

Name:		Student No:	
Advisor:		Class:	

**Computer Engineering Curriculum
Graduation Requirement Check List
Class of 2021 –**

Honors Program Completed

FALL	GR	FRESHMAN	SPRING	GR	FRESHMAN
CM131 Chemistry I		(4 credits)	CS141 Intro to Comp Sci.		(4 credits)
PH131 Physics I		(4 credits)	PH132 Physics II		(4 credits)
MA131 Calculus I		(3 credits)	MA132 Calculus II		(3 credits)
UNIV190 Clarkson Seminar		(3 credits)	ES110 Engineering and Society (STS)(C1)		(3 credits)
FY100 Transitions		(1 credit)	ES100 Intr. Engr. Use Comp #		(2 credits)
FALL	GR	SOPHOMORE	SPRING	GR	SOPHOMORE
MA232 Differential Eqns.		(3 credits)	MA231 Calculus III		(3 credits)
EE262 Intro Obj. Ornt. Prgm & Sftw Des		(3 credits)	EE211 Elec. Engr. Lab I (C1)		(3 credits)
EE264 Intro to Digital Design (C1)		(3 credits)	EE221 Linear Circuits		(3 credits)
ES250 Electrical Science		(3 credits)	EE260 Embedded Systems		(3 credits)
KA/UC Elective*		(3 or 4 credits)	KA/UC Elective* (Economics KA)		(3 credits)
FALL	GR	JUNIOR	SPRING	GR	JUNIOR
STAT383 Applied Statistics I		(3 credits)	MA211 Foundations		(3 credits)
EE321 Syst. & Sig Processing (C1)		(3 credits)	EE316 Computer Engr. Jr Lab		(3 credits)
EE341 Microelectronics		(3 credits)	EE466 Computer Architecture		(3 credits)
EE363 Sftw Comp and Generic Prog		(3 credits)	EE462 Software Syst. Arch		(3 credits)
EE365 Adv Dig Circuit Design (C1)		(3 credits)	EE361 Fund of Software Engr.		(3 credits)
ES499 Sec03 Professional Experience					
FALL	GR	SENIOR	SPRING	GR	SENIOR
EE416 Comp Engr. Sr. Lab (TECH) (C1)		(3 credits)	Professional Elective		(3 credits)
EE464 Digital Systems Design (C1)		(3 credits)	Professional Elective		(3 credits)
ES or Science Elective		(3 credits)	KA/UC Elective*		(3 credits)
CS Elective		(3 credits)	Undesignated Elective		(3 credits)
KA/UC Elective*		(3 credits)	Undesignated Elective		(3 credits)

*Knowledge Area or University Course Electives

There are a total of 5 courses which must be taken to cover four knowledge areas. At least one of these courses must be a University Course. University Courses are interdisciplinary courses that cover two or more knowledge areas. One of the knowledge area electives must be in the Economics knowledge area. EC350 is recommended.

Information technology component

