## SAN JOSE STATE UNIVERSITY -GENERAL ENGINEERING DEPARTMENT MAJOR FORM FOR B.S. GENERAL ENGINEERING

ALT	COURSE	R	EQUIRED	COURSE	S FOR THI				
ALT. INST.	NUMBER.	COURSE TITLE	UNITS	GRADE	ALT. INST.	COURSE NUMBER.	COURSE TITLE	UNITS	GRADE
	ENGR 10	Introduction to Engineering	3	В		ENGL 1B	Argument and Analysis	3	C+
	MATE 25	Introduction to Materials	3	С					
	CE 99	Statics	2	C+					
	ME 30 CMPE 30	Computer Applications  Programming Concept	2 3	Α	$\leftarrow$	SJSU cour	se substitution		•
Foothill	ENGR 37 EE 98	Introduction to Circuit Analysis Introduction to Circuit Analysis	5 3	C .	$\leftarrow$	Communit	y college equivalent courses		1.50
		APPROVED UPPER DIVISION COUR	SES INCL	UDING EN	NGR100W A	ANDA SENIOR PRO	DJECT COURSE 53 UNITS	<u> </u>	tal 53
ALT. INST.	COURSE NUMBER.	COURSE TITLE	UNITS	GRADE	ALT. INST.	COURSE NUMBER.	COURSE TITLE	UNITS	GRADI
uired	ENGR 100W	Engineering Reports	3	A-	INOT.	CE 112	Mechanics of Materials	3	С
ourse	ISE 130	Statistics	3	B-		Mate 115	Structure/Properties of solids	3	
	ISE 102	Eng. Economic Systems	3	В		EE 127	Electronics for Biomedical Application	3	A
	ME 106	Fundamental of Mechatronics	3	R		ME 113	Thermodynamics	4	В
	ENGR 121	Computer Programming	3	\ \ \		Che 190	Intro to Tran Phen	3	
	CmpE 120	Computer organization	3		<del>\</del>	CE 123	Highways and Street Design	3	
	ENGR102	Renewable Energy Engineering	3		$\vdash \downarrow$	EE198A	Senior Project I	1	
	CMPE 138	Database System I	3	В	$\vdash \downarrow$	EE198B	Senior project II	3	
	BME 167/ME 167	Intro to Engr Biomechanics	3		\		blank if you have not taken_		
	BME 174	Biomedical Regulatory Requirements	3	В		l ı	ng the class.		
ALT.	COURSE		1		- MATH, CI	COURSE COURSE		LINUTO	CDADE
INST.	NUMBER.	COURSE TITLE	UNITS	GRADE	INST.	NUMBER.	COURSE TITLE	UNITS	GRADE
	MATH 30	Calculus I	3	C+		PHYS 50	Mechanics	4	С
SJCC	Math 72 MATH 31	Calculus II <del>Calculus II</del>	5 4	C		PHYS 51	Electricity & Magnetism	4	C+
	MATH 32	Calculus III	3	C-					
	MATH 123	Differential Equation and Linear Algebra	3						
	CHEM 1A	General Chemistry	5	С					
		•							
	(a) Successful complete (b) An audit of the stute (c) A minimum 2.0 GF	ove will have completed all the departmental re etion of the above work. Ident's transcript of record to verify that all appr PA has been acheived in all REQUIRED COUF PA has been acheived in all REQUIRED COUF	opriate da	ata have be TECHNIC	en entered	accurately. VES COMBINED.			

DATE

Form updated:8/2017

SIGNATURE OF STUDENT