



GENERAL GRADUATION REQUIREMENTS

All students are required to complete the degree and/or certificate requirements as approved by the MCCCDC Governing Board. The college reserves the right to make necessary course and program changes in order to meet current educational standards. In addition, students must:

1. be credited in the Office of Admissions and Records with not fewer than: 60 semester credit units in courses numbered 100 or above for the Associate in Arts degree, Associate in Science degree, Associate in Transfer Partnership degree, and Associate in General Studies degree; 60 semester credit units for the Associate in Applied Science degree; 62 semester credits for the Associate in Business degrees; for specific certificate programs, be credited with not fewer than the minimum total of credit units required for the certificate program.

Students not continuously enrolled, as outlined in the Catalog Under Which a Student Graduates policy, must satisfy current graduation requirements.

2. have earned a minimum of 12 semester credit units toward the degree or certificate at the district college granting the degree or certificate, except in cases where the certificate requires fewer than 12 credit units.
3. have filed an application for the degree or certificate with the Office of Admissions and Records on the date determined by the college/center.


Students must apply for graduation from the college where they have successfully completed Block 4 of the Associate in Applied Science in Nursing.

4. have a minimum cumulative grade point average of 2.000 at the college granting the degree.
5. have a minimum cumulative grade point average of 2.000 in all courses used to fulfill degree requirements

Some specific programs have higher grade requirements. It is the student's responsibility to be aware of these program requirements.

6. have removed, thirty (30) days after the anticipated graduation date, all deficiencies on the record to use those courses toward program completion.
7. have removed any indebtedness to any MCCCDC college /center.
8. have paid required degree or certificate application fee.

See fee schedule for charges.





CERTIFICATES/DEGREES

The Maricopa Community Colleges offer Certificates of Completion as well as Associate Degrees, one of which is conferred on each student who has completed a program of study. These certificates and degrees are as follows: (1) Certificate of Completion (Career Program Specified); (2) Academic Certificate; (3) Associate in Arts; (4) Associate in Science; (5) Associate in Business; (6) Associate in General Studies; (7) Associate in Transfer Partnership; and (8) Associate in Applied Science (Career Program Specified).

All candidates for a degree and/or certificate must complete the General Graduation Requirements as approved by the MCCCDC Governing Board.

All students are urged to meet with a faculty advisor, program advisor or counselor as soon as possible to determine which program meets their needs and to plan their course of study.

GRADUATE GUARANTEE POLICY

The Governing Board believes so strongly in the quality of its colleges' occupational training programs that it guarantees graduate competence.

1. Graduation from an Associate of Applied Science (AAS) is designed to prepare a person for entry-level employment in a specific career field. A graduate's ability to perform approved program competencies will be judged by employers. Should the employer of a graduate who has earned an AAS Degree find the employee lacking in the technical skills normally expected of an entry-level employee in the specific career field for which that graduate prepared, the District will provide the graduate with up to the equivalent of twelve (12) credit hours of retraining for no additional tuition.
2. Because technical occupations change rapidly, initial employment in an AAS Degree-related field must occur within one year of graduation from the AAS Degree program in question.

Retraining needs to occur as cost effectively as possible. The graduate's employer must present a list of the graduate's skill deficiencies to the appropriate dean at the graduate's alma mater. All retraining will be completed in a reasonable time as agreed to by the employer, the student, and the college.

LICENSURE DISCLAIMER

Maricopa Community Colleges courses and programs prepare students for entry into a variety of professions. Many of these professions require that a person hold an occupational license or certificate in order to work in a particular field. Typically, a person must meet certain legal requirements before obtaining such a license or certificate. These requirements are established by county, state or federal agencies, and often are based on a person's character, or whether the person has been convicted of a criminal offense. It is possible for a student who has obtained a degree or certificate from a community college to be denied the right to work in a particular profession after completing the degree or certificate because of concerns over the student's character or criminal background. Any student preparing to enter a field for which a professional license or certificate is required is strongly advised to consult with the appropriate government agency that issues such credentials. That agency can provide the student complete information about any requirements the law imposes for working in a particular occupation.

MCCCD General Education Statement

The general education core of the program of study for an associate degree or a certificate helps students develop a greater understanding of themselves, of their relationship with others, and of the richly diverse world in which they live. The general education experience provides students with opportunities to explore broad areas of commonly held knowledge and prepares them to contribute to society through personal, social, and professional interactions with others. General education fosters students' personal development by opening them to new directions, perspectives, and processes.

Through its general education requirements, the Maricopa County Community College District is committed to helping students develop qualities and skills that will serve them throughout their lives. General education opportunities encourage students to:

- Build self-awareness, self-respect, and self-confidence
- Recognize and respect the beliefs, traditions, abilities, and customs of all people and all cultures
- Consider the local, global, and environmental impacts of personal, professional, and social decisions and actions
- Access, evaluate, analyze, synthesize, and use information wisely
- Communicate effectively personally, socially, and professionally
- Think critically, make informed decisions, solve problems, and implement decisions
- Consider the ethical implications of their choices
- Value the learning process throughout their lives
- Integrate and connect ideas and events in a historical perspective, and see relationships among the past, the present, and the future
- Develop a personal sense of aesthetics
- Use technological resources appropriately and productively
- Work cooperatively and respectfully with others to serve their communities


The general education experience at MCCCD is composed of specific elements across the curriculum designed to provide the learner with essential knowledge and skills:

- Communication
- Arts and Humanities
- Numeracy
- Scientific Inquiry in the Natural and Social Sciences
- Information Literacy
- Problem-Solving and Critical Thinking
- Cultural Diversity

General Education Designations (example: (FYC), [SB], [HU], etc.)

Effective Fall 2000 the course evaluation and/or general education designation as listed in the Arizona CEG (Course Equivalency Guide) within the Arizona Course Applicability System (AZCAS) is valid for the term in which the student is awarded credit on the transcript. A course evaluation and/or general education designation may be subject to change. Given that curriculum is dynamic at both MCCCD and the institutions to which MCCCD students transfer, students have the option to petition for general education evaluations and/or general education designations.

The college reserves the right to make necessary course and program changes in order to meet current educational standards.



CATALOG UNDER WHICH A STUDENT GRADUATES (AR2.2.5)

Students maintaining continuous enrollment at any public Arizona community college or university may graduate according to the requirements of the catalog in effect at the time of initial enrollment or according to the requirements of any single catalog in effect during subsequent terms of continuous enrollment. Students may maintain continuous enrollment whether attending a single public community college or university in Arizona or transferring among public institutions in Arizona while pursuing their degrees.

1. A semester in which a student earns course credit will be counted toward continuous enrollment. Non-credit courses, audited courses, failed courses, or courses from which the student withdraws do not count toward the determination of continuous enrollment for catalog purposes.

EXAMPLE A:

Admitted & Earned Course Credit at a Public Community

College or University	Fall '93	(Active)
Continued at a Public Community College	Spring '94, Fall '94	(Active)
Transferred to a University	Spring '95	(1993 or Any Subsequent Catalog)

EXAMPLE B:

Admitted & Earned Course Credit at a Public Community

College or University	Fall '92	(Active)
Enrolled But Earned All Ws, Zs, or Fs	Spring '93	(Inactive)
Enrolled in Audit Courses Only	Fall '93	(Inactive)
Nonattendance	Spring '94	(Inactive)
Transferred to a University	Fall '94	(1994 or Any Subsequent Catalog)

2. Students who do not meet the minimum enrollment standard stipulated in No. 1 during three consecutive semesters (fall/spring) and the intervening summer term* at any public Arizona community college or university are no longer considered continuously enrolled, and must meet requirements of the public Arizona community college or university catalog in effect at the time they are readmitted or of any single catalog in effect during subsequent terms of continuous enrollment after readmission.

EXAMPLE A:

Admitted & Earned Course Credit at a Public Community

College or University	Fall '92	(Active)
Nonattendance	Spring '93, Fall '93, Spring '94	(Inactive)

Readmitted & Earned Course Credit at a Public Community

College	Fall 94	(Active)
Transferred to a University	Spring '95	(1994 or Any Subsequent Catalog)

EXAMPLE B:

Admitted & Earned Course Credit at a Public Community

College or University	Fall 92	(Active)
Nonattendance	Spring '93	(Inactive)

Readmitted & Earned Course Credit at a Public Community

College	Summer '93	(Active)
Nonattendance	Fall '93, Spring '94	(Inactive)
Transferred to a University	Fall '94	(1992 or Any Subsequent Catalog)

*Students are not obligated to enroll and earn course credit during summer terms, but summer enrollment may be used to maintain continuous enrollment status.

3. Students admitted or readmitted to a public Arizona community college or university during a summer term must follow the requirements of the catalog in effect the following fall semester or of any single catalog in effect during subsequent terms of continuous enrollment.

EXAMPLE:

Admitted & Earned Course Credit at a Public Community

College or University	Summer '94	(Active)
Continued at a Public Community College	Fall '94, Spring '95	(Active)
Nonattendance	Fall '95	(Inactive)

Readmitted & Earned Course Credit at a Public

Community College	Spring '96	(Active)
Transferred to a University	Summer '96	(1994 or Any Subsequent Catalog)

4. Students transferring among Arizona public higher education institutions must meet the admission requirements, residency requirements, and all curricular and academic requirements of the degree-granting institution.

University Department Time Limit for Coursework

In areas of study in which the subject matter changes rapidly, material in courses taken long before graduation may become obsolete or irrelevant. Coursework that is more than eight years old is applicable to completion of degree requirements at the discretion of the student's major department. Departments may accept such coursework, reject it, or request that the student revalidate its substance. The eight-year limit on coursework applies except when program accreditation agencies limit the life of coursework to less than eight years. Departments may also require students to satisfy current major requirements rather than major requirements in earlier catalogs, when completing earlier requirements is no longer possible or educationally sound.

The college reserves the right to make necessary course and program changes in order to meet current educational standards.





ARIZONA GENERAL EDUCATION CURRICULUM (AGEC- A, B,S)

Description

The Maricopa County Community College District Arizona General Education Curriculum (MCCCD AGECE) is a 35-semester-credit general education program of study that fulfills lower-division general education requirements for students planning to transfer to any Arizona public community college or university. The MCCCD AGECE transfers as a block without loss of credit.

All credits used to satisfy the MCCCD AGECE will apply to graduation requirements of the university major for which the AGECE was designed, regardless of whether the credit was awarded for completion of course work or for prior learning. For additional information on credit awarded for prior learning assessment, see the policy on Credit for Prior Learning in the general catalog.

For students planning to pursue an associate degree or transfer to an Arizona public community college or university, the AGECE A is a component of the MCCCD Associate in Arts, the AGECE B is a component of the MCCCD Associate in Business, and the AGECE S is a component of the MCCCD Associate in Science.

Purpose of the AGECEs

There are three types of MCCCD AGECEs. They are the AGECE A, the AGECE B, and the AGECE S. Designed to articulate with different academic majors, their requirements vary accordingly. Additional information on academic majors at the Arizona public universities can be accessed via the following web address:

http://www.abor.asu.edu/4_special_programs/atass/index.html

Click on Student Information
Select Degrees and Pathways
Scroll down to the bottom of the page and select the letter of the major you're interested in.

1. The **AGECE A** is designed to satisfy requirements in many liberal arts majors as well as other majors that articulate with the Associate in Arts (e.g., social sciences, fine arts, humanities). AGECE A requires a minimum of college mathematics or college algebra to satisfy the Mathematics [MA] requirement. AGECE A Mathematics requirement is less stringent than the AGECE B and AGECE S. AGECE A and AGECE B Natural Sciences requirements are less stringent than AGECE S.
2. The **AGECE B** is designed to satisfy requirements in business majors that articulate with the Associate in Business. AGECE B requires a minimum of brief calculus to satisfy the Mathematics [MA] requirement.
3. The **AGECE S** is designed to satisfy requirements in majors with more prescriptive mathematics and mathematics-based science requirements. AGECE S articulates with the Associate in Science. AGECE S requires a minimum of the first course in a calculus sequence to satisfy the Mathematics [MA] requirement, and a minimum of eight credits of either university chemistry, university physics or general biology to satisfy the Natural Sciences [SQ/SG] requirement.



Academic Policies that Govern the AGEC A, AGEC B, and AGEC S:

- require 35 semester credits in courses numbered 100 and above to be completed with a grade of “C” or better; Credit units transferred from outside of the district need to be at a grade of “C” or better. A grade of “C” equals 2.0 on a 4.0 grading scale or equivalent;
- use the following policies to help students complete the required Core and Awareness Areas without exceeding the 35 semester credits;
 1. Courses can satisfy a Core area and one or two Awareness areas simultaneously.
 2. A course cannot be used to satisfy more than one Core area requirement.
- follows the general education policy below;

General Education Designations (example: (FYC), [SB], [HU], etc.)

Effective Fall 2000 the course evaluation and/or the general education designation as listed in the Arizona CEG (Course Equivalency Guide) within the Arizona Course Applicability System (AZCAS) is valid for the term in which the student is awarded credit on the transcript. A course evaluation and/or general education designation may be subject to change. Given that curriculum is dynamic at both MCCC and the institutions to which MCCC students transfer, students have the option to petition for course evaluations and/or general education designations.

- require courses that transfer as equivalent courses, departmental elective credit (XXXXDEC), or general elective credit (Elective) at all Arizona public universities according to the Arizona CEG. The course evaluation and/or general education designation as listed in AZCAS is valid for the term in which the student is awarded credit on the transcript.
- require that a minimum of 12 semester credits of course work be taken at any of the MCCC colleges;
- include both courses and their modular equivalents, either the course or the modular equivalents will satisfy the AGEC;
- accept one of the courses that is cross-referenced with other courses;
- provide for exemption from Arizona university admission requirements for: Students who complete the AGEC A, AGEC B, or AGEC S with a minimum 2.0 on a 4.0=A scale, or students who complete an associate or higher degree from a regionally accredited post-secondary institution with a minimum 2.0 on a 4.0=A scale for Arizona residents and a minimum 2.5 on a 4.0=A scale for non-residents.

AGEC Requirements

The 35 semester credits required for each of the three AGECS follow. See the list entitled MCCC Courses That Can Be Used to Satisfy MCCC AGECS A, AGEC B and/or AGEC S for specific course information via the following website: <http://www.dist.maricopa.edu/academic/curric/>

Select Program Information, scroll down to Program Sorting/Reporting
 Select AGEC Course Matrix or Select the Current Academic Year
 Select the desired General Education Designation

The list identifies the courses in alpha-order by prefix as well as the different Core Areas and Awareness Areas where the course will apply. When selecting Mathematical Studies and Natural Sciences options, select from the appropriate AGECA, B, or S list.

	Credits
A. Core Areas:	35
1. First-Year Composition (FYC)	6
2. Literacy and Critical Inquiry [L]	3
3. Mathematical Studies [MA/CS]	6
To complete the Mathematical Studies requirement select one course to satisfy Mathematics [MA], and a second course from Computer/Statistics/Quantitative Applications [CS].	
NOTE: The Mathematics [MA] requirement differs for AGECA, AGECA, and AGECS.	
AGECA requires;	
a. Mathematics [MA] A (3 credits) AND	
NOTE: requires a course in college mathematics or college algebra or pre-calculus or any other mathematics course for which college algebra is a prerequisite.	
b. Computer/Statistics/Quantitative Applications [CS] (3 credits)	
AGECB requires;	
a. Mathematics [MA] B (3 credits) AND	
NOTE: requires a course in brief calculus or a higher level mathematics course.	
b. Computer/Statistics/Quantitative Applications [CS] (3 credits)	
AGES requires;	
a. Mathematics [MA] S (3 credits) AND	
NOTE: requires the first course in a calculus sequence or any mathematics course for which that course is a prerequisite.	
b. Computer/Statistics/Quantitative Applications [CS] (3 credits)	
4. Humanities and Fine Arts [HU]	6
Students are encouraged to choose courses from more than one discipline for a total of six semester credits.	
5. Social and Behavioral Sciences [SB]	6
Students are encouraged to choose courses from more than one discipline for a total of six semester credits.	
6. Natural Sciences [SQ/SG]	8
To complete the Natural Sciences requirement:	

AGECA and AGECA require four (4) semester credits of [SQ] and four (4) semester credits of [SG] for a total of eight (8) semester credits, OR eight (8) semester credits of [SQ]. Students **cannot** take eight (8) semester credits of [SG] to meet the Natural Sciences requirement.

The Natural Sciences requirement [SQ/SG] differs for AGECA S. AGECA S requires eight (8) semester credits of either university chemistry or eight (8) semester credits of university physics or eight (8) semester credits of general biology appropriate to the major.

The lecture course(s) selected for Natural Sciences must include or be accompanied by the corresponding laboratory course. The lecture and corresponding laboratory course(s) may carry separate credit. Students should consult with an advisor for appropriate course selection. Students should also access the AZ Course Equivalency Guide (CEG) within the AZ Course Applicability System (AZCAS) for information on equivalencies.

B. Awareness Areas:

Students must satisfy two Awareness areas: Cultural Diversity in United States [C] and either Global Awareness [G] or Historical Awareness [H]. However, it is not necessary for students to exceed thirty-five semester credits to complete any of the three MCCCDC AGECS because courses can satisfy a Core area and one or two Awareness areas simultaneously. Therefore, no additional semester credits are required to satisfy the two Awareness areas.

1. Cultural Diversity in the United States [C]
AND
2. Global Awareness [G]
OR
3. Historical Awareness [H]

AGEC Area Requirements Descriptions/Definitions

CORE AREAS

First-Year Composition (FYC)

6 credits

A total of six semester credits must be completed with a grade of “C” or better in the First-Year Composition Core area. Courses must emphasize skills necessary for college-level learning and writing skills.

Literacy and Critical Inquiry [L]

3 credits

A total of three semester credits must be completed with a grade of “C” or better in the Literacy and Critical Inquiry Core area. In the [L] course, typically at the sophomore level, students gather, interpret, and evaluate evidence and express their findings in writing or speech. This course includes a series of graded written or spoken formal assignments.

Literacy is defined broadly as communicative competence in written and oral discourse; critical inquiry is defined as the gathering, interpreting, and evaluating of evidence. Building on the proficiency attained in traditional First-Year Composition courses, the Literacy and Critical Inquiry requirement helps students sustain and extend their ability to reason critically and communicate clearly through language.

Mathematical Studies

6 credits

A total of six semester credits must be completed with a grade of “C” or better in the Mathematical Studies Core Area. One course must be selected from Mathematics [MA]. A second course must be selected from Computer/Statistics/Quantitative Applications [CS].

The Mathematical Studies requirement is intended to ensure that students have skill in basic mathematics, can use mathematical analysis in their chosen fields, and can understand how computers make mathematical analysis more powerful and efficient.

First, the acquisition of essential skill in basic mathematics requires the student to complete a course in college algebra or to demonstrate a higher level of skill by completing a course for which college algebra is a prerequisite.





Second, the real-world application of mathematical reasoning requires the student to take a course in statistics or the use of quantitative analysis to solve problems of substance.

Third, the use of the computer to assist in serious analytical work is required. Computers are widely used to study the implications of social decisions or to model physical systems.

Mathematics [MA] AGEC A

The AGEC A Mathematics Core area requires a course in college mathematics, college algebra, pre-calculus, or any other mathematics course for which college algebra is a prerequisite.

Mathematics [MA] AGEC B

The AGEC B Mathematics Core area requires a course in Brief Calculus or a higher level mathematics course.

Mathematics [MA] AGEC S

The AGEC S Mathematics Core area requires the first course in the calculus sequence or any mathematics course for which that course is a prerequisite.

Computer/Statistics/Quantitative Applications [CS]

AGEC A, B, and S [CS] option requires:

courses that emphasize the use of statistics or other mathematical methods in the interpretation of data and in describing and understanding quantitative relationships, courses that involve the use of computer programming languages or software in the development of skills in analytical thinking.

Humanities and Fine Arts [HU]

6 credits

A total of six semester credits must be completed with a grade of “C” or better in the Humanities and Fine Arts Core area. Students are encouraged to choose coursework from more than one discipline for a total of six semester credits. The Humanities and Fine Arts Core area enables students to broaden and deepen their consideration of basic human values and their interpretation of the experiences of human beings.

The humanities are concerned with questions of human existence and the universality of human life, questions of meaning and the nature of thinking and knowing, and questions of moral, aesthetic, and other human values. The humanities investigate these questions in both the present and the past and make use of philosophy, foreign languages, linguistics and communications studies, religious studies, literature, and fine arts.

The fine arts constitute the artist’s creative deliberation about reality, meaning, knowledge, and values.

Social and Behavioral Sciences [SB]

6 credits

A total of six semester credits must be completed with a grade of “C” or better in the Social and Behavioral Sciences Core area. Students are encouraged to choose course work from more than one discipline for a total of six semester credits.

The Social and Behavioral Sciences Core area provides scientific methods of inquiry and empirical knowledge about human behavior, both within society and within individuals. The forms of study may be cultural, economic, geographic, historical, linguistic, political, psychological, or social. The courses in this area address the challenge of understanding the diverse natures of individuals and cultural groups who live together in a world of diminishing economic, linguistic, military, political, and social distance.



Natural Sciences [SQ/SG]**8 credits**

A total of eight semester credits must be completed with a grade of “C” or better in the Natural Sciences Core area. Courses in the Natural Sciences Core area help the student to develop an appreciation of the scope and limitations of scientific capability to contribute to the quality of society. This Core area emphasizes knowledge of methods of scientific inquiry and mastery of basic scientific principles and concepts, in particular those that relate to matter and energy in living and non-living systems. Firsthand exposure to scientific phenomena in the laboratory is important in developing and understanding the concepts, principles, and vocabulary of science. At least one of the two laboratory courses required in the Natural Sciences Core area must include an introduction to the fundamental behavior of matter and energy in physical or biological systems.

Natural Sciences [SQ] A & B

The AGECE A and B Natural Sciences Core area requires one laboratory course in natural sciences that includes a substantial introduction to the fundamental behavior of matter and energy in physical or biological systems.

Natural Sciences [SG] A & B

The AGECE A and B Natural Sciences Core area requires a second laboratory course in the natural sciences, for example, from anthropology, astronomy, biology, chemistry, experimental psychology, geology, microbiology, physical anthropology, physical geography, physics, plant biology

Natural Sciences [SQ], [SG] S

The AGECE S Natural Sciences Core area requires eight (8) semester credits of either university chemistry or eight (8) semester credits of university physics or eight (8) semester credits of general biology appropriate to the major.

SQ = Natural Science-Quantitative

SG = Natural Science-General

Awareness Areas

Students must satisfy two Awareness areas: Cultural Diversity in U.S. and either Global Awareness or Historical Awareness. Courses can satisfy a Core area and one or two Awareness areas simultaneously. Therefore, no additional semester credits are required to satisfy the two Awareness areas.

Cultural Diversity in the United States [C]

The contemporary “culture” of the United States involves the complex interplay of many different cultures that exist side by side in various states of harmony and conflict. U.S. history involves the experiences not only of different groups of European immigrants and their descendants, but also of diverse groups of American Indians, Hispanic Americans, African Americans and Asian Americans—all of whom played significant roles in the development of contemporary culture and together shape the future of the United States. At the same time, the recognition that gender, class, and religious differences cut across all distinctions of race and ethnicity offers an even richer variety of perspectives from which to view oneself. Awareness of cultural diversity and its multiple sources can illuminate the collective past, present, and future and can help to foster greater mutual understanding and respect.

The objective of the Cultural Diversity area requirement is to promote awareness of and appreciation for cultural diversity within the contemporary United States. This is accomplished through the study of the cultural, social, or scientific contributions of women and minority groups, examination of their experiences in the United States, or exploration of successful or unsuccessful interactions between and among cultural groups.



Global Awareness [G]

Human organizations and relationships have evolved from being family and village centered to the modern global interdependence that is apparent in many disciplines—for example, contemporary art, business, engineering, music, and the natural and social sciences. Many serious local and national problems are world issues that require solutions which exhibit mutuality and reciprocity. These problems occur in a wide variety of activities, such as food supply, ecology, health care delivery, language planning, information exchange, economic and social developments, law, technology transfer, and even philosophy and the arts. The Global Awareness Area recognizes the need for an understanding of the values, elements, and social processes of cultures other than the culture of the United States. The Global Awareness Area includes courses that recognize the nature of other contemporary cultures and the relationship of the American cultural system to generic human goals and welfare.

Courses that satisfy the global awareness option in the requirements are of one or more of the following types:

1. Area studies that are concerned with an examination of culture-specific elements of a region of the world;
2. The study of a non-English language;
3. Studies of international relationships, particularly those in which cultural change is facilitated by such factors as social and economic development, education, and the transfer of technology; and
4. Studies of cultural interrelationships of global scope such as the global interdependence produced by problems of world ecology.

Historical Awareness [H]

The Historical Awareness Area option in the requirements aims to develop a knowledge of the past that can be useful in shaping the present and future. Because historical forces and traditions have created modern life and lie just beneath its surface, historical awareness is an aid in the analysis of present-day problems. Also, because the historical past is a source of social and national identity, historical study can produce intercultural understanding by tracing cultural differences to their origins. Even the remote past may have instructive analogies for the present.

The Historical Awareness Area consists of courses that are historical in method and content. In this area, the term “history” designates a sequence of past events or a narrative whose intent or effect is to represent such a sequence.

The requirement presumes that these are human events and that history includes all that has been felt, thought, imagined, said, and done by human beings. History is present in the languages, art, music, literature, philosophy, religion, and the natural sciences, as well as in the social science traditionally called history.



ASSOCIATE IN ARTS (AA)

Description

The Maricopa County Community College District Associate in Arts degree requires 60-64 semester credits for the program of study. The degree includes the following components:

- I. General Education:
Arizona General Education Curriculum for Arts (AGEC-A) MCCCDC Additional Requirements
- II. General Electives

Purpose of the Degree

The Associate in Arts degree is designed for students planning to transfer to four-year colleges and universities. In general, the components of the degree meet requirements for majors in the Liberal Arts or programs of study other than business or science. The degree will transfer as a block without loss of credit to Arizona's public universities and other institutions with district-wide articulation agreements.

The semester credits used to satisfy the MCCCDC Associate in Arts will apply to university graduation requirements of the university major for which the Associate in Arts is designed. Information regarding the articulation of the Associate in Arts with majors at the Arizona public universities can be accessed via the following website: <http://az.transfer.org/cas/atass/student/modpath.html>

Academic Policies that Govern the Associate in Arts Degree

- Completion of the Associate in Arts or the AGECA provides for exemption from Arizona public university admission requirements for Arizona residents who have a minimum Grade Point Average of 2.0 on a 4.0=A scale and a minimum 2.5 on a 4.0=A scale for non-residents.
- The graduation policies within the general catalog must be satisfied for completion of the Associate in Arts degree.
- A minimum of 60 semester credits in courses numbered 100 and above to be completed with a grade of "C" or better;
- The General Education Requirements for AGECA may be completed in 35 semester credits with the following stipulations
 - Courses can satisfy a Core Area and one or two Awareness Areas simultaneously
 - A courses cannot be used to satisfy more than one Core Area
- General Education Courses can satisfy multiple areas within the degree simultaneously (AGECA Core Area, AGECA Awareness Area, MCCCDC Additional Requirements, or lower-division courses applicable to the major).
- Effective Fall 2000, the course evaluation and/or general education designation as listed in the Arizona Course Equivalency Guide (CEG) within the Arizona Course Applicability System (AZCAS), is valid for the term in which the student is awarded credit on the transcript. A course evaluation and/or general education designation may be subject to change. Students do have the option to petition for general education evaluations and/or general education designations upon transfer.



- Courses completed at one of the Maricopa Community Colleges to meet AGECE-A requirements must be listed in the Course Equivalency Guide within the Arizona Course Applicability System as an equivalent course, departmental elective credit (XXXXDEC), or general elective credit (Elective) at all Arizona public universities. The course's evaluation and/or general education designation is valid for the term in which the student is awarded credit on the transcript. See the list titled MCCCCD Courses That Can Be used to Satisfy MCCCCD AGECE-A, AGECE-B, and/or AGECE-S for specific course information via the following website: <http://www.dist.maricopa.edu/academic/curric/>
- Courses completed at one of the Maricopa Community Colleges to meet the General Electives requirement must be listed in the Course Equivalency Guide (CEG) within the Arizona Course Applicability System (AZCAS) as an equivalent course, departmental elective credit (XXXDEC), or general elective credit (Elective) at all Arizona public universities. For appropriate course selection, students should consult with an advisor.
- Courses transferred from another regionally accredited institution to one of the Maricopa Community Colleges will be evaluated by the college for inclusion in the AGECE-A or Associate in Arts Degree.
- Courses and their modular equivalents will satisfy AGECE-A and Associate in Arts requirements.
- If a course is cross-referenced with one or more other courses, then only one of the cross-referenced courses will be accepted to meet requirements.

Degree Requirements

The 60-64 semester credits required for the Associate in Arts follow. See the list titled MCCCCD Courses That Can Be used to Satisfy MCCCCD AGECE-A, AGECE-B, and/or AGECE-S for specific course information via the following website: <http://www.dist.maricopa.edu/academic/curric/> This list identifies the courses in alpha-order by prefix as well as the Core Areas and Awareness Areas where the course will apply. For purposes of clarifying requirements in the Mathematics and Natural Sciences areas on the list and the AGECE requirements, an A, B, and/or S character may follow the [MA], [SQ], [SG] general education designations and refers to the specific AGECE.

I MCCCCD General Education

The MCCCCD General Education includes two areas: MCCCCD AGECE-A and MCCCCD Additional Requirements.

MCCCCDAGECE-A

- | | |
|---|-----------|
| 1. Core Areas: | 35 |
| a. First-Year Composition (FYC) | 6 |
| b. Literacy and Critical Inquiry [L] | 3 |
| c. Mathematical Studies [MA/CS] | 6 |

To complete the Mathematical Studies requirement, select one course to satisfy Mathematics [MA] A and a second course from Computer/Statistics/Quantitative Applications [CS].



1) Mathematics [MA] A (3 credits)

Select a course in college mathematics or college algebra or pre-calculus or any other mathematics course for which college algebra is a prerequisite.

AND

2) Computer/Statistics/Quantitative Applications [CS] (3 credits)

d. Humanities and Fine Arts [HU] 6
Students are encouraged to choose course work from more than one discipline for a total of six semester credits.

e. Social and Behavioral Sciences [SB] 6
Students are encouraged to choose course work from more than one discipline for a total of six semester credits.

f. Natural Sciences [SQ/SG] 8
To complete the Natural Sciences requirement: Select four (4) semester credits of [SQ] and four (4) semester credits of [SG] for a total of eight (8) semester credits, **OR** eight (8) semester credits of [SQ]. Students **cannot** take eight (8) semester credits of [SG] to meet the Natural Sciences requirement.

The lecture course(s) selected for Natural Sciences must include or be accompanied by the corresponding laboratory course. The lecture and corresponding laboratory course(s) may carry separate credit. Students should consult with an advisor for appropriate course selection. Students should also access the AZ Course Equivalency Guide (CEG) within the AZ Course Applicability System (AZCAS) for information on equivalencies.

2. Awareness Areas:

Students must satisfy two Awareness Areas: Cultural Diversity in the United States [C] and either Global Awareness [G] or Historical Awareness [H]. However, it is not necessary for students to exceed thirty-five semester credits to complete the Awareness Areas because courses can satisfy a Core Area and one or two Awareness Areas simultaneously. Therefore no additional semester credits are required to satisfy the two Awareness Areas.

Cultural Diversity in the United States [C]

AND

Global Awareness [G] **OR**

Historical Awareness [H]

3. MCCC Additional Requirements 0-6

Students must satisfy Oral Communication and Critical Reading areas. However, it is not necessary for students to exceed the thirty-five semester credits required in order to complete the MCCC Additional Requirements because courses can satisfy a Core Area and MCCC Additional Requirements simultaneously. Therefore no additional semester credits are required to satisfy Oral Communication and Critical Reading.



a. Oral Communication

A total of three (3) semester credits is required for Oral Communication. However, if students select a communication course that satisfies both the Oral Communication area and an area within the Core, then the Oral Communication requirement has been satisfied and additional electives may be taken.

Select from the following options:

COM100 [SB] (3 credits) **OR**

COM100AA & COM100AB & COM100AC [SB] (3 credits) **OR**

COM110 [SB] (3 credits) **OR**

COM110AA & COM110AB & COM110AC [SB] (3 credits) **OR**

COM225 [L] (3 credits) **OR**

COM230 [L] [SB] (3 credits)

b. Critical Reading

A total of three (3) semester credits is required for the Critical Reading area. However, if students complete CRE 101 and apply it to AGECA Core Requirements or if the students demonstrate proficiency through assessment, then the Critical Reading requirement has been satisfied and additional electives may be taken.

CRE101 [L] **OR**

equivalent as indicated by assessment

II. General Electives

Select courses to complete a minimum of 60 semester credits but no more than a total of 64 semester credits.

For students who have decided on a major that articulates with the AA, but who are undecided on the university to which they will transfer, courses satisfying the General Electives area should be selected from the list of Common Courses, Arizona Transfer Pathway Guides, and/or University Transfer Guides in order for the courses to apply in the major upon transfer.

The list of Common Courses for each major is included in the Arizona Transfer Pathway Guides. University Transfer Guides are also available for the Arizona public universities. These guides, both statewide and institutional, are accessible on the following web site: http://az.transfer.org/cas/students/transfer_guides.htm

Students must select MCCCDC courses that are acceptable as an equivalent course, departmental elective credit (XXXXDEC), or general elective credit (Elective) at all Arizona public universities according to the Arizona CEG within the AZCAS. For appropriate course selection, students should consult with an advisor.

For some majors, students must demonstrate 4th semester proficiency at the 202 course level to satisfy the Non-English Language Requirements. Students should consult the Arizona Transfer Pathway Guides and/or the University Transfer Guides to determine this requirement for the major at the university to which they intend to transfer. If required, it is recommended that students choose Maricopa courses as electives to meet this requirement as part of the Associate in Arts degree.

Students who are undecided on a major or university should consult an advisor. Not all majors have common courses, so it is recommended that students consult with an advisor for a list of common courses or assistance with selecting appropriate electives.





ASSOCIATE IN SCIENCE DEGREE (AS)

Description

The Maricopa County Community College District Associate in Science degree requires 60-64 semester credits for the program of study. The degree includes the following components:

- I. General Education:
 - Arizona General Education Curriculum for Science (AGEC-S)
 - MCCCD Additional Requirements
- II. General Electives

Purpose of the Degree

The Associate in Science degree is designed for students planning to transfer to four-year colleges and universities. In general, the components of the degree meet requirements for majors with more stringent mathematics and mathematics-based science requirements. The degree will transfer as a block without loss of credit to Arizona's public universities and other institutions with district-wide articulation agreements.

The semester credits used to satisfy the MCCCD Associate in Science will apply to university graduation requirements of the university major for which the Associate in Science is designed. Information regarding the articulation of the Associate in Science with majors at the Arizona public universities can be accessed via the following website: <http://az.transfer.org/cas/atass/student/modpath.html>

Academic Policies that Govern the Associate in Science Degree

- Completion of the Associate in Science or the AGECS-S provides for exemption from Arizona public university admission requirements for Arizona residents who have a minimum Grade Point Average of 2.0 on a 4.0=A scale and a minimum 2.5 on a 4.0=A scale for non-residents.
- The graduation policies within the general catalog must be satisfied for completion of the Associate in Science degree.
- A minimum of 60 semester credits in courses numbered 100 and above to be completed with a grade of "C" or better;
- The General Education Requirements for AGECS-S may be completed in 35 semester credits with the following stipulations
 - Courses can satisfy a Core Area and one or two Awareness Areas simultaneously
 - A courses cannot be used to satisfy more than one Core Area
- General Education Courses can satisfy multiple areas within the degree simultaneously (AGECS-S Core Area, AGECS Awareness Area, MCCCD Additional Requirements, or lower-division courses applicable to the major).
- Effective Fall 2000, the course evaluation and/or general education designation as listed in the Arizona Course Equivalency Guide (CEG) within the Arizona Course Applicability System (AZCAS), is valid for the term in which the student is awarded credit on the transcript. A course evaluation and/or general education designation may be subject to change. Students do have the option to petition for general education evaluations and/or general education designations upon transfer



- Courses completed at one of the Maricopa Community Colleges to meet AGEC-S requirements must be listed in the Course Equivalency Guide within the Arizona Course Applicability System as an equivalent course, departmental elective credit (XXXXDEC), or general elective credit (Elective) at all Arizona public universities. The course's evaluation and/or general education designation is valid for the term in which the student is awarded credit on the transcript. See the list titled MCCCDCourses That Can Be used to Satisfy MCCCDCourses AGEC-A, AGEC-B, and/or AGEC S for specific course information via the following website: <http://www.dist.maricopa.edu/academic/curric/>
- Courses completed at one of the Maricopa Community Colleges to meet the General Electives requirement must be listed in the Course Equivalency Guide (CEG) within the Arizona Course Applicability System (AZCAS) as an equivalent course, departmental elective credit (XXXDEC), or general elective credit (Elective) at all Arizona public universities. For appropriate course selection, students should consult with an advisor.
- Courses transferred from another regionally accredited institution to one of the Maricopa Community Colleges will be evaluated by the college for inclusion in the AGEC-S or Associate in Science Degree.
- Courses and their modular equivalents will satisfy AGEC-S and Associate in Science requirements.
- If a course is cross-referenced with one or more other courses, then only one of the cross-referenced courses will be accepted to meet requirements.

Degree Requirements

The 60-64 semester credits required for the Associate in Science follow. See the list titled MCCCDCourses That Can Be used to Satisfy MCCCDCourses AGEC-A, AGEC-B, and/or AGEC S for specific course information via the following website: <http://www.dist.maricopa.edu/academic/curric/> This list identifies the courses in alpha-order by prefix as well as the Core Areas and Awareness Areas where the course will apply. For purposes of clarifying requirements in the Mathematics and Natural Sciences areas on the list and the AGEC requirements, an A, B, and/or S character may follow the [MA], [SQ], [SG] general education designations and refers to the specific AGEC.

I MCCCDCourses General Education

The MCCCDCourses General Education includes two areas: MCCCDCourses AGEC-S and MCCCDCourses Additional Requirements.

MCCCDCourses AGEC-S

- | | | |
|----|--------------------------------------|----|
| 1. | Core Areas: | 35 |
| | a. First-Year Composition (FYC) | 6 |
| | b. Literacy and Critical Inquiry [L] | 3 |
| | c. Mathematical Studies [MA/CS] | 6 |
- To complete the Mathematical Studies requirement, select one course to satisfy Mathematics [MA] S and a second course from Computer/Statistics/Quantitative Applications [CS].



- 1) Mathematics [MA] S (3 credits)
 Select a calculus course MAT220 or MAT221 ,
 or any mathematics course for which MAT220 or
 MAT221 is a prerequisite.
 AND
 2) Computer/Statistics/Quantitative Applications [CS]
 (3 credits)

- d. Humanities and Fine Arts [HU] 6
 Students are encouraged to choose course work from more than
 one discipline for a total of six semester credits.
- e. Social and Behavioral Sciences [SB] 6
 Students are encouraged to choose course work from more than
 one discipline for a total of six semester credits.
- f. Natural Sciences [SQ/SG] 8
 To complete the Natural Sciences requirement:
 Select eight (8) semester credits of either general chemistry
 {CHM151 & CHM151LL, and CHM152 & CHM152LL}
 OR
 Eight (8) semester credits of university physics
 (PHY115 & PHY116, or PHY121 & PHY131)
 OR
 Eight (8) semester credits of general biology, { BIO181 & BIO182}
 appropriate to the major.

2. Awareness Areas:

Students must satisfy two Awareness Areas: Cultural Diversity in the United States [C] and either Global Awareness [G] or Historical Awareness [H]. However, it is not necessary for students to exceed thirty-five semester credits to complete the Awareness Areas because courses can satisfy a Core Area and one or two Awareness Areas simultaneously. Therefore no additional semester credits are required to satisfy the two Awareness Areas.

- Cultural Diversity in the United States [C]
 AND
 Global Awareness [G] OR
 Historical Awareness [H]

3. MCCC Additional Requirements 0-6

Students must satisfy Oral Communication and Critical Reading areas. However, it is not necessary for students to exceed the thirty-five semester credits required in order to complete the MCCC Additional Requirements because courses can satisfy a Core Area and MCCC Additional Requirements simultaneously. Therefore no additional semester credits are required to satisfy Oral Communication and Critical Reading.

a. Oral Communication

A total of three (3) semester credits is required for Oral Communication. However, if students select a communication course that satisfies both the Oral Communication area and an area within the Core, then the Oral Communication requirement has been satisfied and additional electives may be taken.

Select from the following options:

- COM100 [SB] (3 credits) OR
 COM100AA & COM100AB & COM100AC [SB] (3 credits) OR
 COM110 [SB] (3 credits) OR
 COM110AA & COM110AB & COM110AC [SB] (3 credits) OR
 COM225 [L] (3 credits) OR
 COM230 [L] [SB] (3 credits)



MCCCD Additional Requirements Continued

b. Critical Reading

A total of three (3) semester credits is required for the Critical Reading area. However, if students complete CRE 101 and apply it to AGEC-S Core Requirements or if the students demonstrate proficiency through assessment, then the Critical Reading requirement has been satisfied and additional electives may be taken.

CRE101 [L] **OR**

equivalent as indicated by assessment

II. General Electives

Select courses to complete a minimum of 60 semester credits but no more than a total of 64 semester credits.

For students who have decided on a major that articulates with the AS, but who are undecided on the university to which they will transfer, courses satisfying the General Electives area should be selected from the list of Common Courses, Arizona Transfer Pathway Guides, and/or University Transfer Guides in order for the courses to apply in the major upon transfer.

The list of Common Courses for each major is included in the Arizona Transfer Pathway Guides. University Transfer Guides are also available for the Arizona public universities. These guides, both statewide and institutional, are accessible on the following web site: http://az.transfer.org/cas/students/transfer_guides.htm

Students must select MCCCD courses that are acceptable as an equivalent course, departmental elective credit (XXXXDEC), or general elective credit (Elective) at all Arizona public universities according to the Arizona CEG within the AZCAS. For appropriate course selection, students should consult with an advisor.

For some majors, students must demonstrate 4th semester proficiency at the 202 course level to satisfy the Non-English Language Requirements. Students should consult the Arizona Transfer Pathway Guides and/or the University Transfer Guides to determine this requirement for the major at the university to which they intend to transfer. If required, it is recommended that students choose Maricopa courses as electives to meet this requirement as part of the Associate in Science degree.

Students who are undecided on a major or university should consult an advisor. Not all majors have common courses, so it is recommended that students consult with an advisor for a list of common courses or assistance with selecting appropriate electives.

Associate in Science Total Credits:

60-64





ASSOCIATE IN BUSINESS, GENERAL REQUIREMENTS DEGREE (ABUS GR)

Description

The Maricopa County Community College District Associate in Business General Requirements (ABus GR) degree requires a total of 62-63 semester credits for the program of study. The degree has three major components:

- I. MCCCDC General Education, which includes Arizona General Education Curriculum for Business (AGEC-B)
- II. Common Lower Division Program Requirements
- III. General Electives.

Purpose of Degree

The ABus GR degree is designed for students who plan to transfer to Arizona's public universities into majors that articulate with the Associate in Business General Requirements pathway and for students who plan to complete lower division course work toward a baccalaureate program at other degree granting institutions. All business majors except Accountancy and Computer Information Systems should follow the ABus GR pathway. Accountancy majors should follow the Transfer Guide (TG-XR) pathway. Computer Information Systems majors should follow the Associate in Business Special Requirements pathway.

The degree transfers as a block without loss of credit to Arizona's public universities and other institutions with district-wide articulation agreements. All semester credits used to satisfy the MCCCDC Associate in Business General Requirements will apply to university graduation requirements of the university major for which the ABus GR was designed, regardless of whether the credit was awarded for completion of course work or for prior learning. For additional information on credit awarded for prior learning assessment, see the policy on Credit for Prior Learning in the general catalog.

Academic Policies that Govern the Associate in Business General Requirements Degree:

- requires 62-63 semester credits in courses numbered 100 and above to be completed with a grade of "C" or better;
- uses the following policies to help students complete the required Core and Awareness Areas in AGECEC B without exceeding the 35 semester credits;
 1. Courses can satisfy a Core Area and one or two Awareness Areas simultaneously.
 2. A course cannot be used to satisfy more than one Core Area requirement.
- uses the following policies to help students complete the program requirements at a minimum of 62 semester credits but not more than 63 semester credits
 1. Courses can satisfy multiple areas within the degree simultaneously (AGECEC B Core Area, AGECEC B Awareness Area, and/or Common Lower Division Program Requirements)



- follows the general education policy below;
General Education Designations (example: (FYC), [SB], [HU], etc.)
 Effective Fall 2000 the course evaluation and/or general education designation as listed in the Arizona CEG (Course Equivalency Guide) within the Arizona Course Applicability System (AZCAS) is valid for the term in which the student is awarded credit on the transcript. A course evaluation and/or general education designation may be subject to change. Given that curriculum is dynamic at both MCCC and the institutions to which MCCC students transfer, students have the option to petition for general education evaluations and/or general education designations.
- requires courses that transfer as an equivalent course, departmental elective credit (XXXXDEC), or general elective credit (Elective) at all Arizona public universities according to the Arizona Course Equivalency Guide (CEG) within the Arizona Course Applicability System AZCAS. The course evaluation and/or general education designation as listed in AZCAS is valid for the term in which the student is awarded credit on the transcript;
- follows the graduation policies within the general catalog;
- includes both courses and their modular equivalents, either the course or the modular equivalents will satisfy the Associate in Business General Requirements;
- accepts one of the courses that is cross-referenced with other courses;
- provides for exemption from Arizona university admission requirements for students who complete the ABus GR degree from a regionally accredited post-secondary institution with a minimum 2.0 on a 4.0=A scale for Arizona residents and a minimum 2.5 on a 4.0=A scale for non-residents.

Degree Requirements

The 62-63 semester credits required for the Associate in Business General Requirements follow. See the list entitled MCCC Courses That Can Be Used to Satisfy MCCC AGEC A, AGEC B and/or AGEC S for specific course information via the following website: <http://www.dist.maricopa.edu/academic/curric/>

Select Program Information, scroll down to Program Sorting/Reporting

Select AGEC Course Matrix

Select Current Academic Year or the Current Academic Year

Select desired General Education Designation

The list identifies the courses in alpha-order by prefix as well as the different Core Areas and Awareness Areas where the course will apply. When selecting Mathematical Studies and Natural Sciences options, select from the appropriate AGEC A, B, or S list.

I. MCCC General Education	Credits
A. MCCC DAGEC B	
1. Core Areas:	35
a. First-Year Composition (FYC)	6
b. Literacy and Critical Inquiry [L]	3
c. Mathematical Studies [MA/CS]	6
To complete the Mathematical Studies requirement select one course to satisfy Mathematics [MA] B and a second course from Computer/Statistics/Quantitative Applications [CS].	
1) Mathematics [MA] B (3 credits)	
MAT212, Brief Calculus, or a higher level mathematics course	
AND	
2) Computers/Statistics/Quantitative Applications [CS] (3 credits).	
Note: Students are encouraged to select GBS221 or CIS105 to satisfy [CS].	



- d. Humanities and Fine Arts [HU] 6
Students are encouraged to choose course work from more than one discipline for a total of six semester credits.
- e. Social and Behavioral Sciences [SB] 6
Students are encouraged to choose course work from more than one discipline for a total of six semester credits.
- f. Natural Sciences [SQ/SG] 8
To complete the Natural Sciences requirement:
Select four (4) semester credits of [SQ] and four (4) semester credits of [SG] for a total of (8) semester credits, OR
eight (8) semester credits of [SQ].
Students **cannot** take eight (8) semester credits of [SG] to meet the Natural Sciences requirement.

The lecture course(s) selected for Natural Sciences must include or be accompanied by the corresponding laboratory course. The lecture and corresponding laboratory course(s) may carry separate credit. Students should consult with an advisor for appropriate course selection. Students should also access the AZ Course Equivalency Guide (CEG) within the AZ Course Applicability System (AZCAS) for information on equivalencies.

2. Awareness Areas

Students must satisfy two Awareness Areas: Cultural Diversity in the United States [C] and either Global Awareness [G] or Historical Awareness [H]. However, it is not necessary for students to exceed thirty-five semester credits to complete the Awareness Areas because courses can satisfy a Core Area and one or two Awareness Areas simultaneously. Therefore no additional semester credits are required to satisfy the two Awareness Areas.

Cultural Diversity in the United States [C]
AND
Global Awareness [G] OR
Historical Awareness [H]

II. Common Lower Division Program Requirements: 27-28

A total of 27-28 credits is required to satisfy the Common Lower Division Program Requirements. However, if students select courses that simultaneously satisfy multiple areas of the degree, then the number of semester credits required for Common Lower Division Program Requirements is reduced. Additional semester credits may be required in General Electives to complete the minimum 62-63 total program semester credits.

Complete the following:

Accounting:

*ACC111 & ACC230 & ACC240

OR

**ACC211 & ACC212

6-7

*MCCCD ACC250 or ACC211 may be taken in lieu of ACC111.

**MCCCD ACC111 and ACC112 together are equivalent to ACC211.

CIS105 [CS]	3
ECN111 [SB]	3
ECN112 [SB]	3
GBS205	3
GBS220 or MAT172 [MA]	3
GBS221 [CS]	3



Business Elective:

3

Select from the following options:

CIS158 [CS]	COBOL Programming I
CIS159 [CS]	Visual Basic Programming I
CIS162AA [CS]	C: Level I
CIS162AB [CS]	C++: Level I
CIS162AC [CS]	Visual C++: Level I
CIS163AA [CS]	Java Programming: Level I
GBS151	Introduction to Business
GBS233 [L]	Business Communication
MGT251	Human Relations in Business
MGT253	Owning and Operating a Small Business
REA179	Real Estate Principles I

III. General Electives

Select courses to complete a minimum of 62 semester credits but no more than a total of 63 semester credits. General Electives semester credits may be necessary if courses selected for the degree satisfy multiple areas. For appropriate course selection, students should consult an advisor.

Students must select courses that are acceptable as an equivalent course, departmental elective credit (XXXXDEC), or general elective credit (Elective) at all Arizona public universities according to the Arizona Course Equivalency Guide (CEG) within the Arizona Course Applicability System (AZCAS). For appropriate course selection, students should consult with an advisor.

ABus GR Degree Total Credits: 62-63





ASSOCIATE IN BUSINESS, SPECIAL REQUIREMENTS DEGREE (ABUS SR)

Description

The Maricopa County Community College District Associate in Business, Special Requirements (ABus SR) degree requires a total of 62-63 semester credits for the program of study. The degree has three major components:

- I. MCCCDC General Education which includes the Arizona General Education Curriculum for Business (AGEC B)
- II. Common Lower Division Program Requirements,
- III. General Electives.

Purpose of the Degree

The ABus SR degree is designed for Computer Information Systems majors who plan to transfer to Arizona's public universities and for students who plan to complete lower division course work toward a baccalaureate program at other degree granting institutions. Currently the pathway for accountancy majors is a Transfer Guide Pathway (TG-XR). The Associate in Business General Requirements is designed for all other business majors. Additional information on academic majors can be accessed via the following web site:

http://www.abor.asu.edu/4_special_programs/atass/index.html

Click on Student Information
Degrees and Pathways
Scroll down to the bottom of the page
Select the letter of the major you're interested in.

The Associate in Business Special Requirements transfers as a block without loss of credit to Arizona's public universities and other institutions with district-wide articulation agreements. All semester credits used to satisfy the MCCCDC Associate in Business Special Requirements will apply to university graduation requirements of the university major for which the ABus SR was designed, regardless of whether the credit was awarded for completion of course work or for prior learning. For additional information on credit awarded for prior learning assessment, see the policy on Credit for Prior Learning in the general catalog.

Academic Policies that Govern the Associate in Business Special Requirements Degree:

- requires 62-63 semester credits in courses numbered 100 and above to be completed with a grade of "C" or better;
- uses the following policies to help students complete the required Core and Awareness Areas in AGECE B without exceeding the 35 semester credits;
 1. Courses can satisfy a Core Area and one or two Awareness Areas simultaneously.
 2. A course cannot be used to satisfy more than one Core Area requirement.
- uses the following policy to help students complete the program requirements at a minimum of 62 semester credits but not more than 63 semester credits

Courses can satisfy multiple areas within the degree simultaneously (AGECE B Core Area, AGECE B Awareness Area, and/or Common Lower Division Program Requirements)



Academic Policies that Govern the Associate in Business Special Requirement Degree Continued:

- follows the general education policy below;

General Education Designations (example: (FYC), [SB], [HU], etc.)

Effective Fall 2000 the course evaluation and/or general education designation, as listed in the Arizona CEG (Course Equivalency Guide) within the Arizona Course Applicability System (AZCAS) is valid for the term in which the student is awarded credit on the transcript. A course evaluation and/or general education designation may be subject to change. Given that curriculum is dynamic at both MCCCDC and the institutions to which MCCCDC students transfer, students have the option to petition for course evaluations and/or general education designations.

- requires courses that transfer as an equivalent course, departmental elective credit (XXXXDEC), or general elective credit (Elective) at all Arizona public universities according to the Arizona Course Equivalency Guide (CEG). The course evaluation and/or general education designation as listed in AZCAS is valid for the term in which the student is awarded credit on the transcript;
- follows the graduation policies within the general catalog;
- includes both courses and their modular equivalents, either the course or the modular equivalents will satisfy the Associate in Business Special Requirements;
- accepts one of the courses that is cross-referenced with other courses;
- provides for exemption from Arizona university admission requirements for students who complete the ABus SR degree from a regionally accredited post-secondary institution with a minimum 2.0 on a 4.0=A scale for Arizona residents and a minimum 2.5 on a 4.0=A scale for non-residents.

Degree Requirements

The 62-63 semester credits required for the Associate in Business Special Requirements follow. See the list entitled MCCCDC Courses That Can Be Used to Satisfy MCCCDC AGECE A, AGECE B and/or AGECE S for specific course information via the following website: <http://www.dist.maricopa.edu/academic/curric/>

Select Program Information, scroll down to Program Sorting/Reporting
 Select AGECE Course Matrix or
 Select Current Academic Year
 Select Desired General Education Designation

The list identifies the courses in alpha-order by prefix as well as the different Core Areas and Awareness Areas where the course will apply. When selecting Mathematical Studies and Natural Sciences options, select from the appropriate AGECE A, B, or S list.

I.	MCCCDC General Education	Credits
A.	MCCCDC AGECE B	
1.	Core Areas:	35
a.	First-Year Composition (FYC)	6
b.	Literacy and Critical Inquiry [L]	3
c.	Mathematical Studies [MA/CS]	6
	To complete the Mathematical Studies requirement select one course to satisfy Mathematics [MA] B and a second course from Computer/Statistics/Quantitative Applications [CS].	

1) Mathematics [MA] B (3 credits)
 MAT212, Brief Calculus, or a higher level mathematics course
 AND

2) Computers/Statistics/Quantitative Applications) [CS] (3 credits).
 Note: Students are encouraged to select GBS221 or CIS105 to satisfy [CS].

- d. Humanities and Fine Arts [HU] 6
 Students are encouraged to choose course work from more than one discipline for a total of six semester credits.
- e. Social and Behavioral Sciences [SB] 6
 Students are encouraged to choose course work from more than one discipline for a total of six semester credits.
- f. Natural Sciences [SQ/SG] 8
 To complete the Natural Sciences requirement:
 Select four (4) semester credits of [SQ] and four (4) semester credits of [SG] for a total of (8) semester credits, OR eight (8) semester credits of [SQ].
 Students **cannot** take eight (8) semester credits of [SG] to meet the Natural Sciences requirement.

The lecture course(s) selected for Natural Sciences must include or be accompanied by the corresponding laboratory course. The lecture and corresponding laboratory course(s) may carry separate credit. Students should consult with an advisor for appropriate course selection. Students should also access the AZ Course Equivalency Guide (CEG) within the AZ Course Applicability System (AZCAS) for information on equivalencies.

2. Awareness Areas

Students must satisfy two Awareness Areas: Cultural Diversity in the United

States [C] and either Global Awareness [G] or Historical Awareness [H].

However, it is not necessary for students to exceed thirty-five semester credits to complete the Awareness Areas because courses can satisfy a Core Area and one or two Awareness Areas simultaneously. Therefore no additional semester credits are required to satisfy the two Awareness Areas.

Cultural Diversity in the United States [C]

AND

Global Awareness [G] OR

Historical Awareness [H]

II. Common Lower Division Program Requirements: 27-28

A total of 27-28 credits is required for the Common Lower Division Program Requirements. Common courses meeting general studies areas are noted with the general education designations encased in brackets.



Academic Policies that Govern the Associate in Business Special Requirement Degree Continued:

Complete the following:

Accounting:

*ACC111 & ACC230 & ACC240

OR

**ACC211 & ACC212

6-7

* MCCCDAcc250 or ACC211 may be taken in lieu of ACC111.

**MCCCDAcc111 and ACC112 together are equivalent to ACC211.

Programming I (Visual Basic):

3

CIS159 [CS]

Programming II (Java)

3

CIS163AA [CS]

GBS205

3

GBS220 or MAT172 [MA] 3

GBS221 [CS] 3

ECN111 [SB] 3

ECN112 [SB] 3

III. General Electives

0-6

Select courses to complete a minimum of 62 semester credits but no more than a total of 63 semester credits for the program. General Electives semester credits may be necessary if courses selected for the degree satisfy multiple areas. For appropriate course selection, students should consult an advisor.

Students must select courses that are acceptable as an equivalent course, departmental elective credit (XXXXDEC), or general elective credit (Elective) at all Arizona public universities according to the Arizona Course Equivalency Guide (CEG) within the Arizona Course Applicability System (AZCAS). For appropriate course selection, students should consult with an advisor.

ABus SR Total Credits:

62-63





ASSOCIATE IN ARTS (AA) ELEMENTARY EDUCATION (EE)

Description

The MCCC Associate in Arts in Elementary Education (AAEE) requires the student to complete a total of 60-63 semester credits in the program of study. The degree has two major components:

- I. MCCC General Education Arizona
Arizona General Education Curriculum for Arts (AGEC-A)
Additional MCCC Requirements
- II. Elementary Education Requirements
Education Foundations
Elective for Arizona Professional Teacher Standards

Purpose of the Degree

The AAEE is designed for the student who plans to transfer to an Elementary Education program at an Arizona's public higher education institution and/or who plans to become a classroom instructional aide.

The degree transfers as a block without loss of credit to Arizona's public universities. All semester credits applied to the MCCC Associate in Arts in Elementary Education also apply to graduation requirements of the university major for which the AAEE was designed, regardless of whether the credit was awarded for completion of course work or for prior learning. (For additional information on credit awarded for prior learning assessment, see the policy on Credit for Prior Learning in the college catalog.)

Academic Policies that Govern the Associate in Arts Elementary Education Degree:

- Requires completion of 60-63 semester credits in courses numbered 100 and above with a grade of "C" or better;
- Is governed by the following policies to enable students to satisfy AGECA requirements without exceeding the 35 semester credits:

Courses can satisfy a Core Area Requirement and one or more Awareness Areas simultaneously.

Courses can satisfy an Elementary Education Requirement and one or more Awareness Areas simultaneously.

A course cannot satisfy more than one Core Area Requirement.

A course cannot satisfy both the Elementary Education Requirement and a Core Area Requirement simultaneously.

Effective Fall 2000, the course evaluation and/or general education designation listed in the CEG/AZCAS (Course Equivalency Guide/Arizona Course Applicability System) is valid for the term in which the student is awarded credit on the transcript.* A course evaluation and/or general education designation may be subject to change. Given that curriculum is dynamic at both MCCC and the institutions to which MCCC students transfer, students have the option to petition for general education evaluations and/or general education designations.





*Note: The Second Summer 2000 term is the last term that the course evaluation and/or the general education designation as listed in the printed Course Equivalency Guide (CEG) is valid for the academic year in which the student completes the course Summer session is included with the previous academic year.

All courses applied to AGEC-A must transfer as an equivalent course, a departmental elective credit, or general elective credit (E) at all Arizona public universities according to the CEG within the CAS.

- Follows MCCC CD graduation policies within the college catalog;
- Recognizes both courses and their modular equivalents; either a course or its modular equivalents satisfy the Associate in Arts in Elementary Education requirements;
- Recognizes both courses and their modular equivalent; either a course or its modular equivalents satisfy the Associate in Arts in Elementary Education requirements.
- Provides exemption from Arizona public university admission requirements for students who complete the AAEE with a minimum 2.0 on a 4.0=A scale for Arizona residents, and a minimum 2.5 on a 4.0=A scale for non-residents.

Degree Requirements

I. MCCC CD General Educationa Requirements	Credits
A.MCCC DAGEC -A	
1.Core Areas	35-38
a. First-Year Composition [FYC] ENG101/102 OR ENG107/108	6
b. Mathematics Studies [MA] and Computer/Statistics/Quantitative Applications [CS]	6
1)MA—MAT142 College Mathematics, or higher (NOTE: MAT156 and MAT157 are excluded) AND 2)CS—CIS105 Survey of Computer Information Systems, or BPC110 Computer Usage and Applications	
c. Literacy and Critical Inquiry [L] Select 3 semester credits from the following courses: COM225 Public Speaking, or COM230 Small Group Communication	3
d. Humanities and Fine Arts [HU]	6
1. Select (3) semester credits from the following courses: ARH100 Introduction to Art ARH101 Prehistoric through Gothic Art ARH102 Renaissance through Contemporary Art AND	

2. Select (3) semester credits from the following courses:
 ENH110 Introduction to Literature
 ENH241 American Literature Before 1860
 ENH242 American Literature After 1860
 EDU/ENH291 Children's Literature
 HUM250 or HUM251 Ideas and Values in the Humanities
 THE111 Introduction to Theatre THE220 Modern Drama
 DAH100 Introduction to Dance DAH201 World Dance Perspectives
- e. Social and Behavioral Sciences [SB] 6
 1. Select 3 semester credits from the following courses:
 HIS103 United States History to 1870 HIS104 United States History
 1870 to Present
 AND
 2. Select 3 semester credits from the following courses:
 PSY101 Introduction to Psychology
 GCU121 World Geography I: Eastern Hemisphere
 GCU122 World Geography II: Western Hemisphere
 ECN111 Macroeconomic Principles
 ECN112 Microeconomic Principles
 POS110 American National Government
 ECH/CFS176 Child Development
- f. Natural Sciences—Science-Quantitative [SQ] and Science-General
 [SG] 8
 To complete the Natural Sciences requirement, select a total of 8
 semester credits from the following categories. At least 4 credits must
 be SQ courses. You can select 4 semester credits of SG and 4 semester
 credits of SQ for a total of 8 semester credits. Natural Sciences courses
 must include or be accompanied by the corresponding laboratory
 course. When the lecture and corresponding laboratory are awarded
 separate credit, both will be counted as equivalent to one course in
 that discipline.
- Select SQ and SG courses from the following categories:
1. Life Sciences
 AND
 2. Physical Sciences
 OR
 Earth/Space Sciences
2. Awareness Areas 0
 The MCCCD AAEE requires coursework in two Awareness Areas:
 Cultural Diversity in the U.S. [C]
 And
 Historical Awareness [H]
 OR
 Global Awareness [G]

Courses can satisfy a Core Area Requirement and one or more
 Awareness Areas, or can satisfy an Elementary Education Requirement
 and one or more Awareness Areas simultaneously. Therefore, no
 additional semester credits are required to satisfy the two Awareness
 Areas.



3. MCCCD Additional Requirements 0-3
- a. Oral Communication
Satisfied by COM225 or COM 230 taken for Literacy and Critical Inquiry Requirement
 - b. Critical Reading
CRE101 or exemption by testing
- II. Elementary Education Requirements 25
A total of 25 semester credits are required to satisfy the Elementary Education Requirements.
- A. Education Foundations 15
Complete the following courses to satisfy the Education Foundations requirements:
EDU221 Introduction to Education
EDU222 Introduction to the Exceptional Learner
EDU230 Cultural Diversity in Education
MAT156 Mathematics for Elementary Teachers I
MAT157 Mathematics for Elementary Teachers II
 - B. Electives for Arizona Professional Teacher Standards 10
A total of 10 semester credits are required to satisfy the Electives for Arizona Professional Teacher Standards: 3 credits in an additional Education course and 7 credits in Content Area Electives.

Courses must transfer to all public Arizona universities as Elective Credit, Departmental Elective, or Equivalent to a university course as indicated in the Arizona Course Equivalency Guide in effect when the course is taken. Courses identified as Non-transferable in the Arizona Course Equivalency Guide cannot be used to satisfy this requirement.
- 1) Additional Education Course Requirement
Select any EDU course (except EDU250) to satisfy this requirement.
 - 2) Content Area Electives
Select 7 credits from the following:

 - Any ARH, ART, CIS, BPC, ENG, ENH, GPH, HIS, MHL, MTC, POS, THE, THP prefixed course(s)
 - Any EDU prefixed course(s) (except EDU250)
 - Any MAT (courses numbered higher than 142 except MAT156 and MAT157)
 - Any Foreign Language course(s)
 - Any Natural Science course(s)
 - CFS/ECH176 Child Development

AAEE TOTAL CREDITS:

60-63



ASSOCIATE IN GENERAL STUDIES DEGREE (AGS)

Description

The Maricopa County Community College District Associate in General Studies (AGS) degree is recommended for students whose educational goals require flexibility. The AGS allows students to choose any elective courses numbered 100 or above to complete the degree. Therefore, this degree may be less appropriate for students who intend to transfer to a baccalaureate-granting institution.

Students who demonstrate skills comparable to those in Critical Reading and/or Mathematics and/or Computer Usage may substitute acceptable elective courses to satisfy the total credits required for the degree.

Academic Policies that Govern the Associate in General Studies Degree:

- requires a minimum of 60 semester credits in courses numbered 100 and above. AGS degree requirements follow with the use of a diagonal character (/) between course numbers to signify options. An asterisk (*) following the course number defines requirements with an effective begin term of spring;
- requires grades as listed for specific areas such as the General Education Core where a minimum grade of “C” is required. Courses applied to other areas may be completed with a minimum grade of “D”;
- uses the following policies for course(s) satisfying multiple program areas;
 1. A course can simultaneously satisfy one Core area and one Distribution area. Courses that meet this criterion are **bold** print and underscored in the Core areas and Distribution areas.
 2. A course cannot satisfy more than one Core area, even if it is approved for more than one Core area.
 3. A course cannot satisfy more than one Distribution area, even if it is approved for more than one Distribution area.
- follows the graduation policies within the general catalog;
- includes both courses and their modular equivalents; either the course or the modular equivalents will satisfy the Associate in General Studies;
- accepts one of the courses that is cross-referenced with other courses;
- provides for exemption from Arizona university admission requirements for students who complete the Associate in General Studies degree from a regionally accredited post-secondary institution with a minimum 2.0 on a 4.0=A scale for Arizona residents and a minimum 2.5 on a 4.0=A scale for non-residents.





Degree Requirements:

GENERAL EDUCATION CORE

(16 credits - grade of "C" or better)

First-Year Composition (6 credits)

ENG English [101/107] & [102/108]

Oral Communication (3 credits)

COM Communication **100/100AA & 100AB & 100AC/110/110AA & 110AB & 110AC/225/230**

Critical Reading (3 credits)

CRE Critical Reading **101/Equivalent** as indicated by assessment

Mathematics (3 credits)

MAT Mathematics 102/105/120/121/122/122AA/122AB/122AC/126/142/150/151/151AA/151AB/151AC/151AD/152/156/162/172/182/187/206/212/216/220/221/225/226/227/230/231/236/240/261/262/
Equivalent course/
Satisfactory completion of a higher level Mathematics course.

Computer Usage (1 credit)

Computer-related course or demonstration of comparable computer skills. Additional courses may be approved by individual colleges. Students should contact their advisor for college-specific courses satisfying the requirement.

ACC Accounting 115/115AA/115AB/115BA/115BB

ADA Advertising Arts 169/170/170AA/170AB/173/173AA/173AB/173AC/175/175AA/175AB/177/177AA/177AB/any 180 modules/183/183AA/183AB/183AC/283/283AA/283AB/283AC/289/289AA/289AB/289AC

AGB Agribusiness 139

AJS Administration of Justice Studies 117/**119**/205

ART Art 100/169/170/170AA/170AB/173/173AA/173AB/173AC/175/175AA/175AB/177/177AA/177AB/179/179AA/179AB/any 180 module/183/183AA/183AB/183AC/283/283AA/283AB/283AC/289/289AA/289AB/289AC

BPC Business-Personal Computers Any BPC Course(s)

CFS Child/Family Studies 180

CIS Computer Information Systems Any CIS Course(s) (Except CIS183AA)

CSC Computer Science Any CSC Course(s)

CTR Court Reporting 101/102

DFT Drafting Technology 103/105/any 105 module/150/151/200/201/251/any 251 module/253/any 253 module/any 254 module/any 256 module

ECE Engineering Science 102/102AA/103/103AB/139

ECH Early Childhood Education 238

EEE Electrical Engineering 120

ELE Electronic 115/131/150/181/241/243/245/281

ELT Electronic Technology 131/131AA/131AB/241/243/249/273/281/282

ENG English 100AE

FON Food & Nutrition 100/100AA/100AC/100AD/140BC

GPH Physical Geography 217/219

HRM Hotel Restaurant Management 126

JRN Journalism 133

LAS Legal Assisting 229

LBT Library Technology 106

MAT Mathematics 206

MET Manufacturing Technology 105AA/264

MTC	Music Theory/Composition 191
NET	Networking Technology 181/181AA/181AB/247
OAS	Office Automation Systems 111AA/111AB/113/113AA&113AB/119/130/any 130 module/any 135 module/any 235 module
PSY	Psychology 230
QCT	Quality Control Technology 274
SBS	Small Business 211
SMT	Semiconductor Manufacturing Technology 131/131AA/131AB/150
TCM	Telecommunications 106
TVL	Travel Agent Technology 203/205
VPT	Video Production Technology 106

GENERAL EDUCATION DISTRIBUTION AREAS(28-29 credits)

Humanities and Fine Arts (9 credits)

Students are encouraged to choose courses from more than one discipline.

Select nine (9) credits from the following:

AIS	American Indian Studies 213
AJS	Administration of Justice Studies 123
ARH	Art Humanities Any ARH Course(s)
ASB	Anthropology 211/222/223
COM	Communication 241
DAH	Dance Humanities 100/201
EDU	Education 291/292/294
ENG	English 200/260
ENH	English Humanities Any ENH Course(s)
FRE	French 265/266
HCR	Health Care Related 210
HIS	History 109/243
HUM	Humanities Any HUM course(s)
INT	Interior Design 115/120/225
LAT	Latin 201/202
MHL	Music: History/Literature 140/143/145/146/147/153/155
PHI	Philosophy Any PHI Course(s) (EXCEPT 113)
REL	Religious Studies Any REL Course(s)
SPA	Spanish 265/266
SPH	Spanish Humanities 150/151/245
STO	Storytelling 292/294
TCM	Telecommunication 145
THE	Theater 111/205/206/210/220/260
THP	Theater/Performance/Production 241
WST	Women's Studies 209/284/285

Social and Behavioral Sciences (9 credits)

Students are encouraged to choose courses from more than one discipline

AIS	American Indian Studies 101/105/140/141/160/170
AFR	African American Studies 110/203/204
AJS	Administration of Justice Studies 101/119/200/259/270
ASB	Anthropology 100/102/211/214//222/223/230/235/238/245
ASM	Anthropology 104
CFS	Child/Family Studies 157/159/176/205/259
COM	Communication 100/100AA&100AB&100AC/110/110AA&110AB&110AC/230/250/263
ECH	Early Childhood Education 176
ECN	Economics Any ECN Course(s)
EDU	Education 221/222
EMT	Emergency Medical Technology 258
FSC	Fire Science 258



FUS	Future Studies 101
GBS	General Business 280
GCU	Cultural Geography 102/121/122/141/221/253
HES	Health Science 100
HIS	History any HIS Course(s)
IBS	International Business 109
MCO	Mass Communications 120
PHI	Philosophy 243
POS	Political Science Any POS course(s)
PSY	Psychology 101/123/125/132/156/157/215/218/235/240/245/250/258/259/ 260/266/270/277/280/281/292
REC	Recreation 120/160
REL	Religious Studies 243
SBU	Society and Business 200
SOC	Sociology Any SOC course(s) (EXCEPT 242)
SWU	Social Work 102/171/258/292*
TEC	Textiles and Clothing 105/106
WED	Wellness Education 100/110
WST	Women's Studies 100/105/110/120/160/161
YAQ	Yaqui Indian History & Culture 100

Natural Sciences (7-8credits)

Two lecture course(s) and one corresponding laboratory courses are to be selected. The lecture and corresponding laboratory course(s) may carry separate credit. For appropriate course selection students should consult with an advisor.

AGS	Agricultural Science 164, 183
ASB	Anthropology 231
ASM	Anthropology 104, 265
AST	Astronomy 101/102/111/112/113/114
BIO	Biology 100/101/102/105/107*/108/109/110/145/149AF/149AH/149AI/149AJ/ 149AK/149AL/149AM/AN/150/156/160/181/182/201/205/241/245 & 246
CHM	Chemistry 107/107LL/130/130LL/151/151LL/152/152LL/154/154LL/230/ 230LL
GLG	Geology Any GLG course(s)
GPH	Physical Geography 111/112/113/210/211/212/214
ISS	Interdisciplinary Science Studies 111/112
PHS	Physical Science 110/120
PHY	Physics 101/111/112/115/116/121/131/252
PSY	Psychology 290AB/290AC

Literacy & Critical Inquiry (3 credits)

AIS	American Indian Studies 213
CCS	Chicana and Chicano Studies 101
COM	Communication 207/222/225/230/241
CRE	Critical Reading 101
DAH	Dance Humanities 201
ENG	English 111/200/213/215/216/217/218
ENH	English Humanities 254/255
FON	Food & Nutrition 206
GBS	General Business 233
GPH	Physical Geography 211
HUM	Humanities 250/251
IGS	Integrated Studies 290AA&290AB/291/293
JRN	Journalism 201/212



MCO	Mass Communications 220
MHL	Music: History/Literature 140
PHI	Philosophy 103/106/225
POS	Political Science 115
PSY	Psychology 290AB/290AC
REL	Religious Studies 203/205/225
THE	Theater 220
THP	Theater Performance/Production 241

Elective Courses (15-16 credits)

May select courses from prefixes already chosen for General Education Distribution requirements in order to develop depth in one or more subject areas.

*Indicates and effective term Spring 2004





ASSOCIATE IN TRANSFER PARTNERSHIP DEGREE (ATP)

Purpose of the Degree

The Maricopa County Community College District Associate in Transfer Partnership (ATP) degree is designed to meet the needs of the Maricopa Community College students transferring to public and private colleges and universities. This degree is developed specifically for students who have an identified major and have selected the baccalaureate degree-granting institution to which they intend to transfer.

The Associate in Transfer Partnership degree is an articulated academic program of study established among the student, the accredited baccalaureate degree-granting institution selected by the student, and the primary Maricopa Community College the student attends. The program of study will “parallel” the student’s four-year degree as designated by the baccalaureate degree-granting institution. That is, the courses and number of credit hours in the degree will consist of the Freshman and Sophomore lower division course degree requirements of the major as jointly planned and agreed on with the community college and the accredited institution to which the student plans to transfer.

The ATP degree requires a core of general education credits in the following general education categories: First-Year Composition (6 credits); Mathematics (3 credits); Natural Sciences (4 credits); and Humanities and Fine Arts/Social and Behavioral Sciences or related area general education requirements (6 credits). Also included in the ATP degree are the general education and major requirements to meet the lower division requirements of the major at the baccalaureate degree-granting institution. The ATP degree must consist of at least a minimum of 60 credit hours. The ATP degrees are accessible on the following web site:

<http://www.dist.maricopa.edu/academic/curric/>

Click on Program Information to access ATPs.

Exemption From Arizona University Admission Requirements

The Associate in Transfer Partnership degree provides for exemption from Arizona university admission requirements for students who complete the degree from a regionally accredited post-secondary institution with a minimum 2.0 on a 4.0=A scale for Arizona residents and a minimum 2.5 on a 4.0=A scale for non-residents.

The ATP degree does not assure admission to the specific program at the baccalaureate degree-granting institution. Students participating in the ATP degree will be treated as “native” students by the upper division institution in terms of course evaluation and course changes.

Advising is a critical element of the transfer partnership degree, and students must work closely with a community college academic advisor prior to entering into a transfer partnership agreement. Once a transfer partnership agreement has been initiated by the student, approved and signed off by a community college academic advisor and university authorized official, the student is responsible for periodic meetings with the community college advisor and, if/when determined necessary, with the appropriate baccalaureate degree-granting institution academic advisor. Upon completion of 36 hours, the student must receive formal advising at a Maricopa Community College before the remainder of their classes can be scheduled.

**ELEMENTS OF THE ASSOCIATE IN TRANSFER PARTNERSHIP (ATP)
DEGREE**

ELEMENT	CREDITS
MCCCD General Education Core	19
Approved Lower Division Transfer Courses (Major dependent with maximum to be determined by receiving baccalaureate degree granting institution)	Variable
Associate in Transfer Partnership Degree Total Hours	60 minimum

Associate in Transfer Partnership degrees are available in the following areas. Other ATP degrees may be added later depending on curricular needs:

Business	Psychology
Elementary Education	Social Work
Housing & Urban Development	Kinesiology
Accountancy	Computer Information Systems
Construction	Food & Nutrition
American Indian Studies	Nursing
Recreation	Excercise and Wellness
K-8 Classroom Instructional Support	Nonprofit/Youth & Human Service
	Leadership & Management





ASSOCIATE IN APPLIED SCIENCE DEGREE (AAS)

Purpose of Degree

The Maricopa County Community College District Associate in Applied Science (AAS) degree is recommended for students who wish to gain a depth of technical expertise by completing an occupational program presented in the college catalog. Students should consult this catalog to determine specific program requirements.

Academic Policies that Govern the AAS Degree

- requires 60 or more credits numbered 100 or above and includes credits or the equivalent in the General Education Core areas and credits in the Distribution areas. AAS degree requirements follow with the use of a diagonal character (/) between course numbers to signify options. An asterisk (*) following the course number defines requirements with an effective begin term of spring;
- requires grades as listed for specific areas such as the General Education Core where a minimum grade of “C” is required. See specific AAS occupational degree for specific program grade requirements;
- follows the graduation policies within the general catalog;
- includes both courses and their modular equivalents, either the course or the modular equivalents will satisfy the Associate in Applied Science requirements.
- requires at least 12 semester credit hours earned at the college awarding the AAS degree. The 12 hours in the AAS degree curricula may be in the Required Courses area and/or Restricted Electives courses. Courses from the General Education Core and Distribution area are excluded.
- Shared Programs are programs offered at multiple colleges but not available at all college. The requirements are identical at all the colleges offering the program.
- A Shared program requires a minimum of six credit hours from the total program requirements to be completed with a grade of “C” or better at the college awarding the certificate or degree. The exception is the Nursing program. For those shared programs with less than six credit hours, the total hours for the program must be completed at the college awarding the certificate. The minimum of six credit hours in the certificate or degree curricula may be in the Required Courses area and/or the Restricted Electives. Courses from the General Education core and Distribution area are excluded;
- Student must apply for graduation from the college where they have successfully completed Block 4 of the Associate in Applied Science in Nursing.
- requires completion of General Education courses as indicated in the General Education Requirements for the Associate in Applied Science degree from the Maricopa County Community College District, or completion of a curriculum as stated in the catalog;
- accepts one of the courses that is cross-referenced with other courses;
- provides for exemption from Arizona university admission requirements for students who complete the Associate in Applied Science (AAS) degree from a regionally accredited post-secondary institution with a minimum 2.0 on a 4.0=A scale for Arizona residents and a minimum 2.5 on a 4.0=A scale for non-residents.



GENERAL EDUCATION CORE

(15 credits - grade of "C" or better.)

Demonstrate college-level skills in the following areas:

First-Year Composition (6 credits)

ENG English [101/107] & [102/108/111]

Oral Communication (3 credits)

COM Communication 100/100AA & 100AB & 100AC/110/110AA & 110AB & 110AC/225/230

Critical Reading (3 credits)

CRE Critical Reading 101/111/Equivalent as indicated by assessment

Mathematics (3 credits)

MAT Mathematics 102/105/120/121/122/122AA/122AB/122AC/126/142/150/151/151AA/151AB/151AC/151AD/152/156/162/206*/172/182/187/212/216/220/221/225/226/227/230/231/236/241/261/262/Equivalent as indicated by assessment/Satisfactory completion of a higher level mathematics course.

GENERAL EDUCATION DISTRIBUTION AREAS (9-10 credits)**Humanities and Fine Arts (2-3 credits)**

Students are encouraged to choose courses from more than one discipline.

AIS American Indian Studies 213
 AJS Administration of Justice Studies 123
 ARH Art Humanities Any ARH Course(s)
 ASB Anthropology 211//222/223
 COM Communication 241
 DAH Dance Humanities 100/201
 EDU Education 291/292/294
 ENG English 200/260
 ENH English Humanities Any ENH Course(s)
 FRE French 265/266
 HCR Health Care Related 210
 HIS History 243
 HUM Humanities Any HUM course(s)
 INT Interior Design 115/120/225
 LAT Latin 201/202
 MHL Music: History/Literature 140/143/145/146/147/153/155
 PHI Philosophy Any PHI Course(s) (EXCEPT 113)
 REL Religious Studies Any REL Course(s)
 SPA Spanish 265/266
 SPH Spanish Humanities 150/151/245
 STO Storytelling 292/294
 TCM Telecommunication 145
 THE Theater 111/205/206/210/220/260
 THP Theater/Performance/Production 241
 WST Women's Studies 209/284/285

**Indicates an effective term of Spring 2004*





Social and Behavioral Sciences (3 credits)

Students are encouraged to choose courses from more than one discipline.

AIS	American Indian Studies 101/105/140/141/160/170
AFR	African American Studies 110/203/204
AJS	Administration of Justice Studies 101/200/225/258/259/270
ASB	Anthropology 100/102/211/214/222/223/230/235/238/245
ASM	Anthropology 104
CFS	Child/Family Studies 157/159/176/205/259
COM	Communications 100/100AA & 100AB & 100AC/110/110AA & 110AB & 100AC/ 110/110AA & 110AB & 110AC/230/250/263
ECH	Early Childhood Education 176
ECN	Economics Any ECN course(s)
EDU	Education 221/222
EMT	Emergency Medical Technology 258
FSC	Fire Science Technology 258
FUS	Future Studies 101
GBS	General Business 280
GCU	Cultural Geography 102/121/122/141/221/253
HES	Health Science 100
HIS	History Any HIS course(s)
IBS	International Business 109
MCO	Mass Communications 120
PHI	Philosophy 243
POS	Political Science Any POS course(s)
PSY	Psychology 101/123/125/132/156/157/215/218/235/240/245/250/258/259/ 260/266/270/277/280/281/292
REC	Recreation 120/160
REL	Religious Studies 243
SBU	Society and Business 200
SOC	Sociology Any SOC course(s) (EXCEPT 242)
SWU	Social Work 102/171/258/292*
TEC	Textiles and Clothing 105/106
WED	Wellness Education 100/110
WST	Women's Studies 100/105/110/120/160
YAQ	Yaqui Indian History and Culture 100

Natural Sciences (4 credits)

The lecture course(s) selected for Natural Sciences must include or be accompanied by the corresponding laboratory course. The lecture and corresponding laboratory course(s) may carry separate credit. Students should consult with an advisor for appropriate course selection.

AGS	Agricultural Science 164
ASB	Anthropology 231
ASM	Anthropology 104/265
AST	Astronomy 101/102/111/112/113/114
BIO	Biology 100/101/102/105/107*/108/109/110/145/149AN/150/156/160/181/182/ 201/205/241/245 & 246
CHM	Chemistry 107/107LL/130/130LL/151/151LL/152/152LL/154/154LL/230/230LL
GLG	Geology Any GLG course(s) (EXCEPT 140/251MC)
GPH	Physical Geography 111/112/113/212/214
ISS	Interdisciplinary Science Studies 111/112
PHS	Physical Science 110/120
PHY	Physics 101/111/112/115/116/121/131/252
PSY	Psychology 290AB/290AC

*Indicates an effective term of Spring 2004






ACADEMIC CERTIFICATE

Purpose of the Academic Certificate

The Maricopa Community College District Academic Certificate is a defined and coherent program of study that is recommended for students who wish to gain additional expertise in an academic area. While this program of study can result in proficiency in specified skills and competencies, as well as mastery of knowledge, it is not designed to prepare someone for employment in a specific occupation. The content for an Academic Certificate may be derived from a variety of disciplines or it can be discipline specific. The Academic Certificate does not require a general education component even though requirements of the certificate may include courses that currently meet specific general education designations such as Humanities and Fine Arts, Social and Behavioral Sciences, etc.

Academic Policies that Govern the Academic Certificate:

- generally ranges from 12-39 credit hours in courses numbered 100 or above, although there is no minimum number of credit hours required for an Academic Certificate;
 - requires a cumulative GPA of 2.0 or better for completion;
 - follows the graduation policies within the general catalog;
 - accepts one of the courses that is cross-referenced with other courses;
 - includes both courses and their modular equivalents, either the course or the modular equivalents will satisfy the Academic Certificate requirements;
 - does not presume block transfer value. Consequently, in most cases the Academic Certificate should not be a subset of an existing transfer degree;
 - may have admission criteria established by the college if and when appropriate;
 - is for the most part college specific
- 

MCCD COURSES THAT CAN BE USED TO SATISFY MCCD AGEC-A, AGEC-B, AND/OR AGEC-S

(The MCCCD Curriculum office maintains this document on a semester basis.)

1. Courses can satisfy a Core area and one or two Awareness Areas simultaneously.
2. A course cannot be used to satisfy more than one Core Area requirement.

General Studies Designations

C	Cultural Diversity in the United States	MA	Mathematics studies
FYC	First-Year Composition	SQ	Natural Sciences
G	Global Awareness	SG	Natural Sciences
HU	Humanities and Fine Arts	H	Historical Awareness
L	Literacy and Critical Inquiry	CS	Computer/Statistics/Quantitative Applications
SB	Social and Behavioral Sciences		

Course #	Cr.	Course Name	Areas	Course #	Cr.	Course Name	Areas
AFR110	3	Introduction to African -American Studies	SB	AST114	1	Astronomy II Laboratory	SQ,SG
AFR203	3	African-American History: The Slavery Experience.. ..	SB, H	BIO100	4	Biology Concepts	SQ, SG
AFT204	3	African-American History: Reconstruction to the	SB, H	BIO101	4	Gen Bio (Non-Majors) Selected Topics	SQ,SG
AGB139	3	Agribusiness Computer Operations	CS	BIO102	4	Gen Bio (Non-Majors) Additional Topics	SQ,SG
AGS164	4	Plant Growth & Development	SQ,SG	BIO105	4	Environmental Biology	SQ,SG
AIS101	3	Survey of American Indian Issues	SB, C	BIO107	4	Introduction to Biotechnology	SQ, G
AIS105	3	Introduction to American Indian Studies	SB,C	BIO108	4	Plants and Society	SQ,SG
AIS140	3	American Indian History	C, H, SB	BIO109	3	Natural History of the Southwest and	
AIS141	3	Sovereign Indian Nations	SB,H,C	BIO110	1	Lab for Natural History of the Southwest	SG
AIS160	3	American Indian Law	C	BIO145	2	Marine Biology	SG
AIS170	4	American Indian History of the Southwest	SB,C,H	BIO156	4	Human Biology for Allied Health	SG
AIS213	4	American Indian Religions	L,HU,C	BIO160	4	Intro/Human Anatomy and Physiology	SG
AJS101	3	Intro to Criminal Justice	SB	BIO181	4	General Biology (Majors) I	SQ,SG
AJS119	3	Computer Application Justice Studies	CS	BIO182	4	General Biology (Majors) II	SQ,SG
AJS123	3	Ethics and Administration of Justice	HU	BIO201	4	Human Anatomy and Physiology I	SG
AJS200	3	Current Issues in Criminal Justice	SB	BIO205	4	Microbiology	SG
AJS225	3	Criminology	SB	BIO241	4	Human Genetics	SG
AJS258	3	Victimology & Crisis Management	SB,C	BIO245	3	Cellular & Molecular Biology AND	
AJS270	3	Community Relations	C, SB	BIO246	1	Cellular & Molecular Biology Lab	SG,SG
AMS150	4	Digital Systems and Microprocessors	CS	BPC110	3	Computer Usage and Applications	CS
ARB201	4	Intermediate Arabic I	G	BPC217AM	3	Adv Microsoft Access: Database Mgmt.	CS
ARB202	4	Intermediate Arabic II	G	CCS101	3	Chicana and Chicano Studies	C, L
ARH100	3	Intro to Art	HU, C	CFS157	3	Marriage and Family Life	SB
ARH101	3	Prehistoric Through Gothic Art	H, HU, G	CFS159	3	The Modern Family	SB
ARH102	3	Renaissance Through Contemporary Art	H, HU, G	CFS176	3	Child Development	SB
ARH115	3	History of Photography	HU	CFS205	3	Human Development	SB
ARH118	3	Intro to Chinese Art	G, HU	CFS242	3	Curriculum Planning for Diversity	C
ARH145	3	History of American Indian Art	HU,C,G	CFS259	3	Sexuality Over the Life Span	SB
ARH202	3	Art of Asia	G, H, HU	CHI201	5	Intermediate Chinese I	G
ARH217	3	Mexican Art History	H, HU	CHI202	5	Intermediate Chinese II	G
ASB102	3	Intro/Cultural and Social Anthropology	G, SB	CHM107	3	Chemistry and Society and	
ASB202	3	Ethnic Relations in the U. S.	C, H, SB	CHM107LL	1	Chemistry and Society Lab	G
ASB211	3	Women in Other Cultures	HU, G, SB	CHM130	3	Fundamental Chemistry and	
ASB214	3	Magic, Witchcraft and Healing	G, SB	CHM130LL	1	Fundamental Chemistry Lab	SQ,SG,G
ASB222	3	Buried Cities and Lost Tribes	G, H, HU, SB	CHM151	3	General Chemistry I and	
ASB223	3	Buried Cities & Lost Tribes: New World	G, H, HU, SB	CHM151LL	1	General Chemistry I Lab	SQ,SG
ASB230	3	Principles of Archaeology	SB	CHM152	3	General Chemistry II and	
ASB231	4	Intro/Archaeological Field Methods	SG	CHM152LL	1	General Chemistry II Lab	SQ,SG
ASB235	3	Southwest Archaeology	C, H, SB	CHM154	3	General Chemistry II with Qual and	
ASB238	3	Archaeology of N. America	H, SB	CHM154LL	2	General Chemistry II with Qual Lab	SQ,SG
ASB245	3	Indians of the Southwest	C, H, SB	CHM230	3	Fundamental Organic Chemistry and	
ASM104	3	Intro to Biological Anthropology	SG,H,SB	CHM230LL	1	Fundamental Organic Chemistry Lab	SQ,SG
ASM265	4	Laboratory Methods in Archaeology	SG	CIS105	3	Survey Computer Info Systems	CS
AST101	3	Survey of Astronomy and		CIS158	3	COBOL Programming I	CS
AST102	1	Survey of Astronomy Laboratory	SG	CIS159	3	Visual Basic Programming I	CS
AST111	3	Intro to Astronomy I and		CIS162	3	C Programming I	CS
AST113	1	Astronomy I Laboratory	SQ,SG	CIS162AA	3	C: Level I	CS
AST112	3	Intro to Astronomy II and		CIS162AB	3	C++: Level I	CS
				CIS162AC	3	Visual C++: Level I	CS
				CIS163AA	3	Java Programming: Level II	CS

CIS169	3	Introduction to Visual Basic for Applications	CS	ENG107	3	Eng For Speakers Of Other Languages	FYC
CIS175JA	3	Java Programming for Non-C Programmers	CS	ENG108	3	Eng For Speakers Of Other Languages	FYC
CIS217AM	3	Adv Microsoft Access: Database Mgmt.	CS	ENG111	3	Technical Writing	L
CIS259	3	Visual Basic Programming II	CS	ENG200	3	Reading and Writing About Literature	L
CIS262	3	C Programming II	CS	ENG213	3	Intro to the Study of Language	L
COM100	3	Intro to Human Communication	SB	ENG215	3	Strategies of Academic Writing	L
COM100AA	1	Intro Human Communication, Part I and		ENG216	3	Persuasive Writing on Public Issues	L
COM100AB	1	Intro Human Communication, Part II and		ENG217	3	Personal and Exploratory Writing	L
COM100AC	1	Intro Human Communication, Part III	SB	ENG218	3	Writing About Literature	L
COM110	3	Interpersonal Communication	SB	ENG260	3	Film Analysis	HU
COM110AA	1	Interpersonal Communication, Part I and		ENH110	3	Intro to Literature	HU,C
COM110AB	1	Interpersonal Communication, Part II and		ENH112	3	Chicano Literature	C, HU
COM110AC	1	Interpersonal Communication, Part II	SB	ENH113	4	Writers and Current Issues	HU
COM207	3	Intro to Communication Inquiry	L	ENH114	3	African-American Literature	C, HU
COM222	3	Argumentation	L	ENH201	3	World Literature Through Renaissance	G, H, HU
COM225	3	Public Speaking	L	ENH202	3	World Literature After Renaissance	G, H, HU
COM230	3	Small Group Communication	L, SB	ENH204	3	Intro. to Contemporary Literature	HU
COM241	3	Performance of Literature	HU, L	ENH205	3	Asian American Literature	C, HU
COM250	3	Intro to Organizational Communication	SB	ENH206	3	Nature and Environmental Literature	HU
COM263	3	Elements of Intercultural Communication	C, G, SB	ENH214	3	Poetry Study	HU
CPD160	3	Introduction to Multiculturalism	C	ENH221	3	Survey of English Lit Before 1800	H, HU
CRE101	3	Critical and Evaluative Reading I	L	ENH222	3	Survey of English Lit After 1800	H, HU
CSC100	3	Intro to Computer Science for Non-Majors	CS	ENH230	3	Intro to Shakespeare	HU
CSC100AA	4	Intro to Computer Science for Non-Majors	CS	ENH241	3	American Literature Before 1860	HU
CSC100AB	4	Intro. to Computer Science (C++)	CS	ENH242	3	American Literature After 1860	HU
CSC150	3	Programming in C/C++	CS	ENH250	3	Classical Backgrounds in Literature	HU
CSC150AA	4	Programming in C/C++	CS	ENH251	3	Mythology	G, HU
CSC181	3	Applied Problem Solving with Visual Basic	CS	ENH254	3	Literature and Film	HU, L
CSC181AA	3	Applied Problem Solving with Visual Basic	CS	ENH255	3	Contemporary US Literature & Film	C, HU, L
CSC181AB	4	Applied Problem Solving with Visual Basic	CS	ENH256	3	Shakespeare on Film	HU
CSC183	3	Applied Problem Solving with Fortran	CS	ENH259	3	American Indian Literature	C, HU
CSC200	3	Principles of Computer Science	CS	ENH260	3	Literature of the Southwest	C, HU
CSC200AA	3	Principles of Computer Science (Java)	CS	ENH270	3	19th Century American Fiction	HU
CSC200AB	4	Principles of Computer Science (Java)	CS	ENH275	3	Modern Fiction	HU
CSC210	3	Data Structures and Algorithms (Java)	CS	ENH284	3	19th Century Women Writers	C, HU
CSC210AA	3	Data Structures & Algorithms (Java)	CS	ENH285	3	Contemporary Women Writers	C, HU
CSC210AB	4	Data Structures & Algorithms (Java)	CS	ENH289	3	Literature from Contemporary Nobel Laureates	HU
DAH100	3	Intro to Dance	HU,G	ENH291	3	Children's Literature	HU
DAH201	3	World Dance Perspectives	G, HU	ENH294	3	Folkloric Awareness	C, HU
DFT105	3	Computer Aided Drafting I	CS	ENH295	3	Banned Books and Censorship	C, HU
DFT253	3	Computer Aided Drafting IIA	CS	FRE201	4	Intermediate French I	G
ECE102	2	Engineering Analysis Tools and Techniques &		FRE201AA	4	Intermediate French I	G
ECE103	2	Engineering Problem Solving & Design	CS	FRE202	4	Intermediate French II	G
ECE102	2	Engineering Analysis Tools and Techniques &		FRE202AA	4	Intermediate French II	G
ECE103AB	2	Engineering Problem Solving & Design	CS	FRE265	3	Advanced French I	G, HU
ECE102AA	2	Engineering Analysis Tools and Techniques &		FRE266	3	Advanced French II	G, HU
ECE103	2	Engineering Problem Solving & Design	CS	FSC258	3	Victimology & Crisis Management	C,SB
ECE102AA	2	Engineering Analysis Tools and Techniques &		GBS220	3	Quantitative Methods in Business	MA
ECE103AB	2	Engineering Problem Solving & Design	CS	GBS221	3	Business Statistics	CS
ECH176	3	Child Development	SB	GBS233	3	Business Communication	L
ECN111	3	Macroeconomic Principles	SB	GBS280	3	Organizational Psychology	SB
ECN112	3	Microeconomic Principles	SB	GCU102	3	Intro to Human Geography	G,SB
ECN160	3	Economic History of United States	SB, H	GCU121	3	World Geography: Eastern Hemisphere	G,SB
ECN212	3	The World Economy	G,SB	GCU122	3	World Geography: Western Hemisphere	G,SB
ECN250	3	World Economic Systems	G,SB	GCU141	3	Intro to Economic Geography	G,SB
EDU221	3	Introduction to Education	SB	GCU221	3	Arizona Geography	C, H, SB
EDU222	3	Intro to the Exceptional Learner	C, SB	GCU223	3	Geography of Latin America	SB, G
EDU225	3	Found. of ESL & Bilingual Education	C	GCU253	3	Intro/Cultural and Historical Geography	G,SB
EDU230	3	Cultural Diversity in Education	C	GER201	4	Intermediate German I	G
EDU235	3	Mexican-American Child in Classroom	C	GER201AA	4	Intermediate German I	G
EDU291	3	Children's Literature	HU	GER202	4	Intermediate German II	G
EDU292	3	The Art of Storytelling	C, HU	GER202AA	4	Intermediate German II	G
EDU294	3	Multicultural Folktales	C, HU	GLG101	3	Intro to Geology I-Physical Lecture and	
ELE131	4	Digital Logic and Circuits and		GLG103	1	Intro to Geology I-Physical Lab	G, SQ, SG
ELE241	4	Microprocessor Concepts	CS	GLG102	3	Intro to Geology II-Historical Lecture and	
ELE150	4	Digital Systems/Microprocessors	CS	GLG104	1	Intro to Geology II-Historical Lab	H, SG
ELT241	4	Microcontrollers	CS	GLG105	4	Intro to Planetary Science	SG
ELT282	4	Structured Assembly Lang Programming	CS	GLG110	3	Environmental Geology I Lecture	G
EMT258	3	Victimology & Crisis Management	SB	GLG110	3	Environmental Geology I Lecture and	
ENG101	3	First-Year Composition	FYC	GLG111	1	Environmental Geology I Lab	G, SG
ENG102	3	First-Year Composition	FYC	GPH111	4	Intro to Physical Geography	SQ, SG

GPH112	3	Intro to Physical Geography and			
GPH113	1	Intro to Physical Geography Lab	SQ, SG		
GPH210	3	Intro. to Environmental Geography	G		
GPH211	3	Landform Processes	L		
GPH212	3	Intro to Meteorology I and			
GPH214	1	Intro to Meteorology Lab I.....	SG, SQ		
GPH217	3	Intro/Geographic Information Systems	CS		
GPH219	3	Introduction to Arc View	CS		
HCR210	3	Clinical Health Care Ethics	HU		
HCR220	3	Health Care Organizations.....	H		
HCR230	3	Culture and Health	C, G		
HEB201	4	Intermediate Hebrew I.....	G		
HEB202	4	Intermediate Hebrew II	G		
HES100	3	Healthful Living	SB		
HIS100	3	History Western Civ to Middle Ages	H, SB		
HIS101	3	History Western Civ/Middle Ages-1789	H, SB		
HIS102	3	History Western Civ/1789 to Present	G, H, SB		
HIS103	3	United States History to 1870	H, SB		
HIS104	3	United States History 1870 to Present	H, SB		
HIS105	3	Arizona History	H, SB		
HIS105AA	1	Arizona History Part I and			
HIS105AB	1	Arizona History Part II and			
HIS105AC	1	Arizona History Part III	H, SB		
HIS106	3	Southwest History	C, H, SB		
HIS108	3	United States History 1945 to Present	C, H, SB		
HIS109	3	Mexican American History and Culture	C, H, SB		
HIS111	3	World History 1500 to the Present.....	G, H		
HIS113	3	History of Eastern Civilizations to 1850	G, H, SB		
HIS114	3	History of Eastern Civ to 1850 to Present ...	G, H, SB		
HIS135	3	Military History of the Southwest	H, SB		
HIS140	3	American Indian History	C, H, SB		
HIS145	3	History of Mexico	G, H, SB		
HIS170	3	American Indian History of the Southwest	SB, C, H		
HIS173	3	United States Military History	SB, H		
HIS201	3	History of Women in America	C, H, SB		
HIS203	3	African-American History I	C, H, SB		
HIS209	3	The Chicano in 20th Century America.....	C, H, SB		
HIS241	3	Latin American Civ in the Colonial Period	H, SB		
HIS242	3	Latin American Civ Post-Colonial Period.....	G, H, SB		
HIS243	3	World Religions	G, H, HU		
HIS251	3	History of England to 1700	H, SB		
HIS252	3	History of England 1700 to Present	H, SB		
HIS272	3	History of the Far East 1900 to Present	G, H, SB		
HIS273	3	U. S. Experience in Vietnam 1945-1975	G, H, SB		
HIS277	3	The Modern Middle East	G, H, SB		
HUM101	3	General Humanities.....	HU		
HUM105AA1		Cultural Perspective:African Ideas/Values	C, HU		
HUM105AB1		Cult Perspective:Native-American Ideas/Values	C, HU		
HUM105AC1		Cult Perspective: Asian Ideas/Values	C, HU		
HUM105AD1		Cult Perspective: Hispanic Ideas/Values	C, HU		
HUM105AE1		Cult Perspective:Mid-Eastern Ideas/Values	C, HU		
(Note: 3 of the 5 HUM105 modules must be taken to secure C, HU credit)					
HUM107	3	Humanities Through the Arts	HU		
HUM108	3	Contemporary Humanities	HU		
HUM120	3	Cultural Viewpoints in the Arts	C, HU		
HUM125	3	The Urban Experience	HU		
HUM190AA1		Honors Forum	HU		
HUM190AB1		Honors Forum	HU		
HUM190AC1		Honors Forum	HU		
HUM190AD1		Honors Forum	HU		
HUM190AE1		Honors Forum	HU		
HUM190AF1		Honors Forum	HU		
HUM190AG1		Honors Forum	HU		
HUM190AH1		Honors Forum	HU		
HUM190AI1		Honors Forum	HU		
(Note: 3 of the 9 HUM190 modules must be taken to secure HU credit)					
HUM201	3	Humanities: Universal Themes	G, HU		
HUM202	3	Humanities: Universal Themes	G, HU		
HUM203	4	Hum: Intellectual Community/Legal Ethics	HU		
HUM205	3	Intro to Cinema	HU, H		
HUM206	3	Intro to Television Arts	HU		
HUM207	3	Humanities: Biomedical Ethics	HU		
HUM208	3	Arts and World Views of the Southwest.....	C, HU		
HUM209	3	Women and Films	C, H, HU		
HUM210	3	Contemporary Cinema	HU		
HUM211AA3		Foreign Films: Classics	HU, G		
HUM211AB3		Foreign Films: Japanese	HU, G		
HUM211AC3		Foreign Films: French	HU, G		
HUM213	3	Hispanic Films	HU, G		
HUM214	3	African-Americans in Film	HU, C		
HUM250	3	Ideas & Values in the Humanities	L, HU, H		
HUM251	3	Ideas & Values in the Humanities	L, HU, H		
HUM260	3	Intercultural Perspectives	HU, C		
HUM261	3	Asian Ideas & Values	HU, G, H		
HUM292	3	The Art of Storytelling	HU, C		
IBS101	3	Intro. to International Business	G		
IBS109	3	Cultural Dimension for International Trade	SB, G		
IGS291	3	Studies in Global Awareness	G, L		
IGS292	3	Studies in Cultural Diversity	C		
IGS293	3	Studies in Historical Awareness	H, L		
INT115	3	Historical Architecture and Furniture	H, HU		
INT120	3	20th Century Architecture and Furniture	H, HU		
INT225	3	History of Decorative Arts	HU		
ITA201	4	Intermediate Italian I	G		
ITA201AA	4	Intermediate Italian I	G		
ITA202	4	Intermediate Italian II	G		
ITA202AA	4	Intermediate Italian II	G		
JAS225	3	Statistics for Social Research/Justice & Gov.	CS		
JPN201	5	Intermediate Japanese I	G		
JPN202	5	Intermediate Japanese II	G		
JRN201	3	Newswriting	L		
JRN212	3	Broadcast Writing	L		
LAT201	4	Intermediate Latin I	HU		
LAT202	4	Intermediate Latin II	HU		
MAT142	3	College Mathematics	MA		
MAT150	5	College Algebra Concepts	MA		
MAT151	4	College Algebra	MA		
MAT151AA1		College Algebra I and			
MAT151AB1		College Algebra II and			
MAT151AC1		College Algebra III and			
MAT151AD1		College Algebra IV	MA		
MAT152	3	College Algebra	MA		
MAT162	3	University Mathematics	MA		
MAT172	3	Finite Mathematics	MA		
MAT182	3	Plane Trigonometry	MA		
MAT187	5	Precalculus	MA		
MAT206	3	Elements of Statistics	CS, MA		
MAT212	3	Brief Calculus	MA		
MAT216	3	Technical Calculus I	MA		
MAT220	5	Analytic Geometry and Calculus I	MA		
MAT221	4	Calculus with Analytic Geometry I.....	MA		
MAT225	3	Elementary Linear Algebra	MA		
MAT226	3	Technical Calculus II	MA		
MAT227	3	Discrete Mathematical Structures	MA		
MAT230	5	Analytic Geometry and Calculus II	MA		
MAT231	4	Calculus with Analytic Geometry II	MA		
MAT236	3	Technical Calculus III	MA		
MAT241	4	Calc Analytic Geometry III	MA		
MAT261	4	Differential Equations	MA		
MAT262	3	Differential Equations	MA		
MCO120	3	Media and Society	SB		
MCO220	3	Cultural Diversity and the Media	C, L		
MHL140	3	Survey of Music History	H, HU		
MHL143	3	Music in World Cultures	G, HU		
MHL145	3	American Jazz and Popular Music	C, HU		
MHL146	3	Survey of Broadway Musicals	HU		
MHL147	3	Music of African-American Cultures	HU		
MHL153	3	Rock Music and Culture	H, HU		
MHL155	3	Survey of American Music	C, H, HU		
PHI101	3	Intro to Philosophy	HU		
PHI102	3	Intro to Philosophy	HU		
PHI103	3	Intro to Logic	HU, L		
PHI104	3	World Philosophy	HU, G		
PHI105	3	Intro to Logic	L, HU		

PHI105	3	Critical Thinking & Problem Solving	L, HU	REL244	3	Philosophy of Religion	HU
PHI109	3	Philosophy of The Arts	HU	REL246	3	Amer Indian Euroamer Comparative Worldviews ..	HU
PHI201	3	Introduction to Ancient Philosophy	HU	REL270	3	Introduction to Christianity	HU
PHI212	3	Contemporary Moral Issues	HU	REL271	3	Introduction to the New Testament	HU
PHI213	3	Medical & Bio-Ethics	HU	REL290	3	Women & Religion	G
PHI218	3	Philosophy of Sexuality	H, HU	RUS201	4	Intermediate Russian	G
PHI224	3	Political Philosophy	HU	RUS201AA	4	Intermediate Russian	G
PHI225	3	African-American Religions	HU, C	RUS202	4	Intermediate Russian	G
PHI233AA	3	Metaphysics: An Introduction	HU	RUS202AA	4	Intermediate Russian	G
PHI233AB	3	Theory of Knowledge	HU	SBU200	3	Society & Business	G, SB
PHI234AA	3	Plato	HU	SMT150	4	Digital Systems and Microprocessors	CS
PHI243	3	World Religions	HU, G, H	SOC101	3	Intro to Sociology	SB
PHI244	3	Philosophy of Religion	HU	SOC110	3	Drugs & Society	SB
PHI245	3	Intro to Eastern Philosophy	G, HU	SOC130	3	Human Sexuality	SB
PHI246	3	Amer Indian Euroamer Comparative Worldviews ..	HU	SOC140	3	Racial and Ethnic Minorities	C, SB
PHS110	4	Fundamentals of Physical Science	SQ, SG	SOC141	3	Sovereign Indian Nations	C, H, SB
PHS120	4	Intro to Physical Science	G, SQ, SG	SOC142	3	Sociology of the Chicano Community	C, SB
PHY101	4	Intro to Physics	SQ, SG	SOC143	3	Sociology of Afro-American Problems	C, SB
PHY111	4	General Physics I	SQ, SG	SOC157	3	Sociology of Marriage and Family	SB
PHY112	4	General Physics II	SQ, SG	SOC160	3	American Indian Law	C
PHY115	5	University Physics I	SQ, SG	SOC180	3	Social Implications of Technology	SB
PHY116	5	University Physics II	SQ, SG	SOC210	3	The Child in Society	SB
PHY121	4	Univ Physics I: Mech.	SQ, SG	SOC212	3	Women and Men in a Changing Society	C, SB
PHY131	4	Univ Physics II: Elec/Mag.	SQ, SG	SOC215	3	Sociology of Adolescence	SB
PHY252	4	Univ Physics III: Thermodyn, Optics/Wave Phen	SQ, SG	SOC240	3	Race & Ethnic Relations: Amer./Glob. Persp.	C, SB
POR102	5	Elementary Portuguese II	G	SOC245	3	Social Deviance	SB
POR201	5	Intermediate Portuguese I	G	SOC251	3	Social Problems	SB
POR202	5	Intermediate PortugueseII	G	SOC253	3	Social Class and Stratification	SB
POS100	3	Intro to Political Science	SB	SOC265	3	Sociology of Aging	SB
POS110	3	American National Government	SB	SOC270	3	Sociology of Health and Illness	SB
POS115	3	Issues in American Politics	SB	SPA201	4	Intermediate Spanish I	G
POS120	3	World Politics	G, SB	SPA201AA	4	Intermediate Spanish I	G
POS125	3	Issues in World Politics	G, SB	SPA202	4	Intermediate Spanish II	G
POS130	3	State and Local Government	SB	SPA202AA	4	Intermediate Spanish II	G
POS140	3	Comparative Government	G, SB	SPA203	4	Spanish for Spanish Speaking Students I	G
POS180	3	United Nations Study	G	SPA204	4	Spanish for Spanish Speaking Students II	G
POS210	3	Political Ideologies	SB	SPA265	3	Advanced Spanish I	HU
POS223	3	Civil Rights	C, SB	SPA266	3	Advanced Spanish II	HU
POS285	3	Public Policy	SB	SPH150	3	Peninsular Spanish Lit in Translation	G, HU
PSY101	3	Intro to Psychology	SB	SPH151	3	Latin American Lit in Translation	G, HU
PSY132	3	Psychology and Culture	G, C, SB	SPH245	3	Hispanic Heritage in the Southwest	C, HU
PSY143	3	Lesbian, Gay and Bisexual Studies	C	STO292	3	The Art of Storytelling	C, HU
PSY157	3	African/Black Psychology	C, G, SB	STO294	3	Multicultural Folktales	C, HU
PSY215	3	Intro to Sport Psychology	SB	SWU102	3	Intro to Social Work	H, SB
PSY218	3	Health Psychology	SB	SWU171	3	Introduction to Social Welfare	H, SB
PSY230	3	Intro to Statistics	CS	SWU258	3	Victimology & Crisis Management	SB
PSY235	3	Psychology of Gender Differences	C, SB	SWU171	3	Intro To Social Welfare	SB, H
PSY240	3	Developmental Psychology	SB	SWU292	3	Effective Helping in a Diverse World	C, SB
PSY245	3	Psychology of Adult Development	SB	TCM145	3	Intro to Motion Picture Production	HU
PSY250	3	Social Psychology	SB	TEC105	3	Clothing Selection	SB
PSY258	3	Domestic Problems and Crises	SB	TEC106	3	History of Fashion	SB
PSY260	3	Personality Development	SB	THE111	3	Intro to Theatre	HU
PSY266	3	Abnormal Psychology	SB	THE205	3	Intro to Cinema	H, HU
PSY270	3	Personal and Social Adjustment	SB	THE206	3	Intro to Television Arts	HU
PSY277	3	Psychology of Human Sexuality	SB	THE210	3	Contemporary Cinema	HU
PSY280	3	Organizational Psychology	SB	THE220	3	Modern Drama	HU, L
PSY281	3	Human Factors	SB	THE260	3	Film Analysis	HU
PSY290AB	4	Research Methods	L, SG	THP241	3	Performance of Literature	HU, L
PSY290AC	4	Research Methods	L, SG	WED110	3	Principles of Phys. Fitness/Wellness	SB
PSY292	3	Psychology of Altered States of Consciousness	SB	WST100	3	Women and Society	C, SB
REC120	3	Leisure and the Quality of Life	SB	WST105	3	Women of Color in America	C, SB
REC160	3	Leisure and Society	SB	WST110	3	Women & Gender: A Feminist Psychology	SB
REL101	3	Intro to Religion	HU	WST120	3	Gender, Class, & Race	SB
REL201	3	Classics of Western Religions	H, HU	WST160	3	Women and the Early American Experience ...	SB, C, H
REL202	3	Classics of Asian Religions	G, HU	WST161	3	American Women Since 1920	C, H, SB
REL203	3	American Indian Religions	C, HU, L	WST209	3	Women and Films	C, H, HU
REL205	3	Religion and the Modern World	L, C, HU	WST284	3	19th Century Women Writers	C, HU
REL213	3	Medical and Bio-Ethics	HU	WST285	3	Contemporary Women Writers	C, HU
REL225	3	African-American Religions	C, HU	WST290	3	Women & Religion	G
REL243	3	World Religions	G, H, HU	YAQ100	3	Yaqui Indian History & Culture	C, H, SB