DATA SYSTEMS AND DEVELOPMENT (CONT'D)

GENERAL PROGRAMMING CERTIFICATE

Program Code: T.GPR.CER

Certificate

Graduation requirement — 13–14 semester hours

Builds foundational programming skills; completion of certificate can be applied to the A.A.S. in Data Systems and Development.

Suggested Sequence

FALL	SPRING	FALL	SPRING
1st Semester	2nd Semester	3rd Semester	4th Semester
CIS 122	CSC 123 *or*	CSC 125 *or*	CSC 220
	CSC 140	CSC 240	

Required Program Courses (13–14 hours)   Cr. Hrs.

CIS 122	Introduction to Computer Programming	4
CSC 123	Computer Science I (C/C++)	4
or CSC 140	Computer Science I (Java)	3
CSC 125	Computer Science II (C++)	3
or CSC 240	Computer Science II (Java)	3
CSC 220	Data Structures	3

Total Semester Credit Hours   *13–14*