

EE Articulation 2017-18

U of U	Descrip	SLCC	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	CSIS 1400	CS 1400			CMPT 201	
CS 1410	Prog I	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 112	FDMAT 112	MATH 201	
MATH 1310	Eng Calc I											
WRTG 2010	Writing I	ENGL 2010 or 2100	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)	ENGR 2250 & 2255*	ECE 1020 & 2250 & 2255	ENGR 2250 & 2255*	ECE 1270*	ENGR 2250 & 2255*	ECE 2250*	EC EN 240*	ECEN 150*		
MATH 1220	Calc II	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	PHSCS 121	PH 121	PHYS 211	
LEAP 1500	Leap Seminar Eng											

* Student must also take MATLAB course

EE Articulation 2017-18 (cont.)

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Yr 2 Fall												
ECE 2240	Intro Circuits	EE 2260				ECE 2260		ECE 2290 & 3620	EC EN 240*	ECEN 250		
MATH 2250	ODE's & Linear Algebra	MATH 2250		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 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 334	MATH 371	MATH 363	
PHYS 2220	Physics II E&M	PHYS 2220	PHYS 2220	PHYS 2220	PHYS 2220	PHYS 2220	PHYS 2220	PHYS 2220	PHSCS 123 & 220	PH 220	PHYS 212	
CHEM 1210	General Chemistry	CHEM 1210	CHEM 1210	CHEM 1210	CHEM 1210	CHEM 1210	CHEM 1210	CHEM 1210	Chem 105 or 111	CHEM 105	CHEM 111	
CHEM 1215	General Chem Lab	CHEM 1215	CHEM 1215	CHEM 1215	CHEM 1215	CHEM 1215	CHEM 1215	CHEM 1215			CHEM 111	
BIOL 1210	Intro Biology	BIOL 1610	BIOL 1610	BIOL 1610	BIOL 1610		BIOL 1610	BIOL 1610	BIO 100	BIO 180	BIOL 105	

*Student must take additional four credit hours of technical electives

**MATH 2270 and 2280 = MATH 2250

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Yr 2 Spr												
ECE 2280	Electronics	EE 2280				ECE 3120		ECE 3410		ECEN 350		
CS/ECE 3700	Digital Design	EE 2700		ECE 2700	ENGR 2700 & 2705	ECE 2700		ECE 2700	EC EN 320	ECEN 340		
MATH 2210	Calc III	MATH 2210	MATH 2210	MATH 2210	MATH 2210	MATH 2210	MATH 2210	MATH 2210	MATH 314	MATH 214	MATH 203	
ECE 2910	Sophomore Seminar											

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Yr 3 Fall												
ECE 3300	Fund E&M and Trans Lines					EE 3310		ECE 3870	EC EN 360	ECEN 390		
ECE 3500	Fund Signals & Systems			ECE 3770		EE 3210		ECE 3620 & 3640	EC EN 380	ECEN 380		
ECE 3900	Junior Seminar											
MATH 3150	Partial Differential Eqns for Sci & Eng			MATH 3400		MATH 3710						

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Yr 3 Spr												
CS 3130/ ECE 3530	Eng Probabiltiy & Stats			ECE 3710								
ECE 3200	Intro Semiconductor Phys					ECE 6130		ECE 5410	EC En 450			
MATH 3160	Applied Complex Analysis											
ECE 3030	Tech Comm II								ENGL 316			

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Tech Elect												
ECE 3110	Eng Electronics II							ECE 5420	EC EN 443 & 445			
ECE 3510	Intro to Feedback Systems					ECE 4100		ECE 5310	EC EN 483	ECEN 470		
ECE 3600	Power Systems					ECE 4510				ECEN 410		
CS/ECE 3810	Computer Architecture						CSIS 3500	CS 3810				
ECE 5320	Microwave Eng I							ECE 5810				
ECE 5324	Antenna Theory & Design							ECE 5850				
ECE 5530	Digital Signal Processing					ECE 4210		ECE 5630	EC EN 487	ECEN 480		
ECE 5720	Analog Integrated Circuit Design							ECE 5440				
CS 2100	Discrete Structs	CS 2430	MATH 3310	CS 2300	MATH 1630	MATH 1630	MATH 1630	MATH 3310	CS 236	CS 237 & 238	MATH 210	
CS 2420	Java Prog II	CS 2420	CS 2420	CS 2420	CS 2420	CS 2420	CSIS 2420	CS 2420	CS 235	CS 235	CMPT 306	
ECE 3740	Intro Quantum & Relativity			PHYS 3740				PHYS 3710	PHSCS 222		PHYS 301	