



Computer Science (Transfer Track) Associate in Science Part-Time Pathway Academic Year 2025-2026

Semester 1	Requirement	Recommended	Prerequisites	Corequisites	Credits	My Plan
FIGS 100	Student Success Elective - Computer Science & Information Technology Pathway				1	
ENGL 100	English Composition		ENGL 080		3	
CSCI 110	Principles of Computer Science		MATH 040		4	
Semester 2						
MATH 140	College Algebra*		MATH 040		4	
MATH 146	Introduction to Trigonometry* or		MATH 040	MATH 140		
	Science Elective with Lab	See list on reverse side	See course prerequisites	See course corequisites		
	Social Science Elective 1		See course prerequisites	See course corequisites	3	
Semester 3						
ENGL 110	Oral Communications		ENGL 080		3	
	Social Science Elective 2	See list on reverse side	See course prerequisites	See course corequisites	3	
Semester 4						
CSCI 160	Object Oriented Design and Programming		CSCI 110		4	
MATH 190	Precalculus		MATH 140 & MATH 146		3	
Semester 5						
CSCI 250	Computer Organization		CSCI 110	CSCI 160	4	
MATH 260	Calculus I		MATH 190		4	
Semester 6						
	Social Science Elective 3	See list on reverse side	See course prerequisites		3	
ENGL 115	Introduction to Literature		ENGL 100 or ENGL 101		3	
Semester 7						
CSCI 290	Data Structures		CSCI 160		4	
MATH 270	Calculus II		MATH 260		4	
Semester 8						
CSCI 296	Systems Programming in C		CSCI 250, CSCI 290		3	
COMM 201	Technical Writing		ENGL 100		3	
Semester 9						
	Science Elective with Lab	See list on reverse side	See course prerequisites	See course corequisites	4	
MATH 225	Discrete Mathematics		MATH 140 or higher, ENGL 080		3	
				Total Credits	63	

*For students starting at the Pre-Calculus level, they can substitute a second Science Elective with Lab in the place of MATH 140 and MATH 146

Advice on Choosing Electives



Associate in Applied Science Curriculum Worksheet

Computer Science (Transfer Track)

General Education Requirements					
Course Code	Course Title	Prerequisites	Corequisites	Credits	Met
ENGL 100	English Composition	ENGL 080		3	
ENGL 115	Introduction to Literature	ENGL 100 or ENGL 101		3	
FIGS 100	Student Success Elective - Computer Science & Information Technology Pathway			1	
MATH 225	Discrete Mathematics	ENGL 080, MATH 140		3	
	Science Elective with Lab*			4	
ENGL 110	Oral Communications	ENGL 080		3	
	Social Science Elective 1			3	
	Social Science Elective 2***			3	
	Social Science Elective 3****			3	
Major Required Courses					
COMM 201	Technical Writing/Communications	ENGL 100 or ENGL 101		3	
CSCI 110	Principles of Computer Science	MATH 040		4	
CSCI 160	Object Oriented Design and Programming	CSCI 110		4	
CSCI 290	Data Structures	CSCI 160		4	
Transfer Track (22 credits)					
MATH 140	College Algebra* AND	MATH 040		4	
MATH 146	Introduction to Trigonometry* OR	MATH 040	MATH 140		
	Science Elective with Lab**				
MATH 190	Precalculus	MATH 140 & MATH 146		3	
MATH 260	Calculus I	MATH 190		4	
MATH 270	Calculus II	MATH 260		4	
CSCI 250	Computer Organization	CSCI 110	CSCI 160	4	
CSCI 296	Systems Programming in C	CSCI 250, CSCI 290		3	

*For students starting at the Pre-Calculus level, substitute a second Science Elective with Lab in the place of MATH 140 and MATH 146

**Students in the Transfer Track should choose from: BIOL 124, BIOL 128, CHEM 120, CHEM 125, ENVR 110, PHYS 200, PHYS 250

***Social Science Elective 2: Choose from ANTH 105, HIST 120, HIST 125, POLS 100, POLS 212

****Social Science Elective 3: Choose from HIST 170, HIST 225, IDST 140, POLS 110, POLS 180, PSYC 235

2025-2026