

**ASSOCIATE IN APPLIED SCIENCE (AAS)
CGCC ADVISEMENT CHECKSHEET**

NAME:	CREDITS REQUIRED: 60	MAJOR: Information Technology (3023)
STUDENT ID:	PROGRAM G.P.A.: 2.00	REQUIREMENT TERM: 2009-2010

The Associate in Applied Science (AAS) in Information Technology program is designed to provide students with skills to meet the changing employment needs of the information technology (IT) industry. With the flexibility of elective course offerings in this degree, students are able to custom design a program that prepares them for depth of understanding in distinct IT areas or prepares them for a breadth of understanding across an IT field. A variety of opportunities also exist to complete course work that will prepare students for industry-recognized examinations and certifications. Students are encouraged to work closely with the division chair to plan their programs of study.

Program Prerequisites: CRE101 – Critical and Evaluative Reading I (3 Credits) OR
Equivalent as indicated by assessment

I. GENERAL STUDIES CORE (12 CREDITS)			
	CRS	GRD	SEM
First-Year Composition			
ENG101 or 107	3		
ENG102 or 108	3		
Oral Communication			
COM100, 110, 225 or 230	3		
Critical Reading			
Met by Program Prerequisites	0		
Mathematics			
MAT102 or Higher	3		

II. GENERAL STUDIES DISTRIBUTION (10 CREDITS)			
	CRS	GRD	SEM
Humanities & Fine Arts			
	3		
Social & Behavioral Science			
	3		
Natural Science			
	4		
Comments:			

III. REQUIRED COURSES (14-27 Credits)				
Students are to complete CIS224 AND one (1) of the following certificates				
	CRS	GRD	SEM	
CIS224 (<i>Offered Spring Semester Only</i>)	3			
Complete one (1) of the following certificates				
Microsoft Database Administration (5179) - 16 crs				
	CRS	GRD	SEM	
MST150++ (Any MST150)	3			
MST152++ (Any MST152)	4			
MST155	3			
MST244	3			
MST254	3			
Programming & Systems Analysis (5048) – 24 crs				
	CRS	GRD	SEM	
Required Courses: 21 crs				
CIS105	3			
BPC/CIS224	3			
CIS126DA/DL or MST150++	3			
CIS150 or CIS150AB	3			
CIS151 or CIS159 or CIS162 or CIS163AA	3			
CIS225 or CIS225AB or CIS250	3			
BPC/CIS217AM or CIS119DO or CIS276DA	3			
Restricted Electives: 3 crs				
CIS251 or CIS259 or CIS262++ or	3			
Microsoft Product Specialist (5841) 14-15 crs				
	CRS	GRD	SEM	
BPC/CIS121AB	1			
BPC170	3			
CIS190 or CNT140 or MST140	3-4			
MST150++ (Any MST150)	3			
MST152++ (Any MST152)	4			
Linux Professional (5204) – 12 crs				
	CRS	GRD	SEM	
Required Courses: 6 crs				
CIS126DL	3			
CIS238DL	3			
Restricted Electives: 6 crs				
BPC/CIS121AB	1			
BPC170	3			
BPC273	3			
CIS105	3			
CIS190	3			
CIS240DL	3			
CIS270	3			
CIS271DL	3			

CIS263AA			
Oracle Database Operations (5183) – 11 crs			
	CRS	GRD	SEM
CIS119DO	3		
CIS119DP	3		
CIS164AB	3		
CIS164AG	2		
Computer Hardware & Desktop Support (5026) – 16-20 crs			
	CRS	GRD	SEM
BPC110 or CIS105	3		
BPC/CIS121AB	1		
BPC170	3		
BPC171	1		
BPC270	3		
CIS102	1		
CIS190 or CNT140 or MST140	3-4		
CIS290AA-AC or CIS296W+	1-4		

CNT140 or MST140	3-4		
CNT150	4		
MST150++ (Any MST150)	3		
CIS280	3		
Networking Administration: Cisco (5969) – 14-18 crs			
	CRS	GRD	SEM
Track 1 – Exploration 14-18 crs			
CNT140 or CNT140AA OR CNT138 AND CNT148	4-6		
CNT150 or CNT150AA	4		
CNT160 or CNT160AA	4		
CNT170 or CNT170AA	4		
Track 2 – Discovery 14 crs			
CNT138	3		
CNT148	3		
CNT158	4		
CNT168	4		

IV. RESTRICTED ELECTIVES (11-24 Credits)
 Students are to select 11-24 specific IT elective credits approved by the BUS/CIS division chair. Selected courses will not apply in both Required Courses and Restricted Elective areas. It is recommended that students who intend to transfer into a BAS program through ASU Polytechnic take Java programming courses (CIS163AA & CIS263AA).

	CRS	GRD	SEM
BPC110 or CIS105	3		
BPC/CIS121AB	1		
BPC171 (may be applied 3 times)	1-3		
CIS102	1		
CIS119DP	3		
CIS119DR	3		
CIS126DL	3		
CIS150	3		
CIS162AB or CSC100AA	3		
CIS163AA or CSC110AA	3		
CIS164AC	3		
CIS164AE	3		
CIS190 or MST140	3		
Any CIS course(s) above 200 level			
Any CSC course(s)			
Any MST course(s)			

	CRS	GRD	SEM
BPC/CIS117DM	3		
BPC170	3		
BPC270	3		
CIS119DO	3		
CIS119DQ	2		
CIS126DA	3		
CIS133 (any modules)	1-3		
CIS159 or CSC181AA	3		
CIS162AD	3		
CIS164AB	2		
CIS164AD	2		
CIS166	3		
CIS191	3		
Any CNT course(s)	3		
Any ITS course(s)			
<i>Other restricted elective options may be available. Check with BUS/Computing Studies Division if interested in other IT courses not listed</i>			

* Indicates course contains prerequisite and/or co-requisite.
 NOTE: Students must earn a grade of “C” or better in all courses within the program.

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)

MAT Mathematics 102/120/121/122/
122AA/122AB/122AC/126/140/141/142/150/
151/151AA/151AB/151AC/151AD/152/
156//172/182/187/206/212/213/220/
221/230/231/240/241/251/261/262/
equivalent course/
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 200/218
ENH English Humanities Any ENH Course(s)
FRE French 265
HCR Health Care Related 210
HIS History 101/102/103/111/243/253/254
HUM Humanities Any HUM course(s) (EXCEPT 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)
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 101/140/141/160/170
AFR African American Studies 202/203/204
AJS Administration of Justice Studies 101/162/200/
225/258/259/270
ASB Anthropology 102/202/211/214/222/223/230/
235/238/245/252
ASM Anthropology 104/275
CFS Child/Family Studies 157/159/176/205/259
COM Communications 100/100AA&100AB&100AC/
110/110AA&110AB & 110AC/230//263
ECH Early Childhood Education 176
ECN Economics Any ECN course(s)
EDU Education 221/222
EMT Emergency Medical Technology 258
FOR Forensic Science 275
FSC Fire Science 258
FUS Future Studies 101
GCU Cultural Geography 102/121/122/141/221/
223/253
HES Health Science 100
HIS History Any HIS course(s) (EXCEPT 108, 111, 113, 114)
IBS International Business 109
MCO Mass Communications 120
PHI Philosophy 243
POS Political Science Any POS course(s)
PSY Psychology 101/123/125/132/156/215/218/
225/235/240/241/243/245/250/258/260/266/
270/277/280/292
REC Recreation 120
SBU Society and Business 200
SOC Sociology Any SOC course(s) (EXCEPT 242)
SWU Social Work 102/171/258/292
WED Wellness Education 110
WST Women's Studies 100/110/160/161
YAQ Yaqui Indian History and Culture 100

Natural Sciences (4 credits)

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

AGS Agricultural Science 164/260
ASB Anthropology 231
ASM Anthropology 104
AST Astronomy 101/102/111/112/113/114
BIO Biology 100/101/102/105/107/108/109/149AN/
145/156/160/181/182/201/205/241
CHM Chemistry 107&107LL/130&130LL/
150&151LL/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&113/212&214/ 213&215
PHS Physical Science 110/120
PHY Physics 101/101AA/111/111AA/112/115/116/ 121/131
PSY Psychology 290AB/290AC