

Full Stack Developer Certificate in Applied Science

FIRST SEMESTER		HOURS
CPT 113	Information Systems	3
CPT 170	Computer Applications I	3
CPT 257	Operating Systems	3
	Total Semester Hours	9
SECOND SEMESTER		
CPT 127	Python Programming	3
IST 272	Relational Database	3
	Total Semester Hours	6
THIRD SEMESTER		
CPT 230	C# Programming I	3
IST 226	Internet Programming	3
	Total Semester Hours	6
FOURTH SEMESTER		
Select one of the following:		3
CPT 227	Python Programming II	
CPT 189	Data Science I	
CPT 270	Computer Applications II	
CPT 283	PHP Programming I	
CPT 231	C# Programming II	3
CPT 236	Java Programming I	3
	Total Semester Hours	9
FIFTH SEMESTER		
CPT 237	Java Programming II	3
IST 239	Javascript	3
IST 278	Database Programming	3
	Total Semester Hours	9
	Total Required Credit Hours	39