose the Educational Plan that works for you!

1. An Associate of Applied Science in Business. Earn an Associate of Applied Science degree created to fit your specialty area by taking 63 credit hours comprised of 15 credits in general education, 8 credits of employability skills, 16 credits of business education, and 24 credits in any one of three emphasis areas. You create your own program by selecting any one of these emphasis areas:

- Real Estate
- Office Support Specialist
- Small Business Development

2. Certificate programs in Small Business Development or Office Support Specialist.

3. Proficiency certification emphasizing computer software, real estate, supervision, and more. Contact MCC's admissions office for more information.

4. Customized training in classes, workshops, or seminars at MCC or your place of business.

5. One or two classes which meet your immediate needs.

Students entering the Associate of Applied Science degree or Certificate programs are required to complete assessment. To maximize student success, the College may require students to achieve the following scores before entering these programs: sentence skills, 90; reading, 80; and arithmetic, 78.

BUSINESS

Associate of Applied Science

General Education Requirements

CIS 118	Microcomputer Applications	3
BUS 115	Introduction to Business	3
SPE 115	Principles of Speech	3
PSY 115	Psychology of Adjustment	3
ECO 201	Macroeconomics or approved elective	3

Total General Education Credits **15**

Employability Skills CORE

BUS 125	Time Management	1
COM 105	Career Communications	3
BUS 126	Team Building	1
BUS 227	Leadership Development	2
BUS 228	Field Experience	1

Total Employability Skills Credits **8**

Business Education CORE

BUS 116	Business Math	3
BUS 117	Business English	3
BUS 217	Business Communications and Report Writing	3

BUS 218	Records Management	2
ACC 101	Fundamentals of Accounting	5
Total Business CORE Credits		16

Emphasis Area in Business

Real Estate

BUS 201*	Real Estate Practice and Law	4
BUS 202*	Colo. Contracts & Regulations	4
BUS 203*	Record Keeping and Trust Accts.	1
BUS 207*	Current Legal Issues	1
BUS 216	Legal Environment of Business	3
BUS 208*	Closings	2
BUS 209*	Practical Applications	3
BUS 210*	Seminar in Real Estate	3
	Business Electives	3

Total Real Estate Credits		24
Total AAS-Real Estate Emphasis Credits		63

*(Students completing the 18 credits marked above will be eligible for the Real Estate Brokers Licensing Exam.)

Office Support Specialist

Note: Program prerequisites: BTE100 or demonstrated keyboarding skill.

CIS 139	Quickbooks	2
BTE 102	Keyboarding Applications	2
BTE 108	10-Key by Touch	1
BTE 112	Formatting	3
CIS 225	Integrated Software Applications	3
BTE 208	Office Administration	3
	Business Electives	10
Total Office Support Specialist Credits		24
Total AAS-Office Support Specialist Credits		63

Certificates

Office Support Specialist Certificate

Students completing the following courses will be eligible for an Office Support Specialist certificate:

Business CORE		16
Office Support Specialist emphasis area (excluding elective hours)		14
BUS 115	Introduction to Business	3
COM 106	Career Communications	3
BUS 125	Time Management	1
BLS 126	Teambuilding	1
Total Office Support Certificate Credits		38

Small Business Development Certificate

Students completing the following courses will be eligible for a Small Business Development certificate:

BUS 141	Fundamentals of Entrepreneurship	6
BUS 142	Entrepreneurial Acctg & Finance	6
BUS 143	Advertising & Marketing Strategies	6

BUS 144	Managerial Entrepreneurship	6
BUS 145	Contemporary Topics in Business	6
BUS 149	Business Planning	6
Total Small Business Development Credits		36

See an advisor for credits that apply to AAS degree.

NOT ALL COURSES ARE OFFERED EVERY SEMESTER. PLEASE CHECK WITH YOUR PROGRAM ADVISOR.

Business Learning Center

The Business Learning Center (BLC) is a flexible curriculum delivery system designed for students enrolled in skills classes. Students in classes such as keyboarding or individual software classes will use this self-paced learning approach in a lab format under the supervision and guidance of an instructor. Many of the BLC courses will be accepted as business electives, and students may earn MCC proficiency certificates in a variety of areas such as Microsoft Office, Corel Office, Microsoft Excel, or Microsoft Word, or Word Perfect

BTE 100	Touch Keyboarding	1
BTE 102	Basic Keyboarding Applications	2
BTE 107	Speedbuilding	1
BTE 108	Ten Key by Touch	1
BTE 112	Formatting	3
CIS 110	Introduction to Windows	2
CIS 120	Introduction to Word Processing	1
CIS 121	Intermediate Word Processing	1
CIS 122	Advanced Word Processing	1
CIS 136	Presentation Graphics: Powerpoint or Corel Presentations	1
CIS 137	Quicken for Windows	1
CIS 139	QuickBooks	2
CIS 140	Intro to Microcomputer DataBase	2
CIS 150	Intro to Electronic Spreadsheets	2
CIS 151	Intermed Electronic Spreadsheets	2
CIS 225	Integrated Software Applications	3

Other Business Electives

ACC 121	Principles of Accounting I	4
ACC 122	Principles of Accounting II	4
ACC 206	Governmental Accounting	3
ACC 207	Intro to Managerial Accounting	4
ACC 215	Payroll Accounting	3
MAN 215	Principles of Supervision	3
MAN 226	Principles of Management	3
MAR 216	Principles of Marketing	3

These programs are not intended for transfer to a baccalaureate degree program; however, some courses may be accepted toward a bachelor's degree at some institutions. Please consult a faculty advisor for further information.

CRIMINAL JUSTICE

Morgan Community College offers a certificate program in Criminal Justice, the Correctional Officer certificate.

The Correctional Officer Certificate Program is designed for students seeking a career in corrections. The program meets the State Department of Corrections pre-employment requirement (30 semester hour credits in corrections, criminal justice, helping services or other human or behavioral sciences) for entry level employment as a correctional officer.

In addition to successful completion of the course, students are required to undergo a background check by state and federal agencies.

Students entering these programs are required to complete assessment. The entrance levels from the Accuplacer scores are sentence skills 90, reading 80, arithmetic 78, or ASSET scores are reading 43, math 43, writing 43. Students may be required to obtain these levels before entering their program.

CORRECTIONAL OFFICER Certificate

Correctional Officer CORE Curriculum

CRJ 110	Introduction to Criminal Justice	3
CRJ 111	Substantive Law	3
CRJ 145	Correctional Process	3
CRJ 210	Constitutional Law	3
CRJ 225	Crisis Intervention	3
CRJ 275	Correctional Field Experience	2
CRJ 220	Human Relations & Social Conflict	3
TOTAL CREDITS		20

General Education Requirements

ENG 121	English Composition I	3
SOC 101	Introduction to Sociology I	3
PSY 249	Abnormal Psychology	3

TOTAL CREDITS 9

Other Required Courses

PSY 206	Employment Seminar	1
CIS 115	Introduction to Computers	3
	OR	
CIS 118	Introduction to Microcomputer Applications	3

TOTAL CREDITS 4

TOTAL PROGRAM CREDITS 33

NOT ALL COURSES ARE OFFERED EVERY SEMESTER. PLEASE CHECK WITH YOUR PROGRAM ADVISOR. (This program is subject to sufficient enrollment.)

Occupational outlook for Correction Officers in Eastern Colorado: Excellent.

HEALTH SCIENCE AND APPLIED TECHNOLOGIES

The Health Sciences and Applied Technologies Division offers nine health-related programs of study in Health Occupations.

Programs range from one semester to five semesters in length. Each program prepares students for a career in a specific health or human services occupation. All program completers are required to take an exit exam. The nine programs are:

Associate Degree Nursing
Certified Massage Therapy
Emergency Medical Technology -
Basic and Intermediate
Health Care Assistant
Medical Assistant
Medical Receptionist
Nurse Aide
Occupational Therapy Assistant
Physical Therapist Assistant

The number of students admitted to each health-related program is limited. There are usually more applicants than available spaces. Admission to each program is based upon successful completion of admission requirements and on a space available basis. Applications are available in the admissions office for each program. Certificate programs are generally open enrollment, but the student must complete the appropriate application and entry exam.

Applications for admissions to a Health Occupations Associate of Applied Science degree program (ADN, OTA, PTA) are as follows:

1. Request and submit a completed application to the specific program. Directions are explicit in individual applications and must be adhered to.
2. Completion of Anatomy and Physiology I and II with a 2.0 G.P.A. or better.
3. Completion of required entry exam. Schedule with the MCC Testing Center.
4. Completed admissions materials must be on file with the specific program by October 1 for consideration for entrance in the spring semester.
5. Completion of the general education courses (see individual program requirements) with a cumulative 2.0 G.P.A. (ADN: 20 semester credits, PTA: 14 semester credits, OTA: 10 semester credits)
6. Submit transcripts of all previous course work completed at all colleges attended (including MCC) to the program coordinator and to the Registrar.

Specific program requirements:

ADN

1. LPN program graduate, submit Colorado licensure or permit.
2. LPN graduation of 3 years prior, documentation of 1,000 hours of work experience as a LPN.
3. LPN graduation of 10 years prior, or if a graduate from an out of state LPN program:
Verification of required test scores in nursing content areas; ACT/PEP exams, #403 Fundamentals of Nursing, #453 Med-Surgical Nursing, #554 Maternal Child Health, or the NLN Mobility Profile I. A schedule of test dates is available from the Testing Center.
4. Current certification in CPR.

PTA

1. Documented work experience or volunteer hours under a licensed physical therapist or physical therapist assistant required. (see PTA program application)
2. May be asked for a personal interview.

OTA

1. Documented work experience or volunteer hours under a registered occupational therapist or a certified occupational therapy assistant, up to 200 hours.

Each health-related program includes course work in a clinical setting (on-the-job), which generally requires additional expenses related to assigned courses, e.g. medical examinations, liability insurance, uniforms, meals, and travel. All expenses are the students' responsibility.

NURSING

Associate of Applied Science

The Associate Degree Nursing Program (ADN) is designed to provide education to prepare the student for the licensure examination as a registered nurse. The college, in cooperation with Northeastern Junior College (NJC), offers a program leading to the Associate of Applied Science degree in Nursing. Students accepted into the program are required to have completed a practical nursing certificate program at NJC or at another institution. The curriculum is specifically constructed to promote career mobility in nursing and follows the criteria for the Colorado Nursing Articulation Model.

Upon satisfactory completion of the prescribed ADN curriculum with a minimum of a "C" in each course, and having met the qualifications for licensure according to the Colorado Nurse Practice Act, the student will receive an Associate of Applied Science Degree in Nursing and will be eligible to take the State Licensure Examination for Registered Nursing.

Students entering this program must have completed the prescribed general education requirements before admission to the second level courses or be in the eight

slots for direct admission from the Northeastern Junior College practical nursing program. Admission to MCC or NJC does not assure admission to the nursing program.

NURSING HOURS ACCEPTED FROM PN PROGRAM AT NORTHEASTERN JUNIOR COLLEGE OR OTHER COLORADO PN PROGRAM OR OUT-OF-STATE COLLEGE PN PROGRAM **28**
General Education Courses

BIO	201	Human Anatomy & Physiology I	4
BIO	202	Human Anatomy & Physiology II	4
ENG	121	English Composition I	3
PSY	235	Human Growth and Development	3
		Humanities/Social Science Elective *	3
		General Education Electives (non-nursing)	3

TOTAL CREDITS **20**

Required Second Level Nursing Curriculum

NUR	202	Socialization into Nursing II	1
NUR	203	Socialization into Nursing III	2
NUR	206	Comprehensive Clinical Nursing	3
NUR	211	Comprehensive Medical-Surgical Nursing I	4
NUR	212	Comprehensive Medical-Surgical Nursing Clinical I	4
NUR	213	Comprehensive Medical-Surgical Nursing II	2
NUR	214	Comprehensive Medical-Surgical Nursing Clinical II	4
NUR	221	Comprehensive Psychosocial Nursing	2
NUR	222	Comprehensive Psychosocial Nursing Clinical	3
NUR	231	Comprehensive Concepts in Parent-Child Nursing	2
NUR	232	Comprehensive Parent-Child Nursing Clinical	3

TOTAL CREDITS **30**

TOTAL PROGRAM CREDITS **78**

Recommended Nursing Electives:

NUR	201	Nursing Assessment	2
NUR	205	Comprehensive Concepts in Gerontological Nursing	2
NUR	215	Advanced Concepts in Nursing I	1
NUR	216	Advanced Concepts in Nursing II	1
NUR	217	Advanced Concepts in Nursing III	1
NUR	220	Advanced Clinical Experiences	2

Not all courses are offered every semester. Please check with your program advisor.

Placement rate of Associate Degree Nursing graduates in 1996 who were seeking work was 100% based on student surveys returned.

OCCUPATIONAL THERAPY ASSISTANT

Occupational Therapy is a health rehabilitation profession. Its practitioners provide service to individuals of all ages who have physical, developmental, emotional and social deficits and, because of these conditions, need specialized assistance in learning functional skills to lead independent, productive and satisfying lives.

According to the U.S. Bureau of Labor Statistics, Occupational Therapy is among the 20 fastest growing occupations. The Occupational Therapy Assistant (OTA) program at MCC was developed to meet the need for qualified professionals in this field. The OTA program consists of five semesters of academic course work combined with fieldwork in the community. The curriculum is designed to prepare the student to take a national certification exam to become a COTA.

The Occupational Therapy Assistant Program is accredited by the Accreditation Council for Occupational Therapy Education (ACOTE 4720 Montgomery Lane, PO Box 31220, Bethesda, MD, 20824, phone 301-652-2682). Graduates of the program will be able to sit for the national certification exam. After successful completion of this exam, the individual will be a Certified Occupational Therapy Assistant (COTA)

**OCCUPATIONAL THERAPY ASSISTANT
Associate of Applied Science**

General Education Requirements

BIO 201	Human Anatomy & Physiology I	4
BIO 202	Human Anatomy & Physiology II	4
BIO 216	Pathophysiology	5
BIO 245	Kinesiology	4
CIS 115/118	Introduction to Computers	3
ENG 121	English Composition I	3
HEA 116	Medical Terminology	2
MAT 115	College Math (or higher level)	3
PSY 235	Human Growth and Development	3
PSY 249	Abnormal Psychology	3
SPE 115	Principles of Speech Communications	3
TOTAL CREDITS		37

Occupational Therapy CORE Curriculum

OTA 115	Principles and Practices of OT	2
OTA 210	Occupational Therapy Modalities	5
OTA 220	Theories & Techniques	5
OTA 221	OTA Level I Fieldwork A	2
OTA 222	OTA Level II Fieldwork B	2
OTA 223	Level II Fieldwork A	5
OTA 224	Level II Fieldwork B	5
OTA 230	Conditions & Applied Techniques in Occupational Therapy	5
OTA 240	OTA Procedures	5
OTA 245	OTA Practice Management	2
TOTAL CREDITS		38

TOTAL PROGRAM CREDITS 75

Placement rate for Occupational Therapy Assistant graduates in 1996 who were seeking work was 100% based on student surveys returned.

PHYSICAL THERAPIST ASSISTANT

Physical Therapy is among the top ten fastest growing occupational areas in the nation. Morgan Community College is a member of the Colorado Community Colleges Physical Therapist Assistant Consortium to train physical therapist assistants. As a professional health care specialist this occupation is projected to be in high demand beyond the year 2000.

Physical Therapist Assistant (PTA) activity is in the restoration and maintenance of health, post-operative rehabilitation and working with chronically disabled. About 40 percent of the work force efforts are in hospitals, 30 percent in nursing homes and the balance in other settings, such as rehabilitation centers, home health programs, and private practitioners' offices. The curriculum will combine a blend of academic subjects and specialized occupation classes with emphasis on clinic experiences. Successful completion of 14 credits of general education requirements is necessary before application to the clinical phase of the program.

The Physical Therapist Assistant Program is accredited by the Commission on Accreditation in Physical Therapy Education (CAPTE).

**PHYSICAL THERAPIST ASSISTANT
Associate of Applied Science**

General Education Requirements

BIO 201	Human Anatomy & Physiology I	4
BIO 202	Human Anatomy & Physiology II	4
BIO 216	Pathophysiology	5
BIO 245	Kinesiology	4
ENG 121	English Composition I	3
HEA 116	Medical Terminology	2
MAT 115	College Mathematics (or higher)	3
PSY 101	General Psychology I	3
PSY 235	Human Growth & Development	3
SPE 115	Principles of Speech Communication	3
TOTAL CREDITS		34

Physical Therapist Assistant

CORE Curriculum

PTA 115	Principles and Practice of Physical Therapy	2
PTA 210	Physical Therapy Procedures I	5
PTA 220	Physical Therapy Procedures II	5
PTA 221	PTA Clinic Internship I	2
PTA 222	PTA Clinic Internship II	2
PTA 223	PTA Clinic Internship III	5
PTA 224	PTA Clinic Internship IV	5
PTA 230	Physical Therapy Procedures III	5
PTA 235	Principles of Electrical Stimulation	2
PTA 240	Physical Therapy Procedures IV	5
PTA 245	Physical Therapist Assistant Seminar	2
TOTAL CREDITS		40
TOTAL PROGRAM CREDITS		74

Not all courses are offered every semester. Please check with your program advisor.

Placement rate for Physical Therapist Assistant graduates in 1996 who were seeking work was 100% based on student surveys returned.

HEALTH OCCUPATIONS CERTIFICATE PROGRAMS

The Health Occupations Certificate Programs are designed to prepare students for entry level employment or to provide supplemental training for persons previously, or currently employed in the health care field. Students may transfer CORE courses into an AGS degree as well as articulate credits with appropriate programs.

MEDICAL ASSISTANT

The Medical Assistant Certificate Program prepares students for entry level employment in the health care field and for taking the Certified Medical Assisting Exam (CMA).

Required Courses

General Education and Health Science Courses

BIO 201	Anatomy and Physiology I	4
BIO 202	Anatomy and Physiology II	4
BTE 208	Office Administration	3
CIS 149	Computer Applications For Health	3
COM 105	Career Communications	3
HEA 116	Medical Terminology	2
HEA 147	Medical/Dental Spanish	2
PED 105	CPR	1
PED 125	Standard First Aid-Responding to Emergencies	2
PSY 235	Human Growth and Development	3
TOTAL		27

Medical Assistant CORE Curriculum

HEA 107	Illness and the Care Provider	1
HEA 117	Health Care Lab I	2
HEA 121	Medical Radiology	4
HEA 123	Medical Laboratory Procedures	3
HEA 129	Health Care Skills	3
OR		
NUR 108	Nurse Aide Skills	3
HEA 145	History, Law and Ethics	1
HEA 148	Pharmacology Principles and Administration	1
HEA 187	Medical Assisting Externship II	4
TOTAL		19
TOTAL PROGRAM CREDITS		46

MEDICAL RECEPTIONIST

Students learn maintenance and clerical skills needed for entry level employment in dental and medical offices and clinics.

Required Courses

General Education and Health Sciences Courses

BIO 106	Basic Human Anatomy	2
COM 105	Career Communications	3
CIS 149	Computer Applications For Health	3
HEA 116	Medical Terminology	2
HEA 147	Medical/Dental Spanish	2
PED 125	Standard First Aid-Responding to Emergencies	2
TOTAL		14

Medical Receptionist CORE Curriculum

BTE 108	Ten Key by Touch	1
BTE 208	Office Administration	3
BTE 216	Medical Transcription	2
BUS 218	Records Management	3
HEA 117	Health Care Lab I	2
HEA 145	History, Law and Ethics	1
HEA 146	Health Insurance Methods & Claims	3
TOTAL		15
TOTAL PROGRAM CREDITS		29

HEALTH CARE ASSISTANT (AIDE) Certificate

Health Care Assistant (Aide) program prepares individuals for beginning employment in the health care field at an aide level. Basic health skills are demonstrated and applied in a health care setting.

Health Care Assistant CORE Curriculum

HEA 107	Illness and the Care Provider	1
HEA 117	Health Care Lab I	2
HEA 118	Health Care Lab II	2
HEA 129	Health Care Skills I	3
HEA 130	Health Care Skills II	3
PED 105	CPR	1
PED 125	Standard First Aid-Responding to Emergencies	2
TOTAL PROGRAM CREDITS		14

Recommended Electives

COM 105	Career Communications	3
HEA 116	Medical Terminology	2

Not all courses are offered every semester. Please check with your program advisor.

Placement rate of postsecondary Health Care Assistant graduates in 1996 who were seeking work was 100% based on student surveys returned.

**NURSE'S AIDE
Certificate**

Nurse's Assistant (Aide) meets the guidelines outlined for state certification. It prepares the Nurse's Assistant to work in acute care and long term care facilities performing duties related to personal care of the patient.

Nurse's Aide CORE Curriculum

HEA 107	Illness and the Care Provider	1
HEA 117	Health Care Lab I	2
NUR 108	Nurse Aide Skills	3
TOTAL PROGRAM CREDITS		6

Recommended Electives

COM 105	Career Communications	3
PED 105	CPR	1
PED 125	Standard First Aid-Responding to Emergencies	2

Not all courses are offered every semester. Please check with your program advisor.

**EMERGENCY MEDICAL
TECHNOLOGY - BASIC
Certificate**

The Emergency Medical Technology program is approved by the Colorado State Department of Health and prepares graduates for all jobs where such a certificate is required by statute, for example, that of ambulance driver or any other first responder occupation. Both Emergency Medical Technology - Basic and Emergency Medical Technology - Intermediate are offered annually.

EMT 105	Emergency Medical Technology Basic	8
TOTAL PROGRAM CREDITS		8

**EMERGENCY MEDICAL
TECHNOLOGY - INTERMEDIATE
Certificate**

The Emergency Medical Technology - Intermediate is designed for certified EMT's who are actively involved in providing emergency medical care. Successful completion of EMT-B is a pre-requisite

EMT 107	Emergency Medical Technology Intermediate	12
TOTAL PROGRAM CREDITS		12

Continuing certification courses are also available in these broad categories of Emergency Medical Services each year:

- Trauma
- Medical Electives
- IV Therapy

which allows for certificate renewal as an EMT-B and EMT-I.

NOT ALL COURSES ARE OFFERED EVERY SEMESTER. PLEASE CHECK WITH YOUR PROGRAM ADVISOR.

**CERTIFIED MASSAGE THERAPIST
(CMT) PROGRAM**

This program is based on the American Massage Therapy Association guidelines for schools and meets the criteria for state certification, i.e., 500 hours of in-class, supervised instruction. It is designed for health care professionals, as an additional certification, or as an entry level practitioner in the health care field. The 500 hour certificate program will meet the guidelines for Colorado's state law entitled "The Massage Parlor Act" which recognizes that 500 hour graduates of state approved schools are qualified to practice massage within the state.

Required Courses

BIO 201	Anatomy and Physiology I	4
BIO 245	Kinesiology	4
HEA 107	Illness and the Care Provider	1
COM 105	Career Communications	3
HEA 205	Massage Theory and Techniques	5
HEA 206	Professional Massage	3
HEA 207	Clinical Massage	2
HEC 115	Human Nutrition	3
PED 110	Physical Fitness	1
	OR	
HEA 138	Lifestyle Wellness	1
TOTAL PROGRAM CREDITS		26

CPR and First Aid certification required prior to clinical application.

PEOPLE, PLACES, EVENTS

