

ASSOCIATE IN APPLIED SCIENCE (AAS) DEGREE AND GENERAL EDUCATION REQUIREMENTS

Maricopa County Community College District (MCCCD) 2023-2024

Description

The Associate in Applied Science (AAS) degree requires at least 60 credits in its program of study. The exact number of credits for a specific degree is identified as part of the presentation of its requirements at curriculum.maricopa.edu (<https://curriculum.maricopa.edu/>) click on Current Programs or search in the offering college(s)' catalog.

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 in a particular workforce-related area of study. The AAS degree options vary at the different MCCCD colleges and can be searched alphabetically (<https://curriculum.maricopa.edu/>) or by field of interest (<https://www.maricopa.edu/degrees-certificates/>). Requirements for each degree can be found on the linked web pages and in the corresponding college(s)'s catalog.

Academic Policies That Govern the AAS Degree:

- Requires 60 or more credits numbered 100 or above and includes credits or the equivalent in the General Education Core areas and credits in the Distribution areas. AAS degree requirements follow with the use of a diagonal character (/) between course numbers to signify options. An asterisk (*) following the course number defines requirements with an effective begin term of spring;
- All courses must be completed with a grade of C or higher; any additional requirements such as grades of B or higher or minimum grade point average requirements are listed on individual degrees and certificates;
- The graduation policies within the general catalog must be satisfied (Administrative Regulation 2.3.9). First Year Experience required (FYE101 or FYE103)
- Some courses also have equivalent combinations of modular variants; all options are listed and completion of either the course or its modular equivalents will satisfy the AAS requirements.
- 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;
- Any course that is cross referenced with that of another discipline/subject (for example EDU291/ENH291, Children's Literature) covers identical contents. A course under either subject (for example, EDU291 or ENH291) will count only once toward degree requirements.

Degree Requirements

General Education Core (12-15 Credits)¹

¹ FYC may be met with fewer than 6 credits if student has transfer credit from ASU, NAU or UAZ for a single course that meets FYC in full.

Demonstrate college-level skills in the following areas:

Code	Title	Credits	Semester
First-Year Composition ¹			
ENG101	First-Year Composition	3	_____
or ENG107	First-Year Composition for ESL		_____
ENG102	First-Year Composition	3	_____
or ENG108	First-Year Composition for ESL		_____
or ENH111	Literature and the American Experience		_____
Oral Communication			
Select one of the following:		3	_____
COM100	Introduction to Human Communication		_____
COM100AA & COM100AB & COM100AC	Introduction to Human Communication Part I and Introduction to Human Communication Part II and Introduction to Human Communication Part III		_____
COM110	Interpersonal Communication		_____
COM110AA & COM110AB & COM110AC	Interpersonal Communication Part I and Interpersonal Communication Part II and Interpersonal Communication Part III		_____
COM225	Public Speaking		_____
COM230	Small Group Communication		_____
Critical Reading			
Complete one of the following:		0-3	_____
CRE101	College Critical Reading and Critical Thinking		_____
Equivalent as indicated by assessment			_____

Mathematics				
Select one of the following:		3		
MAT112	Mathematical Concepts and Applications			
MAT114	College Algebra Prep			
MAT115	College Algebra Prep			
MAT120	Intermediate Algebra			
MAT121	Intermediate Algebra			
MAT122	Intermediate Algebra			
MAT126	Intermediate Algebra with Review			
MAT140	College Mathematics			
MAT141	College Mathematics			
MAT142	College Mathematics			
MAT145	College Mathematics with Review			
MAT146	College Mathematics with Review			
MAT150	College Algebra/ Functions			
MAT150 & MAT182	College Algebra/ Functions and Plane Trigonometry			
MAT151	College Algebra/ Functions			
MAT151 & MAT182	College Algebra/ Functions and Plane Trigonometry			
MAT152	College Algebra/ Functions			
MAT152 & MAT182	College Algebra/ Functions and Plane Trigonometry			
MAT155	College Algebra/ Functions with Review			
MAT155 & MAT182	College Algebra/ Functions with Review and Plane Trigonometry			
MAT156	College Algebra/ Functions with Review			
MAT156 & MAT182	College Algebra/ Functions with Review and Plane Trigonometry			
MAT172	Finite Mathematics			
MAT187	Precalculus			
MAT206	Elements of Statistics			
MAT212	Brief Calculus			
MAT213	Brief Calculus			
MAT217	Mathematical Analysis for Business			
MAT218	Mathematical Analysis for Business			
MAT220	Calculus with Analytic Geometry I			
MAT221	Calculus with Analytic Geometry I			
MAT225	Elementary Linear Algebra			
MAT227	Discrete Mathematical Structures			
MAT230	Calculus with Analytic Geometry II			
MAT231	Calculus with Analytic Geometry II			
MAT240	Calculus with Analytic Geometry III			
MAT241	Calculus with Analytic Geometry III			
MAT256	Investigating Quantity: Number, Operations and Numeration Systems			
MAT257	Investigating Geometry, Probability and Statistics			
MAT261	Differential Equations			
MAT276	Modern Differential Equations			

MAT277	Modern Differential Equations	_____
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Equivalent course _____
Satisfactory completion of a _____
higher level mathematics course

¹ FYC may be met with fewer than 6 credits if student has transfer credit from ASU, NAU or UAZ for a single course that meets FYC in full.

General Education Distribution Areas (9-10 Credits)
Humanities, Arts and Design (2-3 Credits)

Code	Title	Credits	Semester
Distribution Area: Humanities, Arts and Design			
Select two to three credits from the following:		2-3	_____
<i>Arabic Humanities</i>			
AHU245	Arabic Culture and Islam	_____	_____
<i>American Indian Studies</i>			
AIS213	American Indian Religions	_____	_____
<i>Administration of Justice Studies</i>			
AJS123	Ethics and the Administration of Justice	_____	_____
<i>Art Humanities</i>			
Any Art Humanities Course(s)		_____	_____
<i>Art</i>			
ART131	Photography I	_____	_____
<i>Anthropology</i>			
ASB211	Women in Other Cultures	_____	_____
ASB214	Magic, Witchcraft and Healing: An Introduction to Comparative Religion	_____	_____
ASB220	Anthropology Goes to the Movies	_____	_____
ASB222	Buried Cities and Lost Tribes: Old World	_____	_____
ASB223	Buried Cities and Lost Tribes: New World	_____	_____
ASB253	Death and Dying Across Cultures	_____	_____
<i>Chicana and Chicano Studies</i>			
CCS101	Chicana and Chicano Studies	_____	_____
<i>Communication</i>			
COM241	Oral Interpretation of Literature	_____	_____

<i>Construction</i>		_____
CON101	Construction and Culture (formerly CNS101)	_____

<i>Dance Humanities</i>		_____
DAH100	Introduction to Dance	_____
DAH201	Dance, Culture, and Global Contexts	_____
DAH250	Dance in Popular Culture	_____
DAH255	Hip Hop: Arts, Aesthetic and Culture	_____

<i>Education</i>		_____
EDU230	Cultural Diversity In Education (Eff. Spring '22)	_____
EDU291	Children's Literature	_____
EDU292	The Art of Storytelling	_____
EDU294	Multicultural Folktales	_____

<i>English</i>		_____
ENG200	Reading and Writing About Literature	_____
ENG213	Introduction to the Study of Language	_____
ENG218	Writing about Literature	_____

<i>English Humanities</i>		_____
Any English Humanities Course(s)		_____

<i>French</i>		_____
FRE265	Advanced French I	_____

<i>Game Studies</i>		_____
GST202	Games, Culture and Aesthetics	_____

<i>Health Care Related</i>		_____
HCR210	Clinical Health Care Ethics	_____

<i>History</i>		_____
HIS101	History of Western Civilization Middle Ages to 1789	_____
HIS102	History of Western Civilization 1789 to Present	_____

HIS103	United States History to 1865	_____	MHL155	Survey of American Music	_____
HIS108	United States History 1945 to the Present	_____	MHL194	Music and Culture	_____
HIS110	World History to 1500	_____	MHL204	Hip-Hop Music and Culture	_____
HIS111	World History 1500 to the Present	_____	MHL241	Music History and Literature to 1750	_____
HIS113	History of Eastern Civilizations to 1850	_____	MHL242	Music History and Literature 1750 to Present	_____
HIS114	History of Eastern Civilizations 1850 to Present	_____	MHL295	Topics in Music	_____
HIS203	African-American History to 1865	_____	<i>Philosophy</i>		_____
HIS212	History of Religion	_____	Any Philosophy Course(s)		_____
HIS251	History of England to 1700	_____	<i>Religious Studies</i>		_____
HIS252	History of England 1700 to Present	_____	Any Religious Studies Course(s)		_____
<i>Honors</i>			<i>Studies in Language & Culture</i>		_____
HON190	The Honors Experience	_____	SLC201	Introduction to Linguistics	_____
<i>Humanities</i>			SLC202	Introduction to Literary and Cultural Theory	_____
Any Humanities Course(s) ¹			<i>Spanish</i>		_____
<i>Interior Design</i>			SPA241	Spanish and Spanish-American Film I	_____
INT115	Historical Architecture and Furniture	_____	SPA242	Spanish and Spanish-American Film II	_____
INT120	Modern Architecture and Furniture	_____	SPA265	Advanced Spanish I	_____
<i>Latin</i>			SPA266	Advanced Spanish II	_____
LAT201	Intermediate Latin I	_____	<i>Spanish Humanities</i>		_____
LAT202	Intermediate Latin II	_____	SPH241	Spanish and Latin American Film in Translation	_____
<i>Music: History/Literature</i>			SPH245	Hispanic Heritage in the Southwest	_____
MHL140	Survey of Music History	_____	<i>Sustainability/Social Sciences and Humanities</i>		_____
MHL143	Music in World Cultures	_____	SSH111	Sustainable Cities	_____
MHL145	American Jazz and Popular Music	_____	<i>Storytelling</i>		_____
MHL146	Survey of Broadway Musicals	_____	STO292	The Art of Storytelling	_____
MHL153	Rock Music and Culture	_____	STO294	Multicultural Folktales	_____
			<i>Social Work</i>		_____
			SWU183	Introductory Ethics: A Social Service Perspective	_____

<i>Textiles and Clothing</i>	
TEC105	Cultural Aspects of Clothing
<i>Theatre</i>	
THE111	Introduction to Theatre
THE220	Modern Drama
<i>Theatre and Film</i>	
THF205	Introduction to Cinema
THF206	Introduction to Television Arts
THF210	Contemporary Cinema
<i>Theatre Performance/Production</i>	
THP217	Introduction to Design Scenography
THP241	Oral Interpretation of Literature
<i>Women's Studies</i>	
WST209	Women and Films
WST284	19th Century Women Writers
WST285	Contemporary Women Writers
WST290	Women and World Religions

¹ Except HUM120 Cultural Viewpoints in the Arts, HUM225 Introduction to Popular Culture

Social-Behavioral Sciences (3 Credits)

Code	Title	Credits	Semester
Distribution Area: Social-Behavioral Sciences			
Select three credits from the following:		3	
<i>African American Studies</i>			
AFR202	Ethnic Relations in the United States		
AFR203	African-American History: The Slavery Experience		
AFR204	African-American History 1865 to Present		
<i>American Indian Studies</i>			
AIS101	Survey of American Indian Issues		
AIS140	American Indian History		

AIS141	Sovereign Indian Nations		
AIS160	American Indian Law		
<i>Administration of Justice Studies</i>			
AJS101	Introduction to Criminal Justice		
AJS200	Current Issues In Criminal Justice		
AJS225	Criminology		
AJS258	Victimology and Crisis Management in Public Safety		
AJS270	Community Relations		
<i>Anthropology</i>			
ASB100	Introduction to Global Health		
ASB102	Introduction to Cultural Anthropology		
ASB202	Ethnic Relations in the United States		
ASB211	Women in Other Cultures		
ASB222	Buried Cities and Lost Tribes: Old World		
ASB223	Buried Cities and Lost Tribes: New World		
ASB226	Human Impacts on Ancient Environments		
ASB230	Principles of Archaeology		
ASB235	Southwest Archaeology		
ASB252	Sports and Culture		
<i>Anthropology</i>			
ASM104	Bones, Stones, and Human Evolution		
ASM275	Forensic Anthropology		
<i>Behavioral Health Services Technology</i>			
BHS150	Introduction to Behavioral Health and Social Services		

BHS210	Addictions, Substance Use Disorders, and Recovery	_____	COM230	Small Group Communication	_____
<i>Chicana and Chicano Studies</i>			COM250	Introduction to Organizational Communication	_____
CCS202	Ethnic Relations in the United States	_____	COM263	Elements of Intercultural Communication	_____
<i>Child/Family Studies</i>			<i>Counseling and Personal Development</i>		
CFS112	Personal Growth and Family Relations	_____	CPD180	Human Resilience: Cognitive, Emotional, and Behavioral Applications	_____
CFS157	Marriage and Family Life	_____	<i>Early Childhood Education</i>		
CFS159	The Modern Family	_____	ECH176	Child Development	_____
CFS176	Child Development	_____	<i>Economics</i>		
CFS205	Human Development	_____	Any Economics Course(s)		
CFS235	Developing Child: Theory into Practice, Prenatal to Age Eight	_____	<i>Education</i>		
CFS259	Sexuality over the Life Span	_____	EDU221	Introduction to Education	_____
<i>Communications</i>			EDU222	Introduction to the Exceptional Learner	_____
COM100	Introduction to Human Communication	_____	<i>Early Education</i>		
COM100AA & COM100AB & COM100AC	Introduction to Human Communication Part I and Introduction to Human Communication Part II and Introduction to Human Communication Part III	_____	EED200	Foundations of Early Childhood Education	_____
COM110	Interpersonal Communication	_____	EED205	The Developing Child: Prenatal to Age Eight	_____
COM110AA & COM110AB & COM110AC	Interpersonal Communication Part I and Interpersonal Communication Part II and Interpersonal Communication Part III	_____	EED222	Introduction to the Exceptional Young Child: Birth to Age Eight	_____
COM163	Intercultural Communication in Everyday Life	_____	<i>Emergency Medical Technology</i>		
			EMT258	Victimology and Crisis Management in Public Safety	_____
			<i>English</i>		
			ENG213	Introduction to the Study of Language	_____
			<i>Forensic Science</i>		
			FOR275	Forensic Anthropology	_____
			<i>Fire Science</i>		
			FSC258	Victimology and Crisis Management in Public Safety	_____
			<i>Cultural Geography</i>		

GCU102	Introduction to Human Geography	_____	PAD200	Public Affairs Economics	_____
GCU113	United States and Arizona Social Studies	_____	<i>Political Science</i>		
GCU121	World Geography I: Eastern Hemisphere	_____	Any Political Science Course(s)		
GCU122	World Geography II: Western Hemisphere	_____	<i>Psychology</i>		
GCU141	Introduction to Economic Geography	_____	PSY101	Introduction to Psychology	_____
GCU221	Arizona Geography	_____	PSY123	Psychology of Parenting	_____
<i>Health Science</i>			PSY132	Psychology and Culture	_____
HES100	Healthful Living	_____	PSY156	Understanding Death and Dying	_____
HES120	Principles of Physical Fitness and Wellness	_____	PSY157	African/Black Psychology	_____
<i>History</i>			PSY215	Sports Psychology	_____
Any History Course(s) ¹			PSY218	Health Psychology	_____
<i>Honors</i>			PSY225	Psychology of Religion	_____
HON201	Leadership Development: Historical and Contemporary Perspectives	_____	PSY235	Psychology of Gender	_____
<i>Humanities</i>			PSY240	Developmental Psychology	_____
HUM235	Disability Studies	_____	PSY241	Understanding and Changing Behavior	_____
<i>International Business</i>			PSY243	The Psychology of Developmental Disabilities	_____
IBS109	Cultural Dimension for International Trade	_____	PSY250	Social Psychology	_____
<i>Information Studies</i>			PSY260	Psychology of Personality	_____
IFS201	Information in a Post-Truth World	_____	PSY262	Positive Psychology: The Science of Well-Being	_____
IFS210	Information Without Borders: Research in a Global Society	_____	PSY266	Psychological Disorders	_____
IFS213	Hacking and Open Source Culture	_____	PSY277	Psychology of Human Sexuality	_____
<i>Mass Communications</i>			PSY280	Industrial/Organizational Psychology	_____
MCO120	Media and Society	_____	PSY292	Psychology of Altered States of Consciousness	_____
<i>Management</i>			<i>Recreation</i>		
MGT229	Management and Leadership I	_____	REC120	Leisure and the Quality of Life	_____
MGT230	Management and Leadership II	_____	<i>Society and Business</i>		
<i>Public Administration</i>			SBU200	Society and Business	_____
			<i>Studies in Language & Culture</i>		

SLC201	Introduction to Linguistics	_____
<i>Sociology</i>		
Any Sociology Course(s) ²		
<i>Sustainability/Social Sciences and Humanities</i>		
SSH111	Sustainable Cities	_____
<i>Sustainability/Natural Sciences</i>		
SUS110	Sustainable World	_____
<i>Social Work</i>		
SWU171	Introduction to Social Work	_____
SWU182	A Social Services Perspective of Government	_____
SWU250	Mindfulness for Stress Management	_____
SWU258	Victimology and Crisis, a Social Services Perspective	_____
SWU295	Effective Helping in a Diverse World	_____
<i>Textiles and Clothing</i>		
TEC105	Cultural Aspects of Clothing	_____
<i>Women's Studies</i>		
WST100	Introduction to Women's and Gender Studies	_____
WST161	American Women Since 1920	_____
<i>Yaqui Indian History and Culture</i>		
YAQ100	Yaqui Indian History and Culture	_____

¹ Except HIS111 World History 1500 to the Present, HIS170 American Indian History of the Southwest, HIS251 History of England to 1700, HIS252 History of England 1700 to Present

² Except SOC143 Sociology of African American Problems, SOC245 Social Deviance, SOC253 Social Class and Stratification, SOC265 Sociology of Aging

Natural Sciences (4 Credits)

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

Code	Title	Credits	Semester
Distribution Area: Natural Sciences			
Select four credits from the following:		4	_____

<i>Agricultural Science</i>		_____
AGS164	Plant Growth and Development	_____
AGS260	Soils	_____
<i>Anthropology</i>		_____
ASB231	Archaeological Field Methods	_____
<i>Anthropology (Science/Math)</i>		_____
ASM104	Bones, Stones, and Human Evolution	_____
ASM265	Laboratory Methods in Archaeology	_____
ASM275	Forensic Anthropology	_____
<i>Astronomy</i>		_____
AST101	Survey of Astronomy	_____
AST106	Life in the Universe	_____
AST111	Introduction to Solar System Astronomy	_____
AST112	Introduction to Stars, Galaxies, and Cosmology	_____
<i>Biology</i>		_____
BIO100	Biology Concepts	_____
BIO101	Introduction to Human Genetics for Non-Majors	_____
BIO102	Cells to Systems: An Introduction to Biology for Non-Majors	_____
BIO105	Environmental Biology	_____
BIO107	Introduction to Biotechnology	_____
BIO108	Plants and Society	_____
BIO109	Natural History of the Southwest	_____
BIO111	Microbes and Society	_____
BIO145	Marine Biology	_____
BIO149AN	Field Biology: Ecological and Environmental Field Experience	_____
BIO156	Introductory Biology for Allied Health	_____
BIO156XT	Introductory Biology for Allied Health	_____

GPH212 & GPH214	Introduction to Meteorology I and Introduction to Meteorology Laboratory I	_____
GPH213 & GPH215	Climate and Weather and Climate and Weather Laboratory	_____
<i>Physical Science</i>		_____
PHS110	Fundamentals of Physical Science	_____
PHS115	The Science of Musical Instruments	_____
PHS120	Introduction to Physical Science: Astronomy, Meteorology, Geology and Oceanography	_____
<i>Physics</i>		_____
PHY101	Introduction to Physics	_____
PHY101AA	Introduction to Physics	_____
PHY111	General Physics I	_____
PHY111AA	General Physics I	_____
PHY112	General Physics II	_____
PHY115	University Physics I	_____
PHY116	University Physics II	_____
PHY121	University Physics I: Mechanics	_____
PHY131	University Physics II: Electricity and Magnetism	_____
<i>Psychology</i>		_____
PSY275	Biopsychology	_____
PSY290AB	Research Methods	_____
PSY290AC	Research Methods Laboratory	_____