Student: _____
ID #: _____ Major: _____

Mount Mary UNIVERSITY

COMPUTER SCIENCE **POST-BACCALAUREATE CERTIFICATE**

Credits required: 41 Academic Year 2026-2027

Note: Students obtaining a certificate in Computer Science must meet the mathematics prerequisites from their undergraduate credits or can take courses at Mount Mary University. All students are strongly encouraged to complete MAT 251 Calculus I and ITS 270 Introduction to Generative AI.

Course Code	Course Title	Credits	Gr	Cr	Tm
	Prerequisites: MAT 111 and MAT 113 must be completed prior to taking MAT 325. Students may meet these prerequisites through their previous undergraduate credits or at Mount Mary University.				
MAT 111	Algebra II	4			
MAT 113	Trigonometry	2			
	Required Major Courses:				
ITS 101	Programming for Everyone I	3			
ITS 102	Programming for Everyone II	3			
ITS 150	Introduction to Computer Science	3			
ITS 250	Web Development	3			
ITS 280	Data Structures	3			
ITS 305	Modern Technologies	3			
ITS 351	App Development I: Backend	3			
ITS 385	Algorithms	3			
ITS 410	Software Development	3			
ITS 493	Computer Science Capstone	3			
MAT 216	Statistics	4			
MAT 325	Discrete Math	4			
ITS 352 or ITS 460	App Development II: Frontend or Computer Systems	3			
	Optional course:				
ITS 230	Career Navigation Computer Sci	3			