



APE & BS in COMPUTER ENGINEERING
SLCC & UNIVERSITY OF UTAH
4.5 YEAR DEGREE PLAN: 2019-2020



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

FIRST YEAR	SLCC FALL SEMESTER 20__			SLCC SPRING SEMESTER 20__		
	ENGL 1010	INTRO WRITING	3.0	*EE 1270*	INTRO ELEC CIRCUITS	4.0
	EE 1010	LAB INSTRUMENTS	1.0	*CSIS 1410*	FUNDAMENTALS OF P	4.0
	EE 1020	EE PROB & MATLAB	1.0	*MATH 1220*	CALCULUS II	4.0
	AI GEN ED	AMERICAN INSTITUTIO	3.0	*PHYS 2210*	PHYSICS FOR ENG I	4.0
	MATH 1210	CALCULUS	4.0	ENGR 2950	ENGINEERING FORUM	1.0
	CSIS 1400	FUND OF PROGRAMMI	4.0			
	DISTRIBUTION*	GEN EDS	3.0			
		TOTAL CREDIT HOURS	19.0		TOTAL CREDIT HOURS	17.0
SECOND YEAR	SLCC FALL SEMESTER 20__			SLCC SPRING SEMESTER 20__		
	MATH 2210	CALCULUS III	3.0	CSIS 2430	DISCRETE STRUCT	4.0
	PHYS 2220	PHYSICS FOR ENG II	4.0	MATH 2250	DIFF EQUA LIN ALG	4.0
	CSIS 2420	ALGORITHMS & DATA	4.0	*ENGL 2100*	TECHNICAL WRITING	3.0
	EE 2260	FUND CIRCUITS II	4.0	DISTRIBUTION*	GEN EDS	3.0
				DISTRIBUTION*	GEN EDS	3.0
		TOTAL CREDIT HOURS	15.0		TOTAL CREDIT HOURS	17.0
THIRD YEAR	APPLY TO THE U OF U EARLY SLCC FALL SEMESTER 20__			FIRST SEMESTER AT U OF U SPRING SEMESTER 20__		
	EE 2280	ELECTRONICS FUND	4.0	CS/ECE 3700	DIGITAL DESIGN	4.0
	DISTRIBUTION*	GEN EDS	3.0	CS 3500	SOFTWARE PRACTICE	4.0
	CSIS 2810	COMPUTER ARCHITEC	4.0	VARIES**	GENERAL EDUCATION	3.0
	DISTRIBUTION*	GEN EDS	3.0	CS/ECE 3000+	TECHNICAL ELECTIVE	3.0
				CS/ECE 3000+	TECHNICAL ELECTIVE	3.0
		TOTAL CREDIT HOURS	14.0		TOTAL CREDIT HOURS	17.0
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
	LEAP 1501	ENGINEERING ETHICS	3.0	ECE 3030	TECHNICAL COMM	3.0
	CS/ECE 3000+	TECHNICAL ELECTIVE	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			
		TOTAL CREDIT HOURS	12.0		TOTAL CREDIT HOURS	

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

*OVERLAP 1 DISTRIBUTION WITH DIVERSITY
 **OVERLAP 1 GEN ED WITH INTERNATIONAL
 ***NOT REQUIRED, BUT TRANSFERABLE