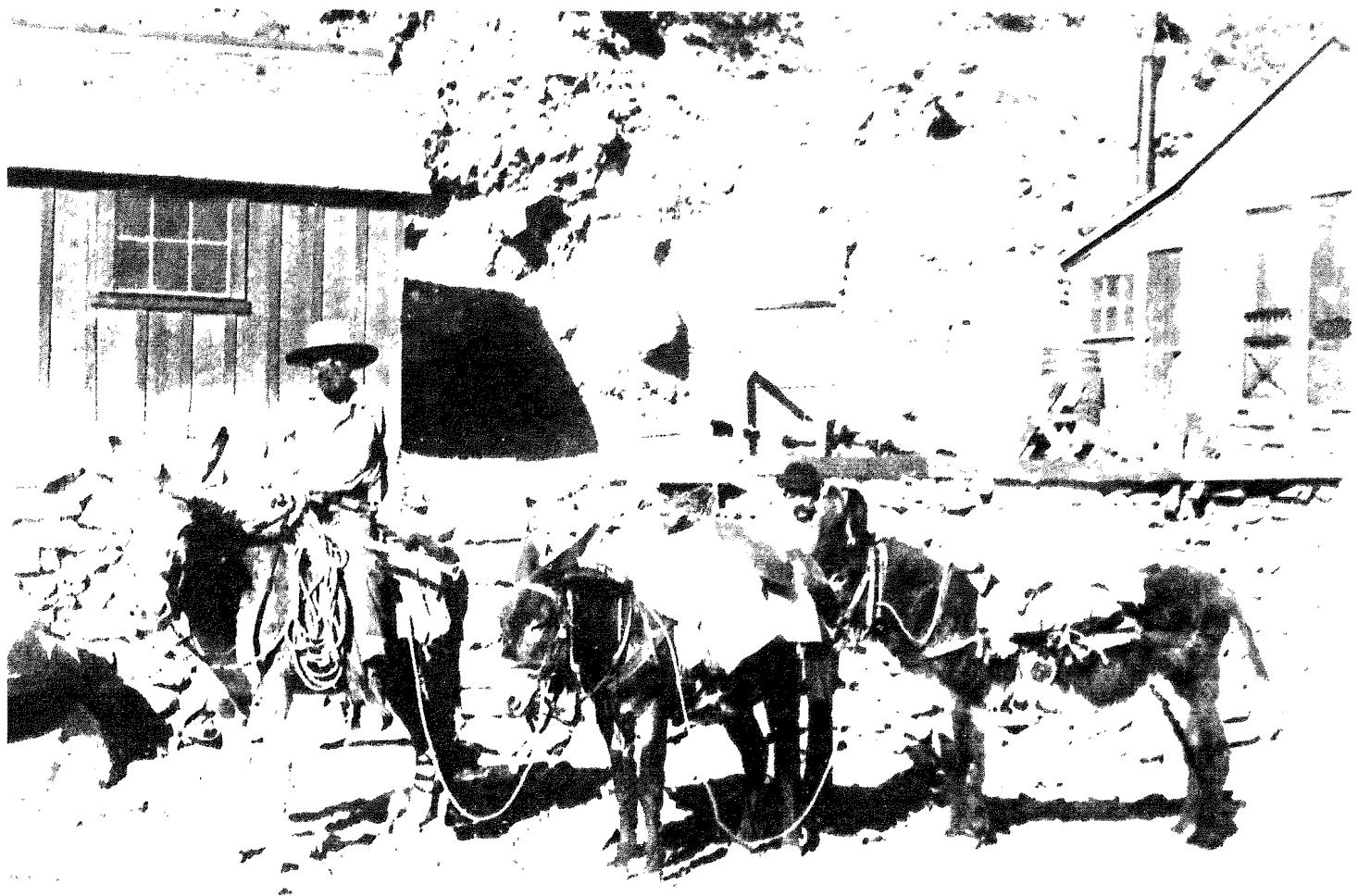


COCHISE COLLEGE



1998-1999

Catalog Addendum

PART TWO



COCHISE COLLEGE

DISTRICT OFFICES

4190 West Highway 80
Douglas, Arizona 85607-9724
(520) 364-7943

BENSON CENTER

579 West Fourth Street
Benson, Arizona 85602
520-586-4495

FORT HUACHUCA CENTER

Commander, USAIC
Ft. Huachuca, Arizona
Attn: ATZS-CPH-E (8)
Building 52104
Ft. Huachuca, Arizona 85613-6000
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901 North Colombo
Sierra Vista, Arizona 85635
(520) 515-0500

WILCOX CENTER

1110 West Fremont
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(520) 384-4502

Toll Free Phone Number: 1-800-966-7943
(Hours 8:00 a.m. to 4:00 p.m.)

GOVERNING BOARD

Mrs. Jan Guy, Chair
Dr. Randall H. Groth, Secretary
Ms. Jane Livingston, Member
Mr. Bob Nelson, Member
Mr. Natalio Sabal, Member

ARIZONA STATE COMMUNITY BOARD

Mr. Ted Fichtl, Cochise County Representative

PRESIDENT

Dr. Karen Nicodermus

All information-including statements on tuition, fees, course offerings, admission and graduation requirements-is subject to change without notice, obligation or liability.

Published: November 1998

Cochise College is an equal opportunity, affirmative action employer and educational institution committed to excellence through diversity. Please refer to page 225, Cochise College Catalog 1997-1998.

PLEASE NOTE:

Since the publication of the 1998-1999 Catalog Addendum, the Cochise College Governing Board has made changes that directly affect students. These changes include new programs, degrees, certificates, courses, and course modifications described in this catalog addendum. Students entering Cochise College before 1/1/99 may still use the catalog in place at the time of initial enrollment providing enrollment has been continuous.

OUR DEGREES ARE CHANGING

To ensure a smooth transfer from a community college to a state university, Arizona community colleges and public universities have agreed to develop three new transfer degrees: Associate of Arts, Associate of Business, and Associate of Science.

In cooperation with this effort, Cochise College beginning January 1, 1999, is offering three new degrees for transfer. We continue to offer a revised Associate of General Studies Degree, an Associate of Applied Science Degree and a variety of certificates for vocational training. The changes listed below are detailed on the following pages.

New Transfer Degrees

Associate of Arts (AA)
Associate of Business (ABus)
Associate of Science (AS)

Revised Degree

Associate of General Studies (AGS)

New Direct Employment Degree

Associate of Applied Science (AAS)
Network Management

New and Revised Certificates

Management
Network Support
Paramedicine
PC Maintenance and Repair
Supervisory Management

Three references are required for a current listing of Cochise College degrees and programs: 1997-1999 catalog, Addendum I and Addendum II. Where to Look provides a quick user guide to these three references.

WHERE TO LOOK

- Beginning January 1, 1999, all AA, AGS, and AS degree programs found on pages 54-79 in the 1997-1999 Catalog replace the degree programs found in this addendum. Students entering Cochise in January 1999 must follow the Addendum II.
- Students enrolled prior to January 1999, may choose to graduate under any catalog in effect during enrollment as long as they have not sat out for more than a year at any time.

DEGREES AND CERTIFICATES

NEW DEGREE OVERVIEW

Addendum II Page 5

DEGREE REQUIREMENTS

Addendum II Page 6

ARIZONA GENERAL EDUCATION

CURRICULUM (AGEC)

TRANSFER BLOCKS

Addendum II Page 7

ASSOCIATE OF ARTS

General Requirements Addendum II Page 8-9

Administration of Justice Addendum II Page 10

Art Addendum II Page 10

Fine Arts Addendum II Page 11

English Addendum II Page 11

Exercise Science, Health, Physical Education, Recreation and Wellness Addendum II Page 11

Family and Consumer Sciences Addendum II Page 12

History Addendum II Page 12

Journalism and Media Arts Addendum II Page 12

Language Addendum II Page 13

Political Science Addendum II Page 13

Psychology Addendum II Page 14

Social Work Addendum II Page 14

Sociology Addendum II Page 14

ASSOCIATE OF BUSINESS

General Business Addendum II Page 15

Computer Information Systems Addendum II Page 15

ASSOCIATE OF SCIENCE

Biology	Addendum II	Page 16
Chemistry	Addendum II	Page 16
Computer Science	Addendum II	Page 16

ASSOCIATE OF GENERAL STUDIES

Addendum II Page 17

ELECTIVES FOR AA, ABUS, AS AND AGS DEGREES

Addendum II Page 18

ASSOCIATE OF APPLIED SCIENCE

Administration of Justice 1997-1999 Catalog Page 54

Agriculture 1997-1999 Catalog page 55

Aviation Maintenance Technology 1997-1999 Catalog Page 57

Avionics Technology Under revision, contact Aviation Division

Computer Information Systems 1997-1999 Catalog Page 61

Culinary Arts Addendum I

Drafting and Design 1997-1999 Catalog Page 62

Electronics Technology Addendum I Page 19

Fire Science Technology 1997-1999 Catalog Page 64

Hospitality Administration 1997-1999 Catalog Page 65

Media Communications 1997-1999 Catalog Page 69

Network Management Addendum II Page 19

Nursing 1997-1999 Catalog Page 70

Paramedicine Addendum I

Powerplant Operation 1997-1999 Catalog Page 72

Professional Administrative Assistant 1997-1999 Catalog Page 73

Professional Pilot Technology 1997-1999 Catalog Page 58

Social Services 1997-1999 Catalog Page 78

Welding Technology 1997-1999 Catalog Page 79

CERTIFICATES			
Avionics Technology	1997-1999 Catalog	Page 80	Medical Transcriptionist
Building Maintenance**	1997-1999 Catalog	Page 89	Management
Business Machine Repair	Deleted		Microcomputer
Business Skills**	1997-1999 Catalog	Page 89	Practitioner
Certified Public Manager	1997-1999 Catalog	Page 80	Motor Transport
Chef de Cuisine- Food Preparation	Addendum I		Technology
Chef Garde-Manger	Addendum I		Network Administrator
Chef Patissier-Bakers	Addendum I		Network Support
Computer Programmer	1997-1999 Catalog	Page 81	Nursing Assistant
Computerized Office Applications	1997-1999 Catalog	Page 84	Office Assistant
Consumer Electronics Repair**	1997-1999 Catalog	Page 90	On-Line International Business
Correctional Officer Training Academy	1997-1999 Catalog	Page 82	Paralegal Studies
Custodial Services Certificate**	Addendum I		Paramedicine
Drafting and Design	1997-1999 Catalog	Page 82	PC Maintenance and Repair
Equine Science and Management	1997-1999 Catalog	Page 83	Principles of Technology
Entrepreneurship/Small Bus. Management	Addendum I		Deleted
Fire Science Technology	1997-1999 Catalog	Page 83	Print Media Arts
General Business	Addendum I		Receptionist
General Electronics Technician**	1997-1999 Catalog	Page 90	Social Services
Hospitality Administration	1997-1999 Catalog	Page 83	Sous Chef
International Communications	1997-1999 Catalog	Page 84	Supervisory Management
International Management	Addendum I		Teacher Aid I and II

UNIX System Administrator	Addendum I	Associate of Applied Science and Certificate Programs are described in the 1997-1999 catalog. Changes and additions to AAS and Certificate programs are listed in Addendum I and II.	1997-1999 Catalog	Page 88
Welding Technology	1997-1999 Catalog		1997-1999 Catalog	Page 88
Workplace English	1997-1999 Catalog		1997-1999 Catalog	Page 88
Workplace Spanish	1997-1999 Catalog		1997-1999 Catalog	Page 89

NEW COURSES	Addendum II	Pages 22-23
PROGRAM		
DELETIONS	Addendum II	Page 24
APPENDIX A-TGXR		
UNIVERSITY		
MAJORS	Addendum II	Pages 25-26

*Under construction

**Designed for the inmates of the Arizona Department of Corrections in Douglas

NEW DEGREE OVERVIEW

ASSOCIATE OF ARTS (AA)

AA transfers as a block of 64 credits to Arizona public universities.

General Education Requirements (AGEC-A) Credits

Composition	ENG 101, 102	6
Mathematics	MAT 151 or higher	3-5
Laboratory Science		8
Arts (A)		3
Humanities (H)		3
Social and Behavioral Sciences (SBS)		6
Information Literacy	CIS 116, 120*	3
General Education Elective		1-3
Total General Education Requirements		35

6 credits of A/H/SBS must be
Intensive Writing/Critical Inquiry Courses

Language Requirement*

Non-English Language 4th Semester Proficiency

16

Area of Emphasis or Electives

Total Degree Requirements

64

ASSOCIATE OF BUSINESS (ABUS)

ABus transfers as a block of 64 credits to Arizona public universities.

General Education Requirements (AGEC-B) Credits

Composition	ENG 101, 102	6
Mathematics	MAT 212	3
Laboratory Science		8
Arts (A)		3
Humanities (H)		3
Social and Behavioral Sciences (SBS)		6
Information Literacy	CIS 116, 120*	3
General Education Elective		3
Total General Education Requirements		35

6 credits of A/H/SBS must be Intensive
Writing/Critical Inquiry Courses

Area of Emphasis

Total Degree Requirements

29

64

ASSOCIATE OF SCIENCE (AS)

AS transfers as a block of 64 credits to Arizona public universities

General Education Requirements (AGEC-S) Credits

Composition	ENG 101, 102	6
Mathematics	MAT 220 or higher	3-5
Laboratory Science	PHY 230/231 or CHM 151/152 or BIO 184/190	8
Arts (A)		3
Humanities (H)		3
Social and Behavioral Sciences (SBS)		6
Information Literacy	CIS 116, 120*	3
General Education Elective		1-3
Total General Education Requirements		35

6 credits of A/H/SBS must be
Intensive Writing/Critical Inquiry Courses

Area of Emphasis

Total Degree Requirements

29

64

ASSOCIATE OF GENERAL STUDIES (AGS)

Not intended for Arizona public university transfer as a block of credit

General Education Requirements Credits

Composition	ENG 101 and one of the following: ENG 102, ENG 109, ENG 167, or ENG/CIS 279	6
Mathematics	MAT122 or higher	3
Laboratory Science		4
Arts (A)		3
Humanities (H)		3
Social and Behavioral Sciences (SBS)		6
Information Literacy	CIS 116, 120*	3
Foreign Language or Communications		3-4
General Education Elective		3-4
Total General Education Requirements		35

6 credits of A/H/SBS must be
Intensive Writing/Critical Inquiry Courses

Electives

Total Degree Requirements

29

64

*Students testing out of this requirement may choose elective credits

- Elective courses for the AA, ABus, and AS must be transferable to all three Arizona public universities.
- Courses included in the AA, AS or ABus degrees must be completed with a grade of C or better
- 12th grade reading equivalency is required for all Cochise College Degrees

DEGREE REQUIREMENTS

AA, AS, ABUS

All courses in an AA, AS, or ABUS degree must be completed with a "C" or better and must be transferable to all Arizona public universities.

AGS

AGS degree requires a cumulative GPA of 2.0 or higher. Composition and mathematics courses used to meet general education requirements must have a grade of "C" or higher.

READING COMPETENCIES

Minimum Reading Competencies for students earning all degrees must meet one of the following criteria:

For Native Speakers:

Score 120 or higher on standardized reading test

Cumulative GPA of 3.0 for courses at the 100 level or above at the time of degree check

Completion of a reading course with a grade of "C" or better in which competency for the course is a 120 grade level or higher

For Non-native Speakers of English:

Any of the above, as stated for native speakers of English

A TOEFL score of 500 level or above, including a score of 50 on Section Three

Petition to a permanent standing committee comprised of an ESL representative, a reading representative and the appropriate instructional manager



AGEC TRANSFER BLOCKS

AGEC stands for Arizona General Education Curriculum. The AGEC is a statewide agreement between Arizona public community colleges and universities.

AGEC is a 35 credit general education curriculum block that fulfills the lower division general education requirements at any Arizona public community college or university.

The AGEC has three forms, the AGEC-A, AGEC-B, and AGEC-S.

AGEC-A		AGEC-B		AGEC-S	
General Education Requirements	Credits	General Education Requirements	Credits	General Education Requirements	Credits
Composition	ENG 101, 102	6	Composition	ENG 101, 102	6
Mathematics	MAT 151		Mathematics	MAT 212	3
	or higher	3-5	Laboratory Science		8
Laboratory Science		8	Arts		3
Arts		3	Humanities		3
Humanities		3	Social and Behavioral Sciences		6
Social and Behavioral Sciences		6	Information		
Information			Literacy	CIS 116, 120*	3
Literacy	CIS 116, 120*	3	General Education Elective		3
General Education Elective		1-3	Total General Education Requirements		35
Total General Education Requirements		35			

AGEC-A

The AGEC-A is a 35 credit block that fulfills the lower division general education requirements for university arts/liberal studies majors such as English, Social Science, Fine Arts, and Humanities. The block will transfer without loss of credit to any Arizona public community college or university.

AGEC-B

The AGEC-B is a 35 credit block that fulfills the lower division general education requirements for university business/information systems majors. The block will transfer without loss of credit to any Arizona public community college or university

AGEC-S

The AGEC-S is a 35 credit block that fulfills the lower division general education requirements for university math and science majors. The block will transfer to any Arizona public community college or university

*Students testing out of this requirement may choose general education elective credit

IMPORTANT TO KNOW

A list of courses to fulfill area requirements is found on page 18. The General Education Elective must also be selected from this list.

Courses included in the AGEC block transfer must be completed with a grade of "C" or better.

A course can have dual use. It may be used to fulfill both an AGEC requirement and a common course requirement in the associates degree. Total credits toward a degree are not waived.

TRANSFER GUIDE - EXCEPTIONAL REQUIREMENTS: TG-XR FOR TRANSFER STUDENTS IN PROFESSIONAL FIELDS (SEE APPENDIX A)

This option is for students who have decided on a university major in which the program requirements or prerequisites are so specific that a student must closely follow a university transfer guide. Students should not complete an AGEC block or associates degree. Majors in professional fields (for example, architecture, engineering, health professions, etc.) may have specific program requirements that must be completed before admission to the professional program. University transfer is on a course by course basis, not as a block transfer. See a Cochise College Counselor or Advisor for more information. See Appendix A at the end of the Addendum, pages 25-26

ASSOCIATE OF ARTS

This degree is for students who are transferring to a university as a liberal arts major.

The Associate of Arts degree transfers as a block of 64 credits to all Arizona public universities.

Students will transfer with junior standing without loss of credit and complete 56 units for a total of 120 credits for most degrees.

If a student is transferring to a private Arizona university, or an out-of-state university, their transfer credits will be evaluated on a course by course basis.

The Associate of Arts degree has 2 possible pathways:

Associate of Arts-General Requirements is for students who have not decided on a major

Associate of Arts-Special Requirements is for students who have decided on a major.

ASSOCIATE OF ARTS - GENERAL REQUIREMENTS (AA-GR)

ASSOCIATE OF ARTS

General Requirements (AA-GR)

General Education Requirements (AGEC-A)	Credits
Composition ENG 101, 102	6
Mathematics MAT 151 or higher	3-5
Laboratory Science	8
Arts	3
Humanities	3
Social and Behavioral Sciences	6
Information Literacy CIS 116, 120*	3
General Education Elective	1-3
Total General Education Requirements	35

6 credits of A/H/SBS must be
Intensive Writing/Critical Inquiry Courses

Language Requirement*

Non-English Language	4th Semester Proficiency	16
Electives**		13

Total Degree Requirements

EXPLORATORY COURSEWORK

WITHIN THE AA-GR

You can complete exploratory coursework at Cochise College in three ways:

1. Choose courses from the area of emphasis in any transfer degree (AA, ABus, AS)
2. Take any course of interest to you that is transferable to all three universities
3. Select coursework from the following areas
Anthropology
Art
Economics
English
Geography
History
Humanities
Journalism & Media Arts
Philosophy
Political Science
Psychology
Sociology

*Students testing out of this requirement may choose elective credits.

**Elective courses must be transferable to all three Arizona public universities.

LANGUAGE PROFICIENCY REQUIREMENT

Students are required to demonstrate language proficiency through coursework, transfer, credit by examination, and/or native language proficiency. Cochise College offers the following coursework: German, Latin, French and Spanish at the 101 and higher level.

Anthropology:

- ANT 101 Origin and Antiquity of Man
- ANT 102 Society and Culture

Art:

- ART 107 Survey of World Art: Prehistoric-Gothic
- ART 108 Survey of World Art: Renaissance through the Twentieth Century

Economics:

- ECN 201 Principles of Macroeconomics
- ECN 202 Principles of Microeconomics

English:

- ENG 220 British Literature I
- ENG 221 British Literature II

Geography:

- GEO 101 Physical Geography
- GEO 102 Cultural Geography
- GEO 121 World Regional Geography
- MAT 172 Finite Mathematics

History:

- HIS 110 History of the United States, 1607-1877
- HIS 111 History of the United States Since 1877
- POS 110 American National Government
- POS 230 World Politics

Humanities:

- Any Humanities Elective Course/No Common Core Classes

Journalism & Media Arts:

- COM 110 Public Speaking
- JRN 101 Mass Media
- JRN 102 Basic Reporting

Philosophy:

- PHI 111 Introduction to Philosophy
- PHI 113 Introduction to Logic and Language

Political Science:

- POS 110 American National Government
- POS 230 World Politics

Psychology:

- PSY 101 Introduction to Psychology
- PSY 230 Social Psychology
- PSY 250 Introduction to Psychological Research, Measurements & Statistics
- PSY 290 Experimental Psychology

Sociology:

- SOC 101 Introduction to Sociology
- SOC 160 Ethnic Groups and Minorities
- SOC 210 Marriage and Family
- SOC 202 Social Problems
- SOC 212 Women & Men in a Changing Society



ASSOCIATE OF ARTS - SPECIAL REQUIREMENTS (AA-SR)

The Associate of Arts-Special Requirements (AA-SR) pathway is for students who have decided on their university major. For the following university majors you are required to take specific common courses.

Administration of Justice
Art
Fine Art
English
Exercise Science, Health, Physical Education,
Recreation and Wellness
Family and Consumer
Sciences

History
Journalism and Media Arts
Language
Political Science
Psychology
Social Work
Sociology

ASSOCIATE OF ARTS

Special Requirements

Emphasis in Administration of Justice

General Education Requirements (AGEC-A) Credits		
Composition	ENG 101, 102	6
Mathematics	MAT 151 or higher	3-5
Laboratory Science		8
Arts		3
Humanities		3
Social and Behavioral Sciences		6
Information Literacy	CIS 116, 120*	3
General Education Elective		1-3
Total General Education Requirements		35

6 credits of A/H/SBS must be
Intensive Writing/Critical Inquiry Courses

Language Requirement*

Non-English Language
4th Semester Proficiency

16

Language Requirement*

Non-English Language
4th Semester Proficiency

16

Common Courses

Introduction to Administration of Justice	AJS 101	
Substantive Criminal Law	AJS 109	3
Procedural Criminal Law	AJS 260	3
Crime and Delinquency	AJS 225	3
Elective**		1
Total Common Courses		13
Total Degree Requirements		64

*Students testing out of this requirement may choose 16 elective credits.

**Elective courses must be transferable to all three Arizona public universities.

ASSOCIATE OF ARTS

Special Requirements

Emphasis in Art

General Education Requirements (AGEC-A) Credits		
Composition	ENG 101, 102	6
Mathematics	MAT 151 or higher	3-5
Laboratory Science		8
Arts		3
Humanities		3
Social and Behavioral Sciences		6
Information Literacy	CIS 116, 120*	3
General Education Elective		1-3
Total General Education Requirements		35

6 credits of A/H/SBS must be
Intensive Writing/Critical Inquiry Courses

Language Requirement*

Non-English Language
4th Semester Proficiency

16

Common Courses:

Survey of World Art	ART 107	3
Survey of World Art	ART 108	3
Electives	ART**	7
Total Common Courses		13
Total Degree Requirements		64

*Students testing out of this requirement may choose 16 elective credits.

**Elective courses must be transferable to all three Arizona public universities.

ASSOCIATE OF ARTS

Special Requirements

Emphasis in Fine Art

General Education Requirements (AGEC-A) Credits

Composition	ENG 101, 102	6
Mathematics	MAT 151 or higher	3-5
Laboratory Science		8
Arts		3
Humanities		3
Social and Behavioral Sciences		6
Information Literacy	CIS 116, 120*	3
General Education Elective		1-3
Total General Education Requirements		35

6 credits of A/H/SBS must be
Intensive Writing/Critical Inquiry Courses

Language Requirement*

Non-English Language

4th Semester Proficiency

Language Requirement*

Non-English Language

4th Semester Proficiency 16

Common Courses

British Literature I	ENG 220	3
British Literature II	ENG 221	3
Select 3 credits from:		3
American Literature I	ENG 224	3
American Literature II	ENG 225	3
Major American		
Writers	ENG 265	3
Electives**		4
Total Common Courses		13

Total Degree Requirements

*Students testing out of this requirement may choose elective credits.

**Elective courses must be transferable to all three Arizona public universities

Common Courses:

Select 13 credits from:

Survey of World Art	ART 107	3
Survey of World Art	ART 108	3
Two Dimensional Drawing	ART 103	3
Drawing I	ART 107	3
Three Dimensional Drawing	ART 231	3
Elective		1
Total Common Courses		13

NOTE: ART 107 and/or ART 108 must be taken in the General Education Block or student will exceed 64 credits to obtain Associates Degree.

Total Degree Requirements

64

*Students testing out of this requirement may choose 16 elective credits.

**Elective courses must be transferable to all three Arizona public universities.

ASSOCIATE OF ARTS

Special Requirements

Emphasis in English

General Education Requirements (AGEC-A) Credits

Composition	ENG 101, 102	6
Mathematics	MAT 151 or higher	3-4
Laboratory Science		8
Arts		3
Humanities		3
Social and Behavioral Sciences		6
Information Literacy	CIS 116, 120*	3
General Education Elective		1-3
Total General Education Requirements		35

6 credits of A/H/SFS must be
Intensive Writing/Critical Inquiry Courses

Language Requirement*

Non-English Language

4th Semester Proficiency 16

Common Courses

British Literature I	ENG 220	3
British Literature II	ENG 221	3
Select 3 credits from:		3
American Literature I	ENG 224	3
American Literature II	ENG 225	3
Major American		
Writers	ENG 265	3
Electives**		4
Total Common Courses		13

Total Degree Requirements

*Students testing out of this requirement may choose elective credits.

**Elective courses must be transferable to all three Arizona public universities

ASSOCIATE OF ARTS

Special Requirements

Emphasis In Exercise Science, Health, & Physical Education, Recreation and Wellness

General Education Requirements (AGEC-A) Credits

Composition	ENG 101, 102	6
Mathematics	MAT 151 or higher	3-5
Laboratory Science		8
Arts		3
Humanities		3
Social and Behavioral Sciences		6
Information Literacy	CIS 116, 120*	3
General Education Elective		1-3
Total General Education Requirements		35

6 credits of A/H/SBS must be

Intensive Writing/Critical Inquiry Courses

Language Requirement*

Non-English Language

4th Semester Proficiency

16

Common Courses

Human Anatomy and Physiology I	BIO 201	4
Human Anatomy and Physiology II	BIO 202	4
Electives**		5
Total Common Courses		13

Total Degree Requirements

*Students testing out of this requirement may choose elective credits.

**Elective courses must be transferable to all three Arizona public universities

BIO 201 and BIO 202 could be used as general education lab science. Total credits are not waived.

ASSOCIATE OF ARTS

Special Requirements

Emphasis in Family and Consumer Sciences

General Education Requirements (AGEC-A) Credits

Composition	ENG 101, 102	6
Mathematics	MAT 151 or higher	3-5
Laboratory Science		8
Arts		3
Humanities		3
Social and Behavioral Sciences		6
Information Literacy	CIS 116, 120*	3
General Education Elective		1-3
Total General Education Requirements		35

6 credits of A/H/SBS must be
Intensive Writing/Critical Inquiry Courses

Language Requirement*

Non-English Language
4th Semester Proficiency

Language Requirement*

Non-English Language
4th Semester Proficiency

16

Common Courses

Select 13 credits from		13
History of the United States, 1607-1877	HIS 110	3
History of the United States Since 1877	HIS 111	3
Survey of Western Civilization I	HIS 140	3
Survey of Western Civilization II	HIS 141	3
Survey of Western Civilization III	HIS 142	3
Elective		1
Total Common Courses		13

Recommend taking one of the history classes above as part of the AGEC block.

Total Degree Requirements

64

*Students testing out of this requirement may choose elective credits

**Elective courses must be transferable to all three Arizona public universities

ASSOCIATE OF ARTS

Special Requirements

Emphasis in Journalism and Media Arts

General Education Requirements (AGEC-A) Credits

Composition	ENG 101, 102	6
Mathematics	MAT 151 or higher	3-5
Laboratory Science		8
Arts		3
Humanities		3
Social and Behavioral Sciences		6
Information Literacy	CIS 116, 120*	3
General Education Elective		1-3
Total General Education Requirements		35

6 credits of A/H/SBS must be
Intensive Writing/Critical Inquiry Courses

Language Requirement*

Non-English Language
4th Semester Proficiency

16

ASSOCIATE OF ARTS

Special Requirements

Emphasis in History

General Education Requirements (AGEC-A) Credits

Composition	ENG 101, 102	6
Mathematics	MAT 151 or higher	3-5
Laboratory Science		8
Arts		3
Humanities		3
Social and Behavioral Sciences		6
Information Literacy	CIS 116, 120*	3
General Education Elective		1-3
Total General Education Requirements		35

6 credits of A/H/SBS must be
Intensive Writing/Critical Inquiry Courses

Common Courses

Intro to Mass		
Communications	JRN 101	3
Basic Reporting	JRN 102	3
Public Speaking	COM 110	3
Electives**		4
Total Common Courses		13
Total Degree Requirements		64

*Students testing out of this requirement may choose elective credits.

**Elective courses must be transferable to all three Arizona public universities.

ASSOCIATE OF ARTS

Special Requirements

Emphasis in Political Science

General Education Requirements (AGEC-A) Credits

Composition	ENG 101, 102	6
Mathematics	MAT 151 or higher	3-5
Laboratory Science		8
Arts		3
Humanities		3
Social and Behavioral Sciences		6
Information Literacy	CIS 116, 120*	3
General Education Elective		1-3
Total General Education Requirements		35

6 credits of A/H/SBS must be
Intensive Writing/Critical Inquiry Courses

Language Requirement*

Non-English Language

4th Semester Proficiency

16

Common Courses

American National

Government	POS 110	3
World Politics	POS 230	3
Comparative Politics	POS 240	3
Electives**		4
Total Common Courses		13

Total Degree Requirements

64

*Students testing out of this requirement may choose elective credits.

**Elective courses must be transferable to all three Arizona public universities.

ASSOCIATE OF ARTS

Special Requirements

Emphasis in Language

General Education Requirements (AGEC-A) Credits	
Composition	ENG 101, 102
Mathematics	MAT 151 or higher
Laboratory Science	
Arts	
Humanities	
Social and Behavioral Sciences	
Information Literacy	CIS 116, 120*
General Education Elective	1-3
Total General Education Requirements	35

6 credits of A/H/SBS must be
Intensive Writing/Critical Inquiry Courses

Language Requirement*

Non-English Language

4th Semester Proficiency

16

Common Courses

Select 12 credits from:

 Introduction to the
 English Language ENG 255

OR Introduction to

 Linguistics LIN 101

 Introduction to
 Spanish Literature I SPA 220

 Introduction to
 Spanish Literature II SPA 221

 Introduction to
 Mexican Literature I SPA 224

 Introduction to Mexican
 Literature II SPA 225

 Intermediate Spanish
 Conversation

 and Composition SPA 275

 Intermediate Composition
 and Conversation SPA 276

 Elective** 1

Total Common Courses 13

Total Degree Requirements

*Students testing out of this requirement may choose elective credits.

**Elective courses must be transferable to all three Arizona public universities.

ASSOCIATE OF ARTS

Special Requirements

Emphasis In Psychology

General Education Requirements (AGEC-A) Credits

Composition	ENG 101, 102	6
Mathematics	MAT 151 or higher	3-5
Laboratory Science		8
Arts		3
Humanities		3
Social and Behavioral Sciences		6
Information Literacy	CIS 116, 120*	3
General Education Elective		1-3
Total General Education Requirements		35

6 credits of A/H/SBS must be
Intensive Writing/Critical Inquiry Courses

Language Requirement*

Non-English Language

4th Semester Proficiency

16

Common Courses

Introduction to Psychology	PSY 101	3
Social Psychology	PSY 210	3
Introduction to Psychological Research, Measurement & Statistics	PSY 250	3
Experimental Psychology	PSY 290	3
Electives**		1
Total Common Courses		13
Total Degree Requirements		64

*Students testing out of this requirement may choose elective credits.

**Elective courses must be transferable to all three Arizona public universities.

ASSOCIATE OF ARTS

Special Requirements

Emphasis In Social Work

General Education Requirements (AGEC-A) Credits

Composition	ENG 101, 102	6
Mathematics	MAT 151 or higher	3-5
Laboratory Science		8
Arts		3
Humanities		3
Social and Behavioral Sciences:		6
Information Literacy	CIS 116, 120*	3
General Education Elective		3
Total General Education Requirements		35

6 credits of A/H/SBS must be
Intensive Writing/Critical Inquiry Courses

Language Requirement*

Non-English Language

4th Semester Proficiency

16

Common Courses

Introduction to Psychology	PSY 101	3
Introduction to Social Work	SOC 207	3
Introduction to Psychological Research, Measurement & Statistics	PSY 250	3
Developmental Psychology	PSY 240	3
Elective Course**		1
Total Common Courses		13
Recommended elective: PHI 111 Intro to Philosophy or PHI 130 Ethics		
Total Degree Requirements		64

*Students testing out of this requirement may choose elective credits.

**Elective course must be transferable to all three Arizona public universities.

ASSOCIATE OF ARTS

Special Requirements

Emphasis In Sociology

General Education Requirements (AGEC-A)	Credits
Composition	ENG 101, 102
Mathematics	MAT 151 or higher
Laboratory Science	
Arts	
Humanities	
Social and Behavioral Sciences	
Information Literacy	CIS 116, 120*
General Education Elective	
Total General Education Requirements	35

6 credits of A/H/SBS must be
Intensive Writing/Critical Inquiry Courses

Language Requirement*

Non-English Language

4th Semester Proficiency

16

Common Courses

Select 12 credits from:		12
Introduction to Sociology		SOC 101
Ethnic Groups and Minorities		3
Social Problems	SOC 202	3
Marriage and Family	SOC 210	3
Women & Men in a Changing Society	SOC 212	3
Elective Course**		1
Total Common Courses		13
Total Degree Requirements		64

*Students testing out of this requirement may choose elective credits.

**Elective course must be transferable to all three Arizona public universities.

ASSOCIATE OF BUSINESS

The Associate of Business (ABus) degree transfers as a block of 64 credits to all Arizona public universities. Students will transfer with junior standing without loss of credit and complete 56 units for a total of 120 credits for most degrees.

There are two ABus transfer pathways available at Cochise College: General Business and Computer Information Systems.

ASSOCIATE OF BUSINESS

General Requirements

Emphasis in General Business

General Education Requirements (AGEC-B) Credits

Composition	ENG 101, 102	6
Mathematics	MAT 212	3
Laboratory Science		8
Arts		3
Humanities		3
Social and Behavioral Sciences		6
Information Literacy	CIS 116, 120*	3
General Education Elective		3
Total General Education Requirements		35

Common Courses

Quantitative Business

Analysis	BUS 172	3
Financial Accounting	BUS 201	3
Managerial Accounting	BUS 202	3
Business Statistics	BUS 219	3
Legal Environment of Business	BUS 233	3
Principles of Macroeconomics	ECN 201	3
Principles of Microeconomics	ECN 202	3

CHOOSE STUDY AREA BELOW

General Business Study Area

Introduction to Data

Processing	CIS 120	3
Business Elective	BUS/ECN Prefix**	5

Accounting Study Area

Object Oriented Programming	CIS 227	4
Programming (select one)		4

COBOL Programming	CIS 202	4
JAVA Programming	CIS 208	4
Windows Programming	CIS 218	4

Total Common Courses		29
Total Degree Requirements		64

*Students testing out of this requirement may choose general education credits.

**Elective courses must be transferable to all three Arizona public universities.

Note: ABus requires Business Calculus; Calculus I, II, and/or III do not substitute for this requirement.

ASSOCIATE OF BUSINESS

Special Requirements

Emphasis in Computer Information Systems

General Education Requirements (AGEC-B) Credits

Composition	ENG 101, 102	6
Mathematics	MAT 212	3
Laboratory Science		8
Arts		3
Humanities		3
Social and Behavioral Sciences		6
Information Literacy	CIS 116, 120*	3
General Education Elective		3
Total General Education Requirements		35

Common Courses

Quantitative Business

Analysis	BUS 172	3
Financial Accounting	BUS 201	3
Managerial Accounting	BUS 202	3
Business Statistics	BUS 219	3
Programming (Select One)		4
C Programming	CIS 204	4
Object Oriented		4
Programming	CIS 227	4
Programming (Select One)		4
COBOL Programming	CIS 202	4
JAVA Programming	CIS 208	4
Windows Programming	CIS 218	4
Principles of Macroeconomics	ECN 201	3
Principles of Microeconomics	ECN 202	3
Elective	BUS/CIS Prefix**	3
Total Common Courses		29

Total Degree Requirements

*Students testing out of this requirement may choose general education credits.

**Elective courses must be transferable to all three Arizona public universities.

ASSOCIATE OF SCIENCE

The Associate of Science degree is designed to transfer as a block of 64 credits to all Arizona public universities. Students will transfer with junior standing without loss of credit and complete 56 units for a total of 120 credits for most degrees. There are three AS transfer pathways available at Cochise College: Biology, Chemistry and Computer Science.

ASSOCIATE OF SCIENCE

Special Requirements

Emphasis in Biology

General Education Requirements (AGEC-S) Credits

Composition	ENG 101, 102	6
Mathematics	MAT 220 or higher	3-5
Laboratory Science	PHY 230/231 OR CHM 151/152	8
Arts		3
Humanities		3
Social and Behavioral Sciences		6
Information Literacy	CIS 116, 120*	3
General Education Elective**		1-3
Total General Education Requirements		35

Common Courses

Plant Biology	BIO 184	4
Animal Biology	BIO 190	4
Electives**		21

Students are advised to take Chemistry and Biology. May count as AGEC or Common Courses.

Total Common Courses		29
Total Degree Requirements		64

ASSOCIATE OF SCIENCE DEGREE

Special Requirements

Emphasis in Chemistry

General Education Requirements (AGEC-S)	Credits	
Composition	ENG 101, 102	6
Mathematics	MAT 220 or higher	3-5
Laboratory Science	PHY 230/231 OR CHM 151/152	8
Arts		3
Humanities		3
Social and Behavioral Sciences		6
Information Literacy	CIS 116, 120*	3
General Education Electives**		1-3
Total General Education Requirements		35

Common Courses

General Organic Chemistry	CHM 235	4
General Organic Chemistry II	CHM 236	4
Laboratory Science	PHY 230/231 OR CHM 151/152	8
Calculus II	MAT 231	4

Electives**	9
Total Common Courses	29
Total Degree Requirements	64

Students are required to take PHY 230/231 and CHM 151/152; may count as AGEC or Common Courses.

NOTE. Calculus III is recommended for university transfer, not required.

*Students testing out of this requirement may choose general education elective credit.

**Elective courses must be transferable to all three Arizona public universities.

ASSOCIATE OF SCIENCE

Special Requirements

Emphasis in Computer Science

General Education Requirements (AGEC-S)	Credits
Composition	ENG 101, 102
Mathematics	MAT 220 or higher
Laboratory Science	PHY 230/231
Arts	3
Humanities	3
Social and Behavioral Sciences	6
Information Literacy	CIS 116, 120*
General Education Elective**	1-3
Total General Education Requirements	35

Common Courses

Programming Language (Select One)	4
C Programming	CIS 204
JAVA Programming	CIS 208
Data Structures	
(Same Lang. as above)	CIS 220
Digital Logic	CIS 221
Discrete Math	MAT 227
Calculus II	MAT 231
Calculus III	MAT 241
Assembler w/Architecture	CIS 206
Chemistry	CHM 151
Total Common Courses	30

Total Degree Requirements	64
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CIS 130 is a prerequisite for programming classes.

**Elective courses must be transferable to all three Arizona public universities.

ASSOCIATE OF GENERAL STUDIES

The Associate of General Studies (AGS) degree is designed for students who wish to develop a program of study to meet their individual educational needs. See an advisor or counselor for additional information on the AGS degree.

ASSOCIATE OF GENERAL STUDIES (AGS)

General Education Requirements	Credits
Composition	ENG 101 and one of the following: ENG: 102, ENG 109, ENG 167 or ENG/CIS 279
Mathematics	MAT 122 or higher
Laboratory Science	3-5
Arts	4
Humanities	3
Social and Behavioral Sciences	3
Information Literacy	CIS 116, 120*
Foreign Language or Communications	6
General Education Elective	3-4
Total General Education Requirements	1-4
Electives	35
Total Degree Requirements	29
	64

*Students testing out of this requirement may choose elective credits.

- The AGS degree requires a cumulative GPA of 2.0 or higher.
- Composition and mathematics courses used to meet general education requirements must have a grade of C or better.
- Electives may be selected from any Cochise College course at or above 100 level.

ELECTIVES FOR AA, ABUS, AS AND AGS DEGREES

There are two kinds of electives:

General Education Elective - Part of the 35 credit Gen Ed block. Any course in the list below or HPE179 may be used as a Gen Ed elective.

Degree Elective - Used to complete the 64 credit degree requirement

COURSES WHICH MEET GENERAL EDUCATION REQUIREMENTS (GER) FOR THE AA, ABUS, AS, AND AGS

THE LIST

Composition:	ENG101, ENG102
Mathematics:	MAT151, MAT172, MAT182, MAT187, MAT212, MAT220, MAT227, MAT231, MAT241, MAT252, MAT262
Lab Science:	AST180, BIO101, BIO105, BIO160, BIO183, BIO184, BIO190, BIO201, BIO202, BIO205, BIO226, CHM100, CHM130, CHM140, CHM151, CHM152, CHM235, CHM236, GEO101, GLG101, GLG102, GLG110, PHY111, PHY112, PHY230, PHY231
Social & Behavioral Sciences:*	ECN 201, ECN202, GEO102, GEO104, GEO105, GEO121, HIS110, HIS111, HIS140, HIS141, HIS142, POS100, POS220, POS230, POS240, PSY101, PSY 210, PSY230, PSY240, SOC101, SOC160, SOC202, SOC210, SOC230, SSV273
Arts:*	ART103, ART106, ART107, ART108, ART120, ART230, ART231, ART270, ART275, ART280, ART 281, ENG119, ENG219, MUS101, MUS109, MUS110, MUS133
Humanities:*	ART103, ART106, ART107, ART108, ENG209, ENG210, ENG219, ENG220, ENG221, ENG222, ENG226, ENG227, ENG228, ENG265, HUM205,

DEGREE ELECTIVES FOR AA, ABUS, AND AS

AA, ABus, and AS elective courses must transfer to all three Arizona public universities. Select from this list or see a Course Equivalency Guide for additional courses that transfer to all three universities. Advisors can help choose the elective courses based on the Arizona Course Equivalency Guide information.

DEGREE ELECTIVES FOR THE AGS

Electives may be selected from any Cochise College course above 100 level.

HUM206, HUM207, JRN102, MUS102, PHI111, PHI130, PHI201, SPA221, SPA225, THE103,

Information Literacy: CIS116, CIS120

Intensive Writing/
Critical Inquiry:** ENG119, ENG209, ENG219, ENG220, ENG221, ENG222, ENG226, ENG227, ENG228, ENG265, HIS140, HIS141, HIS142, HUM205, HUM206, HUM207, PHI111, PHI130, PSY240, SOC210

General Education Electives: Courses that satisfy one of the areas above and HPE 179.

This list applies to new degrees effective 1/1/99.

*Courses in the Arts, Humanities, and Social & Behavioral Sciences have content addressing ethnic/race/gender awareness, and contemporary global/international or historical awareness embedded in the coursework.

**The AA, ABus, AGS and AS require 6 credits of Intensive Writing/Critical Inquiry. Students can use Intensive Writing/Critical Inquiry courses to satisfy Arts, Humanities, Social and Behavioral Science requirements.

NEW AAS DEGREES APPROVED SINCE 97-99 CATALOG PUBLICATION

The Associate of Applied Science (AAS) degree is designed to prepare graduates for employment in a specific career. Students should meet with an advisor or counselor to plan their program of study. The AAS degree requires a minimum of 64 credits. Please see the 1997-99 Catalog, pages 54 to 79 and Addendum I for information on AAS degrees and requirements.

ASSOCIATE OF APPLIED SCIENCE ELECTRONICS TECHNOLOGY

See AAS degree General Education minimum requirements in the Degrees and Programs section of 1997-1999 Catalog.

General Education Requirements	Credits
English Composition	ENG 101
Mathematics	ELT 110 or MAT 122
Mathematics	ELT 120 or MAT 151
Arts & Humanities and/or Social & Behavioral Sciences	3
General Education Electives	6
Minimum General Education Credit Hours	18-19

Core Curriculum	Credits
Introduction to DC Circuits	ELT 105
Introduction to AC Circuits	ELT 106
Semiconductors & Transistors	ELT 122
Electronic Circuits and Systems	ELT 125
Pulse Circuits	ELT 231
Digital Circuits	ELT 233
Modern Electronic Devices	ELT 243
Communications Electronics	ELT 245
Communications Electronics II	ELT 247
Microprocessors & Microcomputers	ELT 265
Electives	3-4
Total Degree Requirements	64

ASSOCIATE OF APPLIED SCIENCE NETWORK MANAGEMENT

General Education Requirements	Credits
English Composition	ENG 101 Oh
Applied Technical Writing	ENG 179
Advanced Applied Technical Writing	ENG 279
Mathematics	MAT 122 and above
Digital Logic	CIS 221
Arts & Humanities or Social & Behavior Science	3
Reading Competency	3
Minimum General Education Credit Hours	15
Core Curriculum	
Introduction to Operating Systems	CIS 140
PC and Printer Support	CIS 142
Essentials of Networking	CIS 150
Computer Applications	CIS 181
Service and Maintenance of Personal Computers	CIS 260
Network Support and Troubleshooting	CIS 262
Technical Presentations	OAD 268
Field Experience in CIS	CIS 294
Technology Unit Approved Electives	6
Network Tracks	
(Select two full tracks plus introductory class of the non-selected track)	
Track I	
Introduction to Novell Networks	CIS 234
Novell Network Management	CIS 235
Track II	
Network Operating Systems	CIS 236
Advanced Microsoft Network Management	CIS 237
Track III	
Unix Operating System	CIS 228
Unix System Administration	CIS 229
Total Network Tracks Credits	20
Total Degree Requirements	66

CERTIFICATES: NEW AND MODIFIED

Beginning Spring 1999, Cochise College offers the following new certificates:

Management
Network Support
Paramedicine
PC Maintenance and Repair
Supervisory Management

See the Cochise College 1997-99 catalog, pages 80 – 91 and Addendum I for a list of current certificates.

MANAGEMENT CERTIFICATE

This Management Certificate is in response to the clearly identified need for a program that provides supervisory and management training to employees in the private and non-profit sectors and to individuals anticipating employment opportunities as supervisors or managers. This program is comparable to the Certified Public Manager Program (CPM) currently offered, to public sector employees only, by the Center for Professional Development (CPD).

MGT 101 or PAD 101 Management Skills	2
MGT 102 or PAD 102 The Manager & Systems Relationships	2
MGT 103 or PAD 103 The Manager & the Workgroup	2
MGT 201 Management, Level IV	3
MGT 202 Management, Level V	3
MGT 203 Management, Level VI	3
ENG 101 Composition*	3
Or BUS 167 Business Communications*	3
Recommended Electives*	3
TOTAL	21 Credits

*Requirement waived for individuals holding an AA/AS degree or higher.

Recommended Electives

SOC 101 Intro to Sociology
BUS 201 Financial Accounting
PSY 101 Intro to Psychology
BUS 202 Managerial Accounting
SOC 207 Intro to Social Welfare
BUS 145 Principles of Accounting
CIS 181 Computer Applications

NETWORK SUPPORT CERTIFICATE

Core Curriculum

CIS 221 Digital Logic	3
CIS 140 Introduction to Operating Systems	3
CIS 142 PC and Printer Support	3
CIS 150 Essentials of Networking	3
CIS 234 Introduction to Novell Networks	4
CIS 235 Novell Network Management	4
CIS 236 Network Operating Systems	4
CIS 237 Advanced Microsoft Network Management	4
CIS 262 Network Support and Troubleshooting	4
CIS 260 Service and Maintenance of PC	3
CIS 294 Field Experience in CIS	1
TOTAL	36

PARAMEDICINE CERTIFICATE

The Paramedicine Certificate Program meets the needs of those students desiring only Arizona Department of Health Services certification as a Paramedic or those students who desire an interim recognition of academic achievement as they continue to pursue the AAS degree in Paramedicine. Cochise College has obtained ADHS certification as an institutional provider of Paramedicine training.

EMT 201 Paramedicine I	12
EMT 202 Paramedicine II	14
EMT 203 Paramedicine III	2
TOTAL	28 Credits

PC MAINTENANCE AND REPAIR CERTIFICATE

CIS 140 Intro to Operating Systems	3
CIS 142 PC and Printer Support	3
CIS 150 Essentials of Networking	3
CIS 260 Service and Maintenance of PCs	3
CIS 294 Field Experience in CIS	2
TOTAL	14 Credits

SUPERVISORY MANAGEMENT CERTIFICATE

The Supervisory Management Certificate program is designed to provide the knowledge and analytical skills necessary to effectively meet the challenges and opportunities facing supervisors and managers in the workplace. This program provides the skills necessary to manage resources and personnel in a rapidly changing work environment. Upon successful completion of program requirements, students will receive a certificate in supervisory management.

Prerequisite: Sponsorship by a government agency or private/non-profit organization, a current supervisory or management position or potential for appointment to a supervisory/management position.

Core Curriculum

Intro to Management

Skills	PAD 101/MGT 101	2
The Manager and Systems		
Relationships	PAD 102/MGT 102	2
The Manager and the		
Work Group	PAD 103/MGT 103	2
English Composition*	ENG 101	3
Mathematics*	Above 100 Level	3
Recommended Electives*		3
TOTAL		15

*Requirement waived for individuals holding an AA/AS degree or higher

Reading minimum of 11.5 grade level in accordance with standardized test scores.

NEW COURSES

CIS 208 JAVA PROGRAMMING (4)

Prerequisites: CIS 130 or permission of instructor

A beginning course in the JAVA programming language. Topics will include object-oriented programming concepts, terminology, notation, and the syntax and semantics of the JAVA programming language.

3 hours lecture, 3 hours laboratory

CIS 221 DIGITAL LOGIC (3)

Prerequisites: One semester of programming or one semester of networking.

Number systems, conversion methods, binary and complement arithmetic, Boolean and switching algebra, circuit minimizations, ROMs, PLAs, flipflops, synchronous sequential circuits, register transfer design.

3 hours lecture

The following management courses are offered through the Center for Professional Development.

MGT 101 THE INTRODUCTION TO MANAGEMENT SKILLS (2)

Prerequisites: Sponsorship by a private or non-profit sector employer or approval of the Coordinator of the Center for Professional Development (CPD).

A practical introduction to private and non-profit sector management for first-line supervisors or potential supervisors. Focus is on communication techniques, delegation of authority, quality management, performance evaluation, discipline, and employee orientation. MGT 101- MGT 103 is offered as a single program and may not be taken individually or out of sequence. May be offered in a Pass/Fail grading format. Identical to PAD 101.

2 hours lecture.

MGT 102 THE MANAGER AND SYSTEM RELATIONSHIPS (2)

Prerequisites: MGT 101

A practical study of the manager as a member of an organization with emphasis upon the processes and procedures necessary for managerial competence. Topics include management practices, employee motivation, organizational communications, budgetary systems and management, equal employment opportunity, and employee-management relations. MGT 101- MGT 103 is offered as a single program and may not be taken individually or out of sequence. May be offered in a Pass/Fail grading format. Identical to PAD 102.

2 hours lecture

MGT 103 THE MANAGER AND THE WORK GROUP (2)

Prerequisites: MGT 102

A practical analysis of the manager as a group/team leader, focusing on group dynamics, behavioral analysis, group problem solving and decision making, change management, conflict management, and group interaction. MGT 101- MGT 103 is offered as a single program and may not be taken individually or out of sequence. May be offered in a Pass/Fail grading format. Identical to PAD 103.

2 hours lecture

MGT 201 LEADERSHIP SKILLS FOR MANAGERS (3)

Prerequisite: Sponsorship by a private or non-profit sector employer, and successful completion of MGT 101-103 or PAD 101-103 or possession of the equivalent level of training as certified by the CPD Coordinator

A practical, in-depth study of private and non-profit sector management techniques focusing on leadership, ethics, management in a political environment, management of fiscal resources and organizational planning. Also includes the study of marketing fundamentals, marketing strategy, and linking marketing with organizational goals. MGT 201 is offered as part of a management certificate program and may not be taken as an individual course or out of sequence. May be offered in a Pass/Fail grading format.

3 hours lecture

MGT 202 EFFECTIVE DECISION-MAKING (3)

Prerequisites: MGT 201

A practical, in-depth study of private sector management techniques focusing on effective decision-making, conflict management, performance evaluation and achieving organizational goals through teamwork. MGT 202 is offered as part of a management certificate program and may not be taken individually, or out of sequence.

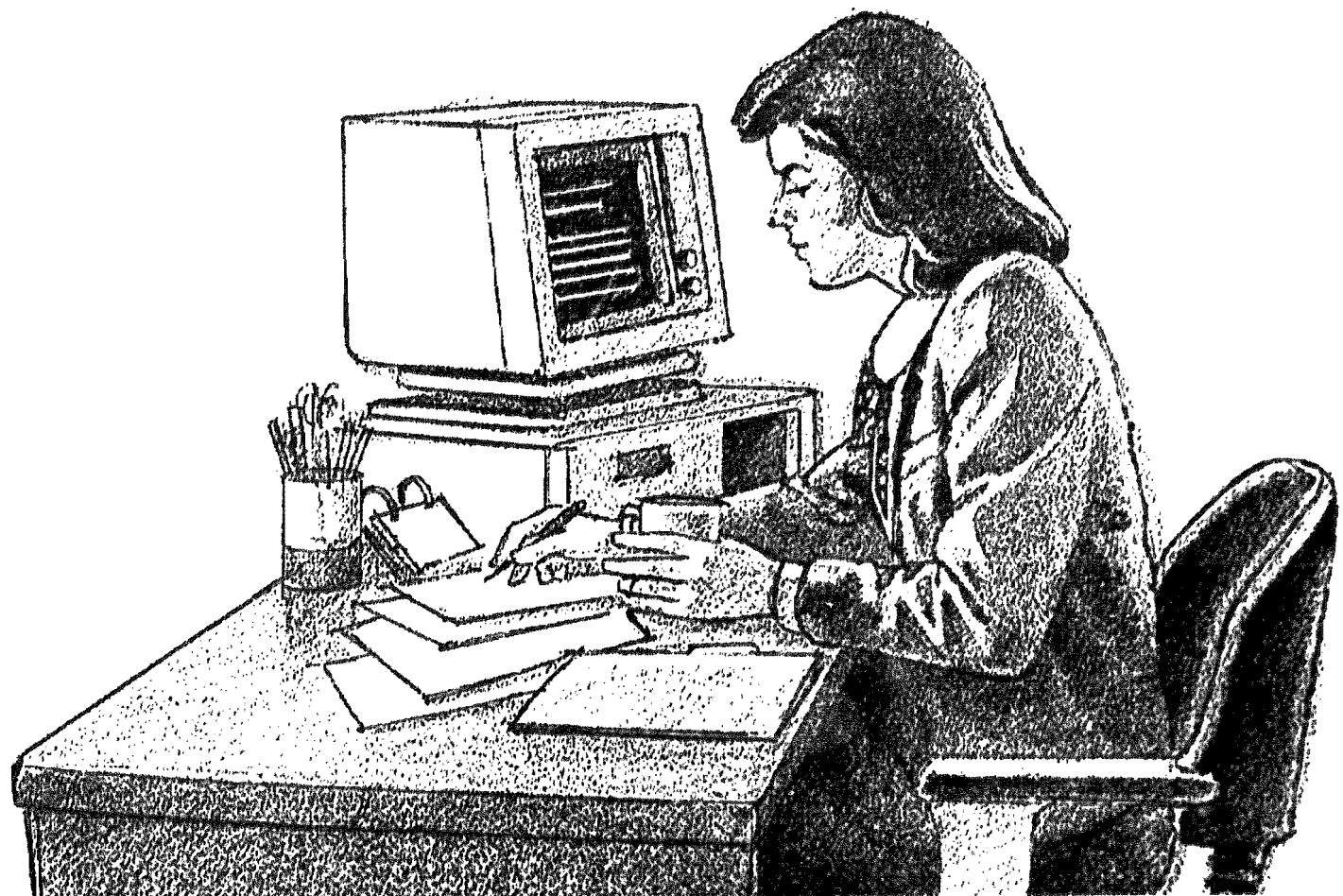
3 hours lecture

MGT 203 SUCCESSFUL PROJECT MANAGEMENT (3)

Prerequisites: MGT 202

A practical, in-depth study of private and non-profit sector management techniques focusing on project management, managing and achieving organizational goals and effectively managing organizational change. MGT 203 is offered as part of a management certificate program and may not be taken individually, or out of sequence.

3 hours lecture



PROGRAM DELETIONS

PRINCIPLES OF TECHNOLOGY CERTIFICATE

Rationale: The Principles of Technology certificate program is a program designed for the inmates of the Arizona Department of Corrections in Douglas (ASPC-D). This program has not been offered at ASPC-Douglas since 1991 and there are no prospects that it will be offered or in demand in the foreseeable future.

BUSINESS MACHINE REPAIR

Rationale: The Business Machines Repair certificate program is a program specifically designed for the inmates of the Arizona Department of Corrections in Douglas (ASPC-D). This program has not been offered at ASPC-Douglas since 1991 and there are no prospects that it will be offered or in demand in the foreseeable future.



APPENDIX A – TG-XR UNIVERSITY MAJORS

See a Cochise College Counselor or Advisor for transfer guide information for the following programs:

Administration of Justice:

BS in Justice Studies (ASU Main)
BS in Criminal Justice (NAU)

Agriculture:

BS in Agriculture-Nutritional Sciences (UA)
BS in Wildlife, Watershed, & Range Management (UA)

Art:

BFA in Studio Arts (NAU)
BFA in Studio Arts (UA)

Education:

BA in Education (ASU Main)
Elementary Education
Secondary Education
Selected Studies
Special Education
Early Childhood Education
BA in Education (ASU West)
Elementary Education
Early Childhood Education
Secondary Education
Special Education
BS in Education (NAU)
Technology Education
Vocational Education

Engineering:

BS in Aeronautical Engineering Technology (ASU Main)
BS in Aeronautical Management Technology (ASU Main)
BS in Electronics Engineering Technology (ASU Main)
BS in Industrial Technology (ASU Main)
BS in Manufacturing Engineering Technology (ASU Main)
BS in Engineering (ASU Main)
Aerospace
Chemical
Civil
Computer Systems
Electrical
Special Studies
Manufacturing (Premedical, Industrial)
Materials Science
Mechanical

BS in Aeronautical Engineering Technology (ASU East)
BS in Electronics Engineering Technology (ASU East)
BS in Industrial Technology (ASU East)
BS in Manufacturing Engineering Technology (ASU East)
BS in Agribusiness (ASU East)
BS in Computer Science & Engineering (NAU)
BS in Engineering (NAU)
Civil
Electrical
Environmental
Mechanical
ES in Construction Management (ASU East)
ES in Engineering (UA)
Aerospace
Agricultural & Biosystems
Chemical
Civil
Computer
Electrical
Engineering Mathematics
Engineering Physics
Geological
Hydrology
Industrial
Materials Science
Mechanical
Mining
Optical
Systems

Geology:

ES in Geology (NAU)
ES in Education-Earth Science (NAU)
ES in Geosciences (UA)

Hospitality:

BS in Hotel & Restaurant Management (NAU)

Interior Design:

ES in Design-Interior Design (ASU Main)
ES in Interior Design (NAU)

Mathematics:

BA in Mathematics (ASU Main)
BS in Mathematics (ASU Main)
BS in Mathematics (NAU)
BA in Education-Mathematics (NAU)
BA in Mathematics (UA)
ES in Mathematics (UA)

Music:

- EM in Instrumental Performance (NAU)**
- BM in Music (NAU)**
- BM in Vocal Music Performance (NAU)**
- BME in Choral Music (NAU)**
- EME in Instrumental Music (NAU)**
- BA in Jazz Studies (UA)**
- BA in Music Education (UA)**
- BA in Musical Performance (UA)**
- BA in Musical Composition (UA)**

Nursing:

- BS in Nursing (ASU Main)**
- BS in Nursing (NAU) BS in Nursing (UA)**

Sociology:

- BA in Applied Sociology (NAU)**
- BS in Applied Sociology (NAU)**

Theatre:

- BA in Musical Theatre**