Science, Technology, Engineering & Mathematics

HILL COLLEGE

Education Plan (Sequenced): Computer Science

Degree/Certificate: Programming Certificate of Technology

Year 1: Semester 1

Course	Semester Credit Hours
ITNW 1308 Implementing and Supporting Client Operating System	3
ITSE 1329 Programming Logic and Design	3
ITSC 1325 Personal Computer Hardware	3
IMED 1301 Introduction to Digital Media	3
ITSY 1342 Information Technology Security	3
ITNW 1358 Network +	3
*(Completion of Technical Core Certificate)**	
Total	18

Year 1: Semester 2

Course	Semester Credit Hours
ITSC 1307 Unix Operating System I	3
COSC 1436 Programming Fundamentals I	4
ITSE 2409 Database Programing	4
ITSE 2413 Web Authoring	4
Total	15

Year 2: Semester 1

Course	Semester Credit Hours
COSC 1437 Programming Fundamentals II	4
ITSE 2417 Java Programming	4
ITSE 2421 Object-Oriented Programming	4
Total	12

*Must complete Technical Core Certificate