

SOFTWARE DEVELOPMENT (AAS)

Courses by Quarter

Students who place into precollege math should take AMATH 097 in quarter two to be ready for CIS 145 and 160. Students who place directly into MATH& 146 or PHIL& 120 and take it in quarter 2 will not need AMATH 097.

Courses by Quarter

Code	Title	Credits
Option 1: Fall Start		
Quarter 1		
Transition Studies		
Quarter 2		
CCS 101	Pathways to Success	3
ENGL 090 or ENGL 095	Integrated Reading and Writing I Integrated Reading and Writing II	5
MATH 092 or ABE 065	Mathematical Reasoning Contextualized Math II	5
Quarter 3		
CIS 110	Programming Fundamentals	5
ENGL 098 or ENGL& 101	Transitional English Composition English Composition I	5
CMATH 146	Clippers Introduction to Statistics	7
Quarter 4		
CIS 160	Desktop Application Development	5
CIS 182	SQL Fundamentals	5
Select one of the following:		
CMST& 210	Interpersonal Communication: Diversity	5
CMST& 240	Intercultural Communication: Diversity	5
PSYC 116	Psychology of Human Relations: Diversity	5
Quarter 5		
CIS 166	Programming Business Objects	5
CIS 282	SQL Programming	5
CIS 195	Introduction to Cloud Computing	5
Quarter 6		
CIS 169	Requirements Analysis	5
CIS 185	HTML, CSS, Javascript	5
CIS 218	Powershell, Cybersecurity, Ethics	5
Quarter 7		
CIS 235	Rich Internet Applications	5
CIS 266	Introduction to Business Applications	5
CIS 287	Mobile Application Development	5
Quarter 8		
CIS 245	Business Information Systems	5
CIS 269	Software Maintenance	5
CIS 284	Web Application Development	5

Code	Title	Credits
Option 2: Winter Start		
Quarter 1		
Transition Studies		
Quarter 2		
CCS 101	Pathways to Success	3
ENGL 090 or ENGL 095	Integrated Reading and Writing I Integrated Reading and Writing II	5
MATH 092 or ABE 065	Mathematical Reasoning Contextualized Math II	5
Quarter 3		
CIS 110	Programming Fundamentals	5
ENGL 098 or ENGL& 101	Transitional English Composition English Composition I	5
CMATH 146	Clippers Introduction to Statistics	7
Quarter 4		
CIS 160	Desktop Application Development	5
CIS 182	SQL Fundamentals	5
CIS 195	Introduction to Cloud Computing	5
Quarter 5		
CIS 166	Programming Business Objects	5
CIS 282	SQL Programming	5
CIS 185	HTML, CSS, Javascript	5
Quarter 6		
CIS 235	Rich Internet Applications	5
CIS 266	Introduction to Business Applications	5
CIS 287	Mobile Application Development	5
Quarter 7		
CIS 245	Business Information Systems	5
CIS 269	Software Maintenance	5
CIS 284	Web Application Development	5
Quarter 8		
CIS 169	Requirements Analysis	5
CIS 218	Powershell, Cybersecurity, Ethics	5
Select one of the following:		
CMST& 210	Interpersonal Communication: Diversity	5
CMST& 240	Intercultural Communication: Diversity	5
PSYC 116	Psychology of Human Relations: Diversity	5

¹ Some students may place directly into MATH& 146

* For 2024-2025, courses are on a modified schedule while we switch completely over to teaching the new course sequence. For 2024-2025 only, the following courses are offered: CIS 166 Spring only, CIS 185 Summer only, CIS 282 Spring only.