



**CHANDLER-GILBERT
COMMUNITY COLLEGE**

A **MARICOPA** COMMUNITY COLLEGE



Associates Degree (University Transfer) for Hamilton High School

For more information regarding university transfer
go to: maricopa.edu/transfer-partners

Prepared by the Dual Enrollment Department
cgc.edu/dual
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MARICOPA
COMMUNITY COLLEGES

Maricopa County Community College District (MCCCD) is an EEO/AA institution and an equal opportunity employer of protected veterans and individuals with disabilities. A lack of English language skills will not be a barrier to admission and participation in the career and technical education programs of the college. The Maricopa Community Colleges do not discriminate on the basis of race, color, national origin, sex, disability or age in its programs or activities. For Title IX/504 concerns, call the following number to reach the appointed coordinator: (480) 731-8499. For additional information, as well as a listing of all coordinators within the Maricopa College system, <http://www.maricopa.edu/non-discrimination>.

Dual Enrollment 2017-2018

High School—General Education Courses for Associate of Arts Degree

First-Year Composition (FYC) 6 Credits Needed		
Course	Crd	Title
*ENG101	3	First-Year Composition
*ENG102	3	First-Year Composition

Literacy and Critical Inquiry (L) 3 Credits Needed		
Course	Crd	Title
COM225	3	Offered at CGCC or online

Mathematical Studies (MA) 3-4 Credits Needed		
Course	Crd	Title
MAT141/142	4/3	College Mathematics
*MAT151/152	4/3	College Algebra/Functions
MAT187	5	Precalculus
MAT212/213	3/4	Brief Calculus
*MAT220/221	5/4	Calculus w/ Analytic Geometry I
*MAT230/231	5/4	Calculus w/ Analytic Geometry II
*MAT240/241	5/4	Calculus w/ Analytic Geometry III
*MAT276/277	4/3	Modern Differential Equations

Computer/Statistics/Quantitative Reasoning (CS) 3 Credits Needed		
Course	Crd	Title
BPC110	3	Computer Usage & Applications
CIS105	3	Survey of Computer Information Systems
*CIS163AA	3	Java Programming: Level I
MAT206	3	Elements of Statistics

Humanities and Fine Arts (HU) 6 Credits Needed			
Course	Crd	Title	Awareness
*ARH101	3	Prehistoric through Gothic Art	-
*ARH102	3	Renaissance—Contemporary Art	-
*ENH110	3	Introduction to Literature	C
ENH113	3	Writers/Directors & Current Issue	-
*FRE265	3	Advanced French I	G
*HIS103	3	United States History to 1865	H
HIS110	3	World History to 1500	G, H

Humanities and Fine Arts (HU) Continued ... 6 Credits Needed			
Course	Crd	Title	Awareness
HIS111	3	World History 1500 to Present	G, H
HUM101	3	General Humanities	-
HUM108	3	Contemporary Humanities	H
*SPA265	3	Advanced Spanish I	-
*SPA266	3	Advanced Spanish II	-

Social and Behavioral Sciences (SB) 6 Credits Needed			
Course	Crd	Title	Awareness
AJS101	3	Survey of American Indian Issues	-
*ECH176	3	Child Development	-
EDU221	3	Introduction to Education	-
EED205	3	Developing Child Prenatal—Age 8	-
*HIS103	3	United States History to 1865	H
*HIS104	3	United States History 1864 to Present	H
*POS110	3	American National Government	G
*POS140	3	Comparative Government	G
*PSY101	3	Introduction to Psychology	-

Natural Sciences General (SG) 4 Credits Needed			
Course	Crd	Title	Awareness
BIO145	4	Marine Biology	-
*BIO160	4	Intro to Human Anatomy and Physiology	-

Natural Sciences General (SG) 4 Credits Needed			
Course	Crd	Title	Awareness
BIO100	4	Biology Concepts	-
BIO105	4	Environmental Biology	-
BIO107	4	Intro to Biotechnology	-
BIO181	4	General Biology	-
*CHM130 & 130LL	3/1	Fundamental Chemistry/ Fundamental Chemistry Lab	-
*CHM151 & 151LL	3/1	General Chemistry/General Chemistry Lab	-
*CHM152 & 152LL	3/1	General Chemistry II/General Chemistry II Lab	-

*Classes in Red are offered at Hamilton High School

Dual Enrollment 2017-2018

Natural Sciences General (SG) Continued ...			
4 Credits Needed			
Course	Crd	Title	Awareness
GLG101 & GLG103	3/1	Intro to Geology I Physical Lec/ Intro to Geology I Physical Lab	-
PHY101	4	Introduction to Physics	-
*PHY111	4	General Physics I	-
PHY112	4	General Physics II	-

General Electives to Complete 60 Credit Minimum			
Course	Crd	Title	Awareness
AGB132	3	Agribusiness & Management	-
ART100	3	Intro to Computer Graphic Art	-
ART111	3	Drawing I	-
ART112	3	Two-Dimensional Design	-
ART131	3	Photography I	-
*ART142	3	Intro to Digital Photography	-
*ART161	3	Ceramics I	-
*ART177	3	Computer-Photographic Imaging	-
BPC170	3	Computer Hardware Config	-
BPC171	1	Recycling Used Computer Tech	-
*CHI101	5	Elementary Chinese I	G
*CHI102	5	Elementary Chinese II	G
*CHI201	5	Intermediate Chinese I	G
*CHI202	5	Intermediate Chinese II	G
CHI225	3	Int Chinese Conversations I	-
CHI226	3	Int Chinese Conversation II	-
CIS121AE	1	Windows Operating System: Lvl I	-
CIS151	3	Computer Game Development	-
*CRW150	3	Intro to Create of Writing	-
ECE102 & ECE103AA	2/2	Engineering Analysis Tools/ Engineering Problem Solving	-
EED215	3	Health, Safety, Nutrition/Fitness	-
EED245	3	Lang Acquisition/Lit Development	-
ENH111	3	Lit and the American Experience	-
*FRE101	4	Elementary French I	G
*FRE102	4	Elementary French II	G
*FRE201	4	Intermediate French I	G
*FRE202	4	Intermediate French II	G

General Electives to Complete 60 Credit Minimum			
Course	Crd	Title	Awareness
*FRE266	3	Advanced French II	G
GBS110	3	Hmn Relat in Business & Industry	-
*GBS151	3	Intro to Business	-
*GER101	4	Elementary German I	G
*GER102	4	Elementary German II	G
*GER201	4	Intermediate German I	G
*GER202	4	Intermediate German II	G
HES271	3	Prevnt/Treatment of Athl Injuries	-
HES275	3	Rehab/Therapeutic Sports Med	-
JPN101	5	Elementary Japanese I	G
JPN102	5	Elementary Japanese II	G
JPN201	5	Intermediate Japanese I	G
JPN202	5	Intermediate Japanese II	G
*MAT182	3	Plane Trigonometry	-
MAT217	3	Mathematical Analysis Business	-
*MAT225	3	Elementary Linear Algebra	-
*MGT253	3	Owning/Operating Small Business	-
MKT112	1	Retail Customer Service	-
MKT114	1	Retail Inventory Control	-
MKT267	3	Principles of Salesmanship	-
*MKT271	3	Principles of Marketing	-
*MTC105	3	Music Theory I	-
*POS101	1	Current Issues	-
SLG101	4	American Sign Language I	-
SLG102	4	American Sign Language II	-
SLG201	4	American Sign Language III	-
SLG202	4	American Sign Language IV	-
*SPA101	4	Elementary Spanish I	-
*SPA102	4	Elementary Spanish II	-
*SPA201	4	Intermediate Spanish I	-
*SPA202	4	Intermediate Spanish II	-
*SPA235	3	Adv Spanish Conversations I	-
*SPA236	3	Adv Spanish Conversations I	-
*THP201AA	1	Theatre Production I	-

Notes

1. General Education courses can only satisfy one curriculum area. For example, HIS103 can count towards either the HU or SB requirement, but not both.
2. Courses available for dual enrollment at the high schools are subject to change at any time
3. Courses taken past minimum General Education or Awareness requirements are counted toward electives.
4. This is a general list; it is strongly recommended that students meet with a college advisor regarding specific major requirements.
5. **Check class availability by visiting our high school class lists at cgc.edu/dual, courses vary depending on the high school you attend.**

Appendix to Associate of Arts Course List

Hamilton Class Name	CGCC Class Title	CGCC Course Name / Length
AP Art History	Prehistoric/Gothic Art	ARH101 (Fall)
AP Art History	Renaissance/Contemporary Art	ARH102 (Spring)
Photo Imaging I	Introduction to Digital Photography	ART142 (Year Long)
Ceramics II	Ceramics I	ART161 (Year Long)
Photo Imaging II	Computer-Photographic Imaging	ART177 (Year Long)
Human Biology	Intro to Human Anatomy Physiology	BIO160 (Year Long)
Honors Mandarin Chinese 3	Elementary Chinese (Mandarin) I	CHI101 (Fall)
Honors Mandarin Chinese 3	Elementary Chinese (Mandarin) II	CHI102 (Spring)
AP Chinese 4	Intermediate Chinese (Mandarin) I	CHI201 (Fall)
AP Chinese 4	Intermediate Chinese (Mandarin) II	CHI202 (Spring)
Honors Chemistry	Fundamental Chemistry	CHM130 (Year Long)
Honors Chemistry	Fundamental Chemistry-Lab	CHM130LL (Year Long)
AP Chemistry	General Chemistry I	CHM151 (Fall)
AP Chemistry	General Chemistry I (lab)	CHM151LL (Fall)
AP Chemistry	General Chemistry II	CHM152 (Spring)
AP Java	Java Programming: Level 1	CIS163AA (Year Long)
Creative Writing	Intro to Create Writing	CRW150 (Fall)
Creative Writing	Intro to Create Writing	CRW150 (Spring)
Early Childhood Education I	Child Development	ECH176 (Year Long)
English AP 11	First-Year Composition	ENG101 (Fall)
English AP 11	First-Year Composition	ENG102 (Spring)
English 12	First-Year Composition	ENG101 (Fall)
English 12	First-Year Composition	ENG102 (Spring)
English AP 12	Intro to Literature	ENH110 (Fall)
Honors French 3	Elementary French I	FRE101 (Fall)
Honors French 3	Elementary French II	FRE102 (Spring)
AP French 4	Intermediate French I	FRE201 (Fall)
AP French 4	Intermediate French II	FRE202 (Spring)
AP French 5	Advanced French I	FRE265 (Fall)
AP French 5	Advanced French II	FRE266 (Spring)
Business Mngmt & Tech	Intro to Business	GBS151 (Year Long)
AP German 3	Elementary German I	GER101 (Fall)
AP German 3	Elementary German II	GER102 (Spring)
AP German 4/5	Intermediate German I	GER201 (Fall)
AP German 4/5	Intermediate German II	GER202 (Spring)
Ap AM/AZ History	U.S. History to 1866	HIS103 (Fall)
Ap AM/AZ History	U.S. History 1866 - Present	HIS104 (Spring)
College Algebra	College Algebra / Functions	MAT152 (Year Long)
Honors Pre-Calculus	College Algebra / Functions	MAT152 (Fall)
Honors Pre-Calculus	Plane Trigonometry	MAT182 (Spring)
AP Statistics	Elements of Statistics	MAT206 (Year Long)
Calculus AB	Calculus w/ Analytical Geometry I	MAT221 (Year Long)
AP Calculus AB/BC	Calculus w/ Analytical Geometry I	MAT221 (Fall)
AP Calculus AB/BC	Calculus w/ Analytical Geometry II	MAT231 (Spring)
Linear Algebra	Elementary Linerar Algebra	MAT225 (Fall)
Multivariable Caluclus	Calculus w/ Analytical Geometry III	MAT241 (Fall)
Differential Equations	Modern Differential Equations	MAT277 (Spring)

Note: Courses available for dual enrollment at the high school are subject to change at any time.

Appendix to Associate of Arts Course List

Hamilton Class Name	CGCC Class Title	CGCC Course Name / Length
Business & Admin Services	Owning & Operating a Small Business	MGT253 (Year Long)
Marketing I	Principles of Marketing	MKT271 (Year Long)
AP Music Theory	Music Theory	MTC105 (Fall)
AP Physics I	General Physics I	PHY111 (Year Long)
AP US Government	American National Government	POS110 (Fall)
AP Comparative Government	Comparative Government	POS140 (Fall)
AP Comparative Government	Current Issues	POS101 (Spring)
AP Psychology	Intro to Psychology	PSY101 (Spring)
Honors Spanish 3	Elementary Spanish I	SPA101 (Fall)
Honors Spanish 3	Elementary Spanish II	SPA102 (Spring)
AP Caminos Liter	Intermediate Spanish I	SPA201 (Fall)
AP Caminos Liter	Intermediate Spanish II	SPA202 (Spring)
AP Spanish 4	Intermediate Spanish I	SPA201 (Fall)
AP Spanish 4	Intermediate Spanish II	SPA202 (Spring)
AP Spanish 5	Advanced Spanish Conversations I	SPA235 (Fall)
AP Spanish 5	Advanced Spanish Conversations II	SPA236 (Spring)
AP La herencia	Advanced Spanish I	SPA265 (Fall)
AP La herencia	Advanced Spanish II	SPA266 (Spring)
Technical Theatre	Theatre Productions	THP201AA

Note: Courses available for dual enrollment at the high school are subject to change at any time.

ASSOCIATE IN ARTS (AA) DEGREE
(Includes AGECE-A: Arizona General Education Curriculum-Arts)
Official MCCCDC Advisement Check Sheet
2017-2018 Catalog Year

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.

ALL GRADES MUST BE "C" OR BETTER

60 – 64 CREDITS (Numbered 100 and above) REQUIRED FOR DEGREE

NAME	ADVISOR / COLLEGE	UNIVERSITY MAJOR / CATALOG YEAR
ID	DATE	CODE: 8400

General education values are based on the semester in which the student is awarded credit on the transcript. See AGECE courses: http://aztransfer.com/mccd_matrix

GENERAL EDUCATION AGECE-A CORE REQUIREMENTS* (35 Credits)	CREDITS	GRADE	SEMESTER	NOTES
First-Year Composition (6 Credits)				
FYC - ENG 101 OR 107	3			
FYC - ENG 102 OR 108	3			
Literacy & Critical Inquiry (3 credits)				
L -	3			
Mathematical Studies (6 Credits)				
MA - MAT 140, 141, 142, 150, 151, 152, 187 OR any other mathematics course with the MA general education value and for which college algebra is a pre-requisite.	3			See advisor for appropriate course for major.
CS -	3			
Humanities, Arts, & Design (6 Credits) Students are encouraged to choose courses from more than one discipline for a total of six semester credits.				
HU -	3			
HU -	3			
Social-Behavioral Sciences (6 Credits) Students are encouraged to choose courses from more than one discipline for a total of six semester credits.				
SB -	3			
SB -	3			
Natural Sciences (8 Credits) Two lab sciences are required. Only one course may be SG.				
SQ -	4			
SQ OR SG -	4			

AWARENESS AREAS May be shared with core.								
Cultural Diversity in the U.S. (C)	CR	GR	SEM	Historical (H) or Global (G) Awareness	CR	GR	SEM	
	0-3				0-3			

MCCCDC ADDITIONAL REQUIREMENTS (0-6 Credits) May be shared with core.								
Oral Communication (0-3 Credits)	CR	GR	SEM	Critical Reading (0-3 Credits)	CR	GR	SEM	
COM 100,100AA-AC, 110, 110 AA-AC, 225, OR 230	0-3			CRE 101 OR Equivalent as indicated by assessment	0-3			

GENERAL ELECTIVES TO COMPLETE 60 CREDIT MINIMUM*								
Recommend courses from common course list, major guide and/or applicable university transfer guide. See www.aztransfer.com								
*	3			*	3			
*	3			*	3			
*	3			*	3			
*	3			*	3			
*	3			*	3			

* See the Academic Policies governing this degree, presented on the following page, for information on course selection to fulfill AGECE and Electives areas.

Notes: Check with advisement / records offices for the posting of AGECE certification for block transfer on official transcripts. Students are responsible for proper selection of courses and verification of course work applicability with their transfer university.

All information published is subject to change without notice. Every effort has been made to ensure the accuracy of information presented, but based on the dynamic nature of the curricular process; course and program information is subject to change in order to reflect the most current information available.

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Maricopa Community Colleges (MCCCD)
2017-2018 General Academic Policies for Associate Degrees Designed for University Transfer

Academic policies that govern the Associate degrees designed for university transfer:

(Associate in Arts [AA]; Associate in Science [AS]; Associate in Arts Elementary Education [AA-EE]; Associate in Fine Arts [AA-FA] for Dance, Theatre or Arts; and Associate in Business General Requirements or Special Requirements [ABUS-GR, ABUS-SR]).

Note that academic policies that govern the Associate in General Studies [AGS] and Associate in Applied Science [AAS] degrees are listed separately, with the requirements for each of those degrees.

- The graduation policies within the general catalog must be satisfied (administrative regulation 2.3.9).
- Minimum semester credits for completion vary slightly by degree: 60 credits for AA, AS, AA-EE, and AA-FA-Theatre; 62 credits for ABUS-GR and SR; 60 for AA-FA-Art; 65 for AA-FA-Dance.
- Credits completed toward these minimums must be in courses numbered 100 or above with a grade of "C" or better. These credits must include a minimum of 35 in satisfaction of the requirements of the Arizona General Education Curriculum (AGEC) along with a maximum of 6 credits towards MCCCD's Additional Requirements.

General Education Requirements:

- The AGEC requirements include a designated number of courses approved for each of the following areas:
 - Core
 - First Year Composition [FYC],
 - Mathematics Studies [MA],
 - Computer/Statistics/Quantitative Applications [CS],
 - Literacy and Critical Inquiry [L],
 - Humanities, Arts and Design [HU],
 - Social-Behavioral Sciences [SB], and
 - Natural Sciences (Science Quantitative [SQ], Science-General [SG]).
 - Awareness Areas
 - Cultural [C]
 - Global [G] or Historical [H]
- MCCCD's Additional Requirements are as follows:
 - Oral Communication
 - Critical Reading

Note that there are three different AGECS each aligning with a different subset of Associate Degrees (AGEC-A for all Associate in Arts degrees, AGEC-B for all Associate in Business degrees, and AGEC-S for the Associate in Science degree). For some types of AGECS/Associate degrees, students are allowed to choose from a broad list of courses; for others the courses are more restricted or even specified. Checksheets for each of type of Associate degree indicate these details, the number of credits required in each area, and any exceptions.

- A single course can simultaneously count toward a Core Area, one or more Awareness Areas, MCCCD Additional Requirements and, for some degree types, other lower division courses used to meet the degree requirements. For example, CRE101 may be used to satisfy both the MCCCD Reading Requirement and the Literacy and Critical Inquiry area [L] of AGEC core. While multiple requirements can be met with a single course, the credits are only counted one time toward the required minimum for the degree.
- Except for the Associate in Science degree, a single course cannot be used to satisfy more than one AGEC Core Area.
- The General Education Requirements for these degrees may be completed in as few as 35 credits provided that courses selected for the Awareness Areas and MCCCD's Additional Requirements can also be counted toward Core Areas. Optimizing credits in this way is often recommended because some programs and universities limit transferable credits at 64.

General Electives and Other Coursework beyond General Education:

- For some degree types, the additional coursework required to complete the degree is specified while others offer the student more latitude. See degree checksheets for more complete description. Consultation with an academic advisor about course selection is always recommended.
- Note that some majors require up to a 4th semester proficiency (202-course level) in a non-English language.
- Maricopa courses and external courses evaluated as Maricopa equivalents, departmental electives, (e.g., HISELC for a history elective), or general electives (GENELC) that are numbered 100 level or higher, and completed with a grade of "C" or higher, may be applied in the elective area, regardless of potential transferability to other institutions. It is recommended, however, that students planning to transfer to a baccalaureate-granting institution meet these general elective requirements with courses that are transferable and applicable to their intended university degree. Transfer and major guides are accessible on the following websites: aztransfer.com, maricopa.edu/transfer/partners, as well as those of individual universities. For appropriate course selection, students should consult with an advisor.

- Any course cross-referenced under another prefix(es) (for example ENH291/EDU291/STO291-Children’s Literature) covers identical content and its credits can only be counted once toward requirements.

Transfer Credit:

From any institutions outside of MCCCDC:

- Credits transferred from outside of MCCCDC must at a grade of “C” (2.0 on a 4.0 scale) or better.
- External courses evaluated either as equivalent to an MCCCDC course or as elective credit may be applied toward the minimum credits for degree completion.
- Transfer credit graded pass/fail or pass/no credit may be used to satisfy AGECE requirements if documentation collected by the community college indicates that this was the only grading option available and that the Pass grade (“P”) is equivalent to a “C” or better.
- Courses completed at another Arizona public college or university will be based on information obtained from AZTransfer’s Arizona Course Equivalency Guide (CEG).

From any AGECE granting/accepting institutions:

- The course evaluation and/or AGECE general education designation for a course is as listed in the AZTransfer’s Arizona Course Equivalency Guide (CEG) for the semester in which the course was completed. Transfer credits will be counted toward the AGECE and/or Associate degree requirements based on their evaluated MCCCDC equivalence for the semester in which the original coursework was done.

Credit for Prior Learning:

- Credit awarded at a Maricopa Community College for prior learning is transferable to the other colleges in the district but is not necessarily transferable to other colleges and universities. No more than 20 such assessed semester credit hours may be applied toward AGECE, and no more than 30 credits (including up to 20 toward AGECE) may be applied toward a degree

Completion and Transfer:

- Completion of the AGECE with a minimum Grade Point Average of at least 2.0 on a 4.0 scale for Arizona residents and 2.50 for non-residents meets Arizona public university general admission requirements. It does not ensure admission to specific university majors or programs with selective admission processes and/or limited enrollment.
- While MCCCDC’s Associate degrees are designed to facilitate a seamless transfer to other Arizona institutions, courses may be transferable and/or meet associate degree requirements, but may not necessarily meet the specific requirements of a particular degree, major, or area of emphasis at another institution.

Students planning to transfer to another college or university are urged to refer to university requirements and academic advisors from both institutions to be certain that all their selected coursework is applicable to the requirements of their intended transfer degree and within their allowed transferable credit limit. For some majors, the statewide Common Course matrix, AZTransfer Pathway Guides and/or University Transfer Guides posted on the [AZTransfer website](#) can also provide some guidance. For appropriate course selection, students should consult with an academic advisor.

Students: To check your progress toward a degree, go to my.maricopa.edu. Log into your Student Center and select “Degree Progress Report” in the drop-down menu under test scores. Your degree program must be properly declared to ensure accuracy of the report. See an academic advisor if you need assistance.