



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



**CALC READY**

THIS PLAN IS FOR STUDENTS PURSUING THE APE CE DEGREE. ENGR 2950 IS REQUIRED FOR ASSOCIATE'S ONLY.

	SLCC FALL SEMESTER 20__	SLCC SPRING SEMESTER 20__				
FIRST YEAR	ENGR 2950	ENGINEERING FORUM	1.0	*EE 1270*	INTRO ELEC CIRCUITS	4.0
	EE 1010	LAB INSTRUMENTS	1.0	*CSIS 1410*	FUND PROGRAMMING	4.0
	*EE 1020*	EE PROB & MATLAB	1.0	*MATH 1220*	CALCULUS II	4.0
	*MATH 1210*	CALCULUS	4.0	*PHYS 2210*	PHYSICS FOR ENG I	4.0
	CSIS 1400	FUND OF PROGRAMMING	4.0			
	ENG 1010	ENG MATH TECHNIQUES	3.0			
		TOTAL CREDIT HOURS	14.0		TOTAL CREDIT HOURS	16.0
SECOND YEAR	ENGL 1010	INTRO WRITING	3.0	*CSIS 2420*	ALGORITHMS & DATA Struct	4.0
	PHYS 2220	PHYSICS FOR ENG II	4.0	EE 2280	ELECTRONICS FUND	4.0
	EE 2260	FUND CIRCUITS II	4.0	*ENGL 2100*	TECHNICAL WRITING	3.0
	MATH 2250	DIFF EQUA LIN ALG	4.0	DISTRIBUTION	GEN ED	3.0
		TOTAL CREDIT HOURS	15.0		TOTAL CREDIT HOURS	14.0
	APPLY TO THE U OF U			FIRST SEMESTER AT U OF U		
	THIRD YEAR	CSIS 2430	DISCRETE STRUCT	4.0	CS/ECE 3700	DIGITAL DESIGN
MATH 2210		CALCULUS III	3.0	CS 3500	SOFTWARE PRACTICE	4.0
DISTRIBUTION		GEN ED (DV + 2nd category)	3.0	VARIES	GEN ED	3.0
DISTRIBUTION		GEN ED	3.0	ECE/CS 3810	COMPUTER ORG	4.0
GEN ED (AI)		AMERICAN INSTITUTIONS	3.0			
		TOTAL CREDIT HOURS	16.0		TOTAL CREDIT HOURS	15.0
FOURTH YEAR		FALL SEMESTER 20__			SPRING SEMESTER 20__	
	CS/ECE 3710	COMPUTER DESIGN	3.0	ECE 5780	EMBEDDED SYSTEMS	4.0
	CS 4400	COMPUTER SYSTEMS	3.0	ECE 3530	ENG PROB & STATS	3.0
	ECE 3991	JUNIOR SEMINAR	1.0	CS/ECE 3992	PRE-THESIS	3.0
	CS/ECE 3000+	TECHNICAL ELECTIVE	3.0	ECE 3030	TECHNICAL COMM	3.0
	LEAP 1501 (BF)	ENGINEERING ETHICS	3.0			
		TOTAL CREDIT HOURS	13.0		TOTAL CREDIT HOURS	13.0
FIFTH YEAR	FALL SEMESTER 20__			SPRING SEMESTER 20__		
	CS/ECE 4710	SENIOR THESIS/CLINIC	3.0	CS/ECE 3000+	TECHNICAL ELECTIVE	3.0
	CS/ECE 3000+	TECHNICAL ELECTIVE	3.0	CS/ECE 3000+	TECHNICAL ELECTIVE	3.0
	CS/ECE 3000+	TECHNICAL ELECTIVE	3.0	CS/ECE 3000+	TECHNICAL ELECTIVE	3.0
	VARIES	GEN ED (IR)	3.0	VARIES	GEN ED	3.0
		TOTAL CREDIT HOURS	12.0		TOTAL CREDIT HOURS	12.0

*Designates a Pre-Major Course*
Admission: 3.0 GPA in Pre-Major; 2.5 GPA Overall U OF U
Meet with SLCC and U of U advisors to make an individual plan!

Gen Ed Designations:
1 each: AI, DV, IR
2 each: HF=HU, BF=SS, FF=FA