

EE Articulation 2015-16

| 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* | ECE 1020 & 2250 & 2255 | ENGR 2250 & 2255* | EE 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 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 | |
| LEAP 1500 | Leap Seminar Eng | | | | | | | | | | | | |

* Student must also take MATLAB course

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| Yr 2 Fall | | | | | | | | | | | | | |
| ECE 2240 | Intro Circuits | EE 2260 | ECE 2290 & 3620 | | | | EE 2260 | | ECE 2290 | | ECEN 250 | | |
| MATH 2250 | ODE's & Linear Algebra | 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 | |
| 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 | |
| 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 | CHEM 111 | |
| CHEM 1215 | General Chem Lab | CHEM 1215 | 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 | BIOL 1610 | BIO 100 | BIO 180 | | |

*MATH 2270 and 2280 = MATH 2250

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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 | EE 2700 | ECE 2700 | | ECE 2700 | ENGR 2700 & 2705 | EE 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 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 3620 & 3640 | | 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 Probabilty & Stats | | | | ECE 3710 | | | | | | | | |
| ECE 3200 | Intro Semiconductor Phys | | | | | | EE 6130 | | ECE 5410 | EC En 450 | | | |
| MATH 3160 | Applied Complex Analysis | | | | | | | | | | | | |
| ECE 3030 | Tech Comm II | | | | | | | | | | | | |

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|-------------|----------------------------------|---------|---------|-----------|-----------|-----------|-----------|-----------|-----------|-----------------|--------------|----------|--------|
| Tech Elect | | | | | | | | | | | | | |
| ECE 3110 | Eng Electronics II | | | | | | | | ECE 5420 | EC EN 443 & 445 | | | |
| ECE 3510 | Intro to Feedback Systems | | | | | | EE 4100 | | ECE 5310 | EC EN 483 | ECEN 470 | | |
| ECE 3600 | Power Systems | | | | | | EE 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 | | | | | | EE 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 | 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 | |