



CE Articulation 2016-17

U of U	Descrip	SLCC	USU/EU	Dixie	UVU	Snow	Weber	SUU	USU	BYU	BYU Id	Westmin	LDS BC
Yr 1 Fall													
ECE 1900	Freshman Seminar												
CS 1400	Intro CS	CS 1400	CS 1400	CS 1400	CS 1400	CS 1400	CS 1400	CSIS 1400	CS 1400			CMPT 201	
CS 1410	Prog I	CS 1410	CS 1410	CS 1410	CS 1410	CS 1410 & 1415	CS 1410	CSIS 1410	CS 1410	CS 142	CS 165	CMPT 202	
MATH 1210	Calc I	MATH 1210	MATH 1210	MATH 1210	MATH 1210	MATH 1210	MATH 1210	MATH 1210	MATH 1210	MATH 112	FDMAT 112	MATH 201	
MATH 1310	Eng Calc I												
WRTG 2010	Writing I	ENGL 2010 or 2100	ENGL 2010	ENGL 2010	ENGL 2010 or 2020	ENGL 2010	ENGL 2010	ENGL 2010	ENGL 2010	WRTG 150		ENGL 110	ENG 201
ESL 1060	Expository Wrtg ESL												
LEAP 1501	Ethical Implications Eng												

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Yr 1 Spr													
ECE 1250	ECE Design	EE 1270 & (EE 1020 or ENGR 1030 or ENGR 1040)	ECE 2250*	ENGR 2250 & 2255*	EENG 1020 & 2250 & 2255	ENGR 2250 & 2255*	EE 1270*	ENGR 2250 & 2255*	ECE 2250*	EC EN 240*	ECEN 150*		
CS 2420	Java Prog II	CS 2420	CS 2420	CS 2420	CS 2420	CS 2420	CS 2420	CSIS 2420	CS 2420	CS 235	CS 235	CMPT 306	
MATH 1220	Calc II	MATH 1220	MATH 1220	MATH 1220	MATH 1220	MATH 1220	MATH 1220	MATH 1220	MATH 1220	MATH 113	MATH 113	MATH 202	
MATH 1320	Eng Calc II												
PHYS 2210	Physics I Mech	PHYS 2210	PHYS 2210	PHYS 2210	PHYS 2210	PHYS 2210	PHYS 2210	PHYS 2210	PHYS 2210	PHSCS 121	PH 121	PHYS 211	

* Student must also take MATLAB course



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Yr 2 Fall													
ECE 2240	Intro Circuits	EE 2260	ECE 2290 & 3620	CS 2420			EE 2260		ECE 2290	EC EN 240*	ECEN 250		
CS 3500	Software Practice I										ECEN 380		
CS/ECE 3810	Computer Architecture		CS 3810										
PHYS 2220	Physics II E&M	PHYS 2220	PHYS 2220	PHYS 2220	PHYS 2220	PHYS 2220	PHYS 2220	PHYS 2220	PHYS 2220	PHSCS 123 & 220	PH 220	PHYS 212	

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Yr 2 Spr													
ECE 2280	Electronics	EE 2280	ECE 3410				EE 3120		ECE 3410		ECEN 350		
CS/ECE 3700	Digital Design												
MATH 2250	ODE's & Linear Alg	MATH 2250	MATH 2250				MATH 2250	MATH 2250	MATH 2250	MATH 334 & 313	MATH 316 or (341 & 371)	MATH 311 & 363	
MATH 2270**	Linear Algebra	MATH 2270	MATH 2270	MATH 2270	MATH 2270	MATH 2270	MATH 2270	MATH 2270	MATH 2270	MATH 303	MATH 341	MATH 311	
MATH 2280*	Ordinary Differential Equations	MATH 2280	MATH 2280	MATH 2280	MATH 2280	MATH 2280	MATH 2280	MATH 2280	MATH 2280	MATH 334	MATH 371	MATH 363	
ECE 3030	Writing in Sciences									ENGL 316			

*Student must take additional four credit hours of technical electives

**MATH 2270 and 2280 = MATH 2250



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Yr 3 Fall													
CS/ECE 3710	Computer Design Lab												
CS/ECE 3991	CE Jr Seminar												
CS 2100	Discrete Structs	CS 2430		MATH 2200	CS 2300	MATH 1630	MATH 1630	MATH 1630	MATH 3310	CS 236	CS 237 & 238	MATH 210	
CS 4400	Computer Systems												
MATH 2210	Calc III	MATH 2210	MATH 2210	MATH 2210	MATH 2210	MATH 2210	MATH 2210	MATH 2210	MATH 2210	MATH 314	MATH 214	MATH 203	

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Yr 3 Spr													
CS/ECE 3992	Pre-Thesis/ Pre-Project												
CS/ECE 5780	Embedded System Design												
CS 3130/ ECE 3530	Eng Probabilitiy & Stats				ECE 3710								
BIOL 1210	Intro Biology	BIOL 1610	BIOL 1610	BIOL 1610	BIOL 1610	BIOL 1610		BIOL 1610	BIOL 1610	BIO 100	BIO 180		
CHEM 1210	General Chemistry	CHEM 1210	CHEM 1210	CHEM 1210	CHEM 1210	CHEM 1210	CHEM 1210	CHEM 1210	CHEM 1210	Chem 105 or 111	CHEM 105 or 105H	CHEM 111	
MATH 3150	Partial Differential Eqns for Sci & Eng				MATH 3400		MATH 3710						
MATH 5600	Numerical Analysis												
ECE 3740	Intro Quantum & Relativity				PHYS 3740				PHYS 3710	PHSCS 222		PHYS 301	

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Tech Elect													
ECE 3110	Eng Electronics II								ECE 5440	EC EN 443 & 445			
ECE 3200	Intro Semiconductor Device Physics						EE 6130		ECE 5410	EC En 450			
ECE 3300	Fund E&M and Trans Lines						EE 3310		ECE 3870	EC EN 360	ECEN 390		
ECE 3500	Fund Signals & Systems		ECE 3620 & 3640		ECE 3770		EE 3210		ECE 3620 & 3640	EC EN 380	ECEN 380		
ECE 3510	Intro to Feedback Systems						EE 4100		ECE 5310	EC EN 483	ECEN 470		
ECE 3600	Power Systems						EE 4510				ECEN 410		
ECE 5320	Microwave Eng I								ECE 5810				
ECE 5324	Antenna Theory & Design								ECE 5850				
ECE 5530	Digital Signal Processing						EE 4210		ECE 5630	EC EN 487	ECEN 480		
ECE 5720	Analog Integrated Circuit Design								ECE 5440				