SOFTWARE ENGINEERING CERTIFICATE

Code	Title	Units
Lower-Division Requirements		
CSC 1043 and CSC 1043L	Introduction to Computer Programming and Introduction to Computer Programming Lab	3
CSC 1054 and CSC 1054L	Objects and Elementary Data Structures and Objects and Elementary Data Structures Lab	4
CSC 2054 and CSC 2054L	Data Structures and Algorithms and Data Structures and Algorithms Lab	4
Upper-Division Requirements		
CSC 3012	Operating Systems for Software Engineering Certificate	2
CSC 3023	Software Engineering	3
Total Units		**16**