Degree Requirements
Graduation/General Education Policies

FOR MARICOPA COMMUNITY COLLEGES

General Graduation Requirements (AR 2.3.9)

Note: Also see “Catalog Under Which a Student Graduates (AR 2.2.5)”

All students are required to complete the degree and/or certificate requirements as approved by the MCCCD 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 Admissions and Records Office/Office of Student Enrollment 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. 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. In cases where the certificate requires fewer than 12 credit units, a minimum of six credit units 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 areas are excluded;
   - Shared Programs are programs offered at multiple colleges but not available at all colleges. 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.

3. Have filed an application for the degree or certificate with the Admissions and Records Office/Office of Student Enrollment Services 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 MCCCD college/center.

8. Have paid required degree or certificate application fee.

See fee schedule for charges.
Graduation with Honors
All courses used to fulfill graduation requirements, including courses from other accredited institutions, will be entered in the grade point average calculation for honors designations.

Students who have the following grade point averages will graduate with the following distinctions:

- 3.50 to 3.69 “with distinction”
- 3.70 to 3.89 “with high distinction”
- 3.90 to 4.0 “with highest distinction”

Graduation — Honors Program
Students who meet all the requirements of the Honors Program at the District College granting the degree will be designated as Honors Program Graduates.

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. General Education Certificate
4. Associate in Arts
5. Associate in Science
6. Associate in Business
7. Associate in General Studies
8. Associate in Transfer Partnership
9. 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 Maricopa Community Colleges 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.

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 (AR 2.2.5)

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 '05 (Active)
Continued at a Public Community College . . . . Spring '06, Fall '06 (Active)
Transferred to a University ....................... Spring '07 (2005 or Any Subsequent Catalog)

EXAMPLE B:
Admitted & Earned Course Credit at a Public Community College or University . . . . Fall '02 (Active)
Enrolled But Earned All Ws, Zs, or Fs .......... Spring '03 (Inactive)
Enrolled in Audit Courses Only ............... Fall '03 (Inactive)
Nonattendance .......................... Spring '04 (Inactive)
Transferred to a University ....................... Fall '04 (2004 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 '02 (Active)
Nonattendance .......................... Spring '03, Fall '03, Spring '04 (Inactive)
Readmitted & Earned Course Credit at a . . . . Fall '04 (Active)
Public Community College or University
Transferred to a University ....................... Spring '05 (2004 or Any Subsequent Catalog)

EXAMPLE B:
Admitted & Earned Course Credit at a Public Community College or University . . . . Fall '02 (Active)
Nonattendance .......................... Spring '03 (Inactive)
Readmitted & Earned Course Credit at a Public Community College . . . . Summer '03 (Active)
Nonattendance .......................... Fall '03, Spring '04 (Inactive)
Transferred to a University ....................... Fall '04 (2002 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 '04 (Active)
Continued at a Public Community College . . . . Fall '04, Spring '05 (Active)
Nonattendance .......................... Fall '05 (Inactive)
Readmitted & Earned Course Credit at a
Public Community College . . . . . . . . . Spring '06 (Active)
Transferred to a University .................. Summer '06 (2004 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.

NOTE: Time Limit for Transfer Coursework
Students should be aware that the receiving institution may have age and credit limits on certain coursework to be used in transfer. Students should be knowledgeable about the policies on time limits for transfer coursework for the institution to which they plan to transfer.

Arizona General Education Curriculum (AGEC) — A, B, S

Description
The Maricopa County Community College District Arizona General Education Curriculum (MCCCD AGEC) is a 35-38 semester-credit general education certificate that fulfills lower-division general education requirements for students planning to transfer to any Arizona public community college or university. Generally, the MCCCD AGEC transfers as a block without loss of credit.

In most cases, all courses used to satisfy the MCCCD AGEC will apply to graduation requirements of the university major for which the AGEC was designed.

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

Purpose of the AGECs
There are three types of MCCCD AGECs. They are the AGEC-A, the AGEC-B, and the AGEC-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 website:

www.aztransfer.com

1. The **AGEC-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). AGEC-A requires a minimum of college mathematics or college algebra to satisfy the Mathematics [MA] requirement. AGEC-A Mathematics requirement is less stringent than the AGEC-B and AGEC-S. AGEC-A and AGEC-B Natural Sciences requirements are less stringent than AGEC-S.

2. The **AGEC-B** is designed to satisfy requirements in business majors that articulate with the Associate in Business. AGEC-B requires a minimum of brief calculus to satisfy the Mathematics [MA] requirement.

3. The **AGEC-S** is designed to satisfy requirements in majors with more prescriptive mathematics and mathematics-based science requirements. AGEC-S articulates with the Associate in Science. AGEC-S requires a minimum of the first course in a calculus sequence to satisfy the Mathematics [MA]

For the most current information regarding degree requirements log onto www.maricopa.edu/academic/ccta.
requirement, and a minimum of eight credits of either university chemistry, university physics or general biology to satisfy the Natural Sciences [SQ/SG] requirement. In addition, students must select six to eight additional credits of math and/or science appropriate to the major.

**Academic Policies that Govern the AGEC-A, B, S:**

- Requires 35-38 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. On an exception basis, P-grades may be allowed in the AGEC for credit transferred if documentation collected by the community college indicates that the P-grade issue was the only option for the student and the P-grade is a "C" or better. The P-grade exception does not apply to credits awarded by AGEC granting/receiving institutions.

- Credit received through prior learning assessment or credit by evaluation is transferable within the Maricopa Community Colleges but not necessarily transferable to other colleges and universities. No more than 20 semester credit hours may be applied toward AGEC.

- Uses 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.
  3. A course can be used to satisfy L and SB or L and HU requirements simultaneously in the core area for the AGEC-S.

- 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 MCCCD and the institutions to which MCCCD 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 (Course Equivalency Guide). 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 coursework be taken at any of the MCCCD 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 2.5 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 35-38 semester credits required for each of the three AGECs follow. See the list entitled *MCCCD Courses That Can Be Used to Satisfy MCCCD AGEC-A, AGEC-B, and/or AGEC-S* for specific course information via the following website: www.maricopa.edu/academic/ccta/

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.

For the most current information regarding degree requirements log onto www.maricopa.edu/academic/ccta.
Credits

A. Core Areas: .................................................. 35

1. First-Year Composition (FYC) .................................................. 6

2. Literacy and Critical Inquiry [L] ................................................ 3

AGEC-A and AGEC-B: Select a course that satisfies the [L] requirement (3).

AGEC-S: Recommend selecting a course that satisfies (L and SB) or (L and HU), or (L and COM), or (L and CRE101) requirements simultaneously (0-3).


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

AGEC-S does not require the [CS] area.

AGEC-A requires:
   a. Mathematics [MA] (3 credits) AND
      (Requires a course in college mathematics (MAT142) or college algebra (MAT150, MAT151, MAT152) or precalculus (MAT187) or any other mathematics course designated with the MA general education value and for which college algebra is a prerequisite.)
   b. Computer/Statistics/Quantitative Applications [CS] (3 credits)

AGEC-B requires:
   a. Mathematics [MA] (3 credits) AND
      (Requires a course in brief calculus (MAT212) or a higher level mathematics course (MAT220 or MAT221 or any course for which these courses are prerequisites.)
   b. Computer/Statistics/Quantitative Applications [CS] (3 credits)

CIS105 Survey of Computer Information Systems

AGEC-S requires:
   a. Mathematics [MA] (4 credits) AND
      (Requires a calculus course (MAT220 or MAT221) or any course for which MAT220 or MAT221 are prerequisites OR if pursuing a degree at ASU in Life Sciences select MAT251 Calculus for Life Sciences.)

4. Humanities and Fine Arts [HU] .................................................. 6

AGEC-A and AGE-C-B: Students are encouraged to choose courses from more than one discipline for a total of six semester credits.

AGEC-S: Recommend selecting a course that satisfies (L and HU), requirements simultaneously.

5. Social and Behavioral Sciences [SB] ......................................... 6

AGEC-A and AGE-C-B: Students are encouraged to choose courses from more than one discipline for a total of six semester credits.

AGEC-S: Recommend selecting a course that satisfies (L and SB), requirements simultaneously.

6. Natural Sciences [SQ/SG] .................................................... 8

To complete the Natural Sciences requirement:

AGEC-A and AGE-C-B 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
Students cannot take eight (8) semester credits of [SG] to meet the Natural Sciences requirement.

The Natural Sciences requirement [SQ/SG] differs for AGEC-S. AGEC-S requires eight (8) semester credits of 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 Arizona Course Equivalency Guide (CEG) within the Arizona Course Applicability System (AZCAS) for information on equivalencies.

7. Subject Options (Subject based on major) (AGEC-S) .............................................. 6-8

Students completing AGEC-S, through careful selection of courses that meet the other major or prerequisite requirements for Science degrees, will meet this requirement. Using a transfer guide, select Mathematics courses above Calculus, and/or Science courses from: Astronomy, Biology, Botany, Chemistry, Environmental Science, Geology, Physical Geography, Physics, Zoology.

B. Awareness Areas ................................................................ 0

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 to thirty-eight semester credits to complete any of the three MCCCD 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)

Courses 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]

Courses 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.

For AGEC-S, students will select a course that satisfies both Literacy and Social and Behavioral Sciences or Literacy and Humanities and Fine Arts requirements simultaneously.

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

Courses must be completed with a grade of “C” or better in the Mathematical Studies Core
Area. One course must be selected from Mathematics [MA]. In AGEC-A and AGEC-B, 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, precalculus, 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.

MAT251 is required if transferring to a Life Sciences degree at Arizona State University (ASU).

Computer/Statistics/Quantitative Applications [CS]
AGEC-A and AGEC-B [CS] 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. AGEC-B specifies CIS105 as the course that meets the [CS] requirement.

Humanities and Fine Arts [HU]
Courses 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.

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]
Courses must be completed with a grade of “C” or better in the Social and Behavioral Sciences Core Area. Students are encouraged to choose coursework from more than one discipline.

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]
Courses 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 AGEC-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 AGEC-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 AGEC-S Natural Sciences Core Area requires eight semester credits of either university chemistry or eight semester credits of university physics or eight semester credits of general biology appropriate to the major.

SQ = Natural Science-Quantitative
SG = Natural Science-General

Subject Options (for AGEC-S)
Courses in the Subject Options area help the student to be prepared for specific majors in science. Students completing AGEC-S, through careful selection of courses that meet the other major or pre-requisite requirements for Science degree, will meet this requirement. Using a transfer guide, courses should be selected from Mathematics courses above Calculus, and/or Science courses from: Astronomy, Biology, Botany, Chemistry, Environmental Science, Geology, Physical Geography, Physics, Zoology.

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

For the most current information regarding degree requirements log onto www.maricopa.edu/academic/ccta.
Associate in Arts (AA) Degree

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)
   MCCCD 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. Generally, the degree will transfer as a block without loss of credit to Arizona’s public universities and other institutions with district-wide articulation agreements.

In most cases, courses used to satisfy the MCCCD 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: www.aztransfer.com.

Academic Policies that Govern the Associate in Arts Degree
- Completion of the Associate in Arts and the AGEC-A 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. 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. On an exception basis, P-grades may be allowed in the AGEC for credit transferred if documentation collected by the community college indicates that the P-grade issued was the only option for the student and the P-grade is a "C" or better. The P-grade exception does not apply to credits awarded by AGEC granting/receiving institutions.
- Credit received through prior learning assessment or credit by evaluation is transferable within the Maricopa Community Colleges but is not necessarily transferable to other colleges and universities. No more than 20 semester credit hours may be applied toward AGEC.
- The General Education Requirements for AGEC-A may be completed in 35 semester credits with the following stipulations:
  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.
- General Education courses can satisfy multiple areas within the degree simultaneously (AGEC-A Core Area, AGEC 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.

For the most current information regarding degree requirements log onto www.maricopa.edu/academic/ccta.
Courses completed at one of the Maricopa Community Colleges to meet AGEC-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 MCCCD Courses That Can Be Used to Satisfy MCCCD AGEC-A, AGEC-B, and/or AGEC-S for specific course information via the following website: www.maricopa.edu/academic/ccta/.

Courses completed at one of the Maricopa Community Colleges to meet the General Electives requirement must be transferable to the university or universities to which the student plans to transfer, as elective credit or better. 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-A or Associate in Arts degree.

Courses and their modular equivalents will satisfy AGEC-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.

Courses completed at one of the Maricopa Community Colleges to satisfy Common Courses must be transferable as elective or better to the universities that have the shared majors listed on a Common Course Matrix. A shared major is a university degree program that has similar academic preparation to one or more degree programs at other Arizona public universities as listed on the Common Course Matrices. For appropriate course selection, students should consult with an advisor.

Degree Requirements
The 60-64 semester credits required for the Associate in Arts follow. See the list titled MCCCD Courses That Can Be Used to Satisfy MCCCD AGEC-A, AGEC-B, and/or AGEC-S for specific course information via the following website: www.maricopa.edu/academic/ccta/. This list identifies the courses in alphabetical order by prefix as well as the Core Areas and Awareness Areas where the course will apply. For purposes of clarifying requirements in the Mathematical Studies 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. MCCCD General Education Credits
The MCCCD General Education includes two areas: MCCCD AGEC-A and MCCCD Additional Requirements.

A. MCCCD AGEC-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)
            NOTE: requires a course in college mathematics (MAT142) or college algebra (MAT150, MAT151, MAT152) or precalculus (MAT187) or any other mathematics course designated with the MA general education value and for which college algebra is a prerequisite.
            AND

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

For the most current information regarding degree requirements log onto www.maricopa.edu/academic/ccta.
d. **Humanities and Fine Arts [HU]** ................................................................. 6
   Students are encouraged to choose coursework from more than one discipline for a total of six semester credits.

e. **Social and Behavioral Sciences [SB]** .................................................... 6
   Students are encouraged to choose coursework 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 can not 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 Arizona Course Equivalency Guide (CEG) within the Arizona Course Applicability System (AZCAS) for information on equivalencies.

2. **Awareness Areas** .................................................................................. 0
   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. **MCCCD 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 MCCCD Additional Requirements because courses can satisfy a Core Area and MCCCD 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

For the most current information regarding degree requirements log onto www.maricopa.edu/academic/ccta.
COM110AA & COM110AB & COM110AC [SB] (3 credits) OR
COM225 [L] (3 credits) OR
COM230 [SB] (3 credits)

b. Critical Reading
A total of three (3) semester credits is required for the Critical Reading area. However, if students complete CRE101 and apply it to AGEC-A 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: www.aztransfer.com/.

Students must select MCCCD courses that are transferable to the university or universities to which the student plans to transfer, as elective credit or better 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 MCCCD 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 Arts Total Credits ..................................................... 60-64

For the most current information regarding degree requirements log onto www.maricopa.edu/academic/ccta.
Associate in Arts in Elementary Education (AAEE) Degree

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

I. MCCCD General Education
   Arizona General Education Curriculum for Arts (AGEC-A)
   Additional MCCCD Requirements

II. Elementary Education Requirements
   Education Foundations
   Electives for Arizona Professional Teacher Standards

Purpose of the Degree
The AAEE is designed for the student who plans to transfer to an Elementary Education, Early Childhood, Multicultural/Multilingual, or Special Education program at an Arizona public higher education institution and/or who plans to become a classroom instructional aide.

Generally, the degree transfers as a block without loss of credit to Arizona’s public universities. In most cases, courses applied to the MCCCD Associate in Arts in Elementary Education also apply to graduation requirements of the university major for which the AAEE was designed.

Academic Policies that Govern the Associate in Arts in Elementary Education Degree
- Completion of the Associate in Arts and the AGEC-A 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 60-63 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. On an exception basis, P-grades may be allowed in the AGEC for credit transferred if documentation collected by the community college indicates that the P-grade issued was the only option for the student and the P-grade is a ”C” or better. The P-grade exception does not apply to credits awarded by AGEC granting/receiving institutions.

- Credit received through prior learning assessment or credit by evaluation is transferable within the Maricopa Community Colleges but is not necessarily transferable to other colleges and universities. No more than 20 semester credit hours may be applied toward AGEC.

- The General Education requirements for AGEC-A may be completed in 35 semester credits with the following stipulations:
  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.
  3. Courses can satisfy an Elementary Education requirement and one or more Awareness Areas simultaneously.
  4. A course cannot satisfy both the Elementary Education requirement and a Core Area requirement simultaneously.

For the most current information regarding degree requirements log onto www.maricopa.edu/academic/ccta.
• 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-A requirements must be listed in the Arizona 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 MCCCD Courses That Can Be Used to Satisfy MCCCD AGEC-A, AGEC-B, and/or AGEC-S for specific course information via the following website: http://www.maricopa.edu/academic/ccta/.

• Courses completed at one of the Maricopa Community Colleges to meet the General Electives requirement must be transferable to the university or universities to which the student plans to transfer, as elective credit or better. 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-A or the Associate in Arts in Elementary Education degree.

• Courses and their modular equivalents will satisfy AGEC-A and Associate in Arts in Elementary Education 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.

• Courses completed at one of the Maricopa Community Colleges to satisfy Common Courses must be transferable as elective or better to the universities that have the shared majors listed on a Common Course Matrix. A shared major is a university degree program that has similar academic preparation to one or more degree programs at other Arizona public universities as listed on the Common Course Matrices. For appropriate course selection, students should consult with an advisor.

Degree Requirements

I. MCCCD General Education Requirements

A. MCCCD AGEC-A

1. Core Areas ........................................................................................................ 35-38

   a. First-Year Composition [FYC] ............................................................... 6
      ENG101/102 OR
      ENG107/108

      1) MAT142 [MA] College Mathematics, or higher
      (NOTE: MAT156, MAT157, MAT182 and MAT206 are excluded)
      AND
      2) CIS105 [CS] Survey of Computer Information Systems OR
         BPC110 [CS] Computer Usage and Applications

   c. Literacy and Critical Inquiry [L] ....................................................... 3
      Select the following:
      COM225 Public Speaking
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
   - DAH100 Introduction to Dance
   - DAH201 World Dance Perspectives
   - MHL140 Survey of Music History
   - MHL143 Music in World Cultures

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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
   - ECN211 Macroeconomic Principles
   - ECN212 Microeconomic Principles
   - POS110 American National Government
   - CFS/ECH176 Child Development
   - CFS205 Human Development

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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 (Life Sciences) and SG (Physical Sciences, Earth/Space Sciences) courses from the following categories:

1) Life Sciences-Select 4 semester credits of SQ or SG from BIO

AND

2) Physical Sciences OR

   Earth/Space Sciences-Select 4 semester credits of SQ or SG credits from the following prefixes: AGS, ASM, AST, CHM, GPH, GLG, PHS, PHY.

Note: Students are advised to check with the university they plan to attend as requirements for lab sciences may vary.
2. **Awareness Areas** .......................................................... 0
   The MCCCD AAEE requires coursework in two Awareness Areas:
   Cultural Diversity in the United States [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 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** ...................................................... 18
      Complete the following courses to satisfy the Education Foundations requirements:
      EDU220 Introduction to Serving English Language Learners
      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** ......................... 7
      A total of 7 semester credits are required to satisfy the Electives for Arizona Professional
      Teacher Standards.

      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 require-
      ment.

      **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
      CFS205 Human Development
      EED215 Early Learning: Health, Safety, Nutrition and Fitness
      FON100 Introductory Nutrition
      AAA/CPD115 Creating College Success

   **Associate in Arts in Elementary Education Total Credits** ....................... 60-63

For the most current information regarding degree requirements log onto www.maricopa.edu/academic/ccta.
Associate in Arts, Fine Arts — Art (AAFA — Art) Degree

Description
The Maricopa County Community College District Associate in Arts, Fine Arts — Art degree requires a minimum of 63 semester credits for the program of study. The degree includes the following components:

I. General Education:

Arizona General Education Curriculum for Arts (AGEC-A)
MCCCD Additional Requirements

II. Fine Arts Requirements — Art

Purpose of the Degree
The Associate in Arts, Fine Arts — Art 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 Fine Arts. The degree is designed to prepare students to meet selective admission criteria for programs such as the Bachelor of Fine Arts, which may require a portfolio or performance requirement.

The semester credits used to satisfy the MCCCD Associate in Arts, Fine Arts — Art degree may apply to university graduation requirements of the university major for which the degree is designed. Information regarding the articulation of the degree with majors at the Arizona public universities can be accessed via the following website: www.aztransfer.com.

Academic Policies that Govern the Associate in Arts, Fine Arts — Art Degree
• Completion of the Associate in Arts, Fine Arts — Art degree and the AGEC-A 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, Fine Arts — Art degree;
• A minimum of 63 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. On an exception basis, P-grades may be allowed in the AGEC for credit transferred if documentation collected by the community college indicates that the P-grade issued was the only option for the student and the P-grade is a ”C” or better. The P-grade exception does not apply to credits awarded by AGEC granting/receiving institutions;
• Credit received through prior learning assessment or credit by evaluation is transferable within the Maricopa Community Colleges but is not necessarily transferable to other colleges and universities. No more than 20 semester credit hours may be applied toward AGEC.

• The General Education Requirements for AGEC-A may be completed in 35 semester credits with the following stipulations:
  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.
• General Education Courses can satisfy multiple areas within the degree simultaneously (AGEC-A Core Area, AGEC Awareness Area, MCCCD Additional Requirements, or lower-division courses applicable to the major)

For the most current information regarding degree requirements log onto www.maricopa.edu/academic/ccta.
• 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-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 MCCCD Courses That Can Be used to Satisfy MCCCD AGEC-A, AGEC-B, and/or AGEC-S for specific course information via the following website: www.maricopa.edu/academic/ccta/

• Courses completed at one of the Maricopa Community Colleges to meet the General Electives requirement must be transferable to the university or universities to which the student plans to transfer, as elective credit or better. 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-A or Associate in Arts, Fine Arts – Art Degree.

• Courses and their modular equivalents will satisfy AGEC-A and Associate in Arts, Fine Arts – Art 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.

• Courses completed at one of the Maricopa Community Colleges to satisfy Common Courses must be transferable as elective or better to the universities that have the shared majors listed on a Common Course Matrix. A shared major is a university degree program that has similar academic preparation to one or more degree programs at other Arizona public universities as listed on the Common Course Matrices. For appropriate course selection, students should consult with an advisor.

Degree Requirements

The 63 semester credits required for the Associate in Arts, Fine Arts - Art degree follow. See the list titled MCCCD Courses That Can Be used to Satisfy MCCCD AGEC-A, AGEC-B, and/or AGEC-S for specific course information via the following website: www.maricopa.edu/academic/ccta/ 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. MCCCD General Education

The MCCCD General Education includes two areas: MCCCD AGEC-A and MCCCD Additional Requirements.

A. MCCCD AGEC-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
   precalculus 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 coursework from more than one
   discipline for a total of six semester credits.
   Select the following:
   ARH101 Prehistoric Through Gothic Art . . 3

e. Social and Behavioral Sciences [SB] ................................. 6
   Students are encouraged to choose coursework 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 Arizona Course Equivalency Guide (CEG) within
   the Arizona Course Applicability System (AZCAS) for information on
   equivalencies.

2. Awareness Areas .......................................................... 0
   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. MCCCD 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 MCCCD Additional Requirements
   because courses can satisfy a Core Area and MCCCD 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 [SB] (3 credits)

b. **Critical Reading**

A total of three (3) semester credits is required for the Critical Reading area. However, if students complete CRE101 and apply it to AGEC-A Core Requirements or if the students demonstrate proficiency through assessment, then the Critical Reading requirement has been satisfied.

Select from the following options to complete 3 credits:

- CRE101 (3 credits) OR equivalent as indicated by assessment

II. **Fine Arts Requirements – Art.** ............................................. 28

A minimum of 28 credits is required to satisfy the Fine Arts Requirements – Art.

**Foundations** ................................................................. 16

Select the following:

- ADA112/ART112 Two-Dimensional Design .......... 3
- ADA115/ ART115 Three-Dimensional Design .......... 3
- ARH102 Renaissance Through Contemporary Art . 3
- ART111 Drawing I ................................................. 3
- ART113 Color ..................................................... 3
- ART255AB The Portfolio ..................................... 1

**Restricted Electives** ..................................................... 12

Select from the following options to complete a minimum of twelve semester credits:

- ART116 Life Drawing I ........................................ 3
- ART122 Drawing and Composition II ................. 3
- ART131 Photography I ....................................... 3
- ART151 Sculpture I ............................................. 3
- ART161 Ceramics I ............................................ 3
- ART165 Watercolor Painting I ........................... 3
- ART167 Painting I ............................................. 3

**Associate in Arts, Fine Arts – Art Total Credits.** ................. 63


**Associate in Arts, Fine Arts – Dance (AAFA – Dance) Degree**

**Description**
The Maricopa County Community College District Associate in Arts, Fine Arts – Dance degree requires a minimum of 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)
   - MCCCD Additional Requirements

II. **Fine Arts Requirements – Dance**

**Purpose of the Degree**
The Associate in Arts, Fine Arts – Dance 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 Fine Arts. The degree is designed to prepare students to meet selective admission criteria for programs such as the Bachelor of Fine Arts, which may require a portfolio or performance requirement.

The semester credits used to satisfy the MCCCD Associate in Arts, Fine Arts – Dance degree may apply to university graduation requirements of the university major for which the degree is designed. Information regarding the articulation of the degree with majors at the Arizona public universities can be accessed via the following website: www.aztransfer.com.

**Academic Policies that Govern the Associate in Arts, Fine Arts – Dance Degree**

- Completion of the Associate in Arts, Fine Arts – Dance degree and the AGEC-A 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, Fine Arts – Dance degree;
- A minimum of 64 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. On an exception basis, P-grades may be allowed in the AGEC for credit transferred if documentation collected by the community college indicates that the P-grade issued was the only option for the student and the P-grade is a "C" or better. The P-grade exception does not apply to credits awarded by AGEC granting/receiving institutions;
- Credit received through prior learning assessment or credit by evaluation is transferable within the Maricopa Community Colleges but is not necessarily transferable to other colleges and universities. No more than 20 semester credit hours may be applied toward AGEC;
- The General Education Requirements for AGEC-A may be completed in 35 semester credits with the following stipulations:
  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.
- General Education Courses can satisfy multiple areas within the degree simultaneously (AGEC-A Core Area, AGEC 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-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 MCCCD Courses That Can Be used to Satisfy MCCCD AGEC-A, AGEC-B, and/or AGEC-S for specific course information via the following website: www.maricopa.edu/academic/ccta/

• Courses completed at one of the Maricopa Community Colleges to meet the General Electives requirement must be transferable to the university or universities to which the student plans to transfer, as elective credit or better. 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-A or Associate in Arts, Fine Arts – Dance Degree.

• Courses and their modular equivalents will satisfy AGEC-A and Associate in Arts, Fine Arts – Dance 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.

• Courses completed at one of the Maricopa Community Colleges to satisfy Common Courses must be transferable as elective or better to the universities that have the shared majors listed on a Common Course Matrix. A shared major is a university degree program that has similar academic preparation to one or more degree programs at other Arizona public universities as listed on the Common Course Matrices. For appropriate course selection, students should consult with an advisor.

Degree Requirements
The 64 semester credits required for the Associate in Arts, Fine Arts – Dance degree follow. See the list titled MCCCD Courses That Can Be Used to Satisfy MCCCD AGEC-A, AGEC-B, and/or AGEC-S for specific course information via the following website: www.maricopa.edu/academic/ccta/. This list identifies the courses in alphabetical order by prefix as well as the Core Areas and Awareness Areas where the course will apply. For purposes of clarifying requirements in the Mathematical Studies 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. MCCCD General Education
The MCCCD General Education includes two areas: MCCCD AGEC-A and MCCCD Additional Requirements.

A. MCCCD AGEC-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
   precalculus 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 coursework from more than one
   discipline for a total of six semester credits.
   Select from the following options to complete three credits:
   - DAH100  Introduction to Dance ........ 3
   - DAH201  World Dance Perspectives .... 3

   e. Social and Behavioral Sciences [SB] ........................................ 6
   Students are encouraged to choose coursework 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 Arizona Course Equivalency Guide (CEG) within the Arizona
   Course Applicability System (AZCAS) for information on equivalencies.
   Select from the following options to complete four credits:
   - BIO160  Introduction to Human Anatomy and Physiology .......... 4
   - BIO201  Human Anatomy and Physiology I ...................... 4

2. Awareness Areas. .......................................................... 0
   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. MCCCD 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 MCCCD Additional Requirements
   because courses can satisfy a Core Area and MCCCD 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 [SB] (3 credits)

b. Critical Reading
A total of three (3) semester credits is required for the Critical Reading area. However, if students complete CRE101 and apply it to AGEC-A Core Requirements or if the students demonstrate proficiency through assessment, then the Critical Reading requirement has been satisfied and additional electives may be taken.

Select from the following options to complete 3 credits:
- CRE101 [L] (3 credits) OR
equivalent as indicated by assessment

II. Fine Arts Requirements – Dance .................................................. 29
A minimum of 29 credits is required to satisfy the Fine Arts Requirements – Dance.

Part I ......................................................................... 11
Select the following:
- DAN150 Dance Performance I ........ 1
- DAN210 Dance Production I .......... 3
- DAN221 Rhythmic Theory for Dance I .. 2
- DAN264 Choreography I .......... 3
- DAN280 Dance Practicum ........... 2

Part II ......................................................................... 9
Select from the following options to complete a minimum of nine semester credits. Students must attain Level III competency in ballet and modern dance courses:
- DAN120++ World Dance (any module) ... 1
- DAN129 Musical Theatre Dance I ...... 1
- DAN130 Musical Theatre Dance II ..... 1
- DAN131 Ballet I .................... 1
- DAN132 Modern Dance I ............ 1
- DAN133 Modern Jazz Dance I ....... 1
- DAN134 Ballet II ................... 1
- DAN135 Modern Dance II ........... 1
- DAN136 Modern Jazz Dance II ..... 1
- DAN229 Musical Theatre Dance III ... 1
- DAN230 Musical Theatre Dance IV ... 1
- DAN231 Ballet III ................. 1
- DAN231AA Ballet III: Intensive ....... 2
- DAN232 Modern Dance III ............ 1
- DAN233 Modern Jazz Dance III ..... 1
- DAN234 Ballet IV ................ 1
- DAN234AA Ballet IV: Intensive .... 2
- DAN235 Modern Dance IV .......... 1
- DAN236 Modern Jazz Dance IV ..... 1
- DAN237 Ballet Pointe I ............ 1
- DAN238 Modern Dance IV ............ 1
- DAN239++ Dance Conservatory I (any module) ....... 1-3
- DAN290++ Dance Conservatory II (any module) .......... 1-3
- DAN291++ Dance Conservatory III (any module) ........ 1-3
- DAN292++ Dance Conservatory III (any module) ........ 1-3
Part III: Restricted Electives ................................................................. 9

The remaining credits from DAH- and DAN-prefixed courses should be selected as prescribed by the dance advisor. Only three of the remaining credits may be selected from the following DAN-prefixed courses:

DAH++++ Any DAH prefixed course
EXCEPT DAH100 or DAH201 if selected to satisfy the AGEC-A Humanities and Fine Arts Area.

DAN115++ Contemporary Dance Trends (any module) ........................................ 1
DAN120++ World Dance (any module) .................................................. 1
DAN125++ Social Dance (any module) .................................................. 1
DAN129 Musical Theatre Dance I .................................................. 1
DAN130 Musical Theatre Dance II .................................................. 1
DAN133 Modern Jazz Dance I .................................................. 1
DAN136 Modern Jazz Dance II .................................................. 1
DAN140 Tap Dance I ................................................................. 1
DAN141 Dance Workshop ............................................................ 1
DAN145 Tap Dance II ................................................................. 1
DAN146 Tap Dance Ensemble ........................................................ 1
DAN150 Dance Performance I .................................................. 1
DAN164 Improvisation ................................................................. 1
DAN230 Musical Theatre Dance IV ................................................ 1
DAN231 Ballet III ................................................................. 1
DAN231AA Ballet III: Intensive .................................................... 2

DAN232 Modern Dance III .................................................. 1
DAN233 Modern Jazz Dance III ................................................ 1
DAN234 Ballet IV ................................................................. 1
DAN234AA Ballet IV: Intensive .................................................. 2
DAN235 Modern Dance IV .................................................. 1
DAN236 Modern Jazz Dance IV ................................................ 1
DAN237 Ballet Pointe I ............................................................ 1
DAN290++ Dance Conservatory I (any module) ........................................ 1-3
DAN291++ Dance Conservatory II (any module) ........................................ 1-3
DAN292++ Dance Conservatory III (any module) ........................................ 1-3
*DAN298++ Special Projects (any module) ........................................ 1-3

*Selection of DAN298 courses to satisfy degree requirements should be done in consultation with a program advisor or faculty member as Special Projects courses do not currently transfer to any of the three Arizona state public universities.

Associate in Arts, Fine Arts – Dance Total Credits .................................................. 64
Associate in Arts, Fine Arts — Theatre (AAFA — Theatre) Degree

Description
The Maricopa County Community College District Associate in Arts, Fine Arts — Theatre degree requires a minimum of 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)
   - MCCCD Additional Requirements

II. Fine Arts Requirements — Theatre

Purpose of the Degree
The Associate in Arts, Fine Arts — Theatre 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 Fine Arts. The degree is designed to prepare students to meet selective admission criteria for programs such as the Bachelor of Fine Arts, which may require a portfolio or performance requirement.

The semester credits used to satisfy the MCCCD Associate in Arts, Fine Arts — Theatre may apply to university graduation requirements of the university major for which the degree is designed. Information regarding the articulation of the degree with majors at the Arizona public universities can be accessed via the following website: www.aztransfer.com.

Academic Policies that Govern the Associate in Arts, Fine Arts — Theatre Degree
• Completion of the Associate in Arts, Fine Arts — Theatre and the AGEC-A 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, Fine Arts — Theatre degree;
• A minimum of 60 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. On an exception basis, P-grades may be allowed in the AGEC for credit transferred if documentation collected by the community college indicates that the P-grade issued was the only option for the student and the P-grade is a "C" or better. The P-grade exception does not apply to credits awarded by AGEC granting/receiving institutions;
• Credit received through prior learning assessment or credit by evaluation is transferable within the Maricopa Community Colleges but is not necessarily transferable to other colleges and universities. No more than 20 semester credit hours may be applied toward AGEC.
• The General Education Requirements for AGEC-A may be completed in 35 semester credits with the following stipulations:
  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.
• General Education Courses can satisfy multiple areas within the degree simultaneously (AGEC-A Core Area, AGEC Awareness Area, MCCCD Additional Requirements, or lower-division courses applicable to the major);

For the most current information regarding degree requirements log onto www.maricopa.edu/academic/ccta.
• 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-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 MCCCD Courses That Can Be used to Satisfy MCCCD AGEC-A, AGEC-B, and/or AGEC-S for specific course information via the following website: www.maricopa.edu/academic/ccta/

• Courses completed at one of the Maricopa Community Colleges to meet the General Electives requirement must be transferable to the university or universities to which the student plans to transfer, as elective credit or better. 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-A or Associate in Arts, Fine Arts - Theatre Degree.

• Courses and their modular equivalents will satisfy AGEC-A and Associate in Arts, Fine Arts - Theatre 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.

• Courses completed at one of the Maricopa Community Colleges to satisfy Common Courses must be transferable as elective or better to the universities that have the shared majors listed on a Common Course Matrix. A shared major is a university degree program that has similar academic preparation to one or more degree programs at other Arizona public universities as listed on the Common Course Matrices. For appropriate course selection, students should consult with an advisor.

Degree Requirements
The 60-64 semester credits required for the Associate in Arts, Fine Arts – Theatre follow. See the list titled MCCCD Courses That Can Be Used to Satisfy MCCCD AGEC-A, AGEC-B, and/or AGEC-S for specific course information via the following website: www.maricopa.edu/academic/ccta/. This list identifies the courses in alphabetical order by prefix as well as the Core Areas and Awareness Areas where the course will apply. For purposes of clarifying requirements in the Mathematical Studies 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. MCCCD General Education
The MCCCD General Education includes two areas: MCCCD AGEC-A and MCCCD Additional Requirements.

A. MCCCD AGEC-A

1. Core Areas ............................................................. .35
   a. First-Year Composition (FYC) ........................................... .6
   b. Literacy and Critical Inquiry [L] ......................................... .3
      Select the following:
      THE220 Modern Drama ............................. .3

For the most current information regarding degree requirements log onto www.maricopa.edu/academic/ccta.
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 precalculus 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 coursework from more than one
discipline for a total of six semester credits.
   Select the following:
   THE205 Introduction to Cinema ........ 3

e. Social and Behavioral Sciences [SB] ................................ 6
   Students are encouraged to choose coursework 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 Arizona Course Equivalency Guide (CEG) within
   the Arizona Course Applicability System (AZCAS) for information on
   equivalencies.

2. Awareness Areas ...................................................... 0
   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. MCCCD 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 MCCCD Additional Requirements
   because courses can satisfy a Core Area and MCCCD Additional Requirements
   simultaneously. Therefore, no additional semester credits are required to satisfy
   Oral Communication and Critical Reading.

For the most current information regarding degree requirements log onto www.maricopa.edu/academic/curric.
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 [SB] (3 credits)

b. **Critical Reading**
   A total of three (3) semester credits is required for the Critical Reading area. However, if students complete CRE101 and apply it to AGEC-A Core Requirements or if the students demonstrate proficiency through assessment, then the Critical Reading requirement has been satisfied.

   Select from the following options to complete 3 credits:
   - CRE101 [L] (3 credits) OR
   - equivalent as indicated by assessment

II. **Fine Arts Requirements – Theatre** .............................................. 25-29

A minimum of 25 credits is required to satisfy the Fine Arts Requirements – Theatre.

**Foundations** ................................................................. 13

Select the following:

- THE111 Introduction to Theatre ........ 3
- THP112 Acting I .................. 3
- THP115 Theatre Makeup .............. 3
- THP201AA Theatre Production I OR
- THP201AB Theatre Production II .... 1
- THP213 Introduction to Technical Theatre 3

**Restricted Electives** .......................................................... 12-16

Students may choose from the following courses to specialize in Acting, Technical Theatre, Teacher Education, or Cinema. Students should consult with the theatre advisor for the restricted electives recommended for each specialization track.

Select from the following options to complete a minimum of 12 semester credits:

- HUM206/ Introduction to Television
- THE206 Arts .......................... 3
- HUM210/ Contemporary
- THE210 Cinema ........................ 3
- THE118 Playwriting ...................... 3
- THP120AA Audition Techniques:
  - Monologue ............... 1
- THP120AB Audition Techniques:
  - Cold Readings .......... 1
- THP130 Stage Combat OR
- THP131 Stage Movement .......... 3
- THP210 Acting: TV/Film ............ 3
- THP211 Creative Drama .......... 3
- THP212 Acting II ..................... 3
- THP214 Directing Techniques .... 3
- THP216 Beginning Stage Lighting .... 3
- THP217 Introduction to Design
- THP218 Scenography .............. 3
- THP219 Introduction to Puppetry ..... 3
- THP267 Painting Techniques for Film, TV and Theatre .... 3
- THP271 Voice and Diction ...... 3

**Associate in Arts, Fine Arts – Theatre Total Credits** .............................................. 60-64
Associate in Science (AS) Degree

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. Generally, the degree will transfer as a block without loss of credit to Arizona's public universities and other institutions with district-wide articulation agreements.

In most cases, courses 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: www.aztransfer.com.

Academic Policies that Govern the Associate in Science Degree

- Completion of the Associate in Science and the AGEC-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. 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. On an exception basis, P-grades may be allowed in the AGEC for credit transferred if documentation collected by the community college indicates that the P-grade issued was the only option for the student and the P-grade is a "C" or better. The P-grade exception does not apply to credits awarded by AGEC granting/receiving institutions;
- Credit received through prior learning assessment or credit by evaluation is transferable within the Maricopa Community Colleges but is not necessarily transferable to other colleges and universities. No more than 20 semester credit hours may be applied toward AGEC.
- The General Education Requirements for AGEC-S may be completed in 36-38 semester credits with the following stipulations:
  - Courses can satisfy a Core Area and one or two Awareness Areas simultaneously.
  - A course cannot be used to satisfy more than one Core Area.
  - A course can be used to satisfy the L and SB or L and HU requirements simultaneously in the Core area for the AGEC-S.
- General Education Courses can satisfy multiple areas within the degree simultaneously (AGEC-S Core Area, AGEC Awareness Area, MCCCD Additional Requirements, or lower-division courses applicable to the major);

For the most current information regarding degree requirements log onto www.maricopa.edu/academic/ccta.
• 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 MCCCD Courses That Can Be Used to Satisfy MCCCD AGEC-A, AGEC-B, and/or AGEC-S for specific course information via the following website: www.maricopa.edu/academic/ccta/;

• Courses completed at one of the Maricopa Community Colleges to meet the General Electives requirement must be transferable to the university or universities to which the student plans to transfer, as elective credit or better. For appropriate course selection, students should consult with an advisor. 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.

• Courses completed at one of the Maricopa Community Colleges to satisfy Common Courses must be transferable as elective or better to the universities that have the shared majors listed on a Common Course Matrix. A shared major is a university degree program that has similar academic preparation to one or more degree programs at other Arizona public universities as listed on the Common Course Matrices. For appropriate course selection, students should consult with an advisor.

Degree Requirements

The 60-64 semester credits required for the Associate in Science follow. See the list titled MCCCD Courses That Can Be Used to Satisfy MCCCD AGEC-A, AGEC-B, and/or AGEC-S for specific course information via the following website: www.maricopa.edu/academic/ccta/. This list identifies the courses in alphabetical order by prefix as well as the Core Areas and Awareness Areas where the course will apply. For purposes of clarifying requirements in the Mathematical Studies 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.

1. MCCCD General Education ................................................... Credits

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

   A. MCCCD AGEC-S

      1. Core Areas ........................................................... 36-38
         a. First-Year Composition (FYC) ....................................... 6
         b. Literacy and Critical Inquiry [L] .................................... 0-3

             Recommend selecting a course that satisfies L (Literacy and Critical Inquiry) and SB (Social and Behavioral Sciences) OR L (Literacy and Critical Inquiry) and HU (Humanities and Fine Arts) or L (Literacy and Critical Inquiry) and COM or L (Literacy and Critical Inquiry) and CRE101 requirements simultaneously.

For the most current information regarding degree requirements log onto www.maricopa.edu/academic/ccta.
c. **Mathematical Studies [MA]** .................................................. 4

To complete the Mathematical Studies requirement, select one course to satisfy Mathematics [MA] S.

1) Mathematics [MA] S (4 credits)
   Select a calculus course MAT220 or MAT221, OR any mathematics course for which MAT220 or MAT221 is a prerequisite, OR if pursuing a degree at ASU in Life Sciences select MAT251 Calculus for Life Sciences.

d. **Humanities and Fine Arts [HU]** ......................................... 6

Students are encouraged to choose coursework from more than one discipline for a total of six semester credits.

Select a course that satisfies both L and HU requirements simultaneously.

e. **Social and Behavioral Sciences [SB]** ...................................... 6

Students are encouraged to choose coursework from more than one discipline for a total of six semester credits.

Select a course that satisfies both L and SB requirements simultaneously.

f. **Natural Sciences** ............................................................. 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.

g. **Subject Options (subject based on major)**................................ 6-8

Students completing AGEC-S, through careful selection of courses that meet the other major or pre-requisite requirements for Science degree, will meet this requirement. Using a transfer guide, select courses from: Astronomy, Biology, Botany, Chemistry, Environmental Science, Geology, Physical Geography, Physics, Zoology.

2. **Awareness Areas** .............................................................. 0

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-six to thirty-eight 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. **MCCCD Additional Requirements** ........................................... 0-6

Students must satisfy Oral Communication and Critical Reading areas. However, it is not necessary for students to exceed the thirty-six to thirty-eight semester credits required in order to complete the MCCCD Additional Requirements.

For the most current information regarding degree requirements log onto www.maricopa.edu/academic/ccta.
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 [SB] (3 credits)

b. **Critical Reading**
   A total of three (3) semester credits is required for the Critical Reading area. If 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 website: www.aztransfer.com.

Students must select MCCCD courses that are transferable to the university or universities to which the student plans to transfer, as elective credit or better 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 MCCCD 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

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For the most current information regarding degree requirements log onto www.maricopa.edu/academic/ccta.
Associate in Business, General Requirements (ABUS GR) Degree

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. MCCCDD General Education, which includes Arizona General Education Curriculum for Business (AGEC-B),

II. Common Lower Division Program Requirements,

III. General Electives.

Purpose of the 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 Computer Information Systems should follow the ABus GR pathway. Computer Information Systems majors should follow the Associate in Business Special Requirements pathway.

Generally, the degree transfers as a block without loss of credit to Arizona’s public universities and other institutions with district-wide articulation agreements. In most cases, courses used to satisfy the MCCCDD Associate in Business General Requirements will apply to university graduation requirements of the university major for which the ABus GR was designed.

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. 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. On an exception basis, P-grades may be allowed in the AGEC for credit transferred if documentation collected by the community college indicates that the P-grade issued was the only option for the student and the P-grade is a "C" or better. The P-grade exception does not apply to credits awarded by AGEC granting/receiving institutions;

- Credit received through prior learning assessment or credit by evaluation is transferable within the Maricopa Community Colleges but is not necessarily transferable to other colleges and universities. No more than 20 semester credit hours may be applied toward AGEC.

- Uses the following policies to help students complete the required Core and Awareness Areas in AGEC-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 (AGEC-B Core Area, AGEC-B Awareness Area, and/or Common Lower Division Program Requirements)

For the most current information regarding degree requirements log onto www.maricopa.edu/academic/ccta.
Degree 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 MCCCD and the institutions to which MCCCD 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 MCCCD Courses That Can Be Used to Satisfy MCCCD AGEC-A, AGEC-B, and/or AGEC-S for specific course information via the following website:  www.maricopa.edu/academic/ccta/.

• Click on page labeled Curriculum
• Select Matrix of Courses that Can be Used to Satisfy • MCCCD AGEC A, B and/or S.

The list identifies the courses in alphabetical 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. MCCCD General Education

A. MCCCD AGEC-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].

For the most current information regarding degree requirements log onto www.maricopa.edu/academic/ccta.
d. **Humanities and Fine Arts [HU]** ............................................... 6
   Students are encouraged to choose coursework from more than one
discipline for a total of six semester credits.

e. **Social and Behavioral Sciences [SB]** ........................................ 6
   Students are encouraged to choose coursework 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 Arizona Course Equivalency Guide (CEG) within
   the Arizona Course Applicability System (AZCAS) for information on
   equivalencies.

2. **Awareness Areas** .......................................................... 0
   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.

For the most current information regarding degree requirements log onto www.maricopa.edu/academic/ccta.
Complete the following

Accounting:
*ACC111 & ACC230 & ACC240
OR
**ACC211 & ACC212 .......................... 6-7

NOTE: *MCCCD ACC250 or ACC211 may be taken in lieu of ACC111. **MCCCD ACC111 and ACC112 together are equivalent to ACC211.

ECN211 [SB] ...................... 3
ECN212 [SB] ...................... 3
GBS205 .............................. 3
GBS221 [CS] .......................... 3

Quantitative Methods
GBS220 OR *MAT217 OR *MAT218 ...... 3
*Students planning to attend ASU W.P. Carey will be required to take either MAT217 or MAT218.

Business Elective ................. 6

Select from the following options:
CIS114DE Excel Spreadsheet
CIS133DA Internet/Web Development I

CIS159 [CS] Visual Basic Programming I
CIS162AD C#: Level I

GBS233 [L] Business Communication
GBS110 Quantitative Methods in Business
and Industry OR

MGT251 Human Relations in Business

IBS101 Introduction to International Business

GBS220 [L] Business Communication

GBS110 Quantitative Methods in Business

IBS101 Introduction to International Business

MKT271 Principles of Marketing

SBU200 Society and Business

MGT253 Owning and Operating a Small Business

REA179 Real Estate Principles I

REA180 Real Estate Principles II

MKT271 Principles of Marketing

SBU200 Society and Business

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.

All courses used to satisfy electives must be transferable to the university or universities to which the student plans to transfer, as elective credit or better. For appropriate course selection, students should consult with an advisor.

Associate in Business, General Requirements Total Credits ........................................ 62-63

For the most current information regarding degree requirements log onto www.maricopa.edu/academic/ccta.
Associate in Business, Special Requirements (ABUS SR) Degree

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. MCCCDD 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 coursework toward a baccalaureate program at other degree-granting institutions. The Associate in Business, General Requirements (ABUS GR) is designed for all other business majors. Additional information on academic majors at the Arizona public universities can be accessed via the following website: www.aztransfer.com.

Generally the degree transfers as a block without the loss of credit to Arizona’s public universities and other institutions with district-wide articulation agreements. In most cases, courses used to satisfy the MCCCDD Associate in Business, Special Requirements will apply to university graduation requirements of the university major for which the ABUS SR was designed.

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. 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. On an exception basis, P-grades may be allowed in the AGEC for credit transferred if documentation collected by the community college indicates that the P-grade issued was the only option for the student and the P-grade is a “C” or better. The P-grade exception does not apply to credits awarded by AGEC granting/receiving institutions;

- Credit received through prior learning assessment or credit by evaluation is transferable within the Maricopa Community Colleges but is not necessarily transferable to other colleges and universities. No more than 20 semester credit hours may be applied toward AGEC.

- Uses the following policies to help students complete the required Core and Awareness Areas in AGEC-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 (AGEC-B Core Area, AGEC-B Awareness Area, and/or Common Lower Division Program Requirements).
Degree Requirements

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

- Click on page labeled Curriculum
- Select Matrix of Courses that Can be Used to Satisfy MCCCD AGEC A, B and/or S.

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. MCCCD General Education ................................................................. Credits
A. MCCCD AGEC-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 the 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) Computer/Statistics/Quantitative Applications [CS]
      NOTE: Students are encouraged to select GBS221 or CIS105
to satisfy [CS].
d. Humanities and Fine Arts [HU] .......................................................... 6
   Students are encouraged to choose coursework from more than one
discipline for a total of six semester credits.

e. Social and Behavioral Sciences [SB] .................................................. 6
   Students are encouraged to choose coursework 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 Arizona Course Equivalency Guide (CEG) within
   the Arizona Course Applicability System (AZCAS) for information on
   equivalencies.

2. Awareness Areas ............................................................................... 0
   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 education areas are noted with the general education designations
   encased in brackets.

   Complete the following:
   Accounting:

   *ACC111 & ACC230 & ACC240
   OR
   **ACC211 & ACC212 ................................. 6-7
   NOTE: *MCCCD ACC250 or ACC211 may be taken in lieu of ACC111. **MCCCD ACC111 and
   ACC112 together are equivalent to ACC211.
   CIS162AD ................................................. 3
   CIS250 ..................................................... 3
   GBS205 .................................................... 3
   GBS220 or MAT217* or MAT218* ............ 3
   GBS221 [CS] ............................................. 3
   ECN211 [SB] ............................................. 3
   ECN212 [SB] ............................................. 3
   *Students planning to attend ASU W.P. Carey will be required to take MAT217 or MAT218.
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.

All courses used to satisfy electives must be transferable to the university or universities to which the student plans to transfer, as elective credit or better. For appropriate course selection, students should consult with an advisor.

Associate in Business, Special Requirements Total Credits........................................ 62-63
Associate in General Studies (AGS) Degree

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;

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)
  GBS General Business 220

For the most current information regarding degree requirements log onto www.maricopa.edu/academic/ccta.
• **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
  AGB  Agribusiness 139
  AJS  Administration of Justice Studies 119/205
  AMS  Automated Manufacturing System 150
  ARC  Architecture 243/244/245
  BIO  Biology 294
  BPC  Business-Personal Computers Any BPC Course(s) (except 217AM)
  CFS  Child/Family Studies 180
  CIS  Computer Information Systems Any CIS Course(s) (except 162, 162AC, 169, 183AA, 217AM, 259, 262)
  CSC  Computer Science Any CSC Course(s) (except 200, 200AA, 200AB, 210, 210AA, 210AB)
  CTR  Court Reporting 101/102
  DFT  Drafting Technology 103/105/any 105 module/150/251/any 254 module/256AA
  ECH  Early Childhood Education 238
  EEE  Electrical Engineering 120
  ELE  Electronic 131/181/241/243/245/281
  ELT  Electronic Technology 131/241/243/
  ENG  English 100AE
  ENV  Environmental Sciences 119
  FON  Food & Nutrition 100/100AA/100AC/100AD
  GBS  General Business 221
  GPH  Physical Geography 220
  HRM  Hotel Restaurant Management 126
  JAS  Justice and Government Agencies Admin 225
  JRN  Journalism 133
  LAS  Paralegal Studies 229
  MAT  Mathematics 206
  MET  Manufacturing Technology 264
  MTC  Music Theory/Composition 180/191
  NET  Networking Technology 181/181AA
  OAS  Office Automation Systems 111AA/111AB/113/119/130DK/235DK
  PSY  Psychology 230

For the most current information regarding degree requirements log onto www.maricopa.edu/academic/ccta.
RTR  Realtime Reporting 101/102
SBS  Small Business 211
SMT  Semiconductor Manufacturing Technology 150
SWU  Social Work 225
TVL  Travel Agent Technology 203
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 211/220/222/223/253
  CCS  Chicana and Chicano Studies 101
  CNS  Construction 101
  COM  Communication 241
  DAH  Dance Humanities 100/201/250
  EDU  Education 292/294
  ENG  English 200/213/218
  ENH  English Humanities Any ENH Course(s) (Except 114/250)
  FRE  French 265
  HCR  Health Care Related 210
  HUM  Humanities Any HUM course(s) (EXCEPT 108/120/203/207)
  INT  Interior Design 105/115/120/225
  LAT  Latin 201/202
  MHL  Music: History/Literature 140/143/145/146/153/155/242
  PHI  Philosophy Any PHI Course(s) (EXCEPT 113)
  REL  Religious Studies Any REL Course(s) (EXCEPT 213/271)
  SLC  Studies in Language & Culture 201
  SPA  Spanish 241/242/265/266
  SPH  Spanish Humanities 245
  STO  Storytelling 292/294
  SWU  Social Work 102/171/258/292
  THE  Theater 111/205/206/210/260
  THP  Theater Performance/Production 241
  WST  Women's Studies 209/284/285/290

For the most current information regarding degree requirements log onto www.maricopa.edu/academic/ccta.
• Social and Behavioral Sciences (9 credits)
  Students are encouraged to choose courses from more than one discipline.
  AFR  African American Studies 202/203/204
  AIS  American Indian Studies 101/140/141/160
  AJS  Administration of Justice Studies 101/119/162/200/225/258/259/270
  ASB  Anthropology 102/202/211/214/222/223/230/235/238/245/252
  ASM  Anthropology 104/275
  CFS  Child/Family Studies 157/159/176/205/235/259
  COM  Communication 100/100AA & 100AB & 110AC/110AA & 110AB & 110AC/163/230/250/263
  ECH  Early Childhood Education 176
  ECN  Economics Any ECN Course(s)
  EDU  Education 221/222
  EED  Early Education 200/205/222
  ENG  English 213
  EMT  Emergency Medical Technology 258
  FOR  Forensic Science 275
  FSC  Fire Science 258
  FUS  Future Studies 101
  GCU  Cultural Geography 102/121/122/141/223
  HES  Health Science 100
  HIS  History Any HIS Course(s) (EXCEPT 111/135/170/204)
  IBS  International Business 109
  MCO  Mass Communications 120
  POS  Political Science Any POS Course(s)
  REC  Recreation 120
  REL  Religious Studies 243/250
  SBU  Society and Business 200
  SLC  Studies in Language & Culture 201
  SOC  Sociology Any SOC Course(s) (EXCEPT 242/253/265/270)
  SWU  Social Work 102/171/258/292
  WED  Wellness Education 110
  WST  Women's Studies 100/161
  YAQ  Yaqui Indian History & Culture 100

For the most current information regarding degree requirements log onto www.maricopa.edu/academic/ccta.
• **Natural Sciences (7-8 credits)**
  Two lecture courses and one corresponding laboratory course 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 164/260
  ASB   Anthropology 231
  ASM   Anthropology 104
  AST   Astronomy 101/102/111/112/113/114
  ENV   Environmental Sciences 101
  FON   Food and Nutrition 241/241LL
  FOR   Forensic Science 105/106
  GLG   Geology Any GLG Course(s)
  GPH   Physical Geography 111/112/113/210/211/212/213/214/215
  PHS   Physical Science 110/120
  PHY   Physics 101/101AA/111/111AA/112/115/116/121/131
  PSY   Psychology 275/290AB/290AC

• **Literacy & Critical Inquiry (3 credits)**
  AIS   American Indian Studies 213
  BIO   Biology 294
  COM   Communication 222/225/241
  CRE   Critical Reading 101
  ENG   English 111/200/215/216/217/218
  ENH   English Humanities 254/255
  FON   Food & Nutrition 206
  GBS   General Business 233
  GPH   Physical Geography 211
  HUM   Humanities 250/251
  IFS   Information Studies 101
  JRN   Journalism 201/234
  MCO   Mass Communications 220
  PHI   Philosophy 103/106
  POS   Political Science 115
  PSY   Psychology 290AB/290AC
  REL   Religious Studies 203/205
  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.

For the most current information regarding degree requirements log onto www.maricopa.edu/academic/ccta.
Associate in Applied Science (AAS) Degree, General Education Requirements

Purpose of the 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 Associate in Applied Science 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 area. Courses from the General Education Core and Distribution Areas are excluded.

Shared programs are programs offered at multiple colleges but not available at all colleges. 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 area. Courses from the General Education Core and Distribution Areas are excluded.

Students 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;

For the most current information regarding degree requirements log onto www.maricopa.edu/academic/ccta.
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)**
  
  GBS General Business 220
  
  
  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 211/220/222/223/253
  
  CCS Chicana and Chicano Studies 101
  
  CNS Construction 101
  
  COM Communication 241
  
  DAH Dance Humanities 100/201/250
  
  EDU Education 291**/292/294
  
  ENG English 200/213/218
  
  ENH English Humanities Any ENH Course(s) (Except 114/250)
  
  FRE French 265
  
  HCR Health Care Related 210
  
  HIS History 101/102/103/108/111/113/114/243/253/254/275
  
  HUM Humanities Any HUM Course(s) (Except 120/203/207)
  
  INT Interior Design 115/120/225
  
  LAT Latin 201/202
  
  MHL Music: History/Literature 140/143/145/146/153/155/242
  
  PHI Philosophy Any PHI Course(s) (Except 113)
  
  REL Religious Studies Any REL Course(s) (Except 271)
  
  SLC Studies in Language & Culture 201
  
  SPA Spanish 241/242/265/266
  
  SPH Spanish Humanities 245
  
  STO Storytelling 292/294
THE Theater 111/205/206/210
THP Theater Performance/Production 241
WST Women’s Studies 209/284/285/290

- **Social and Behavioral Sciences (3 credits)**
  Students are encouraged to choose courses from more than one discipline.

  AIS American Indian Studies 101/140/141/160
  AFR African American Studies 202/203/204
  AJS Administration of Justice Studies 101/162/200/225/258/259/270
  ASB Anthropology 102/202/211/214/222/223/230/235/238/245/252
  ASM Anthropology 104/275
  CFS Child/Family Studies 157/159/176/205/253/259
  COM Communication 100/100AA & 100AB & 100AC/110/110AA & 110AB & 110AC/163/230/250/263
  ECH Early Childhood Education 176
  ECN Economics Any ECN Course(s)
  EDU Education 221/222
  EED Early Education 200/205/222
  EMT Emergency Medical Technology 258
  ENG English 213
  FOR Forensic Science 275
  FSC Fire Science Technology 258
  FUS Future Studies 101
  GCU Cultural Geography 102/121/122/141/221/223
  HES Health Science 100
  HIS History Any HIS Course(s) (Except 111/135/170/204)
  IBS International Business 109
  MCO Mass Communications 120
  POS Political Science Any POS Course(s)
  REC Recreation 120
  REL Religious Studies 243/250
  SBU Society and Business 200
  SLC Studies in Language & Culture 201
  SOC Sociology Any SOC Course(s) (Except 242/253/265/270)
  SWU Social Work 102/171/258/292
  WED Wellness Education 110
  WST Women’s Studies 100/161
  YAQ Yaqui Indian History & Culture 100

For the most current information regarding degree requirements log onto www.maricopa.edu/academic/ccta.
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 164/260
ASB Anthropology 231
ASM Anthropology 104
AST Astronomy 101/102/111/112/113/114
FON Food and Nutrition 241/241LL
FOR Forensic Science 105/106
GLG Geology Any GLG Course(s) (Except 140/251MC/275)
GPH Physical Geography 111/112/113/211/212/213/214/215
PHS Physical Science 110/120
PHY Physics 101/101AA/111/111AA/112/115/116/121/131
PSY Psychology 275290AB/290AC
Academic Certificate

Purpose of the Academic Certificate (area of emphasis)
The Maricopa Community College District Academic Certificate (area of emphasis) 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 (area of emphasis) may be derived from a variety of disciplines or it can
be discipline specific. The Academic Certificate does not require a general studies component even though
requirements of the certificate may include courses that currently meet specific general studies designations
such as Humanities and Fine Arts, Social and Behavioral Sciences, etc.

Academic Policies that Govern the Academic Certificate (area of emphasis)
• 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.
MCCCD Allied Health or Nursing Program

In collaboration and partnership with the healthcare community and its response to the dynamic changes occurring in the healthcare arena and healthcare professions’ practice, the Maricopa Community Colleges integrated the curriculum of all allied health and nursing programs. All allied health or nursing program pathways and educational offerings emphasize the achievement of relevant competencies and provide value to the individual, the employer, and the community. As a result, graduates of the various allied health or nursing program pathways will meet the community’s demand for a flexible, multi-skilled healthcare workforce that meets employer and consumer needs. Refer to individual college catalogs for specific healthcare program pathways. For further information, http://healthcare.maricopa.edu is a comprehensive information source.

Allied Health or Nursing Assumption of risk/release of Liability

Most of the allied health or nursing program pathways include a program of study in a clinical training environment which may contain exposures to risks inherent in patient-oriented educational experiences, such as but not limited to, bodily injury or communicable and infectious diseases. Students enrolling in clinical educational courses will be asked to sign a statement assuming all risks inherent in their coursework.

Use of Confidential Information

Students enrolled in allied health or nursing program pathways will have learning experiences in a healthcare setting where they will have access to confidential information. Prior to beginning any clinical studies, the students will be asked to sign an agreement to adhere to the requirements of those clinical sites and applicable law, including the Health Insurance Portability and Accountability Act of 1996 (HIPAA).

Allied Health or Nursing College of Attendance

As the allied health or nursing programs are integrated across the Maricopa County Community College District, college of attendance requirements for the completion of the healthcare program pathways can be met through the completion of coursework taken at all the Maricopa Community Colleges and Skill Centers.

Requirement of Background Check

Students enrolled in an allied health or nursing program will be in clinical learning experiences, working with children, elderly persons, and other vulnerable populations. Healthcare agency policies require evidence of background clearance prior to entering such learning experiences. The background clearance will consist of a fingerprint clearance, verification of social security number, and a periodic query of the Office of the Inspector General (OIG) List of Excluded Individuals/Entities (LEIE) List. ARS §15-1881 provides the Department of Public Safety the authority to conduct background checks and issue clearance cards to healthcare students for the purpose of meeting the requirements for clinical training. Students seeking enrollment into health programs will be required to provide a current clearance card provided by DPS as evidence of an independent background check that meets healthcare industry standards. Individual programs will establish program policy regarding when the background check needs to be completed, either at the time of application to or enrollment in clinical courses. Evidence of a completed background clearance must be maintained for the duration of time of program enrollment. It is advised that students carry proof of the background clearance at all times during any agency learning experience. Any change in status that would affect the background clearance of a healthcare student may result in the interruption of student progress or dismissal from the program.

Note: Certain licensing boards may require a separate background check or clearance card upon application for licensure or certification.
**Duty to Report**

All students enrolled in health programs holding or receiving certification or licensure as a healthcare professional from a US state or territory must remain in good standing with that agency. Students receiving any disciplinary action against their certification and/or license must notify the program director within five (5) business days. Any student who is placed on the Office of the Inspector General (OIG) List of Excluded Individuals/Entities List must notify their program director within five (5) business days. Any student who has his/her fingerprint clearance card revoked, suspended, or modified in any way must notify the program director within five (5) business days. The program director reserves the right to restrict the student’s participation in clinical experience and involvement in patient care until the certificate or license is valid and unrestricted as determined by the agency who issued the disciplinary action; the student is removed from the OIG Exclusion List; and/or the fingerprint card is valid and unrestricted.

**Waiver of Licensure/Certificate Guarantee**

Many of the nursing and allied health programs prepare graduates for application for State or National certificates or licenses. In some professions, such licensure and certification is required prior to employment or practice in the profession. Graduation from a nursing and allied health program does not guarantee the receipt of a license or certificate to practice in the field of study.
Occupational Program Matrix

The Maricopa County Community College Occupational Program Matrix identifies all programs currently available for offering within the 10 community colleges and 2 skill centers of the district. The programs are grouped under broad occupational areas as requested by the colleges. For specific information regarding individual programs, contact the college(s) listed as participating institutions.

AGRICULTURE, FOOD, AND NATURAL RESOURCES

Agricultural Production and Management
Agribusiness .......................... MC
(See Agribusiness Sales and Service and Horticulture sections for additional programs and related areas)
Urban Horticulture .......................... MC
(See Horticulture section for additional programs and related areas)

Equine Training and Management
Equine Science .......................... SC
Veterinary Technology/Animal Health .......................... MC

Horticulture
Landscape Aide ................................ MC
Landscape Specialist .......................... MC
(See Agricultural Production and Management section for additional programs and related areas)
Workforce Development: Horticulture .......................... RS
Workforce Development: Landscape Technology .......................... RS

ARCHITECTURE AND CONSTRUCTION

Air Conditioning and Refrigeration
Air Conditioning/Refrigeration/Facilities .......................... GW
Residential and Light Commercial Air Conditioning .......................... GW

Apprenticeship Related Instruction
Construction Trades: Bricklaying and Tilesetting .......................... GW
Construction Trades: Carpentry ................................ GW
Construction Trades: Concrete Form Builder .......................... GW
Construction Trades: Construction Management .......................... GW
Construction Trades: Electricity ................................ GW
Construction Trades: Heat and Frost Insulation .......................... GW
Construction Trades: Ironworking .......................... GW

Construction Trades – Mechanical Trades: Heating, Ventilating and Air Conditioning .......................... GW
Construction Trades – Mechanical Trades: Pipefitting .......................... GW
Construction Trades – Mechanical Trades: Plumbing .......................... GW
Construction Trades – Mechanical Trades: Sheet Metal .......................... GW
Construction Trades – Mechanical Trades: Millwrighting .......................... GW
Construction Trades – Mechanical Trades: Painting and Drywalling .......................... GW
Construction Trades – Mechanical Trades: Pipe Trades – Pipefitter-Refrigeration .......................... GW
Construction Trades – Mechanical Trades: Pipe Trades – Plumbing .......................... GW
Construction Trades – Mechanical Trades: Steamfitting .......................... GW
Construction Trades – Mechanical Trades: Plastering and Cement Masonry .......................... GW
Construction Trades – Mechanical Trades: Roofing .......................... GW
Construction Trades – Mechanical Trades: Sheet Metal .......................... GW
Heavy Equipment Operations .......................... GW
Power Plant Technology .......................... GW, EM

Building and Construction
Architecture .......................... MC
Architectural CADD Level III .......................... MC
Architectural Detailing CADD Level III .......................... MC
Architectural CAD Technology .......................... PC
Architectural Technology .......................... SC
Building Inspection .......................... EM, MC
Building Safety and Construction Technology .......................... PC
Building Safety Technology .......................... SC
Civil Engineering Technology .......................... PC
Construction .......................... MC
Construction Drafting CADD Level III .......................... MC
Construction Trades: Carpentry .......................... GW
Construction Trades: Heavy Equipment Operations .......................... GW
Construction Management ................................... PC
Plan Review ................................................. MC
Pre-Contractor Licensing ..................................... MC
Residential Drafting CADD Level II ......................... MC
Survey and Civil Drafting - CADD Level II ................. MC
Workforce Development: Carpentry Level I ............. RS
Workforce Development: Carpentry Level II ............. RS
Workforce Development: Furniture Construction/Refinishing Level I .......... RS
Workforce Development: Furniture Construction/Refinishing Level II .......... RS

ART, A/V TECHNOLOGY, AND COMMUNICATION

Home Economics
Adolescent Development .............................. GC, RS
Adolescent Studies ....................................... PC
Adult Development and Aging ...................... GC, RS
Advanced Interior Design ............................. PC
Alteration Specialist ..................................... MC
Apparel Construction ..................................... PC
Costume Design and Production ....................... MC
Costuming .................................................. PC
Family Development ..................................... PC
Family Life Education ..................................... GC, SC, RS
Family Support ........................................... GC
Fashion Design .......................................... PC
Fashion Design Level I .................................. PC
Fashion Design Level II ................................ PC
Fashion Illustration ...................................... PC
Interior Design .......................................... MC, PC, SC
Interior Design: Advanced ......................... MC
Interior Design: Professional Level ................. SC
Interior Merchandising ................................. GC, MC, PC, EM
Kitchen and Bath Design ............................... PC
Parent Education .......................................... GC, RS, SC
Pattern Design Level I ..................................... PC
Pattern Design Level II .................................... PC

Merchandising
Fashion Merchandising .................................. PC
Fashion Merchandising & Design ...................... MC
Image Consultant ......................................... MC

Music
Audio Production
  Technologies .......................................... GC, MC, PC, PV, SC
Dance Technology ........................................ SC
Music Business ........................................... CG, GC, MC, PC, PV, SC, SM

Commercial Art/Advertising Art
Animation and Web Publishing Design ........ GC
Computer Graphic Design .......................... PC
(See Media Technology section for additional programs and related areas)

Graphic Design: Visual Communication ............ SC
Journalism .................................................. GC, MC, PV, SC
Workforce Development: Graphic Arts Level I .... RS
Workforce Development: Graphic Arts Level II .... RS

AEROSPACE AND AVIATION

Aviation and Aeronautics
Aircraft Maintenance Technology ................ CG
Aircraft Maintenance Technology (Part 147) .......... CG
Airframe Maintenance (Part 147) ...................... CG
Airway Science Technology, Flight Emphasis .... CG
Flight Technology ......................................... CG
Powerplant Maintenance (Part 147) ................. CG

BIOSCIENCE

Biomedical Research Technology ........ CG, GW, SM
Biotechnology ........................................... MC
Biotechnology and Molecular Biosciences .... GC

BUSINESS, MANAGEMENT, AND ADMINISTRATION

Accounting
Accounting .................................................. GC, EM, GC, GW, PC, RS, SM
Accounting Paraprofessional ......................... GC
Accounting – Specialized Para-Professional .......... PV
Bookkeeping .............................................. SC
Microcomputer Accounting ........................... PV
Software Quality Assurance .......................... MC
(See Business Administration for additional programs and related areas)

Business Administration
Business ....................................................... MC, SC
Business (Fastrack) ...................................... SC
General Business ........................................ CG, GC, MC, PC, RS, SC, SM
(See Management and Finance section for additional programs and related areas)

Import/Export Trade ..................................... PV
International Business ................................. PV
International Trade ...................................... MC

Management
Business Management ................................. SM
General Business Specialized ......................... PV
Human Resources Management ...................... PC
Management .............................................. PC, MC, SC
Management I ............................................. PC
Management II ........................................... PC
Middle Management .................................... GC, PV
Military Leadership .................................... RS
Project Management .................................... MC
Public Relations .......................................... GC
Degree Requirements

(See Middle Management section for additional programs and related areas)

**Retail Management**
- CG, GC, GW, EM, MC, PC, PV, RS, SC, SM
- Retail Management and Marketing
- MC
- Retail Sales Manager
- MC
- Small Business
- MC
- Small Business Entrepreneurship
- GC, SM
- Small Business Management
- EM, SC

**Small Business Start-Up**
- CG, GC, MC, PC, PV, RS, SM
- Supervision
- GC
- Supervision and Management I
- SM
- Supervision and Management II
- SM

**Middle Management**
- Public Relations
- MC

(See Management section for additional programs and related areas)

**Office Occupations**
- Administrative Office Coordinator
- GC
- Administrative Office Professional
- PV
- Administrative Technology
- GW
- Business Technology Specialist
- GW
- Computer Applications
- PC
- Computer Software Applications
- PV
- Customer Service / Information Professional
- PV
- Data Entry Clerk
- EM
- General Office Secretary
- EM, GC
- Management of Clinical Information Technology
- GW
- Management of Clinical Information Technology: Health Information Technology Implementation Support
- GW
- Management of Clinical Information Technology: Health Information Technology Technical Support
- GW
- Management of Clinical Information Technology: Health Information Technology Training
- GW
- Management of Clinical Information Technology: Implementation Management
- GW
- Management of Clinical Information Technology: Practice Workflow and Information Management Redesign
- GW
- Office Automation Systems
- SC, SM
- Office Coordinator
- GC
- Office Technology
- GW
- Paralegal Studies
- PC
- Realtime Reporting-Advanced Placement CART
- PC
- Realtime Reporting-Advanced Placement Broadcast Captioning
- GW
- Realtime Reporting-Broadcast Captioning
- GW
- Realtime Reporting-CART
- GW
- Realtime Reporting-Judicial
- GW
- Realtime Reporting Scoping
- GW
- Receptionist
- EM
- Technology Support Analyst Level I
- MC
- Technology Support Analyst Level II
- MC
- Word Processing
- SC

**Total Quality Management**
- Automobile Insurance: Customer Service
- RS
- Automobile Policy: Customer Service
- RS
- Broadband Telecommunications
- RS
- Broadband Telecommunications: Account Services
- RS
- Broadband Telecommunications: Field Operations
- RS
- Broadband Telecommunications: Technical Support Services
- RS
- Credit Counseling: Customer Service
- RS
- Customer Service Management
- EM
- Human Services-Assistance: Customer Service
- RS
- Human Services-Long Term Care: Customer Service
- RS
- Human Services-Specialist: Customer Service
- RS
- Human Services-Unemployment Insurance: Customer Service
- RS
- Insurance Customer Service
- RS
- Motor Vehicle: Customer Service
- RS
- Utilities Customer Service
- RS

**Organizational Leadership**
- CG, EM, GW, MC, PC, PV, RS

**Organizational Management**
- CG, EM, GW, MC, PV, RS
- Pharmacy: Customer Service
- SM
- Quality Customer Service
- GW, RS
- Quality Process Leadership
- GW
- Travel Agency: Customer Service
- RS
- Utilities Customer Service
- RS

**EDUCATION AND TRAINING**

**Early Childhood Education**
- Child and Family Organizations Management and Administration
- GC, RS
- Child Development Associate (CDA) Preparation
- GC, PVC
- Curriculum for Young Children
- PC
- Early Care Specialist
- MC
- Early Childhood Administration and Management
- GC, MC, RS, SM
- Early Childhood Education and Administration
- PC
- Early Childhood Classroom Management
- PC
- Early Childhood Development
- SM, RS
Early Childhood Education ........ PV, GC, RS
Early Learning and Development ........ CG, MC, RS, SC
Family Child Care Management ........ RS, SC
Infant and Toddler Development .......... SC, RS

**Workforce Development**
Workforce Development and Community Re-Entry ........ RS

**Education**
Bilingual Endorsement .................. MC
ESL Endorsement ........................ MC
Foundations of Student Services ........ EM
Gifted Education ........................ EM
Instructional Assistance .................. MC, PC
Reading Specialist Endorsement .......... MC
Teacher Assisting ...................... EM, GW

**Library Media Technology**
Library Information Technology .......... MC
Library Information Technology: Advanced . MC
Library Information Technology: Basic . MC
Library Information Technology: Practitioners . MC
Library Information Technology: School
Library Media Center .................... MC

**ENVIRONMENTAL TECHNOLOGY**
Environmental Technology
Environmental Science Technology ....... GW
Geospatial Technologies .................. MC
Hydrologic Studies ........................ GW
Occupational Safety and Health Technology .... GW
Radiation Protection Technology ........ EM
Safety, Health and Environmental Studies . PV
Wastewater Treatment ..................... GW
Water Distribution and Collection ........ GW
Water Purification Technology .......... GW
Water Resources Technologies .......... GW
Water Resources Technologies:
Hydrologic Studies ....................... GW
Water Technologies Level 1 ................ GW
Water Technologies Level 2 ................ GW
Water Technologies Level 3 ................ GW
Water Technologies Level 4 ................ GW
Water Treatment .......................... GW

**FINANCE**
Finance
Bank Account Management: Customer Service . RS
Banking and Finance .................... PC, EM
Certified Residential Appraiser .......... MC
Home Inspection ........................ MC
Licensed Real Estate Appraiser .......... MC
Real Estate .............................. GC, MC, PC
Real Estate: Prelicense ........................ PC
Residential Appraisal Trainee .................. MC

**GOVERNMENT AND PUBLIC ADMINISTRATION**
Public Administration
Public Administration ..................... RS
Tribal Development ........................ SC

**HEALTH SCIENCE**
Allied Health
Advanced Behavioral Health Sciences .... GC, SM
Advanced Nursing ........................ SM
Basic Behavioral Health .................. GC, SM
Clinical Laboratory Sciences ............ PC
Clinical Research Associate ............. GW
Community Health Worker ............... SM
Computed Tomography .................... GW
Developmental Disabilities Specialist .... GC
Diagnostic Medical Sonography .......... GW
Electroneurodiagnostics .................. GW
Health Information: Long Term Care Settings . PC
Health Information Technology .......... PC
Health Services Management ............. GW
Health Unit Coordinating ............... GW
Histologic Technology .................. PC
Hospital Central Service Technology .... GW
Laboratory Assisting ...................... PC
Magnetic Resonance Imaging ............. GW
Medical Assisting ........................ PC
Medical Billing and Coding: Physician-Based . PC
Medical Coding: Hospital-Based .......... PC
Medical Front Office ..................... PC
Medical Radiography .................... GW
Medical Transcription .................. GW
Perioperative Nursing ................... GW
Phlebotomy .............................. PC
Physical Therapist Assisting ............. GW
Polysomnographic Technology .......... GW
Radiation Therapy ....................... GW
Recovery Support ........................ SM
Respiratory Care ........................ GW
Speech Language Pathology Assistant .... EM
Surgical Technology ..................... GW

**Emergency Medical Technology**
Advanced Emergency Medical Technology
(Paramedic) .......................... GC, MC, PC, PV, SC
Basic Emergency Medical Technology .... GC, MC, PC, PV, SC
Community Emergency Response Team
(CERT): Level I .......................... PC
Emergency Communications and Deployment. PC
Intermediate Emergency Medical Technology ......................... MC, PC

Dental
Clinical Dental Assisting ........................................ RS
Community Dental Health Coordination ...................... RS
Dental Assisting .................................................. PC
Dental Assisting Technology .................................. RS
Dental Hygiene ..................................................... PC, RS, MC
Dental Office Management ...................................... RS

Nursing
Fast Track Practical Nursing ................................. GW
Nursing ....................................................... CG, EM, GC, GW, MC, PC, PV, SC
Nurse Assisting ............................................... CG, GC, GW, MC, PC, PV, SC, RS, EM
Nursing Refresher ................................................ GW, MC

Practical Nursing ................................................. CG, EM, GC, GW, MC, PC, PV, SC, RS

HOSPITALITY AND TOURISM

Food and Nutrition
Advanced Professional Culinary Arts ........................ SC
Baking and Pastry ............................................ EM
Basic Culinary Studies ......................................... EM
Commercial Baking ........................................... PC
Commercial Food Preparation ............................... PC
Culinary Arts ..................................................... SC
Culinary Studies .................................................. EM, PC, MC
Culinary Fundamentals ......................................... SC
(See Hospitality section for additional programs and related areas)

Dietetic Technology ................................. CG, PV
Food Service Administration ................................ PC
Professional Food and Beverage Service .................. PC
Sustainable Food Systems ..................................... MC, RS

Hospitality
Airline Operations ............................................... RS
Airline Operations: Ground Operations ...................... RS
Airline Operations: Initial Flight Attendant ................. RS
Airline Operations: Passenger Services ..................... RS
Airline Operations: Reservations ............................. RS
Airline Operations: Reservations and Ticketing Operations ................................. RS
Airline Operations: Vacations ................................ RS
Hospitality and Tourism/Golf Management ................ SC
Hospitality and Tourism/Hotel Management ............. SC
Hospitality and Tourism/Restaurant Management ........ SC
Hospitality and Tourism/Spa and Wellness Center Management ................................ SC
Hospitality/Hotel Management ................................ EM
Hospitality and Tourism/Tourism Development and Management ................................ SC

HUMAN SERVICES

Parks, Recreation, Leisure and Fitness Studies
Recreation Management ......................................... MC, SC

Health and Physical Education/Fitness
Group Fitness Instructor ....................................... GC, MC
Personal Trainer ................................................ GC, MC

Strength, Nutrition and Personal Training ........ CG, EM, GC, MC, PV, SC, SM
Strength and Conditioning Personal Trainer ................ CG, EM, GC, GW, MC, PV, SC, SM
Teaching, Healing, Meditation & Stress Management .............................................. PV

Therapeutic Massage .......................................... CG, PC
Yoga Instruction .................................................. SC

Family and Consumer Science
Nutrition for Fitness and Wellness ......................... GC, MC

Social Sciences
Addictions and Substance Use Disorders ................ RS
Addictions and Substance Use Disorders Level I ........ RS
Addictions and Substance Use Disorders Level II .... RS
Deaf Studies ..................................................... PC
Interpreter Preparation .......................................... PC
Professional Addictions Counseling ....................... RS

Mortuary Science
Mortuary Science ................................................ MC

INFORMATION TECHNOLOGY

Computer Science
Advanced Computer Usage and Applications .......... RS
Advanced Web Designer ......................................... MC
Computer Applications Technology ....................... EM
Computer Applications: Microsoft Office Specialist/Advanced ......................................... MC
Computer Applications: Microsoft Office Specialist/Basic ......................................... MC

Computer Hardware and Desktop Support ........ CG, EM, SC
Computer Hardware and Network Support ........ SC

Computer Information Systems ........................ CG, GC, GW, PC, PV, SC, SM
Computer Information Technology ....................... PV
Computer Networking Technology ......................... PV
Computer Programming ....................................... MC
Computer Systems Maintenance ......................... PV
Computer Technology .......................................... RS
Computer Usage and Applications ......................... RS
Database Development ..................... SC
Desktop Publishing ....................... EM
**Engineering Technology** .............. CG, GC
Game Technology ........................... GW, MC
Geographic Information Systems .......... MC
Information Security ....................... GC
Information Security Administration ...... GC
Information Security Technology .......... GC
Information Security Wireless Networks  . GC
**Information Technology** ............... CG
Information Technology: Cisco Networking . SM
Information Technology: Computer Applications Specialist .................. SM
Information Technology: Network Server .................. SM
Information Technology: Network Security .................. SM
Information Technology: Programming and Systems Analysis .................. SM
Information Technology: Web and Graphic Design .................. SM
Information Technology Support .......... SM
**Linux Associate** ........................ CG, EM, GC, MC
Linux Networking Administration ........ EM, GC, MC
**Linux Professional** .................... CG, EM, GC, MC, PV
Microcomputer Applications ............. GC
(See Office Occupations section for additional programs and related areas)
**Microcomputer Applications: Office Specialist/Core Level** ............... CG
(See Office Occupations section for additional programs and related areas)
**Microcomputer Applications: Office Specialist/Expert Level** ............... CG
(See Office Occupations section for additional programs and related areas)
**Microcomputer Business Applications** .... CG, GC
(See Office Occupations section for additional programs and related areas)
Microsoft Applications Development .... MC, PV
**Microsoft Desktop Support Technology** .......... CG, EM, GC, MC, PV
Microsoft Networking Technology .......... EM, GC, GW, PV
**Microsoft Product Specialist** .......... CG, EM, GC, GW, PV, SC
Microsoft Systems Administration ....... EM, GC, PV
Microsoft Systems Engineer ............... EM, GC, GW, PV
Multimedia and Business Technology ..... MC
Network Administration ..................... SC
Network Administration: CISCO Network Associate ........................ MC
Network Administration: CISCO Microsoft Product Specialist ............... CG, EM, GC, GW, PV, SC
Network Administration..................... SC
Network Administration: CISCO Networking: Design and System Support . RS
**Network Administration:** Microsoft Windows Server ....................... CG, EM, GW, MC
Network Administration: Design and System Support .................. RS
**Networking Administration:**
Cisco .................................. CG, EM, GC, GW, MC, SM
Networking System Administration ........ MC
**Networking Technology:**
Cisco .................................. CG, EM, GC, GW
Oracle Database Administration ........... EM
**Oracle Database Operations** ............ CG
Personal Computer Applications ........... SC
Programming ............................. RS
**Programming and System Analysis** .... CG, EM, GC, MC, PC, PV, SC, SM
Software Development ..................... SC
Web Design ............................. GC, EM, PC, PV, RS
Web Designer ............................. MC
Web Design: User Interface ................ RS
Web Developer ............................. EM, GC, GW, MC, PC, PV
Web Development ......................... SC
Web Server Administrator ................. MC
Web Technologies ......................... SC
Web Technology ......................... MC
**Media Technology**
Animation ................................ GC
Broadcast Production ..................... SC
Comic and Sequential Art ................ PC
Digital Arts ............................. MC
Digital Design ............................ RS
Digital Photography ...................... PC
Digital Arts: Digital Illustration .......... MC
Digital Arts: Digital Photography ......... MC
Digital Arts: Graphic Design ............. MC
Digital Arts: Web Design ................. MC
Editing ................................ SC
eLearning Design Specialist ............... RS
Film Analysis and Criticism ............... SC
Film Production .......................... SC
Game Technology ........................ MC, GW
Graphic Design .......................... GC
**Media Arts: Computer Art/ Illustration** .............. CG, PC
Media Arts: Digital Animation ............. PC
**Media Arts: Digital Imaging** ............. CG, PC
Media Arts: Web Design ..................... PC
Motion Picture/Television Production .... SC
Multimedia ................................ GC
Multimedia Technology .................... MC
Screenwriting ............................. SC
Technical Theatre ........................ MC, PC, PV, SC
Video Production Technology ............. GC
Web Publishing Design: Foundation ........ GC
Web Publishing Design: Design and Authoring GC
### MANUFACTURING

**Drafting Technology**
- Basic CAD .................................. GC
- CAD-BIM Technology .................. PC
- CAD/CAM/CNC I ........................ MC
- CAD/CAM/CNC II ..................... MC
- CAD Application ....................... GC
- CAD Technology ....................... GC
- Commercial Drafting CADD Level II .... MC
- Computer Aided Design and Drafting  
  - CADD Level I .......................... MC
- Computer Aided Drafting .......... MC
- Electro/Mechanical Drafting .... MC
- Electromechanical Manufacturing Technology . MC
- Industrial Design Technology ........ GW
- Industrial Design Technology: Design
  - Specialist: SolidWorks ............. GW
  - Machining I ............................ MC
  - Machining II .......................... MC
- Machining and Product Development 
  - Technology .......................... MC
- Manufacturing Engineering Technology . MC
- Manufacturing Management ........ MC
- Manufacturing Productivity: CNC CAD/
  - CAM Programming .................... GW
- Manufacturing Productivity: Conventional 
  - Machines Level I ..................... GW
- Manufacturing Productivity: Conventional 
  - Machines Level II .................... GW
- Manufacturing Productivity: Engineering 
  - Graphics ............................. GW
- Manufacturing Productivity: Process 
  - Improvement ........................ GW
- Manufacturing Productivity: Team Leadership . GW
- Manufacturing Welding ................ MC
- Mechanical Drafting .................. MC
- Micro Circuit Mask Design ........ MC
- Microcomputer Servicing .......... GC
- Production Technology ............. GW
- Production Technology: CNC Technology . GW
- Production Technology: Quality Assurance . GW
- Public Works Leadership .......... EM
- Truck Trailer Driving ................. GC

**Electronics/Electrical Technology**
- Automation Technology .............. EM, GW, MC
- Automation Technology Level I .... EM, GW, MC
- Automation Technology Level II ...... GW
- Automation Technology Level III ...... GW
- Computer and Networking Technology . GC
- Electric Utility Technology .......... CG
- Electric Utility Design Technology .... CG
- Electrical Technology ................ GW
- Electromechanical Automation Technology . MC
- Electronics Engineering Technology .... MC
- Electronics Manufacturing Technology . GC
- Electronics Technology .............. MC
- Meter Technology ..................... CG
- Network Maintenance .................. GC
- Telecommunications Technology .... SM
- Workforce Development: Electrical Level I .... RS
- Workforce Development: Electrical Level II .... RS

**Engineering**
- Civil Engineering Technology ........ PC
- Surveying Technology ................. PC

**Welding Technology**
- Welding ................................. MC

*(See Manufacturing section for additional programs and related areas)*

### MARKETING, SALES, AND SERVICE

**Marketing**
- Marketing ............................... MC, PC, SC
- Marketing I ............................. PC
- Marketing II ............................ PC
- Salesmanship ............................ MC

### LAW, PUBLIC SAFETY, CORRECTIONS, AND SECURITY

**Administration of Justice**
- Administration of Justice .............. EM, GC, PC, PV
- Administration of Justice-Comprehensive .... PC
- Administration of Justice-Fundamentals .... PC

**Administration of Justice Studies** . CG, MC, SC
- Advanced Corrections ................... RS
- Basic Corrections ....................... RS
- Corrections ............................. RS
- Crime and Accident Scene Photography .... PC, SC

**Crime and Intelligence Analysis** . CG
- Crime Scene Investigation .............. PC, SC
- Crime Scene Technology ............... PC, SC
- Detention Services ...................... RS
- Evidence Technology ................... EM, PC
- Fingerprint Classification and Identification . PC, SC
- Forensic Investigation .................. MC

**Forensic Science** . CG
- Forensic Technology .................... PC
- Forensic Science: Crime Lab ............ SC
- Global Citizenship ........................ MC

**Homeland Security** .................. CG
- Information Security Forensics ........ GC
- Judicial Studies ....................... MC
- Justice and Government Agency 
  - Administration Level I ............... MC
Justice and Government Agency
  Administration Level II ......................... MC
Justice and Government Agency
  Administration ................................. MC
Justice Studies ............................... CG, MC, SC
Law Enforcement Field Training ................. RS
Law Enforcement Investigator ................... GC
Law Enforcement Technology .................... RS
Law Enforcement ............................... SC
Law Enforcement Training Academy .............. CG, GC
  Legal Studies ................................. MC
  Paralegal ................................. RS
  Police Academy Preparation Level I ........... SC
  Police Science ................................. MC, SC
  Police Supervision ........................... GC
  Public Safety Technology ..................... RS
  Victimology ................................. MC

Emergency Medical Technology
Advanced Emergency Medical Technology
  (Paramedic) ................................. GC, MC, PC, PV, SC
Basic Emergency Medical
  Technology ................................. GC, MC, PC, PV, SC
Community Emergency Response
  Team (CERT): Level I ......................... PC
  Emergency Communications and Deployment .. PC
  Intermediate Emergency Medical
  Technology ................................. PC
(See Allied Health section for additional programs and related areas)

Fire Science
Driver Operator ........................ CG, GC, EM, MC, PC, PV, SC
  Emergency Management ........................ GC, MC, PV, SM
Emergency Response and Operations ........... CG, EM, GC, MC, PC, PV, SC
  Fire Academy ................................ GC, SC
  Fire Officer ................................. CG, EM, GC, MC, PC, PV, SC
  Fire Science ................................. CG, EM, GC, MC, PC, PV, RS
  Fire Science Technology ..................... EM, GC, PV, SC
Firefighter Operations ........................ CG, EM GC, MC, PC, PV, SC
  Hazardous Materials Response ................. PC

SCIENCE, TECHNOLOGY, ENGINEERING
AND MATHEMATICS

AGEC-S

TRANSPORTATION, DISTRIBUTION, AND
LOGISTICS

Automotive Technology
Air Conditioning and Electrical Accessories ... GW
Air Conditioning ................................. MC
Automotive Chassis .............................. GC
Automotive Drive Trains ........................ GW
Automotive Electrical Systems .................. MC
Automotive Engines and Drive Trains .......... GC
Automotive Engine Performance Diagnosis &
  Air Conditioning ............................... GC
  Automotive Performance Technology .......... MC
  Automotive Suspension, Steering and Brakes .. GW
  Automotive Technology ........................ GC, GW
  Brakes, Alignment, Suspension and Steering .. MC
  Caterpillar Technician Training ............... MC
  Engine Performance and Diagnosis .............. GW, MC
  Transmissions and Power Trains ............... MC
  Workforce Development: Automotive
    Technology Level I .......................... RS
  Workforce Development: Automotive
    Technology Level II ......................... RS

(See Allied Health section for additional programs and related areas)
The Maricopa Skill Center (MSC), a division of GateWay Community College, offers entry-level courses and programs for hands-on job training at 1245 E. Buckeye Road, Phoenix. The more than 200 courses and 60 non-credit programs at Maricopa Skill Center certificates are open-entry / open-exit, and self-paced. Several of our programs hold credit articulation agreements with ASU and Gateway Community College and most programs culminate in leading industry certifications.

**Accounting**
- Accounting Associate Certificate Program
- Accounting Clerk Certificate Program
- Accounts Payable Clerk Certificate Program
- Accounts Receivable/Payable Clerk Certificate Program
- Payroll Clerk Certificate Program
- Small Business Accounting Course Bundle

**Administrative Assistant**
- Administrative Assistant Certificate Program
- Administrative Clerk Certificate Program

**Computer Aided Drafting**
- AutoCAD Draftsmen 2-D Technician Certificate Program
- AutoCAD Draftsmen 2-D, 3-D, & Solids Technician Certificate Program

**Computer Repair & Networking**
- Computer Support Specialist Certificate Program

**Cosmetology**
- Aesthetician Certificate Program
- Cosmetologist Certificate Program
- Nail Technician Certificate Program

**Customer Service**
- Call Center Operator Certificate Program
- Customer Service Specialist Certificate Program

**Information Processor & Data Entry**
- Data Entry Operator Certificate Program
- Information Processor Specialist Certificate Program
- Legal Administrative Assistant

**Printing**
- Digital Press Operator Certificate Program
- Offset Press Operator Certificate Program

**Soldering**
- IPC Certified Soldering

**Travel & Tourism**
- Reservations & Hospitality Representative Certificate Program
- Travel & Tourism Specialist Certificate Program

**Medical Assistant**
- Medical Administrative Assistant Certificate Program
- Medical Assistant Front & Back Office Certificate Program
- Medical Biller/Coder Certificate Program

**Nursing**
- Practical Nursing Certificate Program

**Auto Body**
- Auto Body Basic Metal Repair & Refinishing Certificate Program
- Auto Body Basic Metal Repair Certificate Program
- Auto Body Basic Refinishing Certificate Program

**Automation Technology**
- Automation Technology Certificate Program

**Construction Trades**
- Construction Trades with Introduction to HVAC Certificate Program
- Construction Trades Worker I Certificate Program
- Construction Trades Worker II Certificate Program
- Maintenance Carpenter Worker Certificate Program
- Maintenance Electrician Worker Certificate Program
- Maintenance Electrician Worker with Introduction to HVAC Certificate Program

**Construction Trades**
- Maintenance Plumbing Worker Certificate Program

**Culinary Arts**
- Baker Certificate Program
- Cook Certificate Program

**Industrial Spray Painter**
- Industrial Spray Painter Certificate Program
Machine Trades
CNC Machinist Certificate Program
Machinist's Assistant Certificate Program
Manual Machinist Certificate Program

Meat Cutter
Apprentice Meat Cutter Certificate Program
Meat & Deli Counterperson Certificate Program
Meat Department Helper Certificate Program
Meat Room Cleanup Certificate Program
Portion Control Cutter Certificate Program
Self-service Meat Wrapper Certificate Program

Online/Hybrid Delivery Programs
Automation Technology Certificate Program

Welding
Arc Welder Certificate Program
Combination Welder - 2 Process Certificate Program
Combination Welder - 3 Process Certificate Program
Combination Welder - 3 Process with Intro to Pipe Welding Certificate Program
Combination Welder - 4 Process Certificate Program
Flux Core Welder Certificate Program
MIG Welder Certificate Program
TIG Welder/TIG Fingertip Welder Certificate Program

SOUTH WEST SKILL CENTER AT EMCC CERTIFICATES
The South West Skill Center at Estrella Mountain Community College, located at 3000 North Dysart Rd, Avondale, offers entry-level courses and programs for hands-on job training. Our programs are listed below and reference any certificate issued by that program.

Distribution Logistics Technician Program
Certified Distribution Logistics Technician (2/2008)

Emergency Medical Technology Program
Emergency Medical Technician (1/2008)

Medical Assistant Program (Certificate Programs)
Medical Assistant Front/Back Office
Medical Assistant Front Office
Medical Assistant Back Office
Medical Billing & Coding
Phlebotomy (beginning 7/1/2006)

Nursing Programs (Certificate Programs)
Nurse Assistant Program
Practical Nurse Program