Software Development Pathway Map
Associate in Applied Science
93 Credits

Qtr. 1	Qtr. 2	Qtr. 3	Qtr. 4	Qtr. 5	Qtr. 6	Qtr. 7	Qtr. 8
Transition Studies	**CCS 101** (3cr) *Pathways to Success*	**CIS 145** (5cr) *Introduction to Relational Databases* **Fall and Winter**	**CIS 182** (5cr) *SQL Fundamentals* **Winter and Spring**	**CIS 266** (5cr) *Introduction to Business Applications* **Spring**	**CIS 189** (5cr) *XML/DOM* **Fall**	**CIS 169** (5cr) *Requirements Analysis* **Winter**	**CIS 245** (5cr) *Business Information Systems* **Spring**
	******AMATH 097** (7cr) *Accelerated Intermediate Algebra* Includes ability to complete: **MATH 092 MATH 096 MATH 097**	**CIS 160** (5cr) *Programming Fundamentals* **Fall and Winter**	**CIS 166** (5cr) *Programming Business Objects* **Winter and Spring**	**CIS 282** (5cr) *SQL Programming* **Spring**	**CIS 284** (5cr) *Web Application Development* **Fall**	**CIS 235** (5cr) *Rich Internet Applications* **Winter**	**CIS 269** (5cr) *Software Maintenance* **Spring**
	ENGL 090 (5cr) *Integrated Reading and Writing I* **ENGL 095** (5cr) *Integrated Reading and Writing II*	**ENGL 098** (5cr) *Transitional English Composition* **ENGL& 101** (5cr) *English Composition I*	*Choose One* (5cr): *(Computation)* **PHIL& 120** *Symbolic Logic* **MATH& 146** *Introduction to Statistics*	**CIS 185** (5cr) *HTML, CSS, JavaScript* **Spring**	**CIS 218** (5cr) *PowerShell, Cybersecurity, Ethics* **Fall**	*Choose One* (5cr): *(Human Relations/Diversity, recommended)* **CMST& 210** *Interpersonal Communication: Diversity* **CMST 240** *Intercultural Communication: Diversity* **PSYC 116** *Psychology of Human Relations: Diversity*	**CIS 287** (5cr) *Mobile Application Development* **Spring**

***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.