



Reference Copy



Fast Track your College Education with GCC's Dual Enrollment Program at Ironwood High School

To set up an appointment to discuss your Career/Academic pathway towards completion of a GCC degree and/or certificate, please contact GCC's Dual Enrollment Program Specialist, Debbi Carney, at 623-845-4821.



The Maricopa County Community College District is an EEO/AA institution and an equal opportunity employer of protected veterans and individuals with disabilities.

Prepared by GCC
Dual Enrollment Department
gccaz.edu/dual-enrollment
(623) 845-4821



Complete up to or more than 50% of the following degrees and certificates while completing your high school credits! More information contained within this packet.

- Associate in Arts Degree (transfer)
- Associate in Science Degree (STEM)
- General Business Certificate
- Child Development Associate (CDA) Preparation Certificate
- Language Studies Academic Certificate (AC)

To view all GCC's degrees and certificates, go to: gccaz.edu/degrees-certifications

For your CTE dual enrollment courses, see the certificates and associates degrees available at: azprogramsofstudy.org

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



**Dual Enrollment classes taught at
Ironwood High School that meet AA requirements
2016-2017**

HS COURSE	COURSE PREFIX	COLLEGE COURSE TITLE	MEETS DEGREE REQUIREMENTS
ADV MARKETING WORK EXPERIENCE	MGT175	Business Organization and Management	ELECTIVE
ADVANCED MARKETING	GBS110	Human Relations in Business and Industry	ELECTIVE
ADVANCED SPORTS MEDICINE	HES275	Rehabilitation and Therapeutic Interventions in Sports Medicine	ELECTIVE
AP CALCULUS I HONORS	MAT220	Calculus with Analytic Geometry I	(MA)
AP CALCULUS II HONORS	MAT230	Calculus with Analytic Geometry II	(MA)
AP COMPUTER SCIENCE A	CIS163AA	Java Programming: Level I	(CS)
BUSINESS FOUNDATIONS	GBS151	Introduction to Business	ELECTIVE
CHILD DEVELOPMENT	ECH176	Child Development	(SB)
COLLEGE ALGEBRA HONORS	MAT151	College Algebra/Functions	(MA)
COLLEGE MATHEMATICS	MAT142	College Mathematics	(MA)
COLLEGE PREP ENGLISH HONORS	ENG101	First-Year Composition	(FYC)
COMPUTER PROGRAMMING & TECHNOLOGY	CIS105	Survey of Computer Information Systems	(CS)
COOP/CHILD DEVELOPMENT	ECH270	Observing Young Children	ELECTIVE
COOP/CHILD DEVELOPMENT	ECH271	Arranging the Environment	ELECTIVE
COOP/CHILD DEVELOPMENT	ECH279	Early Childhood Curriculum Development	ELECTIVE
COOP/CHILD DEVELOPMENT	ECH282	Discipline/Guidance of Child Groups	ELECTIVE
IB SPANISH V HONORS	SPA201	Intermediate Spanish I	(G)
INTRO TO SPORTS MEDICINE	HES271	Prevention and Treatment of Athletic Injuries	ELECTIVE
LAW I	AJS101	Introduction to Criminal Justice	(SB)
MARKETING	MKT271	Principles of Marketing	ELECTIVE
MEDIA PRODUCTIONS	CIS220DK	Advanced Digital Video Production: Premiere	ELECTIVE
MEDIA TECHNOLOGY	CIS120DK	Introduction to Digital Video Editing	ELECTIVE
PHYSICS	PHY101	Introduction to Physics	(SQ)
PRECALCULUS HONORS	MAT182*	Plane Trigonometry	ELECTIVE
PRECALCULUS HONORS	MAT187	Precalculus	(MA)
SPANISH III HONORS	SPA101	Elementary Spanish I	ELECTIVE
SPANISH IV HONORS	SPA102	Elementary Spanish II	ELECTIVE

*For students who received passing grade in MAT151

Additional courses offered through MET Professional Academy:

MET ENGINEERING I	ECE102	Engineering Analysis Tools and Techniques	ELECTIVE
MET ENGINEERING II	ECE103AB	Engineering Problem Solving and Design	ELECTIVE

Additional courses offered through Peoria eCampus:

COLLEGE MATHEMATICS	MAT142	College Mathematics	(MA)
COLLEGE PREP ENGLISH HONORS	ENG101	First-Year Composition	(FYC)



Additional AA Degree Requirements

Prefix	General Education Requirement
C	Cultural Awareness - 3 credits needed
CR	Critical Reading - 3 credits needed
CS	Computer Science - 3 credits needed
FYC	First Year Composition - 6 credits needed
G or H	Global or Historical Awareness - 3 credits needed
HU	Humanities - 6 credits needed
L	Literacy & Critical Inquiry - 3 credits needed
MA	Mathematics - 3 credits needed
SB	Social-Behavioral Sciences - 6 credits needed
SG	Natural Science-General - 4 credits needed
SQ	Natural Science-Quantitative - Minimum 4 credits

Notes:

1. Students must take CRE101 or score a 92 or higher on Reading ACCUPLACER for critical reading.
2. Students must meet general education course requirements and earn at least 60 total credits with a "C" or better in each class to earn the Associate in Arts Degree.
3. Courses taken past minimum General Education Core 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. Courses available for dual enrollment at the high school are subject to change at any time.

All incoming students will take the placement test. The ACCUPLACER (critical reading, WritePlacer and math) placement test is a tool that helps GCC advisors determine which classes are best for you.

Critical Reading - Student scoring 92 or higher on ACCUPLACER Reading Test are "Reading Exempt." Score of 74 - 91 must take CRE101.

While in high school, additional certificate and degree requirements may be taken at GCC Main or GCC North. For more information in taking college courses at our campuses, contact our Enrollment Center at (623) 845-3333.

Additional courses offered for dual enrollment are listed below. To see specific degrees and certificates for these courses, go to azprogramsofstudy.org

HS COURSE	COURSE PREFIX	COLLEGE COURSE TITLE
COOP/Child Development	ECH287	Professional Development in Early Childhood Education
Law II	AJS107	Patrol Procedures

ASSOCIATE IN ARTS (AA) DEGREE
(Includes AGECE-A: Arizona General Education Curriculum-Arts)
Official MCCCAD Advisement Check Sheet
2016-2017 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: 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			

MCCCAD 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 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.

ASSOCIATE IN SCIENCE (AS) DEGREE
(Includes AGEC-S: Arizona General Education Curriculum-Science)
Official MCCCDC Advisement Check Sheet
2016-2017 Catalog Year

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.

ALL GRADES MUST BE "C" OR BETTER		60 – 64 CREDITS (Numbered 100 and above) REQUIRED FOR DEGREE	
NAME	ADVISOR / COLLEGE	UNIVERSITY MAJOR / CATALOG YEAR	
SID	DATE	CODE: 8600	

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

GENERAL EDUCATION AGEC-S CORE REQUIREMENTS* (36-38 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 (0-3 credits)				
L - Recommend selecting a course that satisfies L (Literacy and Critical Inquiry) and SB (Social-Behavioral Sciences) or L (Literacy and Critical Inquiry) and HU (Humanities, Arts & Design) or L (Literacy and Critical Inquiry) and COM or L (Literacy and Critical Inquiry) and CRE101 requirements simultaneously.	0-3			
Mathematical Studies (4 Credits)				
MA - MAT 220 OR 221, OR any MAT course for which MAT 220 or MAT 221 is a prerequisite.	4			
Humanities, Arts & Design (6 Credits) Students are encouraged to choose courses from more than one discipline for a total of six semester credits.				
HU - (See note above concerning Literacy & Critical Inquiry)	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 - (See note above concerning Literacy & Critical Inquiry)	3			
SB -	3			
Natural Sciences (8 Credits) Select a sequence of the same science. See advisor for selections.				
SQ - CHM 151/LL, (PHY 115 OR 121), OR BIO 181	4			
SQ or SG - CHM 152/LL, (PHY 116 OR 131), OR BIO 182	4			
Subject Options (subject based on major) Complete the AGEC-S through careful selection of courses that meet the other major or prerequisite requirements for Science degree. Using a transfer guide, select courses from Mathematics courses above Calculus, and/or Science courses from: Astronomy, Biology, Botany, Chemistry, Environmental Science, Geology, Physical Geography, Physics, and/or Zoology.				
	3-4			3-4

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)				Critical Reading (0-3 Credits)			
COM 100,100AA-AC, 110, 110AA-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 aztransfer.com							
*	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 AGEC and Electives areas.

Notes: Check with advisement / records offices for the posting of AGEC 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.

CERTIFICATE OF COMPLETION (CCL) ADVISEMENT 2016-2017 CHECK SHEET

STUDENT NAME

General Business

STUDENT ID (SID)

The Certificate of Completion (CCL) in General Business is designed to provide business training for various entry-level positions in business. The courses include an introduction to business concepts, accounting and computer principles, and legal issues related to business.

For more information about our graduation rates, the median debt of students who completed the program, and other important information, please visit our website at: gccaz.edu/ge/general-business

Program Director: [Scott Stroher](#)

Department: [Business and Information Technology](#)

Email: scott.stroher@gccaz.edu

Office: (623) 845-3453

MAJOR

5683

EFFECTIVE

Fall 2015

AWARD

CCL

TOTAL CREDITS

21

CIP CODE

52.0101

GPA

2.0

PROGRAM NOTES

You must earn a grade of C or better in all required courses.

You should [apply for graduation](#) when enrolling for final semester.

If you are interested in continuing your education, courses in this CCL program may be applied towards the Associate in Applied Science (AAS) in [General Business](#) and/or AAS in [Organizational Management](#).

For assistance with course selection, contact an [Academic Advisor](#) or the [Program Director](#).

REQUIRED COURSES

Credits: 12

+	COURSE	COURSE TITLE	CRS	ADVISOR NOTES	GRD
	ACC111	Accounting Principles I	3		
	CIS105	Survey of Computer Information Systems	3		
	GBS151	Introduction to Business	3		
	GBS205	Legal, Ethical, and Regulatory Issues in Business	3		

RESTRICTED ELECTIVES

You must complete nine (9) credits of Restricted Electives (REs). Courses used to meet other required areas may not be used to satisfy this program requirement. Please note that some restricted elective courses may have prerequisites and/or corequisites that are not included in the total program credits. If you are interested in taking courses that have additional requisites, you will need to adjust your academic plan to incorporate these courses, or obtain permission from your instructor to waive these requirements.

Credits: 9

+	COURSE	COURSE TITLE	CRS	ADVISOR NOTES	GRD
	CIS114DE	Excel Spreadsheet	3		
	CIS117DM	Microsoft Access: Database Management	3		
	CIS133DA	Internet/Web Development Level I	3		
	ACC-any	Any ACC (Accounting) course			
	EPS-any	Any EPS (Entrepreneurial Studies) course			
	GBS-any	Any GBS (General Business) course			
	IBS-any	Any IBS (International Business) course			
	MGT-any	Any MGT (Management) course			
	MKT-any	Any MKT (Marketing) course			
	REA-any	Any REA (Real Estate) course			
	SBS-any	Any SBS (Small Business Management) course			



CERTIFICATE OF COMPLETION (CCL) ADVISEMENT 2016-2017 CHECK SHEET
RECOMMENDED COURSE SEQUENCE

This version of the program will be used for advising and student planning purposes. Any developmental course requirements should be completed prior to starting the courses listed below as they may be required for enrollment in courses listed in the semester sequence.

SEMESTER 1Credits: **15**

COURSE	CRS
<input type="checkbox"/> ACC111	3
<input type="checkbox"/> CIS105	3
<input type="checkbox"/> GBS151	3
<input type="checkbox"/> GBS205	3

SEMESTER 2Credits: **12-17**

COURSE	CRS
<input type="checkbox"/> RE-any	3
<input type="checkbox"/> RE-any	3
<input type="checkbox"/> RE-any	3

CERTIFICATE OF COMPLETION (CCL) ADVISEMENT 2016-2017 CHECK SHEET

STUDENT NAME

Child Development Associate (CDA) Preparation

STUDENT ID (SID)

The Certificate of Completion (CCL) in Child Development Associate (CDA) Preparation program is designed to provide documented training in preparation for application to become a Child Development Associate. This program is intended for individuals interested in early childhood education who intend to pursue the national credential of CDA from the Council for Professional Recognition. Students completing the described CCL coursework must apply independently to the Council for final evaluation and validation.

For more information about our graduation rates, the median debt of students who completed the program, and other important information, please visit our website at gccaz.edu/ge/childhood-ev-assoc-cda-prep

Program Director: [Judy Poggi](#)

Department: [Technology and Consumer Sciences](#)

Email: judy.poggi@gccaz.edu

Office: (623) 845-3194

MAJOR CODE

5710

EFFECTIVE

Fall 2016

CREDITS

16

GPA

2.00

CIPS CODE

13.1210

CATALOG YEAR

2016-2017

PROGRAM NOTES

You must earn a grade of C or better in all required courses.

You should [apply for graduation](#) when enrolling for final semester.

If you are interested in continuing your education, courses in this CCL program may be applied towards the Associate in Applied Science (AAS) in [Early Childhood Education](#), AAS in [Early Childhood Administration and Management](#), and/or a second CCL in [Early Childhood Education](#).

For assistance with course selection, contact an [Academic Advisor](#) or the [Program Director](#).

REQUIRED COURSES

Credits: 16

+	COURSE	COURSE TITLE	CRS	ADVISOR NOTES	GRD
	CFS/ECH176	Child Development (3) OR	3		
	CFS235	Developing Child: Theory into Practice, Prenatal - Age 8 (3)			
	EED200	Foundations of Early Childhood Education	3		
	EED212	Guidance, Management and the Environment	3		
	EED215	Early Learning: Health, Safety, Nutrition and Fitness	3		
	EED220	Child, Family, Community and Culture (3) OR	3		
	CFS157	Marriage and Family Life (3)			
+	EED260	Early Childhood Infant/Toddler Internship (1) OR	1		
+	EED261	Early Childhood Preschool Internship (1)			

RECOMMENDED COURSE SEQUENCE

This version of the program will be used for advising and student planning purposes. Any developmental course requirements should be completed prior to starting the courses listed below as they may be required for enrollment in courses listed in the semester sequence.

SEMESTER 1

Credits: 9

COURSE	CRS
<input type="checkbox"/> CFS176 OR <input type="checkbox"/> CFS235	3
<input type="checkbox"/> EED212	3
<input type="checkbox"/> EED215	3

SEMESTER 2

Credits: 7

COURSE	CRS
<input type="checkbox"/> CFS157 OR <input type="checkbox"/> EED220	3
<input type="checkbox"/> EED200	3
<input type="checkbox"/> EED260 OR <input type="checkbox"/> EED261	1

This page left intentionally blank.



Language Studies Academic Certificate (AC) Advisement Check Sheet

STUDENT NAME

STUDENT ID (SID)

LANGUAGE STUDIES

Program Director: [Guiomar T. Borrás](#)
Department: [Communications and World Languages](#)
Email: guiomar.borras@gccaz.edu
Office: (623) 845-3636

MAJOR 6237N	EFFECTIVE Summer 2011
CREDITS 12-18	GPA 2.00
CIPS CODE 16.0199	CATALOG YEAR 2016-2017

The Academic Certificate (AC) in Language Studies is designed to provide students with a foundation in the study of culture, language, and linguistic structures. Students will have the opportunity to develop oral and written communication skills in a language other than English.

Program Notes

- This program is currently not eligible for federal financial aid.**
- Students must earn a grade of C or better in all required courses.
- [-any] indicates that any course and/or module may be selected.
- For assistance with course selection, contact an [Academic Advisor](#) or the Program Director.
- Students should [apply for graduation](#) when enrolling for final semester.

Program Prerequisites

CREDITS: 0-15

Students must complete 201-level coursework in language other than English, or demonstrate proficiency by assessment.

+	COURSE	COURSE TITLE	CRS	NOTES	GRD
		201-level language coursework OR	0-15		
		Proficiency by assessment			

**Required Courses**

CREDITS: 6-8

Students must complete three (3) to five (5) credits of 202-level coursework in same language used to satisfy program prerequisites.

+	COURSE	COURSE TITLE	CRS	NOTES	GRD
	SLC201	Introduction to Linguistics (3) AND	6-8		
		202-level language coursework (3-5)			

Restricted Electives

CREDITS: 6-10

Students must complete six (6) to ten (10) credits of restricted electives. Courses used to meet other required areas may not be used to satisfy this program requirement. Please note that some restricted electives may have prerequisites that are not included in the total program credits. If you interested in taking courses that have additional requisites, you will need to adjust your academic plan to incorporate these courses, or obtain permission from your instructor to waive these requirements.

+	COURSE	COURSE TITLE	CRS	NOTES	GRD
	AFR/ASB202	Ethnic Relations in the United States (3) OR	3		
	SOC140	Racial and Ethnic Minorities (3)			
	COM263	Elements of Intercultural Communication	3		
	AHU-any	Any AHU (Arabic Humanities) course			
	ARB-any	Any ARB (Arabic) course			
	CHI-any	Any CHI (Chinese) course			
	FLA-any	Any FLA (Foreign Language Acquisition) course			
	FRE-any	Any FRE (French) course			
	GER-any	Any GER (German) course			
	GRK-any	Any GRK (Greek) course			
	HBR-any	Any HBE (Hebrew) course			
	HEB-any	Any HEB (Hebrew) course			
	IPP-any	Any IPP (Interpreter Preparation Program) course			
	ITA-any	Any ITA (Italian) course			
	ITH-any	Any ITH (Italian Humanities) course			
	JPN-any	Any JPN (Japanese) course			
	LAT-any	Any LAT (Latin) course			
	NAV-any	Any NAV (Navajo) course			
	NVH-any	Any NVH (Navajo Humanities) course			
	PIM-any	Any PIM (Pima) course			
	POR-any	Any POR (Portuguese) course			
	RUS-any	Any RUS (Russian) course			
	SLC-any	Any SLC (Studies in Language and Culture) course			
	SLG-any	Any SLG (Sign Language) course			
	SPA-any	Any SPA (Spanish) course			
	SPH-any	Any SPH (Spanish Humanities) course			
	TRS-any	Any TRS (Translation and Interpretation) course			

Recommended Course Sequence

No Recommended Course Sequence available at this time.