



APE & BS in ELECTRICAL ENGINEERING
 SLCC & UNIVERSITY OF UTAH
 DEGREE PLAN: 2022-2023



THIS PLAN IS FOR STUDENTS PURSUING THE APE EE DEGREE & DOES NOT GUARANTEE WHEN A COURSES IS OFFERED

FIRST YEAR	SLCC FALL SEMESTER 20__			SLCC SPRING SEMESTER 20__			
	ENGR 2950	ENGINEERING FORUM	1.0	EE 1270	INTRO ELEC CIRCUITS	4.0	
	EE 1010	LAB INSTRUMENTS	1.0	MATH 1220	CALCULUS II	4.0	
	EE 1020	EE PROB & MATLAB	1.0	PHYS 2210	PHYSICS FOR ENG I	4.0	
	GEN ED (AI)	AMERICAN INSTITUTIONS	3.0	PHYS 2215	PHYSICS FOR ENG I LAB	1.0	
	MATH 1210	CALCULUS	4.0	ENGL 1010	INTRO WRITING	3.0	
	ENGR 1010	ENGR MATH TECHNIQUES	3.0				
		TOTAL CREDIT HOURS	13.0		TOTAL CREDIT HOURS	16.0	
SECOND YEAR	SLCC FALL SEMESTER 20__			SLCC SPRING SEMESTER 20__			
	MATH 2250	DIFF EQUA LIN ALG	4.0	EE 2280	ELECTRONICS FUND	4.0	
	PHYS 2220	PHYSICS FOR ENG II	4.0	CSIS 1400	FUND OF PROGRAMMING	4.0	
	PHYS 2225 (TE)	PHYSICS FOR ENG II LAB	1.0	DISTRIBUTION*	GEN EDS (BF)	3.0	
	EE 2260	FUND CIRCUITS II	4.0	MATH 2210	CALCULUS III	3.0	
	DISTRIBUTION*	GEN EDS (FF)	3.0				
			TOTAL CREDIT HOURS	16.0		TOTAL CREDIT HOURS	14.0
THIRD YEAR	APPLY TO THE U OF U EARLY SLCC FALL SEMESTER 20__			SLCC SPRING SEMESTER 20__			
	ENGR 2550	PROBABILITY & STATS	3.0	EE 2700 (BE)	DIGITAL SYS DESIGN	4.0	
	CSIS 1410	FUND OF PROGRAMMING	4.0	CSIS 2810 OR 2420 (TE)	TECHNICAL ELECTIVE	4.0	
	DISTRIBUTION*	GEN EDS (HF & DV)	3.0	DISTRIBUTION*	GEN EDS (FF)	3.0	
	ENGL 2100	TECHNICAL WRITING	3.0	DISTRIBUTION*	GEN EDS (HF)	3.0	
			TOTAL CREDIT HOURS	13.0		TOTAL CREDIT HOURS	14.0
	FOURTH YEAR	FALL SEMESTER 20__ FIRST SEMESTER AT U OF U			SPRING SEMESTER 20__		
ECE 3500 (BE)		SIGNALS, SYSTEMS	4.0	ECE 4900	SENIOR THESIS I	4.0	
ECE 3300 (BE)		EM & TRANSM LNS	4.0	ECE 3000+ (TE)	TECHNICAL ELECTIVE	4.0	
ECE 3900		JUNIOR SEMINAR	1.0	ECE 3000+ (TE)	TECHNICAL ELECTIVE	3.0	
ECE 3030		TECHNICAL COMM	3.0	MATH 3150	PDES	2.0	
LEAP 1501 (BF)		ENGINEERING ETHICS	3.0	VARIES (IR)	GEN ED	3.0	
		TOTAL CREDIT HOURS	15.0		TOTAL CREDIT HOURS	16.0	
FIFTH YEAR	FALL SEMESTER 20__			GRADUATED			
	ECE 4910	SENIOR THESIS II	4.0				
	ECE 5000+ (TE)	TECHNICAL ELECTIVE	3.0				
	ECE 3000+ (TE)	TECHNICAL ELECTIVE	3.0				
	ECE 3000+ (TE)	TECHNICAL ELECTIVE	3.0				
		TOTAL CREDIT HOURS	13.0				

ADMISSION REQUIREMENTS:
2.8 GPA & PASSING CALCULUS GRADE
Meet with SLCC and U of U advisors to make an individual plan!

(BE) = Breadth Elective
(TE) = Technical Elective
Gen Ed Designations: AI, DV, IR, HF=HU, BF=SS, FF=FA