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.

Graduate Guarantee Policy

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

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

2. Because technical occupations change rapidly, initial employment in an AAS Degree-related field must occur within one year of graduation from the AAS Degree program in question.

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

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

MCCCD General Education Statement

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

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

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

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

- Communication
- Arts and Humanities
- Numeracy
- Scientific Inquiry in the Natural and Social Sciences
- Information Literacy
- Problem-Solving and Critical Thinking
- Cultural Diversity
General Education Designations
(example: [FYC], [SB], [HU], etc.)

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

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

Catalog Under Which A Student Graduates (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 (Inactive)
   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: University Department Time Limit for Transfer Coursework

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

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

For the most current information regarding degree requirements log onto www.maricopa.edu/academic/ccta.
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] 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 issues 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 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/](http://www.maricopa.edu/academic/ccta/)

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.

**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: Select a course that satisfies L and SB (Social and Behavioral Sciences) OR L and HU (Humanities and Fine Arts) requirements simultaneously (0-3).


  To complete the Mathematical Studies requirement for AGEC-A and AGEC-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.

For the most current information regarding degree requirements log onto [www.maricopa.edu/academic/ccta/](http://www.maricopa.edu/academic/ccta/).
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 AGEC-B: Students are encouraged to choose courses from more than one
discipline for a total of six semester credits.
   AGEC-S: Select a course that satisfies both L and SB or L and HU requirements simulta-
   neously.

5. Social and Behavioral Sciences [SB] .................................6
   AGEC-A and AGEC-B: Students are encouraged to choose courses from more than one
discipline for a total of six semester credits.
   AGEC-S: Select a course that satisfies both L and SB (Social and Behavioral Sciences) or L
   and HU (Humanities and Fine Arts) requirements simultaneously.

6. Natural Sciences [SQ/SG] ................................................8
   To complete the Natural Sciences requirement:
   AGEC-A and AGEC-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
   [SQ]. 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 either university chemistry or eight (8) semester credits of university
   physics or eight (8) semester credits of general biology appropriate to the major.
   The lecture course(s) selected for Natural Sciences must include or be accompanied by the
   corresponding laboratory course. The lecture and corresponding laboratory course(s) may
   carry separate credit. Students should consult with an advisor for appropriate course selec-
   tion. 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 pre-requisite 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.

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

Students must satisfy two Awareness Areas: Cultural Diversity in the United States [C] and either Global Awareness [G] or Historical Awareness [H]. However, it is not necessary for students to exceed thirty-five 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.

For the most current information regarding degree requirements log onto www.maricopa.edu/academic/ccta.
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.
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)
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
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
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: MAT150, MAT151, MAT152, MAT156 and MAT157 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

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

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.

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

      **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

**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].

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

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

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 – 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.

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. 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
- 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
### Part III: Restricted Electives

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:

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>DAH+++++</td>
<td>Any DAH prefixed course EXCEPT DAH100 or DAH201 if selected to satisfy the AGEC-A Humanities and Fine Arts Area.</td>
<td></td>
</tr>
<tr>
<td>DAN115++</td>
<td>Contemporary Dance Trends (any module)</td>
<td>1</td>
</tr>
<tr>
<td>DAN120++</td>
<td>World Dance (any module)</td>
<td>1</td>
</tr>
<tr>
<td>DAN125++</td>
<td>Social Dance (any module)</td>
<td>1</td>
</tr>
<tr>
<td>DAN129</td>
<td>Musical Theatre Dance I</td>
<td>1</td>
</tr>
<tr>
<td>DAN130</td>
<td>Musical Theatre Dance II</td>
<td>1</td>
</tr>
<tr>
<td>DAN133</td>
<td>Modern Jazz Dance I</td>
<td>1</td>
</tr>
<tr>
<td>DAN136</td>
<td>Modern Jazz Dance II</td>
<td>1</td>
</tr>
<tr>
<td>DAN140</td>
<td>Tap Dance I</td>
<td>1</td>
</tr>
<tr>
<td>DAN141</td>
<td>Dance Workshop</td>
<td>1</td>
</tr>
<tr>
<td>DAN145</td>
<td>Tap Dance II</td>
<td>1</td>
</tr>
<tr>
<td>DAN146</td>
<td>Tap Dance Ensemble</td>
<td>1</td>
</tr>
<tr>
<td>DAN150</td>
<td>Dance Performance I</td>
<td>1</td>
</tr>
<tr>
<td>DAN164</td>
<td>Improvisation</td>
<td>1</td>
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<tr>
<td>DAN230</td>
<td>Musical Theatre Dance IV</td>
<td>1</td>
</tr>
<tr>
<td>DAN231</td>
<td>Ballet III</td>
<td>1</td>
</tr>
<tr>
<td>DAN231AA</td>
<td>Ballet III: Intensive</td>
<td>2</td>
</tr>
<tr>
<td>DAN232</td>
<td>Modern Dance III</td>
<td>1</td>
</tr>
<tr>
<td>DAN233</td>
<td>Modern Jazz Dance III</td>
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<tr>
<td>DAN234</td>
<td>Ballet IV</td>
<td>1</td>
</tr>
<tr>
<td>DAN234AA</td>
<td>Ballet IV: Intensive</td>
<td>2</td>
</tr>
<tr>
<td>DAN235</td>
<td>Modern Dance IV</td>
<td>1</td>
</tr>
<tr>
<td>DAN236</td>
<td>Modern Jazz Dance IV</td>
<td>1</td>
</tr>
<tr>
<td>DAN237</td>
<td>Ballet Pointe I</td>
<td>1</td>
</tr>
<tr>
<td>DAN290++</td>
<td>Dance Conservatory I</td>
<td></td>
</tr>
<tr>
<td>DAN291++</td>
<td>Dance Conservatory II</td>
<td></td>
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<tr>
<td>DAN292++</td>
<td>Dance Conservatory III</td>
<td></td>
</tr>
<tr>
<td>*DAN298++</td>
<td>Special Projects</td>
<td></td>
</tr>
</tbody>
</table>

*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 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/curric.
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/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. 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   3
- THE206 Arts .......................... 3
- HUM210/ Contemporary .................. 3
- 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
- THP215 Beginning Stage Lighting ....... 3
- THP216 Beginning Stage Lighting ....... 3
- THP217 Introduction to Design 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**

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

For the most current information regarding degree requirements log onto www.maricopa.edu/academic/ccta.
to the major);

- Effective Fall 2000, the course evaluation and/or general education designation as listed in the Arizona Course Equivalency Guide (CEG) within the Arizona Course Applicability System (AZCAS), is valid for the term in which the student is awarded credit on the transcript. A course evaluation and/or general education designation may be subject to change. Students do have the option to petition for general education evaluations and/or general education designations upon transfer;

- Courses completed at one of the Maricopa Community Colleges to meet AGEC-S requirements must be listed in the Course Equivalency Guide within the Arizona Course Applicability System as an equivalent course, departmental elective credit (XXXXDEC), or general elective credit (Elective) at all Arizona public universities. The course's evaluation and/or general education designation is valid for the term in which the student is awarded credit on the transcript. See the list titled 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

   Select 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) requirements simultaneously.
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.

f. 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.
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 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 Science degree.

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

**Associate in Science Total Credits** ........................................ 60-64
Associate in Business, General Requirements (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. MCCCD 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 MCCCD 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)

- 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.

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

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

For the most current information regarding degree requirements log onto www.maricopa.edu/academic/ccta.
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 simultaneously. Therefore, no additional semester credits are required to satisfy the two Awareness Areas.

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

II. Common Lower Division Program Requirements: ................................. 27-28

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

Complete the following Accounting:

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

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:

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

**If course used to satisfy Common Lower Division Program Requirements, it can not be used to satisfy Business Electives.

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. MCCCD 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 web site: 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 MCCCD 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).

- 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

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

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 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 Busines, Special Requirements Total Credits** ................................. 62-63

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

Purpose of the Degree

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

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

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

Exemption From Arizona University Admission Requirements

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

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

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

For the most current information regarding degree requirements log onto www.maricopa.edu/academic/ccta.
ELEMENTS OF THE ASSOCIATE IN TRANSFER PARTNERSHIP (ATP) DEGREE

<table>
<thead>
<tr>
<th>Element</th>
<th>Credits</th>
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<tbody>
<tr>
<td>MCCCD General Education Core</td>
<td>19</td>
</tr>
<tr>
<td>Approved Lower Division Transfer Courses</td>
<td>Variable</td>
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<tr>
<td>(Major dependent with maximum to be determined by receiving baccalaureate degree-granting institution)</td>
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</tr>
<tr>
<td>Associate in Transfer Partnership Degree Total Hours</td>
<td>60 minimum</td>
</tr>
</tbody>
</table>

The Associate in Transfer Partnership (ATP) degrees may not be available at all the MCCD Colleges.

Associate in Transfer Partnership degrees are available in the following areas. Other ATP degrees may be added later depending on curricular needs. ATP information may be accessed via the following website: www.maricopa.edu/academic/ccta/atp.php.

Early Childhood Teacher Education
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;
- Provides for exemption from Arizona university admission requirements for students who complete the Associate in General Studies degree from a regionally accredited post-secondary institution with a minimum 2.0 on a 4.0=A scale for Arizona residents and a minimum 2.5 on a 4.0=A scale for non-residents.

Degree Requirements

GENERAL EDUCATION CORE (16 credits – grade of “C” or better)
- **First-Year Composition (6 credits)**
  ENG English [101/107] & [102/108]
- **Oral Communication (3 credits)**
  COM Communication 100/100AA&100AB&100AC/110/110AA&110AB&110AC/225/230
- **Critical Reading (3 credits)**
  CRE Critical Reading 101/Equivalent as indicated by assessment.
- **Mathematics (3 credits)**
  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 131/241/243/245/
  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
  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

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

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

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
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<tbody>
<tr>
<td>AJS</td>
<td>Administration of Justice Studies 123</td>
</tr>
<tr>
<td>ARH</td>
<td>Art Humanities Any ARH Course(s)</td>
</tr>
<tr>
<td>ASB</td>
<td>Anthropology 211/220/222/223</td>
</tr>
<tr>
<td>CCS</td>
<td>Chicana and Chicano Studies 101</td>
</tr>
<tr>
<td>CNS</td>
<td>Construction 101</td>
</tr>
<tr>
<td>COM</td>
<td>Communication 241</td>
</tr>
<tr>
<td>DAH</td>
<td>Dance Humanities 100/201</td>
</tr>
<tr>
<td>EDU</td>
<td>Education 292/294</td>
</tr>
<tr>
<td>ENG</td>
<td>English 200/213/218</td>
</tr>
<tr>
<td>ENH</td>
<td>English Humanities Any ENH Course(s) (Except 114/250)</td>
</tr>
<tr>
<td>FRE</td>
<td>French 265</td>
</tr>
<tr>
<td>HCR</td>
<td>Health Care Related 210</td>
</tr>
<tr>
<td>HUM</td>
<td>Humanities Any HUM course(s)/HUM108* (EXCEPT 120/203/207)</td>
</tr>
<tr>
<td>INT</td>
<td>Interior Design 105/115/120/225</td>
</tr>
<tr>
<td>LAT</td>
<td>Latin 201/202</td>
</tr>
<tr>
<td>MHL</td>
<td>Music: History/Literature 140/143/145/146/153/155</td>
</tr>
<tr>
<td>PHI</td>
<td>Philosophy Any PHI Course(s) (EXCEPT 113)</td>
</tr>
<tr>
<td>REL</td>
<td>Religious Studies Any REL Course(s) (EXCEPT 271)</td>
</tr>
<tr>
<td>SLC</td>
<td>Studies in Language &amp; Culture 201</td>
</tr>
<tr>
<td>SPA</td>
<td>Spanish 241/242/265/266</td>
</tr>
<tr>
<td>SPH</td>
<td>Spanish Humanities 245</td>
</tr>
<tr>
<td>STO</td>
<td>Storytelling 292/294</td>
</tr>
<tr>
<td>SWU</td>
<td>Social Work 102/171/258/292</td>
</tr>
<tr>
<td>THE</td>
<td>Theater 111/205/206/210/260</td>
</tr>
<tr>
<td>THP</td>
<td>Theater Performance/Production 241</td>
</tr>
<tr>
<td>WST</td>
<td>Women's Studies 209/284/285/290</td>
</tr>
</tbody>
</table>

- **Social and Behavioral Sciences (9 credits)**

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

<table>
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<tbody>
<tr>
<td>AFR</td>
<td>African American Studies 202/203/204</td>
</tr>
<tr>
<td>AIS</td>
<td>American Indian Studies 101/140/141/160</td>
</tr>
<tr>
<td>AJS</td>
<td>Administration of Justice Studies 101/119/162/200/225/258/259/270</td>
</tr>
<tr>
<td>ASB</td>
<td>Anthropology 102/202/211/214/222/223/230/235/238/245/252</td>
</tr>
<tr>
<td>ASM</td>
<td>Anthropology 104/275</td>
</tr>
<tr>
<td>CFS</td>
<td>Child/Family Studies 157/159/176/205/235/259</td>
</tr>
<tr>
<td>COM</td>
<td>Communication 100/100AA/100AB/100AC/110/110AA/110AB/110AC/163/230/250/263</td>
</tr>
<tr>
<td>ECH</td>
<td>Early Childhood Education 176</td>
</tr>
<tr>
<td>ECN</td>
<td>Economics Any ECN Course(s)</td>
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<tr>
<td>EDU</td>
<td>Education 221/222</td>
</tr>
<tr>
<td>EED</td>
<td>Early Education 205/222</td>
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<tr>
<td>ENG</td>
<td>English 213</td>
</tr>
<tr>
<td>EMT</td>
<td>Emergency Medical Technology 258</td>
</tr>
<tr>
<td>FOR</td>
<td>Forensic Science 275</td>
</tr>
<tr>
<td>FSC</td>
<td>Fire Science 258</td>
</tr>
<tr>
<td>FUS</td>
<td>Future Studies 101</td>
</tr>
<tr>
<td>GCU</td>
<td>Cultural Geography 102/121/122/141/221/223/253</td>
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<tr>
<td>HES</td>
<td>Health Science 100</td>
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<tr>
<td>HIS</td>
<td>History Any HIS Course(s) (EXCEPT 111/135/170/204)</td>
</tr>
<tr>
<td>IBS</td>
<td>International Business 109</td>
</tr>
<tr>
<td>MCO</td>
<td>Mass Communications 120</td>
</tr>
<tr>
<td>POS</td>
<td>Political Science Any POS Course(s)</td>
</tr>
<tr>
<td>REC</td>
<td>Recreation 120</td>
</tr>
</tbody>
</table>
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

- 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 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.
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;
- Provides for exemption from Arizona university admission requirements for students who complete the Associate in Applied Science (AAS) degree from a regionally accredited post-secondary institution with a minimum 2.0 on a 4.0=A scale for Arizona residents and a minimum 2.5 on a 4.0=A scale for non-residents.

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
  CCS  Chicana and Chicano Studies 101
  CNS  Construction 101
  COM  Communication 241
  DAH  Dance Humanities 100/201
  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
  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

For the most current information regarding degree requirements log onto www.maricopa.edu/academic/ccta.
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 205/222
EMT  Emergency Medical Technology 258
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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)
     266/270/277/280/292
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

• Natural Sciences (4 credits)
The lecture course(s) selected for Natural Sciences must include or be accompanied by the corre-
sponding 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
     241/245
CHM  Chemistry 107/107LL/130/130LL/150/150LL/151/151LL/152/152LL/154/154LL/
     230/230LL
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 290AB/290AC

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

For the most current information regarding degree requirements log onto www.maricopa.edu/academic/ccta.
MCCCD Allied Health or Nursing Program

In collaboration and partnership with the health care community and its response to the dynamic changes occurring in the health care arena and health care 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 health care workforce that meets employer and consumer needs. Refer to individual college catalogs for specific health care program pathways. For further information, http://healthcare.maricopa.edu is a comprehensive information source.

Notes:
1. Students are responsible for completing General Education coursework required for their particular Health Care Pathway.
2. All students must successfully demonstrate required reading, writing, and mathematics competencies. Academic remediation is available.
3. It may be possible for some students to meet Health Care Competency requirements for Level I and Level II common competencies through assessment of prior experience and/or education.
4. Completion of Level I and Level II does not guarantee admission into Level III Health Care Pathways.

Chandler Gilbert (CGCC), Estrella Mountain (EMCC), Gateway (GWCC), Glendale (GCC), Mesa (MCC), Phoenix (PC), Paradise Valley (PVCC), Rio Salado (RSC), Scottsdale (SCC), South Mountain (SMCC), and the Maricopa Skill Center (MSC) and the Southwest Skill Center at EMCC (SWSC/EMCC) offer health care courses. Not all courses are offered at all sites. Please contact the specific college for more information regarding the availability of courses and course schedule information.

LEVEL I - Common Competencies -2.0 Credits
ALL Health Care Students must satisfactorily achieve the Level I Common Competencies found in the following courses.

HCC130AA Health Care Today ........... 0.5
HCC130AB Workplace Behavior in Health Care ............... 0.5
HCC130AC Personal Wellness and Safety . . . . 0.5
HCC130AD Communication and Teamwork in Health Care Organizations . . . 0.5

For the most current information regarding degree requirements log onto www.maricopa.edu/academic/ccta.
**LEVEL II - Common Competencies Credits Vary**

ALL Health Care Students must satisfactorily achieve the Level II Common Competencies. See your advisor for which Medical Terminology course satisfies your pathway's course requirements.

- HCC130AE Legal and Ethical Issues in Health Care 0.5
- HCC130AF Decision Making in the Health Care Setting 0.5
- HCC145AA Medical Terminology for Health Care Workers I 1.0
- HCC145AB Medical Terminology for Health Care Workers II 1.0
- HCC145AC Medical Terminology for Health Care Workers III 1.0

**LEVEL II - Shared and Program Competencies Credits Vary**

Required of only certain health occupations program pathways. Refer to specific program pathway curriculum or check with a program advisor. Shared Competencies are shared by several health program pathways. Program Competencies are specific to individual health occupations program pathways.

**Level III - Shared and Program Competencies* Credits Vary**

Shared Competencies are shared by several Health Care Pathways. Program Competencies are specific to individual Health Care Pathways. These are required for certain Health Occupations Program Pathways. Refer to specific Pathway requirements or check with an advisor.

*Certain Health Care Pathways require satisfactory achievement of all Level I and II Common Competencies prior to being admitted and registering for courses in Level III. Admission into Level III Health Care Pathways is based on meeting additional requirements and involves a separate admission process. See your advisor for more information.

**Examples of Level II Health Care Pathways**

- Clinical Research Coordinating (GWCC)
- Community Health Advocate for Diabetes (MCC)
- Dental Assisting (PC, RSC)
- Dental Office Management (PC)
- Diagnostic Medical Ultrasound (GWCC)
- Direct Care Practice (MCC)
- Health Information Technology (PC)
- Health Services Management (GWCC)
- Histology Technician (PC)
- Hospital Central Service (GWCC)
- Laboratory Assisting (PC)
- Medical Assisting (MSC, PC, SWSC/EMCC)
- Medical Billing (PC)
- Medical Coding: Physician or Hospital Based (PC)
- Medical Transcription (GWCC, SWSC/EMCC)
- Nuclear Medicine Technology (GWCC)
- Nurse Assisting (GCC, GWCC, MCC, MSC, PC, PVCC, SCC, SWSC/EMCC)
- Patient Care Technician (PC)
- Perioperative Nursing (GWCC)
- Phlebotomy (PC)
- Surgical Technician First Assistant (GWCC)
- Surgical Technology (GWCC)
- Teaching Healing Meditation and Stress Management (PVCC)
- Therapeutic Massage (CGCC, PC)

**Examples-Level III Health Care Pathways**

- Dental Hygiene (PC, RSC)
- Dental Office Management (PC)
- Diagnostic Medical Ultrasound (GWCC)
- Direct Care Practice (MCC)
- Health Information Technology (PC)
- Health Services Management (GWCC)
- Histology Technician (PC)
- Medical Assisting (MSC, PC, SWSC/EMCC)
- Medical Radiography (GWCC)
- Nuclear Medicine Technology (GWCC)
- Nursing (CGCC, GCC, GWCC, MCC, PC, RSC, SCC)
- Physical Therapist Assisting (GWCC)
- Practical Nursing (GCC, GWCC, MCC, MSC, PC, PVCC, RSC, SCC, SWSC/EMCC)
- Respiratory Care (GWCC)
- Surgical Technology (GWCC)
- Therapeutic Massage (CGCC, PC)

**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 health care 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 Community College District, college of attendance requirements for the completion of the health care 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.

Dietetic Technology
Personal Training
Strength and Conditioning Personal Trainer
Strength, Nutrition and Personal Training

(CDA) Credential, the National Association for Family Child Care (NAFCC) Accreditation, and the Certificate of Completion. (EMCC, GCC, MCC, PVCC, SCC, SMCC).
# 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

### Agribusiness Sales and Service
- Pest Management Aide .................. MC
- Agricultural Production and Management
- Agribusiness .......................... MC
  (See Agribusiness Sales and Service and Horticulture sections for additional programs and related areas)
- Ranch and Livestock Management Aide ..... MC
- Ranch and Livestock Management Specialist . MC
- 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: Construction Management .......................... GW
- Construction Trades: Electricity .................. GW

### College Key

<table>
<thead>
<tr>
<th>Code</th>
<th>College Name</th>
</tr>
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<tbody>
<tr>
<td>CG</td>
<td>Chandler-Gilbert Community College</td>
</tr>
<tr>
<td>EM</td>
<td>Estrella Mountain Community College</td>
</tr>
<tr>
<td>GC</td>
<td>Glendale Community College</td>
</tr>
<tr>
<td>GW</td>
<td>GateWay Community College</td>
</tr>
<tr>
<td>MC</td>
<td>Mesa Community College</td>
</tr>
<tr>
<td>PC</td>
<td>Phoenix Community College</td>
</tr>
<tr>
<td>PV</td>
<td>Paradise Valley Community College</td>
</tr>
<tr>
<td>RS</td>
<td>Rio Salado College</td>
</tr>
<tr>
<td>SC</td>
<td>Scottsdale Community College</td>
</tr>
<tr>
<td>SM</td>
<td>South Mountain Community College</td>
</tr>
<tr>
<td>GW</td>
<td>Construction Trades: Heat and Frost Insulation</td>
</tr>
<tr>
<td>GW</td>
<td>Construction Trades: Ironworking</td>
</tr>
<tr>
<td>GW</td>
<td>Construction Trades – Mechanical Trades: Heat, Ventilating and Air Conditioning</td>
</tr>
<tr>
<td>GW</td>
<td>Construction Trades – Mechanical Trades: Plumbing/Pipefitting</td>
</tr>
<tr>
<td>GW</td>
<td>Construction Trades – Mechanical Trades: Sheet Metal</td>
</tr>
<tr>
<td>GW</td>
<td>Construction Trades: Mechanical Trades - Form Carpentry</td>
</tr>
<tr>
<td>GW</td>
<td>Construction Trades: Millwright</td>
</tr>
<tr>
<td>GW</td>
<td>Construction Trades: Painting and Drywalling</td>
</tr>
<tr>
<td>GW</td>
<td>Construction Trades: Pipe Trades – Pipefitter-Refrigeration</td>
</tr>
<tr>
<td>GW</td>
<td>Construction Trades: Pipe Trades – Plumbing</td>
</tr>
<tr>
<td>GW</td>
<td>Construction Trades: Pipe Trades – Steamfitting</td>
</tr>
<tr>
<td>GW</td>
<td>Construction Trades: Plastering and Cement Masonry</td>
</tr>
<tr>
<td>GW</td>
<td>Construction Trades: Roofing</td>
</tr>
<tr>
<td>GW</td>
<td>Construction Trades: Sheet Metal</td>
</tr>
<tr>
<td>GW</td>
<td>Heavy Equipment Operations</td>
</tr>
<tr>
<td>GW</td>
<td>Power Plant Technology</td>
</tr>
<tr>
<td>EM</td>
<td>Building and Construction</td>
</tr>
<tr>
<td>MC</td>
<td>Architectural CADD Level III</td>
</tr>
<tr>
<td>MC</td>
<td>Architectural Detailing CADD Level III</td>
</tr>
<tr>
<td>PC</td>
<td>Architectural CAD Technology</td>
</tr>
<tr>
<td>SC</td>
<td>Architectural Technology</td>
</tr>
<tr>
<td>EM</td>
<td>Building Inspection</td>
</tr>
<tr>
<td>MC</td>
<td>Building Safety and Construction Technology</td>
</tr>
<tr>
<td>SC</td>
<td>Building Safety Technology</td>
</tr>
<tr>
<td>GW</td>
<td>Carpenterly</td>
</tr>
<tr>
<td>GW</td>
<td>Civil Engineering Technology</td>
</tr>
<tr>
<td>MC</td>
<td>Construction</td>
</tr>
<tr>
<td>MC</td>
<td>Construction Drafting CADD Level III</td>
</tr>
<tr>
<td>GW</td>
<td>Construction Trades: Carpentry</td>
</tr>
</tbody>
</table>

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.
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 ................................ PC
Fashion Design ................................ PC
Fashion Design Level I ..................... PC
Fashion Design Level II ................. PC
Fashion Illustration ......................... PC
Interior Merchandising ..................... GC, MC, PC
Interior Design ............................... MC, PC, SC
Interior Design: Advanced .............. MC
Interior Design: Professional Level .... SC
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
Computer Graphic Design ................. PC
(See Media Technology section for additional programs and related areas)
Animation and Web Publishing Design . GC
Graphic Design: Visual Communication . SC
Journalism ..................................... GC, MC, PC, 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 .......................... CG, GC, GW, PC, RS, SM
Accounting – Specialized Para-Professional . PV
Bookkeeping ................................ SC
Microcomputer Accounting .............. PV
Software Quality Assurance ............ MC
(See Business Administration for additional programs and related areas)
Accounting Paraprofessional .......... GC

Business Administration
Business ................................ MC, SC
Business (Fastrack) ....................... SC
General Business ........................ CG, GC, MC, PC, RS, SCC, SMC
(See Management and Finance section for additional programs and related areas)
Import/Export Trade ...................... PV
International Business ................. PV
International Trade ................ MCC
Management

Business Management .................... SM
General Business Specialized ........... PVC
Human Resources Management .......... PC
Management ............................. PC, MC, SC
Management I .......................... PC
Management II ........................... PC
Middle Management ..................... PC, MC, SM
Military Leadership ..................... RS
Project Management ..................... MC
Public Relations ........................ GC
(See Middle Management section for additional programs and related areas)

Retail Management ..................... CG, GC, GW, EM, MC, PC, PV, RS, SM
Retail Management and Marketing .... SC
Retail Sales Manager .......................... MC
Small Business .......................... GC, SM
Small Business Entrepreneurship .......... GC, SM
Small Business Management ............. EM, SC
Supervision ............................. GC
Supervision and Management I .......... SM
Supervision and Management II ......... SM

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
Office Automation Systems ........ SC, SM
Office Coordinator ........................ GC
Office Technology ........................ GW
Paralegal Studies ........................ PC
Realtime Reporting-Advanced Placement .... CART ........ GW
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
System Analysis for Practice Management .... GW

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:
  Account Services ........................ RS
  Broadband Telecommunications .......... RS
  Field Operations ......................... RS
  Broadband Telecommunications ............... RS
  Technical Support Services ............... RS
  Credit Counseling: Customer Service .... RS
  Customer Service Management .......... EM
  Human Services-Assistant: Customer Service . RS
  Human Services-Long Term Care:
    Customer Service ........................ RS
    Human Services-Specialist: Customer Service . RS
    Insurance Claims and Losses: Customer Service . RS
    Motor Vehicle: Customer Service .... RS

Organizational Leadership ............... CG, EM, GW, MC, PV, RS
Organizational Management .............. CG, EM, GW, MC, PV, RS

Pharmacy: Customer Service ................. SM
Quality Customer Service .................. GW
Quality Customer Service ................. 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
Curriculum for Young Children ........ PC
Early Care and Education ................. MC
Early Care Specialist .......................... MC
Early Childhood Education and Administration ........ PC
Early Childhood Classroom Management .......... PC
Early Childhood Development ............. SM, RS
Early Childhood Education ............... PV, GC, RS
Early Childhood Administration and Management ........ GC, MCC, RSC, SM

Workforce Development

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

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

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 .... 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 Technologies ...................... 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: Prenotice .................... 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 Advocate, Diabetes .... MC
Developmental Disabilities Specialist .... GC
Diagnostic Medical Sonography ......... GW
Electroneurodiagnostics ................. GW
Health Information ....................... PC
Health Information Technology ........... PC
Health Services Management with
Clinical Research Track .................. GW
Health Unit Coordinating ................ GW
Histologic Technology .................... PC
Hospital Central Service Technology .... GW
Laboratory Assisting ..................... PC
Computed Tomography ................... GW
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
Nuclear Medicine Technology .......... GW
Patient Care Technician .................. PC
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, 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
Paramedicine ............................. MC
Secondary Basic Emergency Medical
Technology ............................... PC
Dental
Clinical Dental Assisting ................... RS
Community Dental Health Coordination .... RS
Dental Assisting ................................ PC
Dental Hygiene ............................. PC, RS, MC
Dental Office Management ................. PC

Nursing
Fast Track Practical Nursing ............... GW
Nursing ................................. CG, EM, GC, GW, MC, PC, PV, SC, RS
Nurse Assisting ................................. CG, GC, GW, MC, PC, PV, SC, RS
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 ............... PC, 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, 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
Chemical Dependency Level I .............. RS
Chemical Dependency Level II .............. RS
Chemical Dependency ....................... RS
Clinical Research Coordinating .......... GW
Deaf Studies ................................ GC, MC, 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, MC, SC
Computer Hardware and Network Support .......... SC

Computer Information Systems ................ CG, GC, PC, 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 ........................... SC
Engineering Technology ........................ CG, GC
Game Technology .................................. GW, MC
Geographic Information Systems ............. MC
Help Desk Specialist .......................... GC
Information Assurance ........................ MC
Information Security .......................... EM, GC
Information Security Administration ......... EM, GC
Information Security Technology ............. EM, GC
Information Security Wireless Networks .......... EM, GC
Information Technology ........................ CG
Information Technology: Cisco Networking Professional ............................ 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 Database Administration ............ CG
Microsoft Desktop Support Technology .............. EM, GC, MC, PV
Microsoft Networking Technology ................ EM, GC, GW, PV

Microsoft Product Specialist ......................... CG, EM, GC, GW, PV, SC
Microsoft Applications Development ........ MC, PV
Microsoft Systems Administration ........ EM, GC, PV
Microsoft Systems Engineer .................... EM, GC, GW, PV
Multimedia and Business Technology .......... MC
Network Administration ........................ SC
Network Administration: CISCO ................... SC
Network Associate ............................. MC
Network Administration: CISCO Networking Professional ...................... MC
Network Administration: Microsoft Windows NT .................................. MC

Network Administration: Microsoft Windows . MC
Network Administration: Novell .......................... MC
Network Administration: UNIX-Solaris ........... MC
Network Security ................................ MC
Networking ...................................... RS

Networking Administration:
Cisco .................................. CG, EM, GC, GW, 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, PV, EMCC, PC, SC, RS
Web Designer .................................. MC
Web Developer ................................ GC, GW, MC, PC, PV, EM
Web Development ............................ SC
Web Server Administrator ..................... MC
Web Technology ............................ MC

Media Technology
Animation ........................................ GC
Comic and Sequential Art ......................... PC
Digital Arts .................................... MC
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 ................................ GW, RS

Media Arts: Computer Art/Illustration ........ CG, PC
Media Arts: Desktop Publishing .................. 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, PVC, 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 ........ GWM
- 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 ...................... MC
- 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

### Emergency Medical Technology
- Advanced Emergency Medical Technology (Paramedic) ............ GC, PC, PV, SC, MC
- 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

(See Allied Health section for additional programs and related areas)

### Administration of Justice
- Administration of Justice ....................... EM, GC, PC, PV
- Administration of Justice-Comprehensive ................ PC
- Administration of Justice-Fundamentals ............... PC
- Advanced Corrections ................................ RS
- Basic Corrections ................................ RS
- Crime and Accident Scene Photography ........ PC, SC
- Crime Scene Investigation ....................... PC, SC
- Crime and Intelligence Analysis .................. CG
Crime Scene Technology .......... PC, SC
Cyber Forensics Technician .......... MC
Detention Services ............... RS
Evidence Technology ............. PC
Evidence Technology ............ EM
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 Assurance .......... MC
Information Security Forensics .... EM, 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 Enforcements Training Academy .... CG, GC
Legal Studies ............. MC
Paralegal ..................... RSC
Police Academy Preparation Level I ...... SC
Police Science ............. MC, SC
Police Supervision .......... GC
Public Safety Technology ........ RS
Victimology ................ MC

Fire Science
Basic Firefighter .............. MC, PV, EM
Driver Operator ............. MC
Emergency Management .... GC, MC, PV, SM
Emergency Response and Operations .... CG, EM, GC, MC, PC, PV, RS, SC
Fire Academy .............. GC, SC
Fire Officer I ........ CG, EM, GC, MC, PC, PV, SC
Fire Science ............... CG, GC, PC, PV, RS
Fire Science Technology .... GC, SC, PV, EM
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
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
MARICOPA SKILL CENTER AREAS/PROGRAMS/CERTIFICATES

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 Draftsment 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

Printing
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

**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

**Online/Hybrid Delivery Programs**
- Automation Technology 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