Bachelor of Electrical and Computer Engineering: Major Computer Engineering – Curriculum for 651-XXXX to 69X-XXXX Engineering Students (140 Credits)

1st year 1st semester	1st year 2nd semester	2nd year 1st semester	2nd year 2nd semester	3rd year 1st semester	3rd year 2nd semester	4th year 1st semester	4th year 2nd semester
ELE 1001 Communicative English I (3)	ELE 1002 Communicative English II (3)	ELE 2000 Academic English (3)	ELE 2001 Adv. Academic English (3)	CE 2709 Computer Architecture (3)	CE 3104 Software Engineering (3)	CE 4225 Computer Net. Security (3)	Major Elective (3)
BG 1221 Computer Programing (3)	CE 2102 Data Struct. and Algorithms (3)	CE 2103 Object Oriented Programming (3)	CE 2104 Software Design and Develop. (3)	CE 3103 Computer Opt. Systems (3)	CE 4224 Telecomm Network Lab (1)	CE 4715 Artificial Intelligence I (3)	Major Elective (3)
ME 1114 Engineering Workshop (2)	CE 2703 Intro. Computer Systems (3)	EE 2605 Engineering Electronics (3)	CE 2704 Digital Logic Design (3)	CE 3109 Database Mgmt. Systems (3)	CE 3222 Computer Networks (3)	CE 4901 Project I (1)	CE 4902 Project II (2)
BG 1204 Calculus I (3)	BG 1205 Calculus II (3)	EE2606 Eng. Electronics Lab (1)	CE 2705 Digital Logic Design Lab (1)	CE 4221 Network App. Technology (3)	GE 2110 Human Civi. and Glob.Citizens (2)	Major Elective (3)	Major Elective (3)
BG 1211 Physics I (3)	BG 1213 Physics II (3)	BG 2207 Engineering Mathematics (3)	BG2212 Applied Statistics (3)	EE 3705 Micro Processor / Controller(3)	GE 2202 Ethics (3)	Major Elective (3)	Free Elective (3)
BG 1212 Physics Lab I (1)	BG 1214 Physics Lab II (1)	EE 2201 Electric Circuits (3)	GE 1303 Science for Sus. Future (2)	BBA 1007 Data Analy. for Entrepren. (3)	Major Elective (3)	Free Elective (3)	
BG 2208 Discrete Mathematics (3)	ME 1113 Engineering Drawing (3) + ME 0003 Engineering Drawing Lab (0)	EE 2202 Electric Circuits Lab (1)	BBA 1005 Essen. Finance for Entrepren.(2)				
[Take One] GE 1410 Thai for Prof. Comm.(for Thai students) (2) GE 1411 Thai Lang. for Multicul.Comm. (for non-Thai students) (2) GE 1412 Intro. Thai Usage (for Thai students from international program) (2)		BBA 1004 Essen. Market for Enterpren.(2)	BBA 1006 Essen. Economic for Entrepren.(2)				