

## University of Utah Mechanical Engineering Articulation Table

| Year 1-Fall |                               | SLCC      | DIXIE      | SNOW       | SUU       | WEBER      | USU/USUE   | UVU        | BYU                  | BYU-IDAHO | WESTMINSTER |
|-------------|-------------------------------|-----------|------------|------------|-----------|------------|------------|------------|----------------------|-----------|-------------|
| ME EN 1000  | Intro to Robotic Sys Design I | ME 1050   | ENGR 1000* | ENGR 1000* |           | ENGR 1000* | ENGR 1000* | ENGR 1000* |                      |           |             |
| Chem 1210   | Chemistry                     | CHEM 1210 | CHEM 1210  | CHEM 1210  | CHEM 1210 | CHEM 1210  | CHEM 1210  | CHEM 1210  | CHEM 105             | CHEM 105  | CHEM 111    |
| Chem 1215   | Chem Lab                      | CHEM 1215 | CHEM 1215  | CHEM 1215  | CHEM 1215 | CHEM 1210  | CHEM 1215  | CHEM 1215  | CHEM 107 OR PHYS Lab | CHEM 105  | CHEM 111    |
| Math 1210   | Calculus I                    | MATH 1210 | MATH 1210  | MATH 1210  | MATH 1210 | MATH 1210  | MATH 1210  | MATH 1210  | MATH 112             | FDMAT 112 | MATH 201    |

\*Must take ME EN 1005 at U of U (SolidWorks Lab 1.0 CR-HR)

### Year 1-Spring

|            |                                |                        |                  |                  |                  |                  |                  |                  |                 |              |          |
|------------|--------------------------------|------------------------|------------------|------------------|------------------|------------------|------------------|------------------|-----------------|--------------|----------|
| ME EN 1010 | Intro to Robotic Sys Design II | ENGR 1030 OR ENGR 1040 |                  |                  |                  |                  |                  | CS 1400*         | MEEN 373**      |              |          |
| ME EN 1300 | Stat/Strengths                 | MEEN 2010 & 2140       | ENGR 2010 & 2140 | ENGR 2010 & 2140 | ENGR 2010 & 2140 | ENGR 2010 & 2140 | ENGR 2010 & 2140 | ENGR 2010 & 2140 | CEEN 103 & 203  | ME 201 & 202 |          |
| Phys 2210  | Physics I                      | PHY 2210               | PHYS 2210        | PHY 2210         | PHY 2210         | PHY 2210         | PHY 2210         | PHY 2210         | PHSCS 121 & 123 | PH 121 & 123 | PHYS 211 |
| Math 1220  | Calculus II                    | MATH 1220              | MATH 1220        | MATH 1220        | MATH 1220        | MATH 1220        | MATH 1220        | MATH 1220        | MATH 113        | MATH 113     | MATH 202 |

\*Must complete CS 1001 at the U of U.

\*\*MEEN 373 will count for either CS 1000 or ME EN 2450 but not for both

### Year 2-Fall

|            |                           |           |                  |                  |                  |           |           |                  |                |                |          |
|------------|---------------------------|-----------|------------------|------------------|------------------|-----------|-----------|------------------|----------------|----------------|----------|
| ME EN 2500 | Intro Energy Sys Design I | MEEN 2450 |                  | ENGR 2450        | MATH 3600        |           | MAE 2200  |                  | ME EN 373      | ME 342         | CMPT 362 |
| MSE 2160   | Material Science          | MSE 2160  |                  |                  | ENGR 3010        | ENGR 2160 | MAE 2160  |                  | MEEN 250       | ME 250         |          |
| Phys 2220  | Phys 2220                 | PHY 2220  | PHYS 2220        | PHYS 2220        | PHYS 2220        | PHYS 2220 | PHYX 2220 | PHYS 2220        | PHSCS 220      | PH 220         | PHYS 212 |
| Math 2250  | ODE/Lin Algebra           | MATH 2250 | MATH 2270 & 2280 | MATH 2270 & 2280 | MATH 2270 & 2280 | MATH 2250 | MATH 2250 | MATH 2270 & 2280 | MATH 334 & 313 | MATH 341 & 371 | MATH 204 |

### Year 2-Spring

|                 |                            |                  |             |                  |             |           |             |             |            |          |  |
|-----------------|----------------------------|------------------|-------------|------------------|-------------|-----------|-------------|-------------|------------|----------|--|
| ME EN 2510/2300 | Intro Energy Sys Design II | MEEN 2300        | ENGR 2300   | ENGR 2300        | ENGR 3000   | ENGR 2300 | MAE 2300    | ENGR 2300   | ME EN 321  | ME 322   |  |
| ME EN 2080      | Dynamics                   | MEEN 2020 & 2060 | ENGR 2030** | ENGR 2030**      | ENGR 2030** | ENGR 2080 | ENGR 2030** | ENGR 2030** | CEEN 204** | ME 204** |  |
| ME EN 2660      | Machining Lab              | ME 2655          |             |                  |             |           |             |             |            |          |  |
| ECE 2210        | Electrical Engineering     | EE 2210          |             | ENGR 2250 & 2255 |             | ENGR 2210 | ENGR 2210   |             | ECEN 301   |          |  |
| Math 2210       | Calculus III               | MATH 2210        | MATH 2210   | MATH 2210        | MATH 2210   | MATH 2210 | MATH 2210   | MATH 2210   | MATH 314   | MATH 214 |  |

\*\*May be additional requirements due to credit hour difference

\*\*\*Must take ME EN 2655 at U of U (Machine Shop Lab 1.0 CR-HR)

rev July 2012