

# Associate in Science Degree (AS) A10400C



Course Planning Sheet Computer Science & Math Pathway Catalog/Program Years 2018 and later

<b>Name:</b>		<b>Advisor:</b>		
<b>Major:</b>		<b>School:</b>		
<b>Courses</b>	<b>Credits</b>	<b>Completed</b>	<b>Term</b>	
<b>English Composition (6 credit hours)</b>				
ENG 111 Writing and Inquiry	3			
ENG 112 Writing and Research in the Disciplines	3			
<b>Humanities and Fine Arts (6 credit hours)</b>				
COM 231 Public Speaking	3			
<b>Select one:</b> ART 111, ART 114, ART 115, ENG 231, ENG 232, ENG 241, ENG 242, MUS 110, MUS 112, PHI 215, PHI 240	3			
<b>Social and Behavioral (9 credit hours)</b>				
<b>Select one:</b> HIS 111, 112, 131, 132	3			
<b>Select one:</b> ECO 251, ECO 252, POL 120, PSY 150, SOC 210	3			
<b>Select one:</b> ANT 210, ANT 220, ANT 221, ECO 151, ECO 251, ECO 252, GEO 111, HIS 111, HIS 112, HIS 131, HIS 132, POL 110, POL 120, POL 210, POL 220, PSY 150, PSY 237, PSY 241, PSY 281, SOC 210, SOC 213, SOC 220, SOC 225	3			
<b>Mathematics (8 credit hours)</b>				
<b>Select one:</b> MAT 171, MAT 172, MAT 271, MAT 272	4			
<b>Select one:</b> MAT 171, MAT 172, MAT 271, MAT 272	4			
<b>Natural Sciences (16 credit hours) Must choose 2 sequences of science from below</b>				
<b>Select Two Sets:</b> BIO 111 & BIO 112	4			
CHM 151 & CHM 152	4			
PHY 151 & PHY 152	4			
PHY 251 & PHY 252	4			
<b>Other Required Courses (15 credit hours)</b>				
Electives should be selected based on your intended bachelor degree major when you transfer. You can look up elective options and course descriptions in the CPCC College Catalog – <a href="http://catalog.cpcc.edu/">http://catalog.cpcc.edu/</a> For specific major requirements, contact a Transfer Advisor at the Transfer Resource Center - Central High Bld. 365 – (704) 330 - 6433 – <a href="http://www.cpcc.edu/ican/trc">www.cpcc.edu/ican/trc</a>				
ACA 122	1			
<b>Select One:</b> ART 111, ART 114, ART 115, ART 116, ART 117, ASL 111, DAN 110, DRA 111, DRA 112, DRA 122, ENG 231, ENG 232, ENG 241, ENG 242, ENG 251, ENG 252, FRE 111, GER 111, HUM 115, HUM 120, HUM 130, HUM 211, HUM 212, MUS 110, MUS 112, PHI 215, PHI 220, PHI 240, REL 110, REL 111, REL 211, REL 212, SPA 111	3			
<b>Select Three:</b> CIS 115, CSC 120, CSC 134, CSC 151, MAT 152, MAT 263, MAT 271, MAT 272, MAT 273, MAT 280, MAT 285	4			
	4			
	3 - 4			
<b>Minimum total credit hours</b>	<b>60</b>			

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## Course List:

ANT 210 General Anthropology  
ANT 220 Cultural Anthropology  
ANT 221 Comparative Cultures  
ART 111 Art Appreciation  
ART 114 Art History Survey I  
ART 115 Art History Survey II  
ART 116 Survey of American Art  
ART 117 Non-Western Art History  
BIO 111 General Biology I  
BIO 112 General Biology II  
CHM 151 General Chemistry I  
CHM 152 General Chemistry II  
CIS 115 Intro to Programming & Logic  
CSC 120 Computing Fundamentals I  
CSC 134 C++ Programming  
CSC 151 Java Programming  
COM 231 Public Speaking  
DAN 110 Dance Appreciation  
DRA 111 Theatre Appreciation  
DRA 112 Literature of the Theatre  
DRA 122 Oral Interpretation  
ECO 151 Survey of Economics  
ECO 251 Principles Microeconomics  
ECO 252 Principles Macroeconomics  
ENG 111 Writing and Inquiry  
ENG 112 Writing/Research in Disc.  
ENG 231 American Literature I  
ENG 232 American Literature II  
ENG 241 British Literature I  
ENG 242 British Literature II  
ENG 251 Western World Literature I  
ENG 252 Western World Literature II  
FRE 111 Elementary French I  
GEO 111 World Regional Geography  
GER 111 Elementary German I  
HIS 111 World Civilizations I  
HIS 112 World Civilizations II  
HIS 131 American History I  
HIS 132 American History II  
HUM 115 Critical Thinking  
HUM 120 Cultural Studies  
HUM 130 Myth in Human Culture  
HUM 211 Humanities I  
HUM 212 Humanities II  
MAT 152 Statistics  
MAT 171 Pre-calculus Algebra  
MAT 172 Pre-calculus Trigonometry  
MAT 263 Brief Calculus  
MAT 271 Calculus I  
MAT 272 Calculus II  
MAT 273 Calculus III  
MAT 280 Linear Algebra  
MAT 285 Differential Equations  
MUS 110 Music Appreciation  
MUS 112 Introduction to Jazz  
PHI 215 Philosophical Issues  
PHI 220 Western Philosophy I  
PHI 221 Western Philosophy II  
PHI 240 Introduction to Ethics  
PHY 151 College Physics I  
PHY 152 College Physics II  
PHY 251 General Physics I  
PHY 252 General Physics II  
POL 110 Introduction Political Science  
POL 120 American Government  
POL 210 Comparative Government  
POL 220 International Relations  
PSY 150 General Psychology  
PSY 237 Social Psychology  
PSY 241 Developmental Psychology  
PSY 281 Abnormal Psychology  
REL 111 Eastern Religions  
REL 211 Introduction to Old Testament  
REL 212 Introduction to New Testament  
SPA 111 Elementary Spanish I  
SOC 210 Introduction to Sociology  
SOC 213 Sociology of the Family  
SOC 220 Social Problems  
SOC 225 Social Diversity  
**\*\*ACA 111 OR ACA 120 may be used as an optional 61st credit in this program. They may not count toward the 60 credit total**